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**IRRIGATION REQUIREMENTS AND CLIMATIC EVALUATIONS**

**for**

**VENEZUELA**

**by**

**Jerald E. Christiansen  
and  
George H. Hargreaves**

**Utah State University  
College of Engineering**

**Department of Agricultural  
and Irrigation Engineering**

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The research accomplished by eighteen or more graduate students created the basic knowledge required for the completion and compilation of this study.

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IRRIGATION REQUIREMENTS AND CLIMATIC EVALUATION  
FOR  
VENEZUELA

Introduction

With increasing agricultural and natural resource development in Venezuela there is a correspondingly greater need for evaluating irrigation requirements for use in planning, design and in project operations and for a better evaluation of climate as a resource to be considered in development planning studies. Although data available for this study are not adequate for a detailed analysis that can be applied to all locations, the coverage, based upon data from 148 precipitation stations of which 55 have evaporation data, is adequate to give a fairly reliable general picture of conditions. The engineer or technician using this report should keep in mind that moisture requirements vary considerably on a seasonal basis and that precipitation may vary more than 100 percent within a distance of a few miles. A good knowledge of local conditions will in some areas be a prerequisite to efficient use of this study. With the above limitation in mind, this report provides the information necessary to determine irrigation water requirements based largely upon studies of precipitation, evaporation, elevation and other climatic elements that influence the evapotranspiration of water by crops.

The study introduces some new formulas for estimating evapotranspiration and includes a careful analysis of the dependability of precipitation. The concept of a moisture availability index is elaborated. Although maps and graphs are not included as part of this study, the basic data

and methodology are presented for the use of those engaged in development planning studies who may desire a clear visual representation of the moisture relationships and irrigation requirements.

The work accomplished in compiling the data and making the required analysis for this study extends over a period of more than three years and was made possible through financial and other assistance of Venezuelan and international agencies. This effort resulted in probably the most complete country-wide Latin American study of this type yet to be undertaken.

#### Basic Concepts and Terminology

Some of the concepts used are fairly new and not as yet widely used. Climatic conditions, data availability, and the need for development studies cause certain aspects to be different for Venezuela than is typical for other areas. In most irrigation areas, needs for irrigation are determined principally from values of potential evapotranspiration. In Venezuela this is not the case. Potential evapotranspiration does not vary widely from one location to another. Precipitation is, however, highly variable. Precipitation and its distribution and dependability provides the principal basis for determining moisture excesses or deficiencies.

Potential Evapotranspiration, ETP, is defined as the consumptive use or the evapotranspiration loss from a short, green, vigorously growing crop that completely shades the ground or provides 100 percent crop cover under conditions where the moisture supply is not limiting on moisture use. Utah State University and others have accepted the evapotranspiration rates for rye grass grown on a 20-foot diameter weighting lysimeter as described by Pruitt (1) as a standard measure of potential evapotranspiration. Equations developed are designed to reproduce values

equivalent to this standardized potential evapotranspiration.

Computed values of potential evapotranspiration presented in Table 1 are equivalent to Pruitt's rye grass evapotranspiration. Taller crops, particularly those having a much larger leaf surface and roughness factors, frequently use more moisture during periods of maximum growth than does rye grass. These relationships are presented later under Irrigation Requirements.

The potential evapotranspiration computed by the Jensen-Haise formula is about 1.15 times Pruitt's rye grass potential evapotranspiration. Crop coefficients and crop curves described in Sprinkler Irrigation by Jensen (3) or by Robb (2) can be used with the potential evapotranspiration calculated in this study by multiplying the values for potential evapotranspiration shown in Table 1 by about 1.15. Computed values of potential evapotranspiration given in Table 1 are to be used with the crop coefficients presented in Table 2.

Dependable Precipitation, PD, is the precipitation that can be anticipated at a given frequency level. For this study the 75 percent probability level is used. For some crops, particularly for bananas, moisture should be essentially adequate during all periods of crop production. For general crops, however, a 75 percent probability is believed to be a realistic value to use for planning purposes. This means that based upon available records, the value used for dependable precipitation for the month will be equaled or exceeded during three out of four years. The seriousness of economic loss will probably not be great for most crops because of the probability that one deficient month will not follow or be followed by another deficient month and because many soils are capable of carrying forward 100 to 200 mm of available moisture in the crop root zone.

In developing the study of the dependable precipitation, rainfall records were tabulated by years. The data from some stations were discarded because they were obviously faulty or questionable and/or because of the shortness of the record. In cases where one, two, or three months of data were missing for a given year, these missing values were sometimes filled in by using average values derived from the available years of record for the month of missing data. Values for each month were sorted by computer and the maximum, mean, minimum, and 75 percent probability level for each month were then punched on data cards to be used for future analytical study. The 75 percent probability level was labeled dependable precipitation, PD. The reliability of this PD value increases with length of record and is considered to be reasonably reliable for those stations having periods of records approaching 20 years in length. For short periods--4 to 6 years--the computed dependable precipitation provides a good general indication as to what can be expected. The length of the period of record for each of the 148 stations used in this study is shown in Table 1.

Evapotranspiration Deficit, ETDF, is defined as the computed monthly evapotranspiration, ETP, less the dependable monthly precipitation, PD, thus

The values of ETDF are positive when a deficit is indicated or when computed potential evapotranspiration exceeds the dependable precipitation. If the dependable precipitation exceeds potential evapotranspiration, then the value of ETDF becomes negative, indicating a surplus of moisture. The larger the absolute value of the negative deficit the greater the surplus of moisture that must be removed either by natural or by artificial drainage. It is sometimes easier to visualize surpluses

as positive numbers, but in this study the first purpose is to evaluate deficits and secondly to indicate excesses of moisture available. For that reason it has been chosen that surplus moisture be represented as negative deficit.

Moisture Availability Index, MAI, is the ratio of the dependable precipitation, PD, divided by the potential evapotranspiration, thus

$$\text{MAI} = \text{PD}/\text{ETP} \quad \dots \quad (2)$$

A moisture availability index of unity--1.0--indicates that moisture is generally adequate for plant and crop moisture requirements. An index exceeding unity indicates an excess of moisture and an index of less than one a deficiency in moisture availability. The degree of departure from unity is a measure of the magnitude or degree of the deficiency or excess.

#### Computation of Evaporation and Evapotranspiration

Evapotranspiration data are not generally available for Venezuela. Some experimental lysimeter data from the Shell Foundation Station in Aragua have been analyzed and found to be consistent with and demonstrate a similar ratio of evapotranspiration to Class A pan evaporation as was found for Davis, California, Pruitt's data. Fairly complete climatic records, together with pan evaporation, are available for 7 stations in Venezuela. Class A pan evaporation data are also available for 55 of the 148 precipitation stations used in this study. Using data from the evaporation stations, Equation 5b (Appendix - Equations Used) was developed:

$$\text{EVPA} = \text{CPMA} (\text{EVPL}) \quad \dots \dots \dots \dots \dots \dots \dots \dots \dots \quad (5b)$$

in which

EVPA is annual evaporation in mm,

CPMA is a precipitation coefficient, and

EVPL is evaporation computed from elevation.

Computed values of evaporation from Equation 5b checked the measured values for the 55 stations with a mean absolute difference of 11 percent. Considering the lack of standardization of evaporation pan exposures, this difference appears to be acceptable.

Monthly values of evaporation were calculated by using the monthly percent of evaporation of the year for the 55 evaporation stations. For the remaining precipitation stations, the monthly percentage distribution was based upon nearby stations demonstrating similar climatic characteristics. In this manner evaporation was calculated for all 148 stations. These calculated values of evaporation were then punched on data cards for use in future computations. Computed values of evaporation are given in Table 1.

Pruitt's data indicate that evapotranspiration from rye grass averaged about 75 percent of Class A pan evaporation from a well standardized irrigated area exposure. The ratio of potential evapotranspiration to evaporation (ETP/EVP ratio) is not a constant, however, and decreases with increasing advective effect (hot dry windy conditions). Potential evapotranspiration, ETP, was computed for the 7 stations having fairly complete climatic data by using Equation 4 (Appendix - Equations Used)

$$ETP = K_{ET} R_T C_T C_{HT} C_S C_E \dots \dots \dots \dots \dots \dots \quad (4)$$

in which

$K_{ET}$  is a constant,

$R_T$  is extraterrestrial radiation,

$C_T$  is a temperature coefficient,

$C_{HT}$  is a humidity coefficient,

$C_{WT}$  is a wind coefficient,

$C_S$  is a sunshine coefficient, and

$C_E$  is a coefficient for elevation.

Computed ETP results in values that average about 75 percent of measured Class A pan evaporation in Venezuela. The relationship varies somewhat with climatic factors. The best fit, obtained from available data, is given by Equation 6.

$$ETP = EVP (0.70 + 0.0005 PM(M)) \quad . . . . . \quad (6)$$

in which PM(M) is the mean monthly precipitation. Equation 6 was used to compute the values for potential evapotranspiration shown in Table 1. It is believed that these values provide an index of the potential plant water use that is of approximately the same accuracy as the computed evaporation.

#### Computation of Irrigation Requirements

Irrigation requirements are not uniform under a given set of climatic conditions but vary depending upon several factors including effective precipitation, leaching requirements, carry over soil moisture, ground water contribution to crop requirements, field irrigation efficiencies, conveyance and operation losses and all of the cultural practices that produce varying rates of plant evapotranspiration. Evapotranspiration from deep rooted grasses, sugar cane, and other crops providing full crop cover is roughly equivalent to Class A pan evaporation during periods of maximum crop water use. These crops, however, have peak requirements for short time periods. Grasses are usually grazed or cut for hay and average water use is reduced. Measured evapotranspiration rates usually result from agricultural experiment station conditions and are associated with a higher degree of fertility and moisture availability. For these conditions, evapotranspiration averages somewhat more than is typical for the farming practices associated with commercial agriculture. Based upon these considerations, average crop coefficients have been developed for a variety of crops. These are shown in Table 2 and are to be multiplied

by the computed values of ETP as shown in Table 1. By making suitable allowances for losses, the actual irrigation requirements will be somewhat in excess of the evapotranspiration requirements computed by these procedures.

#### The Evaluation of Climate as a Resource

In Latin America, several instances might be cited where irrigation facilities have been constructed prior to the obtaining of a good knowledge of the climate of the project area. Irrigation facilities have been constructed in some areas where rainfall is dependably adequate to excessive for good agricultural production. In order to lessen the probability of inefficient use of scarce development capital, it is proposed that a country-wide study be initiated evaluating the adequacy of moisture availability for agricultural production. Probably the most practical way of accomplishing this would be to plot on a country-wide basis, lines of equal values of the evapotranspiration deficit, ETDF, or of the moisture availability index, MAI, by months. In order to accomplish this data would need to be tabulated, evaluated, and computed for various additional climatic stations. Such a presentation would, however, more clearly demonstrate the probability of needs for irrigation, possibilities for development without irrigation, and the probable magnitude of moisture or rainfall excesses over crop or vegetative requirements.

Such a map representation would enable agriculturalists, engineers, and technicians to appraise moisture requirements rapidly; to determine where rainfall is adequate, deficient, or excessive; and to assess the probable frequency of a given level of availability.

### Conclusion

Class A pan evaporation from a pan located in a standardized irrigated area exposure provides a useful index of crop evapotranspiration requirements for purposes of planning irrigation developments. Since pan exposures are, however, seldom well standardized, computed potential evapotranspiration may provide a more reliable index. Evapotranspiration may be calculated with a good degree of accuracy providing data are available for temperature, wind, and humidity. For Venezuela, a reliable approximation of potential evapotranspiration was developed from measured Class A pan evaporation, fairly complete climatic data for a few stations, and from precipitation and elevation data for 148 stations.

Although time and resources did not permit a map and graphic representation of potential evapotranspiration, moisture availability deficits or excesses, or of the moisture availability index, the relationships given in Table 1 for 148 precipitation stations provide a useful starting point for making a more complete country-wide presentation.

Evapotranspiration/potential evapotranspiration relationships do not vary widely with climatic differences. The principal factors producing different ratios are those relating to cultural practices, soil fertility and rates and stages of growth. For a given set of climatic conditions, actual evapotranspiration will vary over a considerable range according to differing irrigation practices.

Computations of evapotranspiration provide a desirable starting point in the evaluation of climate as a development resource, the determination of the needs and requirements for irrigation, and the estimation of irrigation requirements. Dependable precipitation is an important factor in the evaluation of climate. The use of dependable precipitation/potential evapotranspiration ratios (moisture availability indexes) and

moisture deficits and excesses are recommended as valuable climatic indexes to be shown on maps and graphic presentations for use in country-wide natural and agricultural resource development planning studies.

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2. Robb, D. C. N., "Consumptive Use Estimates from Solar Radiation and Temperature," Methods for Estimating Evapotranspiration, ASCE Irrigation and Drainage Specialty Conference, Las Vegas, Nevada, November 2-4, 1966.
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TABLE 1. PAN EVAPORATION, POTENTIAL EVAPOTRANSPIRATION, DEPENDABLE PRECIPITATION AND  
MOISTURE AVAILABLE INDEX FOR 148 VENEZUELAN PRECIPITATION STATIONS.

ANZACATEGUI

MEAN PRECIPITATION = 694-977

SERIAL NO. 1793 BATTALION 492 DATE GUI LAT. 1005 LONG. 6437 ELEV. 40 YEARS 30

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	69.	51.	46.	128.	239.	233.	401.	280.	205.	234.	134.	84.	1235.
PREC.MIN.	0.	0.	0.	0.	6.	65.	102.	26.	32.	23.	12.	4.	650.
PREC.MEAN	12.	8.	9.	17.	67.	145.	192.	176.	114.	94.	67.	36.	940.
PREC.PEP.	2.	0.	0.	1.	34.	120.	154.	136.	78.	70.	46.	22.	851.
EVPC.MM/MO.	172.	187.	239.	230.	210.	168.	141.	154.	149.	149.	131.	143.	2074.
ETP.MM/MO.	122.	132.	158.	163.	154.	130.	112.	121.	113.	111.	96.	103.	1525.
ET.DEF.MM.	120.	172.	168.	162.	120.	10.	-42.	-15.	35.	41.	50.	81.	1576.
ETP.MM/DA.	3.92	4.70	5.43	5.26	4.97	4.33	3.62	3.51	3.76	3.71	3.20	3.51	6.65
MAT-PP/ETP	.02	.00	.00	.01	.22	.92	1.37	1.12	.69	.53	.48	.21	.35

ANZIA TE GUT

MEAN PRECIPITATION = 694-977

SERIAL NO - 2766 CANTAUERA ANZCATEGUI LAT. 913 LONG. 64 21 ELEV. 250 YEARS 18

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	30.	129.	47.	96.	171.	205.	261.	258.	232.	214.	183.	164.	1198.
PREC.MIN.	0.	0.	0.	0.	5.	78.	53.	24.	24.	20.	22.	4.	652.
PREC.MEAN	6.	9.	9.	12.	54.	140.	143.	147.	104.	100.	74.	37.	835.
PREC.DEP.	0.	0.	1.	0.	12.	114.	112.	118.	60.	63.	42.	18.	745.
EVPC.MM/MO.	173.	190.	230.	245.	262.	167.	137.	139.	139.	148.	133.	150.	2112.
ETP.MM/MO.	122.	134.	162.	173.	190.	129.	106.	108.	105.	111.	98.	108.	1544.
ET.DEF.MM.	122.	134.	162.	173.	178.	15.	-6.	-10.	45.	48.	56.	90.	1615.
FTP.MM/DA.	3.92	4.78	5.23	5.53	6.14	4.29	3.41	3.47	3.48	3.70	3.27	3.48	6.47.
MALEPP/FTP	.00	.00	.00	.00	.06	.39	1.56	1.10	.57	.57	.43	.17	.32.

TABLE I. CONT.

## ANZOATEGUI

MEAN PRECIPITATION = 694-977

SERIAL NO.	2608	CLARINES	ANZOATEGUI												LAT.	956	LONG.	6509	ELEV.	50	YEARS	21
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.							
PREC.MAX.	41.	41.	30.	199.	222.	201.	242.	229.	205.	193.	101.	138.	109.									
PREC.MIN.	0.	0.	0.	0.	0.	26.	0.	16.	14.	22.	1.	0.	161.									
PREC.MEAN	6.	4.	3.	19.	44.	96.	142.	129.	100.	76.	48.	28.	694.									
PREC.DEP.	0.	0.	0.	0.	16.	62.	103.	106.	50.	36.	29.	7.	567.									
EVPC.MM/MO.	180.	195.	249.	240.	219.	175.	147.	160.	156.	156.	136.	149.	2164.									
ETP.MM/MO.	127.	137.	175.	170.	158.	131.	113.	122.	117.	115.	98.	106.	1570.									
ET.DFF.MM.	127.	137.	175.	170.	142.	69.	10.	16.	67.	79.	69.	99.	1699.									
ETP.MM/DA.	4.09	4.69	5.42	5.02	5.10	4.36	3.66	3.35	3.90	3.34	3.23	3.43	6.71									
MAI=PP/FTP	.00	.00	.00	.00	.10	.47	.91	.87	.43	.31	.29	.07	.25									

## ANZOATEGUI

MEAN PRECIPITATION = 694-977

SERIAL NO.	2713	CURATAOICHE	ANZOATEGUI												LAT.	957	LONG.	6434	ELEV.	50	YEARS	25
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.							
PREC.MAX.	64.	87.	87.	65.	146.	227.	361.	277.	352.	215.	200.	120.	1257.									
PREC.MIN.	0.	0.	0.	0.	3.	13.	32.	93.	12.	8.	0.	0.	370.									
PREC.MEAN	18.	13.	11.	19.	60.	131.	169.	179.	128.	98.	83.	41.	950.									
PREC.DEP.	2.	0.	0.	0.	28.	91.	116.	136.	92.	53.	40.	14.	822.									
EVPC.MM/MO.	172.	186.	238.	230.	209.	168.	141.	153.	149.	149.	130.	143.	2071.									
ETP.MM/MO.	122.	131.	168.	163.	153.	129.	111.	121.	114.	112.	96.	103.	1522.									
ET.DFF.MM.	120.	131.	168.	163.	125.	38.	-5.	-15.	22.	59.	56.	89.	1611.									
ETP.MM/DA.	3.03	4.69	5.42	5.26	4.92	4.29	3.57	3.90	3.79	3.72	3.21	3.32	6.67									
MAI=PP/FTP	.02	.00	.00	.00	.18	.71	1.05	1.13	.81	.47	.41	.14	.34									

TABLE 1. CONT.

ANZOATEGUI												MEAN PRECIPITATION = 694-977			
SERIAL NO.	1762	LOS MONTONES			ANZOATEGUI			LAT.	1008	LONG.	6438	ELEV.	180	YEARS	26
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.		72.	52.	34.	36.	143.	224.	247.	250.	186.	173.	125.	80.	1029.	
PREC.MIN.		7.	9.	0.	0.	1.	36.	65.	46.	29.	16.	0.	0.	460.	
PREC.MEAN		13.	9.	4.	8.	48.	125.	159.	136.	94.	70.	48.	27.	730.	
PREC.PEF.		0.	0.	0.	0.	13.	37.	119.	105.	50.	41.	18.	12.	626.	
EVPC.MM/MO.		179.	194.	247.	239.	217.	174.	146.	159.	155.	155.	135.	148.	2151.	
ETP.MM/MO.		126.	137.	173.	158.	157.	133.	114.	122.	115.	114.	98.	106.	1563.	
ET.PEF.MM.		126.	137.	173.	168.	139.	36.	-5.	17.	65.	73.	80.	94.	1665.	
ETP.MM/DA.		4.09	4.89	5.59	5.43	5.07	4.42	3.67	3.34	3.83	3.80	3.26	3.41	6.28	
MAI=PD/FTP		.00	.00	.00	.00	.11	.73	1.05	.86	.43	.36	.18	.11	.27	
ANZOATEGUI												MEAN PRECIPITATION = 694-977			
SERTAL NO.	2648	ONOTO			ANZOATEGUI			LAT.	936	LONG.	6511	ELEV.	200	YEARS	10
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.		19.	10.	10.	61.	191.	337.	227.	248.	246.	187.	138.	76.	1344.	
PREC.MTN.		0.	0.	0.	0.	16.	117.	75.	130.	73.	31.	16.	2.	814.	
PREC.MEAN		6.	2.	1.	16.	69.	189.	175.	176.	146.	97.	69.	31.	977.	
PREC.PEF.		0.	0.	0.	0.	34.	147.	134.	157.	104.	59.	38.	9.	866.	
EVPC.MM/MO.		177.	190.	235.	227.	208.	157.	136.	140.	150.	153.	140.	150.	2061.	
ETP.MM/MO.		124.	133.	165.	151.	153.	125.	107.	110.	116.	115.	103.	107.	1519.	
ET.PEF.MM.		124.	133.	165.	161.	119.	-22.	-27.	-47.	17.	56.	65.	98.	1583.	
ETP.MM/DA.		4.01	4.75	5.31	5.18	4.93	4.16	3.45	3.56	3.86	3.82	3.43	3.46	6.71	
MAI=PD/FTP		.00	.00	.00	.00	.22	1.18	1.25	1.42	.90	.52	.37	.08	.35	

TABLE 1. CONT.

ANZOATEGUI												MEAN PRECIPITATION = 694-977		
SERIAL NO. 2725	SAN MATEO			ANZOATEGUI			LAT.	944	LONG.	6433	ELEV.	153	YEARS 24	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.	60.	103.	72.	85.	171.	307.	290.	301.	274.	199.	173.	157.	1219.	
PREC.MIN.	0.	0.	0.	0.	0.	27.	28.	81.	0.	0.	0.	0.	447.	
PREC.MEAN	14.	12.	9.	22.	47.	117.	168.	147.	125.	92.	82.	30.	866.	
PREC.DEP.	1.	0.	0.	0.	12.	59.	108.	111.	80.	66.	34.	6.	746.	
EVPC.MM/M0.	174.	189.	242.	233.	212.	170.	143.	155.	151.	151.	132.	145.	2101.	
FTP.MM/M0.	123.	133.	170.	166.	153.	129.	112.	120.	115.	113.	98.	104.	1536.	
ETP.MM/D4.	122.	133.	170.	166.	141.	70.	4.	9.	35.	47.	64.	98.	1674.	
ETP.MM/D4.	3.97	4.77	5.50	5.34	4.95	4.30	3.62	3.87	3.84	3.75	3.26	3.34	6.52	
MAI:PD/FTP	.01	.00	.00	.00	.00	.00	.46	.96	.93	.59	.35	.06	.31	

TABLE 1. CONT.

## AVERAGE VALUES FOR ANZOATEGUI

	ANZOATEGUI												MEAN PRECIPITATION = 694.977
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	51.	68.	47.	96.	183.	248.	250.	265.	243.	202.	150.	117.	1184.
PREC.MIN.	0.	0.	0.	0.	5.	52.	51.	60.	26.	16.	7.	1.	508.
PREC.MEAN	11.	8.	7.	16.	56.	135.	164.	156.	115.	90.	67.	33.	856.
PREC.DEP.	1.	0.	0.	0.	22.	99.	121.	124.	73.	55.	35.	13.	746.
EVPC.MM/MQ.	175.	190.	240.	275.	220.	168.	142.	151.	150.	152.	134.	147.	2105.
ETP.MM/MC.	124.	134.	169.	165.	160.	129.	111.	116.	113.	113.	98.	105.	1540.
ET.DEF.,MM.	123.	134.	169.	166.	138.	31.	-10.	-6.	40.	57.	63.	93.	1626.
ETP.MM/PA.	3.99	4.79	5.44	5.36	5.15	4.31	3.57	3.80	3.78	3.76	3.27	3.39	6.50
MAI=PP/ETP	.01	.00	.00	.00	.14	.77	1.09	1.06	.65	.49	.36	.12	.31

TABLE 1. CONT.

## ANZOATEGUI

MEAN PRECIPITATION = 1014-1420

SERIAL NO. 1755 ARAGUA DE PARCELONA ANZOATEGULAT. 92° LONG. 6450 ELEV. 173 YEARS 13

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	71.	46.	22.	36.	124.	204.	264.	331.	240.	229.	138.	92.	1306.
PREC.MIN.	0.	0.	0.	0.	0.	85.	84.	30.	32.	36.	33.	0.	550.
PREC.MEAN	14.	7.	5.	23.	43.	151.	165.	200.	147.	127.	73.	38.	1014.
PREC.DEP.	1.	0.	0.	0.	18.	118.	120.	160.	118.	58.	49.	22.	973.
EVPC.MM/MO.	174.	188.	221.	242.	258.	152.	137.	137.	135.	137.	129.	147.	2048.
ETP.MM/MO.	123.	127.	155.	172.	186.	118.	109.	110.	104.	105.	95.	106.	1509.
ET.DEF./MM.	122.	127.	136.	172.	153.	-0.	-11.	-50.	-14.	47.	46.	34.	1499.
ETP.MM/DA.	3.97	4.52	5.01	5.55	6.00	3.93	3.50	3.54	3.48	3.49	3.17	3.41	6.77
MAIEPD/ETP	.01	.00	.00	.00	.10	1.00	1.11	1.46	1.13	.55	.52	.21	.39

## ANZOATEGUI

MEAN PRECIPITATION = 1014-1420

SERIAL NO. 1796 BERGANTIN ANZOATEGUI LAT. 1000 LONG. 6423 ELEV. 240 YEARS 26

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	107.	129.	52.	139.	255.	281.	525.	495.	371.	289.	272.	190.	1919.
PREC.MIN.	0.	0.	0.	0.	0.	33.	98.	85.	50.	22.	33.	10.	893.
PREC.MEAN	30.	17.	10.	39.	81.	147.	254.	288.	178.	160.	148.	67.	1420.
PREC.DEP.	11.	0.	0.	13.	21.	92.	213.	201.	120.	122.	94.	31.	1267.
EVPC.MM/MO.	156.	167.	222.	207.	196.	146.	137.	129.	129.	156.	122.	131.	1900.
ETP.MM/MO.	112.	118.	157.	149.	145.	113.	113.	109.	102.	122.	94.	96.	1430.
ET.DEF./MM.	101.	118.	157.	136.	124.	21.	-100.	-92.	-18.	-0.	0.	65.	1412.
ETP.MM/DA.	3.60	4.23	5.00	4.80	4.60	3.76	3.65	3.51	3.39	4.06	3.15	3.10	7.34
MAIEPD/ETP	.18	.00	.00	.09	.14	.81	1.88	1.85	1.18	1.00	1.00	.32	.47

TABLE 1. CONT.

## ANZOATEGUI

MEAN PRECIPITATION = 1014-1420

SERIAL NO.	2722	EL CARETO	ANZOATEGUI	LAT.	947	LONG.	6444	ELEV.	200	YEARS	24
PREC. MAX.	69.	158.	114.	JAN	75.	153.	252.	312.	349.	268.	192.
PREC. MIN.	0.	0.	0.	FEB	0.	0.	61.	31.	90.	47.	26.
PREC. MEAN	18.	76.	13.	MAR	19.	48.	144.	194.	204.	141.	112.
PREC. DEP.	1.	0.	0.	APR	0.	12.	105.	152.	148.	111.	84.
EVPC. MM/MO.	171.	183.	229.	MAY	229.	225.	156.	136.	138.	140.	146.
ETP. MM/MO.	121.	130.	162.	JUN	162.	163.	120.	108.	111.	109.	110.
ET. DEF. MM.	120.	130.	162.	JUL	162.	161.	15.	-44.	-37.	-3.	26.
ETP. MM/PA.	3.91	4.64	5.22	AUG	5.24	5.25	4.01	3.50	3.57	3.60	3.68
MAI EPP/ETP	.01	.00	.00	SEP	.00	.07	.37	1.40	1.34	1.07	.76
				OCT							
				NOV							
				DEC							
				ANN.							

## ANZOATEGUI

MEAN PRECIPITATION = 1014-1420

SERIAL NO.	3712	PARIACUAN-MOP	ANZOATEGUI	LAT.	850	LONG.	6442	ELEV.	250	YEARS	19
PREC. MAX.	47.	81.	29.	JAN	31.	219.	327.	388.	477.	412.	212.
PREC. MIN.	0.	0.	0.	FEB	0.	0.	52.	84.	0.	65.	13.
PREC. MEAN	9.	16.	4.	MAR	18.	63.	191.	234.	233.	182.	107.
PREC. DEP.	0.	0.	0.	APR	0.	36.	126.	170.	206.	120.	80.
EVPC. MM/MO.	170.	182.	226.	MAY	218.	202.	147.	147.	135.	135.	145.
ETP. MM/MO.	120.	128.	159.	JUN	155.	150.	117.	110.	110.	115.	109.
ET. DEF. MM.	120.	128.	159.	JUL	155.	114.	-9.	-50.	-26.	-5.	29.
ETP. MM/PA.	3.86	4.58	5.12	AUG	4.99	4.83	3.90	3.55	3.65	3.82	3.64
MAI EPP/ETP	.00	.00	.00	SEP	.00	.24	1.03	1.54	1.87	1.05	.73
				OCT							
				NOV							
				DEC							
				ANN.							

TABLE I. CONT.

ANZOATEGUI												MEAN PRECIPITATION = 1014-1420			
SERIAL NO.	3717	EL TIGRE	PV	ANZOATEGUI	LAT.	853	LONG.	6415	ELEV.	250	YEARS	14			
PREC.MAX.	110.	62.	32.	121.	227.	271.	492.	373.	242.	251.	230.	70.	1566.		
PREC.MIN.	2.	0.	0.	0.	15.	89.	121.	98.	42.	28.	15.	5.	881.		
PREC.MEAN	21.	6.	5.	31.	89.	190.	234.	222.	152.	132.	84.	33.	1199.		
PREC.DEP.	5.	0.	0.	1.	42.	146.	165.	174.	119.	89.	38.	20.	1045.		
EVPC,MM/MO.	166.	178.	224.	224.	220.	152.	133.	135.	137.	143.	127.	141.	1980.		
ETP,MM/MO.	119.	125.	157.	150.	164.	121.	199.	109.	106.	110.	94.	101.	1475.		
ET.OEF.,MM.	117.	125.	157.	154.	122.	-25.	-56.	-65.	-13.	21.	36.	81.	1523.		
ETP,MM/DA.	3.80	4.47	5.08	5.17	5.28	4.03	3.51	3.53	3.54	3.65	3.14	3.26	7.05		
MAIEPD/ETP	.04	.00	.00	.01	.26	1.21	1.52	1.59	1.12	.81	.40	.20	.41		

TABLE 1. CONT.

## AVERAGE VALUES FOR ANZATEGUI

ANZATEGUI

MEAN PRECIPITATION = 1014-1420

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	76.	94.	52.	104.	191.	268.	396.	405.	307.	235.	242.	132.	1574.
PREC.MIN.	0.	0.	0.	0.	3.	64.	84.	61.	47.	25.	22.	3.	737.
PREC.MEAN	18.	12.	7.	26.	69.	165.	220.	229.	160.	128.	101.	42.	1178.
PREC.DEP.	4.	0.	0.	7.	26.	117.	164.	178.	118.	87.	56.	18.	1065.
EVPC.MM/MO.	167.	178.	224.	224.	220.	151.	136.	135.	137.	145.	128.	142.	1988.
ETP.MM/MO.	119.	126.	156.	160.	162.	118.	110.	110.	107.	111.	96.	102.	1477.
ET.DEF.,MM.	116.	125.	132.	157.	136.	0.	-54.	-68.	-11.	24.	40.	84.	1494.
ETP.MM/DA.	3.83	4.49	5.09	5.15	5.21	3.93	3.54	3.54	3.57	3.70	3.21	3.29	7.01
MAI=PD/ETP	.73	.00	.00	.02	.16	.99	1.49	1.62	1.10	.77	.58	.18	.42

TABLE 1. CONT.

## ARAGUA

MEAN PRECIPITATION = 870-993

SERIAL NO. 1451 GUAYASITA ARAGUA

LAT. 1015 LONG. 6723 ELEV. 495 YEARS 23

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	32.	51.	37.	84.	213.	280.	234.	356.	244.	182.	184.	88.	1276.
PREC.MIN.	0.	0.	0.	1.	1.	29.	56.	55.	58.	48.	9.	0.	611.
PREC.MEAN	8.	5.	8.	32.	98.	122.	126.	150.	131.	108.	62.	21.	870.
PREC.DEP.	0.	0.	0.	14.	56.	60.	88.	132.	89.	80.	32.	3.	728.
EVPC.MM/MO.	193.	216.	265.	244.	189.	145.	141.	139.	130.	139.	145.	155.	2100.
ETP.MM/MO.	136.	152.	197.	175.	142.	110.	108.	106.	100.	105.	106.	110.	1537.
ET.DEF./MM.	136.	152.	187.	161.	86.	50.	20.	-24.	11.	25.	74.	107.	1655.
ETP.MM/DA.	4.38	5.42	6.02	5.64	4.57	3.68	3.47	3.47	3.32	3.49	3.53	3.55	6.53
MAI=PD/ETP	.00	.00	.00	.09	.40	.54	.82	1.23	.89	.76	.30	.03	.31

## ARAGUA

MEAN PRECIPITATION = 870-993

SERIAL NO. 460 PERENA

ARAGUA

LAT. 1011 LONG. 6734 ELEV. 410 YEARS 8

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	16.	2.	30.	51.	163.	212.	222.	242.	194.	136.	77.	93.	987.
PREC.MIN.	0.	0.	0.	3.	22.	77.	86.	98.	80.	44.	30.	2.	699.
PREC.MEAN	5.	1.	4.	20.	112.	140.	144.	174.	117.	82.	55.	25.	879.
PREC.DEP.	0.	0.	0.	5.	99.	102.	95.	142.	85.	61.	40.	5.	771.
EVPC.MM/MO.	191.	216.	264.	243.	191.	143.	139.	136.	132.	140.	147.	153.	2097.
ETP.MM/MO.	134.	151.	185.	173.	144.	110.	107.	107.	100.	104.	107.	109.	1531.
ET.DEF./MM.	134.	151.	185.	168.	45.	8.	12.	-35.	15.	43.	67.	104.	1619.
ETP.MM/DA.	4.33	5.40	5.99	5.57	4.66	3.67	3.44	3.45	3.34	3.46	3.56	3.52	6.55
MAI=PD/ETP	.00	.00	.00	.03	.69	.93	.89	1.33	.85	.59	.37	.05	.32

TABLE I. CONT.

## ARAGUA

MEAN PRECIPITATION = 870-993

SERIAL NO.	1444	PIE DEL CERRO	ARAGUA	LAT.	1013	LONG.	671°	ELEV.	780	YEARS	28		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	90.	75.	69.	203.	210.	313.	240.	218.	254.	286.	284.	109.	1545.
PREC.MIN.	0.	0.	0.	0.	12.	32.	51.	38.	26.	16.	0.	0.	687.
PREC.MEAN	13.	9.	9.	47.	107.	139.	141.	135.	130.	139.	86.	36.	993.
PREC.DEP.	0.	0.	0.	22.	64.	90.	97.	104.	85.	78.	58.	14.	799.
EVPC,MM/MO.	179.	200.	245.	225.	175.	134.	130.	128.	120.	128.	134.	144.	1942.
ETP,MM/MO.	126.	141.	173.	163.	132.	103.	100.	98.	92.	98.	100.	103.	1429.
ET,DEF.,MM.	126.	141.	173.	141.	59.	13.	3.	-6.	7.	20.	42.	93.	1525.
ETP,MM/DA.	4.08	5.03	5.57	5.25	4.25	3.44	3.23	3.17	3.08	3.28	3.32	3.34	6.37
MAIEPD/FTP	.00	.00	.00	.14	.49	.87	.97	1.08	.93	.79	.58	.14	.34

## ARAGUA

MEAN PRECIPITATION = 870-993

SERIAL NO.	1475	SUATA FMBALSF	ARAGUA	LAT.	1012	LONG.	6722	ELEV.	538	YEARS	21		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	32.	56.	38.	76.	275.	255.	225.	236.	233.	245.	192.	74.	1298.
PREC.MIN.	0.	0.	0.	2.	28.	37.	72.	36.	34.	49.	6.	0.	593.
PREC.MEAN	7.	6.	8.	33.	108.	134.	160.	155.	124.	108.	64.	19.	927.
PREC.DEP.	0.	0.	0.	7.	52.	78.	102.	122.	100.	62.	30.	6.	776.
EVPC,MM/MO.	193.	214.	262.	241.	187.	146.	132.	139.	125.	137.	141.	156.	2079.
ETP,MM/MO.	135.	150.	194.	173.	141.	112.	108.	108.	95.	103.	103.	111.	1525.
ET,DEF.,MM.	136.	150.	194.	166.	89.	34.	0.	-14.	-5.	41.	73.	105.	1643.
ETP,MM/DA.	4.38	5.37	5.95	5.57	4.55	3.73	3.50	3.49	3.17	3.44	3.44	3.57	6.63
MAIEPD/FTP	.00	.00	.00	.04	.37	.70	1.00	1.13	1.05	.60	.29	.05	.32

TABLE I. CONT.

## AVERAGE VALUES FOR ARAGUA

	ARAGUA												MEAN PRECIPITATION = 870-993
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	42.	48.	43.	103.	215.	265.	230.	263.	231.	212.	134.	91.	1276.
PREC.MIN.	0.	0.	0.	1.	16.	44.	66.	72.	49.	39.	11.	1.	647.
PREC.MEAN	8.	5.	7.	33.	106.	134.	143.	153.	125.	109.	67.	25.	917.
PREC.DEP.	0.	0.	0.	12.	68.	82.	97.	125.	90.	70.	40.	7.	768.
EVPC.MM/MO.	189.	211.	259.	238.	185.	142.	137.	135.	127.	136.	142.	152.	2054.
ETP.MM/MO.	133.	149.	182.	171.	140.	109.	106.	105.	97.	103.	104.	108.	1506.
ET.OFF.MM.	133.	149.	182.	159.	72.	26.	2.	-20.	7.	32.	54.	101.	1610.
ETP.MM/DA.	4.29	5.31	5.88	5.51	4.51	3.63	3.41	3.40	3.22	3.42	3.46	3.49	6.52
MAI:PO/ETP	.00	.00	.00	.07	.48	.76	.92	1.18	.93	.59	.39	.07	.32

TABLE 1. CONT.

## ARAGUA

## MEAN PRECIPITATION == 1063-1799

SERIAL NO.	2520	CAMATASUA	ARAGUA	LAT.	947	LONG.	6654	ELEV.	280	YEARS	18
PREC.MAX.	24.	14.	74.	100.	272.	313.	385.	343.	287.	172.	178.
PREC.MIN.	0.	0.	0.	0.	5.	88.	59.	145.	61.	34.	9.
PREC.MEAN	4.	2.	7.	28.	129.	184.	180.	210.	128.	91.	73.
PREC.DEP.	0.	0.	0.	4.	72.	110.	130.	174.	84.	59.	32.
EVPC.MM/MO.	185.	209.	258.	235.	185.	138.	134.	132.	128.	136.	142.
ETP.MM/MO.	130.	147.	130.	160.	141.	109.	106.	106.	99.	101.	105.
ET.DEF.+MM.	130.	147.	180.	164.	69.	-1.	-24.	-68.	14.	42.	73.
ETP.MM/DA.	4.19	5.23	5.81	5.41	4.36	3.64	3.41	3.43	3.25	3.38	3.49
MAI=PD/FTP	.00	.00	.00	.02	.51	1.01	1.23	1.64	.88	.58	.31
											.09 .35

## ARAGUA

## MEAN PRECIPITATION == 1063-1799

SERIAL NO.	1435	COLONIA TOVAR	ARAGUA	LAT.	1025	LONG.	6717	ELEV.	1790	YEARS	30
PREC.MAX.	173.	217.	151.	148.	320.	280.	283.	322.	237.	328.	354.
PREC.MIN.	0.	0.	0.	2.	12.	35.	56.	94.	74.	63.	28.
PREC.MEAN	43.	22.	23.	60.	139.	143.	165.	164.	143.	172.	131.
PREC.DEP.	9.	2.	1.	32.	72.	94.	117.	111.	100.	126.	79.
EVPC.MM/MO.	125.	140.	171.	157.	122.	94.	91.	90.	84.	90.	94.
ETP.MM/MO.	90.	100.	122.	115.	94.	73.	71.	70.	65.	71.	72.
ET.DEF.+MM.	81.	98.	121.	83.	22.	-21.	-46.	-41.	-35.	-55.	-7.
ETP.MM/DA.	2.91	3.55	3.92	3.70	3.03	2.42	2.30	2.27	2.16	2.36	2.40
MAI=PD/FTP	.10	.02	.01	.29	.77	1.30	1.64	1.58	1.54	1.78	1.10
											.30 .63

TABLE 1. CONT.

## ARAGUA

## MEAN PRECIPITATION == 1063-1799

SERIAL NO. 1432 EL PORTACHUELO INGS APAGUA LAT. 1026 LONG. 6721 ELEV. 1300 YEARS 19

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	317.	512.	176.	334.	384.	339.	331.	348.	290.	310.	337.	230.	2414.
PREC.MIN.	2.	5.	4.	10.	30.	55.	73.	82.	109.	67.	108.	38.	1264.
PREC.MEAN	99.	78.	62.	114.	131.	161.	182.	180.	186.	201.	211.	117.	1721.
PREC.DEP.	39.	10.	12.	51.	89.	115.	132.	124.	163.	140.	155.	54.	1422.
EVPC.MM/MO.	133.	149.	182.	168.	130.	100.	37.	95.	90.	95.	100.	107.	1446.
ETP.MM/MO.	100.	119.	133.	127.	100.	79.	77.	75.	71.	70.	91.	81.	1108.
ET.DEF..MM.	61.	100.	121.	76.	11.	-37.	-55.	-49.	-92.	-64.	-74.	27.	834.
FTP.MM/DA.	3.22	3.93	4.29	4.10	3.21	2.60	2.48	2.42	2.39	2.53	2.68	2.62	6.18
MAI=PD/FTP	.30	.09	.09	.46	.89	1.47	1.72	1.65	2.28	1.84	1.92	.67	.63

## ARAGUA

## MEAN PRECIPITATION == 1063-1799

SERIAL NO. 426 RANCHO GRANDE ARAGUA LAT. 1021 LONG. 6741 ELEV. 1030 YEARS 30

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	179.	282.	97.	276.	417.	489.	391.	432.	406.	439.	305.	245.	2501.
PREC.MIN.	0.	0.	0.	5.	16.	98.	142.	184.	78.	47.	50.	10.	1293.
PREC.MEAN	50.	39.	28.	83.	173.	231.	247.	303.	218.	187.	157.	81.	1799.
PREC.DEP.	13.	6.	7.	27.	141.	172.	212.	257.	167.	128.	106.	41.	1544.
EVPC.MM/MO.	142.	159.	195.	179.	139.	107.	104.	102.	96.	102.	107.	114.	1546.
ETP.MM/MO.	103.	114.	139.	133.	109.	87.	86.	87.	78.	91.	83.	84.	1185.
ET.DEF..MM.	90.	108.	132.	106.	-32.	-85.	-126.	-170.	-89.	-47.	-23.	43.	929.
FTP.MM/DA.	3.32	4.09	4.49	4.28	3.53	2.91	2.75	2.80	2.59	2.70	2.78	2.72	6.77
MAI=PD/FTP	.13	.05	.05	.20	1.29	1.97	2.48	2.96	2.15	1.56	1.27	.49	.62

TABLE 1. CONT.

ARAGUA												MEAN PRECIPITATION == 1063-1799			
SERIAL NO.	2409	SAN SEBASTIAN ARAGUA				LAT.	956	LONG.	5710	ELEV.	450	YEARS	17		
PREC.MAX.	37.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MIN.	7.	7.	51.	113.	233.	277.	328.	326.	213.	226.	166.	84.	1398.		
PREC.MEAN	0.	0.	0.	0.	35.	69.	91.	108.	54.	53.	7.	1.	741.		
PREC.DEP.	0.	1.	4.	36.	146.	183.	191.	184.	131.	127.	64.	15.	1089.		
EVPC.MM/MO.	184.	203.	255.	234.	184.	137.	133.	131.	127.	135.	141.	147.	2020.		
ETP.MM/MO.	129.	146.	179.	168.	142.	108.	106.	104.	97.	103.	103.	104.	1490.		
ET.DEF.+MM.	129.	146.	179.	162.	62.	-22.	-20.	-23.	-17.	8.	78.	100.	1558.		
ETP.MM/DA.	4.17	5.20	5.77	5.42	4.59	3.61	3.41	3.35	3.24	3.44	3.44	3.35	6.89		
MAI:PD/ETP	.00	.00	.00	.04	.56	1.20	1.19	1.22	1.17	.92	.24	.04	.38		

TABLE 1. CONT.

## AVERAGE VALUES FOR ARAGUA

	MEAN PRECIPITATION == 1063-1799												ANN.
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PREC.MAX.	145.	206.	110.	204.	335.	340.	344.	355.	287.	295.	268.	162.	1910.
PREC.MIN.	0.	1.	1.	3.	20.	69.	84.	121.	75.	53.	40.	11.	958.
PREC.MEAN	40.	78.	25.	64.	144.	180.	193.	208.	161.	156.	127.	60.	1387.
PREC.DEP.	12.	4.	4.	24.	91.	124.	143.	159.	126.	110.	79.	26.	1184.
EVPC.MM/MO.	154.	173.	212.	195.	152.	115.	112.	110.	105.	112.	117.	123.	1680.
ETP.MM/MO.	110.	123.	151.	142.	117.	91.	89.	88.	82.	86.	89.	90.	1259.
ET.DEF./MM.	98.	120.	147.	113.	26.	-33.	-54.	-70.	-44.	-23.	9.	64.	1126.
ETP.MM/DA.	3.56	4.40	4.86	4.58	3.78	3.04	2.87	2.85	2.73	2.88	2.96	2.89	6.33
MAI=PD/FTP	.12	.05	.03	.19	.80	1.39	1.65	1.81	1.60	1.34	.97	.32	.52

TABLE 1. CONT.

BARINAS												MEAN PRECIPITATION = 1348-1712					
SERIAL NO.	3148	BARINAS-SOCONY BARINAS				LAT.	836	LONG.	7013	ELEV.	185	YEARS	26				
PREC.MAX.	40.	103.	126.	322.	402.	709.	473.	676.	308.	379.	289.	109.	2676.				
PREC.MIN.	0.	0.	0.	11.	67.	88.	106.	104.	52.	11.	0.	0.	952.				
PREC.MEAN	9.	10.	26.	122.	220.	253.	235.	219.	168.	178.	99.	18.	1555.				
PREC.DEP.	0.	0.	4.	59.	157.	175.	159.	148.	109.	114.	23.	0.	1323.				
EVPC.MM/MO.	183.	193.	213.	159.	137.	122.	126.	135.	141.	144.	135.	155.	1851.				
ETP.MM/MO.	129.	140.	152.	121.	111.	101.	103.	109.	111.	114.	101.	110.	1401.				
ET.DEF..MM.	129.	140.	148.	52.	-46.	-74.	-56.	-39.	2.	-0.	78.	110.	1412.				
ETP.MM/DA.	4.16	4.99	4.90	3.90	3.58	3.36	3.32	3.53	3.69	3.79	3.37	3.54	7.49				
MAI=PD/FTP	.00	.00	.03	.57	1.41	1.74	1.54	1.35	.99	1.00	.23	.00	.48				
BARTINAS												MEAN PRECIPITATION = 1348-1712					
SERIAL NO.	3118	MARQUESNA				BAPINAS	LAT.	850	LONG.	7030	ELEV.	300	YEARS	11			
PREC.MAX.	88.	20.	55.	192.	391.	437.	405.	304.	281.	308.	204.	104.	1828.				
PREC.MIN.	0.	0.	0.	17.	57.	142.	158.	152.	98.	44.	24.	5.	1328.				
PREC.MEAN	17.	4.	16.	96.	237.	259.	263.	217.	193.	144.	93.	28.	1563.				
PREC.DEP.	0.	0.	4.	41.	178.	190.	202.	194.	131.	90.	43.	12.	1447.				
EVPC.MM/MO.	181.	201.	225.	176.	145.	120.	120.	126.	140.	131.	135.	148.	1848.				
ETP.MM/MO.	128.	141.	150.	132.	119.	100.	100.	102.	112.	101.	101.	106.	1400.				
ET.DEF..MM.	128.	141.	155.	91.	-59.	-90.	-102.	-92.	-19.	21.	58.	94.	1291.				
ETP.MM/DA.	4.14	5.04	5.14	4.25	3.85	3.32	3.22	3.29	3.72	3.37	3.36	3.41	7.50				
MAI=PD/FTP	.00	.00	.03	.31	1.49	1.91	2.02	1.90	1.17	.79	.43	.11	.53				

TABLE I. CONT.

## BARINAS

MEAN PRECIPITATION = 1348-1712

SERIAL NO.	PEDRAZA MOP	BARINAS												LAT.	827	LONG.	7034	ELEV.	180	YEARS	8
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ANN.						
PREC.MAX.	93.	56.	128.	200.	372.	342.	371.	314.	278.	289.	400.	78.	2245.								
PREC.MIN.	0.	0.	0.	0.	220.	129.	135.	64.	80.	161.	10.	9.	1332.								
PREC.MEAN	19.	13.	55.	113.	278.	247.	233.	170.	178.	232.	142.	33.	1712.								
PREC.DEP.	0.	0.	8.	61.	249.	204.	149.	107.	120.	205.	47.	11.	1422.								
EVPC.MM/MO.	178.	183.	208.	156.	136.	120.	122.	131.	138.	133.	136.	153.	1794.								
ETP.MM/MO.	126.	129.	151.	118.	114.	99.	100.	103.	109.	109.	105.	110.	1372.								
ET.DEF..MM.	126.	129.	143.	57.	-135.	-105.	-49.	-4.	-11.	-96.	58.	99.	1369.								
ETP.MM/DA.	4.07	4.51	4.98	2.81	3.68	2.28	2.21	3.32	3.63	3.62	3.50	3.54	7.65								
MAI=PD/ETP	.00	.00	.05	.52	2.13	2.05	1.50	1.04	1.10	1.89	.45	.10	.51								

## BARINAS

MEAN PRECIPITATION = 1348-1712

SERIAL NO.	SANTO DOMINGO	BARINAS												LAT.	852	LONG.	7043	ELEV.	2500	YEARS	16
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ANN.						
PREC.MAX.	54.	78.	96.	272.	370.	500.	295.	271.	190.	220.	145.	50.	1828.								
PREC.MIN.	0.	0.	2.	23.	120.	161.	117.	111.	53.	51.	17.	0.	1088.								
PREC.MEAN	17.	21.	31.	132.	225.	237.	200.	184.	129.	108.	57.	14.	1348.								
PREC.DEP.	0.	0.	9.	96.	195.	184.	145.	147.	108.	57.	37.	4.	1166.								
EVPC.MM/MO.	103.	112.	124.	94.	31.	70.	72.	76.	83.	83.	79.	88.	1065.								
ETP.MM/MO.	73.	80.	89.	72.	66.	57.	58.	61.	63.	63.	58.	62.	800.								
ET.DEF..MM.	73.	80.	80.	-24.	-119.	-132.	-88.	-87.	-45.	-4.	21.	58.	297.								
ETP.MM/DA.	2.34	2.84	2.86	2.32	2.12	1.91	1.86	1.94	2.12	2.09	1.92	2.01	4.01								
MAI=PD/ETP	.00	.00	.10	1.33	2.81	3.30	2.53	2.44	1.70	1.07	.64	.06	.80								

TABLE I. CONT.

## AVERAGE VALUES FOR BARINAS

	BARINAS												MEAN PRECIPITATION = 1348-1712	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.	71.	64.	101.	248.	384.	497.	386.	391.	264.	299.	259.	85.	2144.	
PREC.MIN.	0.	0.	1.	13.	116.	130.	129.	108.	71.	67.	13.	3.	1175.	
PREC.MEAN	14.	11.	32.	116.	239.	249.	233.	197.	167.	165.	98.	23.	1544.	
PREC.PFP.	0.	0.	6.	57.	192.	189.	164.	149.	117.	116.	38.	7.	1339.	
EVPC.MM/MO.	161.	173.	192.	146.	125.	108.	110.	117.	125.	123.	121.	136.	1639.	
ETP.MM/MO.	114.	122.	138.	111.	103.	89.	90.	94.	99.	96.	91.	97.	1243.	
E.T.DEF./MM.	114.	122.	132.	46.	-30.	-100.	-74.	-55.	-18.	-20.	54.	90.	1092.	
ETP.MM/DA.	3.69	4.37	4.44	3.57	3.31	2.97	2.90	3.02	3.20	3.22	3.04	3.12	6.66	
MAI=PO/ETP	.00	.00	.05	.83	1.94	2.25	1.90	1.69	1.24	1.19	.44	.07	.58	

TABLE 1. CONT.

## BARINAS

## MEAN PRECIPITATION = 2135-2626

SERIAL NO.	3126	BARINAS	BARINAS	LAT.	845	LONG.	7025	ELEV.	450	YEARS	24
PREC.MAX.	175.	131.	232.	413.	606.	527.	639.	679.	553.	694.	353.
PREC.MIN.	0.	0.	9.	66.	104.	218.	180.	188.	183.	144.	45.
PREC.MEAN	42.	32.	72.	224.	329.	359.	366.	331.	331.	294.	179.
PREC.DEP.	6.	4.	29.	148.	239.	292.	278.	270.	263.	230.	105.
EVPC.MM/MO.	142.	154.	170.	129.	111.	97.	98.	104.	114.	114.	108.
ETP.MM/MO.	102.	110.	125.	105.	96.	85.	87.	90.	99.	97.	85.
ET.DEF.,MM.	96.	106.	96.	-43.	-143.	-207.	-191.	-180.	-164.	-133.	-20.
ETP.MM/DA.	3.30	3.94	4.04	3.38	3.10	2.84	2.82	2.90	3.29	3.22	2.84
MAI=PD/FTP	.06	.04	.23	1.41	2.49	3.42	3.18	3.00	2.67	2.38	1.23
											.24
											.83

## BARINAS

## MEAN PRECIPITATION = 2135-2626

SERIAL NO.	4030	PUNTA PIEDRAS	BARINAS	LAT.	737	LONG.	7129	ELEV.	180	YEARS	6
PREC.MAX.	46.	68.	87.	338.	316.	405.	383.	326.	344.	351.	375.
PREC.MIN.	0.	5.	7.	34.	200.	180.	200.	189.	180.	222.	77.
PREC.MEAN	19.	24.	34.	152.	258.	256.	284.	266.	275.	281.	240.
PREC.DEP.	9.	6.	6.	36.	215.	214.	206.	212.	246.	233.	165.
EVPC.MM/MO.	153.	167.	187.	138.	121.	112.	116.	120.	135.	146.	120.
ETP.MM/MO.	109.	119.	130.	107.	100.	93.	98.	100.	113.	123.	98.
ET.DEF.,MM.	100.	113.	124.	71.	-115.	-121.	-108.	-112.	-133.	-110.	-67.
ETP.MM/DA.	3.50	4.25	4.21	3.45	3.24	3.09	3.15	3.22	3.77	4.09	3.28
MAI=PD/FTP	.08	.05	.05	.34	2.14	2.31	2.11	2.12	2.18	1.90	1.68
											.16
											.65

TABLE 1. CONT.

## AVERAGE VALUES FOR BARINAS

BARINAS													MEAN PRECIPITATION = 2135-2626		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.	110.	99.	159.	375.	461.	465.	511.	502.	448.	522.	364.	125.	2782.		
PREC.MIN.	0.	3.	5.	50.	152.	199.	190.	188.	181.	183.	61.	4.	1897.		
PREC.MEAN	30.	28.	53.	188.	293.	307.	325.	298.	303.	287.	209.	55.	2380.		
PREC.DEP.	3.	5.	17.	92.	227.	253.	242.	241.	254.	231.	135.	18.	2173.		
EVPC.MM/MO.	147.	160.	176.	133.	116.	104.	107.	112.	124.	130.	114.	127.	1551.		
FTP.MM/MO.	105.	115.	129.	105.	98.	89.	92.	95.	100.	110.	92.	92.	1228.		
FT.DEF.,MM.	98.	110.	110.	14.	-129.	-164.	-149.	-146.	-149.	-122.	-43.	74.	748.		
ETP.MM/DA.	3.40	4.09	4.12	3.42	3.17	2.97	2.99	3.06	3.53	3.65	3.08	2.98	8.00		
MAI:PD/FTP	.07	.04	.14	.87	2.72	2.87	2.64	2.56	2.42	2.14	1.45	.20	.74		

TABLE 1. CONT.

BOLIVAR												MEAN PRECIPITATION =1056-2066		
SERIAL NO.	5850	KAMARATA INOS	BOLIVAP	LAT.	541	LONG.	6202	ELEV.	1700	YEARS	11			
PRFC.MAX.	81.	44.	116.	240.	424.	557.	398.	463.	295.	343.	236.	225.	2444.	
PREC.MIN.	13.	4.	2.	13.	53.	216.	172.	178.	93.	113.	87.	24.	1590.	
PREC.MEAN	39.	19.	31.	98.	222.	325.	291.	350.	220.	207.	167.	95.	206 F.	
PREC.DEP.	18.	9.	5.	34.	145.	224.	216.	303.	148.	148.	115.	37.	1865.	
EVPC.MM/MO.	101.	110.	132.	124.	95.	81.	90.	84.	95.	93.	88.	95.	1188.	
ETP.MM/MO.	73.	73.	94.	93.	77.	70.	76.	73.	77.	75.	69.	71.	926.	
ET.DEF..MM.	55.	69.	89.	59.	-68.	-154.	-140.	-230.	-71.	-73.	-46.	34.	194.	
ETP.MM/DA.	2.34	2.79	3.05	3.00	2.49	2.33	2.45	2.37	2.56	2.49	2.30	2.29	5.64	
MAI=PD/FTP	.25	.12	.05	.37	1.68	3.21	2.84	4.12	1.92	1.98	1.67	.52	.91	
BOLIVAR												MEAN PRECIPITATION =1056-2066		
SERIAL NO.	3904	PAO	BOLIVAP	LAT.	803	LONG.	6237	ELEV.	300	YEARS	24			
PREC.MAX.	30.	61.	99.	235.	365.	313.	287.	357.	342.	229.	196.	134.	1873.	
PREC.MIN.	0.	0.	0.	0.	7.	98.	113.	98.	65.	6.	4.	0.	884.	
PREC.MEAN	8.	8.	10.	72.	174.	215.	223.	209.	156.	112.	92.	34.	1312.	
PREC.DEP.	0.	0.	0.	15.	94.	182.	206.	160.	96.	77.	59.	7.	1140.	
EVPC.MM/MO.	175.	192.	246.	208.	161.	126.	130.	126.	144.	142.	140.	147.	1939.	
ETP.MM/MO.	123.	135.	173.	153.	127.	103.	105.	101.	112.	107.	104.	105.	1451.	
ET.DEF..MM.	123.	135.	173.	138.	33.	-79.	-101.	-59.	16.	30.	45.	98.	1489.	
ETP.MM/DA.	3.97	4.83	5.59	4.94	4.09	3.45	3.40	3.27	3.73	3.58	3.48	3.40	7.20	
MAI=PD/FTP	.00	.00	.00	.10	.74	1.76	1.95	1.59	.86	.72	.56	.07	.43	

TABLE 1. CON T.

BOLIVAR

MEAN PRECIPITATION = 1056-2066

SERIAL NO.	3994	UPATA INOS.	BOLIVAR	LAT.	801	LONG.	6223	ELEV.	340	YEARS	20		
PREC. MAX.	119.	113.	105.	216.	252.	217.	332.	351.	166.	137.	152.	151.	1312.
PREC. MIN.	6.	0.	0.	0.	21.	79.	56.	30.	8.	38.	36.	23.	697.
PREC. MEAN	52.	30.	24.	53.	88.	147.	152.	175.	87.	83.	90.	74.	1056.
PREC. DEP.	25.	10.	4.	18.	40.	104.	102.	138.	49.	49.	53.	41.	954.
EVPC.MM/MO.	165.	177.	193.	207.	154.	140.	173.	159.	175.	167.	152.	171.	2032.
FTP.MM/MO.	120.	127.	137.	150.	115.	108.	134.	125.	130.	124.	113.	126.	1510.
ET.DEF..MM.	95.	117.	133.	122.	75.	4.	32.	-13.	91.	75.	60.	85.	1541.
ETP.MM/DA.	3.86	4.52	4.43	4.85	3.70	3.6	4.53	4.04	4.34	4.13	3.77	4.07	6.84
MAI=PD/ETP	.21	.08	.03	.12	.35	.96	.76	.10	.38	.40	.47	.33	.38

TABLE 1. CONT.

AVERAGE VALUES FOR BOLIVAR

BOLIVAR

MEAN PRECIPITATION = 1056-2066

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	77.	73.	107.	230.	347.	362.	339.	384.	268.	236.	195.	170.	1876.
PREC.MIN.	6.	1.	1.	4.	27.	131.	114.	102.	56.	52.	42.	16.	1057.
PREC.MEAN	33.	19.	22.	74.	161.	229.	222.	245.	154.	134.	116.	68.	1478.
PREC.DEP.	14.	6.	3.	22.	93.	170.	175.	200.	98.	91.	76.	28.	1320.
EVPC.MM/MO.	147.	160.	190.	180.	137.	116.	131.	123.	138.	134.	127.	138.	1720.
ETP.MM/MO.	105.	113.	135.	132.	106.	94.	105.	100.	106.	102.	96.	101.	1296.
ET.DEF.MM.	91.	107.	132.	110.	13.	-76.	-69.	-100.	9.	11.	20.	72.	1075.
ETP.MM/DA.	3.39	4.04	4.36	4.26	3.42	3.13	3.40	3.23	3.55	3.40	3.18	3.25	6.56
MAI=PD/ETP	.15	.06	.03	.19	.99	1.98	1.95	2.27	1.05	1.03	.90	.30	.57

TABLE I. CONT.

CARABORO			MEAN PRECIPITATION = 968-985											
SERIAL NO.	1370	CANCAP	CARABORO			LAT. 1012 LONG. 6816 ELEV. 100 YEARS 18								
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.	23.	33.	33.	54.	237.	237.	191.	282.	166.	211.	218.	122.	1072.	
PREC.MIN.	0.	0.	0.	0.	18.	14.	100.	53.	66.	70.	43.	0.	790.	
PREC.MEAN	7.	6.	12.	32.	117.	100.	132.	136.	116.	134.	125.	50.	968.	
PREC.DEP.	0.	0.	0.	6.	74.	39.	109.	72.	90.	83.	84.	14.	897.	
EVPC/MM/MO.	185.	212.	253.	202.	163.	122.	136.	144.	161.	167.	147.	155.	2064.	
ETP/MM/MO.	131.	154.	182.	145.	124.	91.	104.	111.	122.	128.	112.	112.	1516.	
ET.DEF./MM.	131.	154.	182.	139.	50.	52.	-4.	39.	32.	45.	28.	98.	1547.	
ETP/MM/DA.	4.22	5.50	5.88	4.67	3.99	3.05	3.36	3.57	4.07	4.27	3.74	3.62	6.70	
MAIEPD/FTP	.06	.06	.06	.04	.50	.43	1.04	.65	.74	.65	.75	.12	.37	

  

CARABORO			MEAN PRECIPITATION = 968-985											
SERIAL NO.	1337	MCRON	CARABORO			LAT. 1029 LONG. 6812 ELEV. 20 YEARS 14								
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.	180.	83.	49.	153.	232.	277.	280.	244.	148.	208.	322.	379.	1387.	
PREC.MIN.	11.	0.	0.	5.	17.	22.	30.	15.	18.	17.	5.	27.	371.	
PREC.MEAN	52.	18.	16.	46.	104.	103.	114.	105.	67.	69.	126.	166.	985.	
PREC.DEP.	16.	1.	4.	13.	44.	38.	67.	55.	49.	33.	53.	73.	812.	
EVPC/MM/MO.	161.	158.	136.	173.	165.	183.	185.	214.	187.	173.	138.	126.	2058.	
ETP/MM/MO.	117.	112.	139.	125.	124.	138.	140.	161.	137.	127.	105.	99.	1524.	
ET.DEF./MM.	171.	111.	135.	112.	80.	100.	73.	106.	88.	94.	52.	26.	1642.	
ETP/MM/DA.	3.77	4.00	4.48	4.03	4.00	4.58	4.52	5.19	4.57	4.24	3.51	3.18	6.72	
MAIEPD/FTP	.14	.01	.03	.10	.35	.29	.48	.34	.36	.26	.50	.74	.33	

TABLE I. CONT.

## AVERAGE VALUES FOR CARASORO

	CARASORO												MEAN PRECIPITATION = 968-985
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	104.	58.	41.	113.	234.	257.	275.	253.	157.	209.	270.	250.	1229.
PREC.MIN.	5.	0.	0.	3.	17.	18.	65.	34.	42.	43.	24.	13.	580.
PREC.MEAN	29.	12.	14.	39.	110.	101.	123.	120.	91.	101.	125.	108.	976.
PREC.DEP.	8.	1.	2.	9.	59.	38.	88.	63.	69.	58.	68.	43.	854.
EVPC.MM/MO.	173.	188.	227.	186.	164.	152.	160.	179.	174.	170.	142.	140.	2061.
ETP.MM/MO.	124.	133.	160.	135.	124.	115.	122.	136.	130.	128.	109.	106.	1520.
ET.DEP..MM.	116.	132.	158.	125.	65.	78.	35.	72.	60.	70.	40.	62.	1594.
ETP.MM/DA.	4.00	4.75	5.18	4.35	4.00	3.82	3.94	4.38	4.32	4.25	3.62	3.40	6.71
MALEPD/ETP	.07	.00	.01	.07	.48	.35	.76	.50	.55	.45	.63	.43	.35

TABLE I. CONT.

CARABORO												MEAN PRECIPITATION = 1164-1294			
SERIAL NO.	1358	GUATAFARO TNG	CARABORO	LAT.	1013	LONG.	6803	ELEV.	760	YEARS	25				
PREC.MAX.	43.	18.	61.	143.	332.	312.	262.	237.	275.	317.	130.	174.	1533.		
PREC.MIN.	7.	0.	0.	0.	27.	107.	82.	105.	54.	28.	10.	0.	942.		
PREC.MEAN	7.	3.	8.	56.	168.	185.	169.	184.	154.	137.	70.	30.	1164.		
PREC.DEP.	0.	0.	0.	12.	106.	126.	136.	145.	114.	86.	52.	8.	1028.		
EVPC/MM/MO.	174.	101.	233.	205.	155.	125.	129.	133.	131.	136.	136.	144.	1895.		
ETP.MM/MO.	122.	134.	164.	149.	121.	99.	101.	105.	102.	105.	100.	103.	1406.		
ET.DEF./MM.	122.	174.	164.	137.	15.	-27.	-35.	-40.	-12.	19.	48.	95.	1401.		
ETP.MM/DA.	3.95	4.73	5.29	4.61	3.91	3.37	3.26	3.40	3.79	3.48	3.33	3.32	6.66		
MAIEPO/ETP	.70	.00	.00	.00	.67	1.27	1.34	1.36	1.12	.82	.52	.08	.42		
CARABORO												MEAN PRECIPITATION = 1164-1294			
SERTAL NO.	1326	SAN ESTEBAN INOS	CARABORO	LAT.	1023	LONG.	6906	ELEV.	120	YEARS	17				
PREC.MAX.	375.	445.	106.	192.	304.	289.	240.	309.	241.	213.	276.	232.	1862.		
PREC.MIN.	9.	0.	0.	13.	35.	55.	80.	72.	38.	56.	52.	13.	784.		
PREC.MEAN	99.	57.	27.	73.	113.	142.	150.	143.	96.	127.	152.	99.	1278.		
PREC.DEP.	28.	5.	0.	23.	53.	80.	99.	83.	58.	89.	118.	50.	1084.		
EVPC/MM/MO.	182.	205.	244.	191.	150.	125.	133.	139.	152.	152.	137.	146.	1952.		
ETP.MM/MO.	136.	149.	174.	141.	117.	96.	103.	107.	114.	116.	106.	109.	1466.		
ET.DEF./MM.	109.	144.	174.	118.	60.	15.	4.	18.	56.	27.	-12.	59.	1530.		
ETP.MM/DA.	4.40	5.73	5.62	4.54	3.68	3.21	3.32	3.46	3.79	3.87	3.54	3.53	7.16		
MAIEPO/ETP	.21	.03	.07	.16	.47	.83	.95	.83	.51	.77	1.11	.46	.41		

TABLE 1. CONT.

	CARABOBO												MEAN PRECIPITATION = 1164 - 1294									
SERIAL NO.	1336	URAMA	CARABOBO												LAT.	1027	LONG.	6818	ELEV.	30	YEARS	19
PREC. MAX.	432.	95.	131.	182.	380.	290.	324.	226.	222.	314.	239.	317.	2225.									
PREC. MIN.	2.	0.	0.	3.	49.	32.	55.	49.	38.	45.	39.	11.	887.									
PREC. MEAN	103.	32.	28.	52.	149.	113.	163.	137.	116.	138.	124.	139.	1294.									
PREC. DEP.	18.	13.	5.	20.	70.	70.	89.	98.	102.	80.	81.	52.	998.									
EVPC. MM/MO.	181.	204.	243.	191.	150.	125.	132.	138.	152.	152.	136.	146.	1946.									
ETP. MM/MO.	136.	146.	174.	139.	116.	95.	103.	106.	115.	117.	104.	112.	1462.									
ET. DEF. MM.	118.	133.	169.	119.	46.	25.	14.	8.	13.	37.	23.	60.	1623.									
ETP. MM/DA.	4.39	5.22	5.60	4.47	3.75	3.15	3.33	3.42	3.84	3.90	3.45	3.62	7.18									
MAI=PD/FTP	.13	.09	.03	.14	.60	.74	.86	.92	.99	.68	.78	.46	.36									

TABLE 1. CONT.

## AVERAGE VALUES FOR CARBORO

CARBORO													MEAN PRECIPITATION = 1154-1294		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PPEC.MAX.	285.	186.	90.	169.	339.	297.	275.	274.	246.	281.	215.	241.	1873.		
PREC.MIN.	3.	0.	0.	5.	37.	65.	72.	76.	47.	43.	34.	8.	871.		
PREC.MEAN	78.	31.	21.	60.	142.	146.	161.	155.	122.	134.	115.	89.	1245.		
PREC.DEP.	15.	6.	2.	18.	76.	92.	108.	111.	91.	85.	84.	37.	1037.		
EVPC.MM/MO.	179.	200.	240.	196.	152.	125.	131.	137.	145.	147.	136.	145.	1931.		
ETP.MM/MO.	132.	143.	171.	143.	117.	97.	102.	106.	110.	112.	103.	108.	1445.		
FT.DEP.MM.	114.	137.	169.	135.	41.	5.	-6.	-4.	19.	27.	20.	72.	1518.		
ETP.MM/DA.	4.25	5.11	5.50	4.61	3.77	3.22	3.31	3.43	3.67	3.75	3.44	3.49	7.00		
MAIEPD/ETP	.11	.04	.01	.13	.05	.95	1.06	1.04	.84	.76	.80	.33	.41		

TABLE 1. CONT.

COJEDES												MEAN PRECIPITATION = 1208-1448											
SERIAL NO.	225*	ACARIGUA			COJEDES			LAT.	933	LONG.	6912	ELEV.	186	YEARS	5								
PREC.MAX.	34.	JAN	29.	MAR	254.	APR	305.	JUN	253.	JUL	218.	AUG	200.	OCT	401.	NOV	126.	DEC	38.	ANN.	1991.		
PREC.MIN.	0.	FEB	0.	MAY	30.	JUN	109.	JUL	149.	AUG	132.	SEP	141.	NOV	79.	DEC	65.	28.	4.	1250.			
PREC.MEAN	14.	9.	14.	122.	215.	219.	207.	207.	177.	177.	141.	141.	141.	OCT	201.	NOV	88.	21.	1428.				
PREC.DEP.	0.	0.	0.	35.	132.	166.	166.	166.	142.	142.	98.	98.	111.	NOV	45.	DEC	6.	1250.					
EVPC/MM/MO.	178.	190.	235.	188.	156.	116.	116.	133.	133.	135.	140.	140.	140.	OCT	135.	NOV	140.	152.	1897.				
ETP/MM/MO.	126.	134.	160.	145.	126.	94.	94.	107.	107.	108.	108.	108.	108.	NOV	108.	DEC	104.	108.	1430.				
ET.DEF./MM.	126.	134.	166.	106.	-6.	-72.	-72.	-59.	-59.	-36.	-36.	-10.	-10.	OCT	-3.	NOV	59.	102.	1432.				
ETP/MM/DA.	4.06	4.78	5.35	4.62	4.06	3.13	3.45	3.45	3.45	3.60	3.60	3.60	3.60	NOV	3.47	DEC	3.48	7.35					
MAI=PC/ETP	.00	.00	.00	.24	1.05	1.77	1.55	1.55	1.55	1.33	1.33	.91	1.03	OCT	.43	NOV	.06	.47					
COJEDES												MEAN PRECIPITATION = 1208-1448											
SERIAL NO.	2335	MORENA			COJEDES			LAT.	941	LONG.	6835	ELEV.	160	YEARS	27								
PREC.MAX.	61.	JAN	62.	MAR	34.	APR	197.	JUN	372.	JUL	466.	AUG	389.	SEP	226.	OCT	287.	NOV	230.	DEC	110.	ANN.	1996.
PREC.MIN.	0.	FEB	0.	MAY	0.	0.	59.	JUN	125.	JUL	120.	AUG	111.	SEP	79.	OCT	43.	NOV	0.	DEC	2.	958.	
PREC.MEAN	15.	9.	8.	68.	188.	256.	256.	266.	266.	219.	219.	145.	145.	138.	OCT	94.	NOV	42.	DEC	42.	1448.		
PREC.DEP.	0.	0.	0.	20.	129.	183.	183.	189.	189.	176.	176.	106.	106.	93.	NOV	45.	DEC	16.	1248.				
EVPC/MM/MO.	175.	189.	234.	195.	153.	121.	121.	130.	130.	134.	134.	136.	136.	OCT	136.	NOV	140.	146.	1890.				
ETP/MM/MO.	125.	133.	165.	143.	121.	100.	100.	108.	108.	108.	108.	105.	105.	NOV	105.	DEC	105.	105.	1423.				
ET.DEF./MM.	125.	133.	165.	123.	-8.	-83.	-83.	-81.	-81.	-68.	-68.	-1.	-1.	OCT	12.	NOV	60.	89.	1443.				
ETP/MM/DA.	4.02	4.76	5.31	4.62	3.97	3.34	3.49	3.49	3.50	3.50	3.50	3.49	3.49	NOV	3.49	DEC	3.40	7.37					
MAI=PC/ETP	.00	.00	.00	.14	1.06	1.83	1.75	1.62	1.62	1.01	1.01	.89	.89	OCT	.43	NOV	.15	.46					

TABLE 1. CONT. .

	COJEDES												MEAN PRECIPITATION =1208-1448				
SERIAL NO.	2364	LAS VEGAS			COJEDES			LAT.	933	LONG.	6837	ELEV.	120	YEARS	S		
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.			
PREC.MAX.		37.	19.	22.	93.	183.	288.	478.	348.	196.	94.	161.	84.	1449.			
PREC.MIN.		0.	0.	0.	2.	61.	161.	149.	166.	94.	31.	7.	17.	1020.			
PREC.MEAN		10.	4.	5.	37.	117.	216.	269.	255.	127.	73.	55.	39.	1208.			
PREC.DEP.		0.	0.	0.	10.	74.	175.	173.	192.	98.	51.	14.	18.	1084.			
EVPC,MM/MO.		172.	194.	229.	216.	164.	142.	138.	140.	144.	154.	134.	146.	1977.			
ETP,MM/MO.		121.	136.	161.	155.	124.	115.	115.	116.	110.	113.	97.	105.	1470.			
ET.PEF.,MM.		121.	136.	161.	145.	50.	-60.	-58.	-76.	12.	62.	83.	87.	1494.			
ETP,MM/DA.		3.91	4.86	5.19	5.01	4.01	3.82	3.71	3.74	3.66	3.78	3.25	3.39	7.06			
MAI=PP/ETP		.00	.00	.00	.06	.59	1.53	1.60	1.65	.89	.45	.14	.17	.42			

TABLE 1. CONT.

## AVERAGE VALUES FOR COJEDES

COJEDES													MEAN PRECIPITATION = 1208-1448		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.	44.	37.	29.	181.	237.	348.	399.	313.	207.	261.	172.	77.	1812.		
PREC.MIN.	0.	0.	0.	11.	76.	145.	134.	139.	84.	46.	12.	8.	1076.		
PREC.MEAN	17.	7.	9.	76.	173.	230.	247.	217.	138.	137.	79.	34.	1361.		
PREC.DEP.	0.	0.	0.	22.	112.	175.	176.	170.	101.	85.	35.	13.	1194.		
EVPC.MM/MO.	175.	191.	233.	200.	159.	126.	174.	136.	140.	142.	138.	148.	1921.		
ETP.MM/MO.	124.	134.	164.	147.	124.	103.	110.	110.	108.	109.	102.	106.	1441.		
ET.DEF.VMM.	124.	134.	164.	125.	17.	-72.	-66.	-60.	7.	24.	67.	93.	1457.		
ETP.MM/DA.	4.00	4.80	5.29	4.75	4.00	3.43	3.55	3.56	3.59	3.62	3.40	3.42	7.26		
MAI=PD/ETP	.00	.00	.00	.15	.90	1.71	1.60	1.54	.94	.79	.34	.13	.45		

TABLE 1. CONT.

DTON.FEDERAL												MEAN PRECIPITATION =761-830			
SERIAL NO.	531	CARACAS CAGIAL DTO FEDERAL				LAT.	1030	LONG.	6555	ELEV.	1010	YEARS	75		
PREC.MAX.	106.	224.	191.	127.	208.	237.	232.	252.	288.	327.	217.	142.	1255.		
PREC.MIN.	0.	0.	0.	0.	0.	17.	26.	43.	27.	35.	18.	0.	459.		
PREC.MEAN	22.	12.	12.	33.	82.	109.	105.	113.	103.	109.	90.	43.	830.		
PREC.DEP.	3.	1.	0.	5.	42.	75.	64.	75.	63.	63.	56.	18.	686.		
EVPC.MM/MO.	172.	192.	235.	216.	168.	129.	125.	123.	116.	123.	129.	138.	1865.		
ETP.MM/MO.	122.	136.	166.	135.	124.	97.	64.	93.	87.	93.	96.	100.	1363.		
ET.DEF./MM.	119.	135.	166.	150.	87.	22.	30.	18.	24.	30.	40.	82.	1393.		
ETP.MM/DA.	3.94	4.84	5.55	4.99	4.02	3.24	3.03	3.00	2.91	3.09	3.20	3.21	5.76		
MAI=PD/FTP	.02	.01	.00	.03	.34	.77	.68	.81	.72	.68	.58	.18	.33		
DTON.FEDERAL												MEAN PRECIPITATION =761-830			
SERIAL NO.	1407	MAMO PLANTA				DTON FEDERAL	LAT.	1032	LONG.	6705	ELEV.	700	YEARS	26	
PREC.MAX.	283.	479.	107.	118.	187.	190.	239.	238.	254.	247.	321.	197.	1544.		
PREC.MIN.	0.	0.	0.	0.	0.	10.	13.	30.	31.	21.	3.	2.	388.		
PREC.MEAN	34.	27.	16.	27.	69.	67.	77.	90.	95.	108.	107.	45.	761.		
PREC.DEP.	3.	0.	0.	11.	31.	34.	41.	54.	70.	64.	55.	15.	541.		
EVPC.MM/MO.	190.	213.	261.	240.	185.	143.	139.	137.	128.	137.	143.	153.	2070.		
ETP.MM/MO.	135.	152.	185.	171.	137.	105.	103.	102.	96.	103.	108.	111.	1508.		
ET.DEF./MM.	133.	152.	185.	160.	106.	71.	62.	48.	26.	39.	53.	91.	1696.		
ETP.MM/DA.	4.39	5.43	5.96	5.52	4.41	3.50	3.31	3.29	3.19	3.44	3.59	3.57	6.13		
MAI=PD/FTP	.02	.00	.00	.06	.23	.32	.40	.53	.73	.62	.51	.14	.24		

TABLE 1. CONT.

## AVERAGE VALUES FOR DTC.FEDERAL

DTC.FEDERAL

MEAN PRECIPITATION = 761-830

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	194.	351.	104.	122.	197.	213.	235.	245.	271.	287.	269.	169.	1399.
PREC.MIN.	0.	0.	0.	0.	0.	13.	19.	38.	29.	28.	10.	1.	423.
PREC.MEAN	29.	19.	16.	30.	75.	86.	91.	101.	99.	108.	98.	44.	795.
PREC.DEP.	3.	1.	0.	8.	36.	54.	52.	54.	66.	63.	55.	16.	613.
EVPC.MM/MO.	181.	202.	249.	228.	177.	136.	132.	130.	122.	130.	136.	145.	1967.
ETP.MM/12.	129.	144.	175.	153.	131.	101.	98.	98.	91.	98.	102.	105.	1435.
ET.DEF.MM.	129.	143.	175.	153.	94.	46.	46.	33.	25.	35.	46.	89.	1545.
ETP.MM/12.	4.17	5.12	5.92	5.26	4.21	3.37	3.17	3.15	3.05	3.27	3.40	3.39	5.91
MAI=PP/ETP	.07	.00	.00	.05	.28	.55	.54	.67	.73	.65	.55	.16	.29

TABLE 1. CONT.

FALCON												MEAN PRECIPITATION = 556-685				
SERIAL NO.	1218	MAPARA				FALCON				LAT.	1048	LONG.	6926	ELEV.	708	YEARS
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.	115.	118.	97.	145.	2	171.	160.	133.	81.	154.	209.	135.	840.			
PREC.MIN.	0.	0.	0.	1.	5.	10.	8.	4.	13.	17.	54.	8.	467.			
PREC.MEAN	25.	22.	12.	37.	91.	64.	71.	69.	43.	73.	116.	56.	685.			
PREC.DEP.	6.	1.	0.	13.	43.	33.	38.	28.	14.	44.	76.	24.	511.			
EVPC.4M/4G.	147.	146.	218.	174.	176.	179.	168.	220.	207.	176.	136.	130.	2092.			
ETP.4M/4G.	101.	104.	154.	125.	131.	170.	178.	162.	149.	130.	103.	95.	1522.			
ET.PFF.4M.	25.	103.	154.	112.	33.	97.	100.	134.	175.	86.	27.	71.	1670.			
ETP.4M/PA.	3.26	3.71	4.96	4.93	4.23	4.34	4.46	5.21	4.93	4.34	3.44	3.05	5.93			
WATERPP/ETP	.06	.01	.00	.16	.37	.25	.27	.17	.09	.34	.74	.25	.23			
FALCON												MEAN PRECIPITATION = 556-685				
SERIAL NO.	198	PEDREGAL	INDS	FALCON				LAT.	1101	LONG.	7007	ELEV.	174	YEARS	18	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.	79.	73.	73.	97.	137.	123.	161.	165.	231.	307.	258.	56.	923.			
PREC.MIN.	0.	0.	0.	0.	0.	0.	2.	1.	41.	24.	7.	0.	271.			
PREC.MEAN	9.	3.	8.	38.	70.	35.	34.	64.	98.	145.	60.	22.	586.			
PREC.DEP.	0.	6.	0.	7.	14.	11.	7.	19.	61.	78.	18.	4.	424.			
EVPC.4M/4G.	150.	154.	229.	133.	145.	187.	198.	231.	218.	185.	143.	137.	2203.			
ETP.4M/4G.	105.	108.	161.	132.	158.	134.	142.	159.	163.	143.	104.	97.	1595.			
ET.PFF.4M.	105.	108.	161.	125.	122.	123.	135.	150.	102.	65.	86.	93.	1764.			
ETP.4M/PA.	3.41	3.88	5.27	4.24	4.39	4.47	4.56	5.45	5.44	4.76	3.48	3.14	5.99			
WATERPP/ETP	.06	.00	.00	.06	.10	.08	.09	.11	.27	.55	.17	.04	.19			

TABLE I. CONT.

## AVERAGE VALUES FOR FALCON

FALCON													MEAN PRECIPITATION = 536-685		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC. MAX.	95.	70.	77.	116.	195.	147.	165.	149.	156.	230.	273.	95.	881.		
PREC. MIN.	0.	0.	0.	1.	3.	5.	6.	3.	27.	20.	39.	4.	369.		
PREC. MEAN	17.	13.	19.	38.	50.	49.	52.	68.	69.	111.	98.	39.	635.		
PREC. DEP.	3.	1.	10.	10.	31.	22.	22.	23.	38.	61.	47.	14.	467.		
EVPC, MM/MO.	145.	158.	223.	179.	169.	192.	193.	225.	212.	130.	179.	133.	2147.		
ETP, MM/MO.	103.	106.	158.	129.	134.	132.	140.	165.	150.	136.	104.	98.	1559.		
ETP, MM/MM.	100.	102.	156.	118.	107.	119.	118.	142.	119.	75.	57.	82.	1717.		
ETP, MM/DEP.	3.3 <sup>a</sup>	3.7 <sup>a</sup>	5.0 <sup>a</sup>	4.14	4.31	4.41	4.52	5.03	5.21	4.55	3.45	3.10	5.98		
MAPEP/ETP	.73	.80	.80	.88	.93	.17	.16	.14	.27	.44	.45	.15	.21		

TABLE I. CONT.

## FALCON

MEAN PRECIPITATION = 1074-1536

SERIAL NO. 1303 ARURIMA

FALCON

LAT. 1056 LONG. 6839 ELEV.

10 YEARS 7

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	195.	150.	61.	332.	372.	355.	264.	257.	311.	187.	337.	338.	2272.
PREC.MIN.	16.	2.	3.	9.	22.	100.	58.	52.	70.	19.	75.	70.	969.
PREC.MEAN	66.	45.	21.	121.	175.	219.	172.	135.	133.	115.	158.	176.	1536.
PREC.DEP.	13.	9.	4.	10.	89.	177.	141.	77.	70.	69.	79.	71.	1265.
EVPC.MM/MO.	171.	195.	230.	182.	151.	108.	119.	130.	145.	151.	132.	141.	1858.
ETP.MM/MO.	125.	141.	163.	138.	119.	97.	94.	100.	111.	114.	103.	111.	1407.
ET.DEF..MM.	106.	132.	159.	128.	30.	-90.	-47.	23.	41.	45.	24.	40.	1463.
ETP.MM/DA.	4.04	5.03	5.27	4.46	3.94	2.91	3.02	3.22	3.70	3.81	3.43	3.58	7.47
MAI=PD/ETP	.15	.06	.02	.07	.75	2.02	1.51	.77	.63	.60	.77	.64	.46

## FALCON

MEAN PRECIPITATION = 1074-1536

SERIAL NO. 1028 PUENTE DON PANCHO

FALCON

LAT. 1044 LONG. 7100 ELEV.

7 YEARS 9

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	104.	34.	28.	155.	302.	459.	174.	231.	194.	201.	206.	123.	1604.
PREC.MIN.	0.	0.	0.	16.	21.	17.	32.	66.	72.	81.	45.	8.	741.
PREC.MEAN	22.	12.	9.	69.	115.	148.	105.	139.	153.	151.	107.	42.	1074.
PREC.DEP.	5.	1.	1.	44.	62.	32.	62.	85.	142.	134.	58.	16.	970.
EVPC.MM/MO.	170.	196.	237.	188.	170.	160.	180.	174.	160.	136.	120.	134.	2026.
ETP.MM/MO.	121.	138.	167.	138.	129.	124.	135.	134.	124.	105.	90.	97.	1503.
ET.DEF..MM.	116.	137.	166.	94.	67.	92.	73.	49.	-18.	-29.	32.	81.	1536.
ETP.MM/DA.	3.90	4.94	5.39	4.45	4.16	4.13	4.37	4.32	4.14	3.52	3.01	3.12	6.87
MAI=PD/ETP	.04	.01	.01	.32	.48	.26	.46	.63	1.14	1.27	.64	.17	.39

TABLE I. CONT.

FALCON

MEAN PRECIPITATION = 1074-1536

SERIAL NO.	396	TOCUYO DE LA COSTA	FALCON	LAT. 1101	LONG. 6822	ELEV.	20	YEARS	14				
PREC.MAX.	370.	91.	154.	175.	251.	182.	224.	354.	204.	345.	555.	510.	2116.
PREC.MIN.	8.	0.	0.	0.	6.	0.	0.	8.	4.	33.	79.	20.	701.
PREC.MEAN	91.	27.	27.	40.	76.	57.	77.	106.	92.	184.	269.	181.	1218.
PREC.DEP.	23.	10.	6.	7.	33.	12.	32.	43.	28.	108.	184.	63.	874.
EVPC.MM/MO.	140.	146.	180.	174.	164.	176.	186.	209.	184.	162.	124.	130.	1973.
FTP.MM/MO.	104.	104.	128.	125.	121.	123.	137.	157.	138.	128.	103.	103.	1477.
ET.DEF..MM.	81.	94.	122.	118.	88.	116.	105.	114.	108.	20.	-81.	40.	1709.
ETP.MM/DA.	3.37	3.72	4.14	4.04	3.90	4.27	4.43	5.08	4.54	4.28	3.45	3.31	7.08
MAI=PD/FTP	.22	.10	.05	.06	.27	.09	.23	.27	.21	.84	1.78	.61	.34

TABLE 1. CONT.

## AVERAGE VALUES FOR FALCON

FALCON													MEAN PRECIPITATION = 1074-1536		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.	223.	92.	31.	221.	308.	332.	227.	281.	236.	244.	366.	324.	1997.		
PREC.MIN.	8.	1.	1.	8.	16.	39.	30.	42.	49.	44.	66.	33.	804.		
PREC.MEAN	60.	28.	19.	77.	122.	141.	118.	127.	123.	150.	178.	133.	1276.		
PREC.DEF.	15.	7.	4.	20.	61.	74.	78.	68.	80.	104.	107.	50.	1036.		
EVPC.MM/MO.	160.	179.	216.	181.	162.	148.	162.	171.	163.	150.	125.	135.	1952.		
ETP.MM/MO.	117.	128.	153.	134.	123.	113.	122.	130.	124.	116.	99.	103.	1462.		
ET.P.MM/DA.	101.	121.	149.	114.	62.	39.	44.	62.	44.	12.	-8.	53.	1569.		
MAI=PD/FTP	3.77	4.56	4.93	4.32	3.97	3.77	3.94	4.20	4.13	3.87	3.30	3.34	7.14		
	.14	.06	.03	.15	.50	.79	.73	.56	.66	.91	1.06	.47	.40		

TABLE 1. CONT.

## GUARICO

MEAN PRECIPITATION = 1068-1152

SERIAL NO.	2419	LA PALMITA	GUARICO	LAT.	936	LONG.	6728	ELEV.	300	YEARS	10
PREC.MAX.	131.	117.	95.	274.	192.	153.	89.	172.	129.	282.	477.
PREC.MIN.	8.	7.	6.	42.	11.	16.	13.	24.	28.	62.	62.
PREC.MEAN	47.	52.	38.	115.	116.	83.	45.	89.	74.	147.	218.
PREC.DEP.	23.	22.	8.	53.	81.	48.	19.	66.	53.	85.	115.
EVPC,MM/MO.	145.	153.	159.	161.	161.	161.	169.	189.	189.	181.	207.
ETP,MM/MO.	105.	111.	114.	122.	122.	119.	122.	141.	139.	140.	137.
ET.DEF.,MM.	82.	89.	106.	69.	41.	71.	103.	75.	86.	55.	52.
ETP,MM/DA.	3.39	3.97	3.69	3.93	3.94	3.98	3.94	4.54	4.64	4.67	5.58
MAI=PD/FTP	.22	.20	.07	.43	.66	.40	.16	.47	.38	.61	.69
										.60	.36

## GUARICO

MEAN PRECIPITATION = 1068-1152

SERIAL NO.	2552	EL PLAYON-QUEBRADA H.	GUARICO	LAT.	935	LONG.	6706	ELEV.	210	YEARS	6
PREC.MAX.	5.	17.	0.	34.	422.	279.	317.	227.	173.	143.	159.
PREC.MIN.	0.	0.	0.	0.	79.	189.	141.	82.	51.	20.	14.
PREC.MEAN	2.	5.	0.	10.	184.	234.	238.	155.	108.	84.	97.
PREC.DEP.	0.	0.	0.	0.	86.	208.	178.	103.	82.	40.	48.
EVPC,MM/MO.	196.	204.	272.	236.	176.	124.	106.	122.	126.	140.	138.
ETP,MM/MO.	137.	143.	190.	166.	139.	101.	87.	95.	95.	104.	103.
ET.DEF.,MM.	137.	143.	190.	166.	53.	-107.	-91.	-8.	13.	64.	55.
ETP,MM/DA.	4.43	5.12	6.14	5.37	4.50	3.38	2.80	3.06	3.17	3.46	3.44
MAI=PD/FTP	.00	.00	.00	.00	.62	2.05	2.05	1.09	.86	.39	.46
									.02	.40	

TABLE 1. CONT.

GUARICO												MEAN PRECIPITATION =1068-1152				
SERIAL NO.	2495	EL RASTRO MOP			GUARICO			LAT.	903	LONG.	6728	ELEV.	100	YEARS	10	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.		1.	3.	24.	109.	288.	482.	258.	332.	244.	206.	133.	51.	1340.		
PREC.MIN.		0.	0.	0.	0.	0.	114.	132.	130.	59.	20.	7.	0.	886.		
PREC.MEAN		0.	1.	4.	42.	101.	247.	202.	198.	133.	111.	62.	9.	1110.		
PREC.DEP.		0.	0.	0.	0.	44.	169.	178.	171.	79.	83.	31.	0.	999.		
EVPC.MM/MO.	197.	213.	244.	242.	165.	125.	119.	123.	127.	151.	145.	165.	2013.			
ETP.MM/MO.	122.	149.	171.	174.	124.	103.	95.	95.	97.	114.	106.	116.	1487.			
ET.CEF..MM.	138.	149.	171.	174.	80.	-66.	-83.	-73.	18.	31.	75.	116.	1527.			
ETP.MM/DA.	4.45	5.33	5.53	5.63	3.99	3.43	3.07	3.17	3.24	3.80	3.53	3.75	6.92			
MAIEPD/FTP	.00	.00	.00	.00	.36	1.64	1.87	1.74	.81	.73	.29	.00	.40			
GUARICO												MEAN PRECIPITATION =1068-1152				
SERIAL NO.	2539	SAN ANTONIO DE TAMAN.			GUARICLAT.			940	LONG.	6602	ELEV.	250	YEARS	6		
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.		62.	13.	1.	31.	132.	334.	344.	241.	233.	186.	145.	60.	1291.		
PREC.MIN.		0.	0.	0.	0.	40.	79.	144.	150.	76.	57.	12.	9.	892.		
PREC.MEAN		15.	5.	0.	12.	89.	175.	235.	175.	160.	93.	77.	31.	1068.		
PREC.DEP.		0.	0.	0.	0.	53.	99.	176.	151.	108.	61.	44.	14.	896.		
EVPC.MM/MO.	164.	193.	229.	215.	197.	134.	152.	144.	142.	160.	138.	156.	2028.			
ETP.MM/MO.	116.	136.	160.	152.	147.	106.	124.	113.	111.	119.	102.	112.	1497.			
ET.CEF..MM.	116.	176.	160.	152.	94.	7.	-52.	-38.	3.	58.	58.	98.	1607.			
ETP.MM/DA.	3.74	4.84	5.17	4.90	4.73	3.52	4.01	3.66	3.69	3.98	3.40	3.60	6.86			
MAIEPD/FTP	.00	.00	.00	.00	.36	.94	1.42	1.33	.98	.51	.43	.13	.36			

TABLE 1. CONT.

## GUARICO

## MEAN PRECIPITATION = 1068-1152

SERIAL NO.	2469	FL SOMPERO	GUARICO	LAT.	923	LONG.	6703	ELEV.	157	YEARS	10		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	12.	4.	3.	151.	340.	337.	304.	240.	143.	221.	171.	120.	1471.
PREC.MIN.	0.	0.	0.	0.	21.	58.	139.	103.	51.	38.	6.	1.	671.
PREC.MEAN	3.	1.	1.	28.	150.	224.	212.	163.	115.	93.	70.	20.	1080.
PREC.DEP.	0.	0.	0.	1.	108.	157.	184.	171.	106.	45.	32.	2.	930.
EVPC,MM/MO.	174.	204.	241.	237.	175.	130.	127.	130.	132.	142.	150.	182.	2024.
ETP,MM/MO.	122.	143.	169.	168.	136.	106.	102.	102.	100.	106.	110.	129.	1492.
ET.DEF.,MM.	122.	143.	169.	165.	23.	-51.	-82.	-19.	-6.	61.	78.	127.	1580.
ETP,MM/DA.	3.94	5.10	5.45	5.37	4.40	3.52	3.30	3.28	3.33	3.53	3.67	4.17	6.88
MAI=PD/ETP	.00	.00	.00	.01	.79	1.49	1.80	1.19	1.06	.42	.29	.02	.37

## GUARICO

## MEAN PRECIPITATION = 1068-1152

SERIAL NO.	2678	ZARAZA INOS	GUARICO	LAT.	921	LONG.	6511	ELEV.	122	YEARS	16		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	33.	51.	22.	169.	205.	270.	380.	310.	345.	275.	231.	134.	1561.
PREC.MIN.	0.	0.	0.	0.	18.	89.	182.	125.	68.	70.	15.	2.	860.
PREC.MEAN	11.	6.	3.	30.	85.	187.	245.	207.	129.	134.	81.	34.	1152.
PREC.DEP.	1.	0.	0.	0.	42.	156.	202.	151.	83.	95.	41.	10.	1024.
EVPC,MM/MO.	172.	182.	214.	202.	180.	150.	156.	150.	138.	162.	146.	146.	1997.
ETP,MM/MO.	121.	123.	150.	144.	134.	119.	128.	121.	106.	124.	108.	105.	1488.
ET.DEF.,MM.	120.	128.	150.	144.	92.	-37.	-74.	-30.	23.	29.	67.	95.	1524.
ETP,MM/DA.	3.91	4.57	4.84	4.66	4.31	3.97	4.14	3.99	3.52	4.14	3.60	3.38	6.98
MAI=PD/ETP	.01	.00	.00	.00	.31	1.31	1.57	1.25	.79	.76	.38	.10	.40

TABLE I. CONT.

## AVERAGE VALUES FOR GUARICO

	GUARICO												MEAN PRECIPITATION =1068-1152	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.	41.	34.	24.	128.	263.	309.	282.	254.	211.	219.	219.	108.	1469.	
PREC.MIN.	1.	1.	0.	7.	28.	91.	125.	102.	55.	44.	19.	7.	840.	
PREC.MEAN	13.	17.	8.	39.	121.	192.	196.	164.	120.	110.	101.	34.	1111.	
PREC.DEP.	4.	4.	1.	9.	69.	139.	156.	127.	85.	68.	52.	15.	962.	
EVPC.MM/MO.	175.	141.	226.	215.	175.	137.	138.	143.	142.	156.	154.	158.	2012.	
ETP.MM/MO.	123.	135.	159.	154.	134.	109.	110.	112.	108.	118.	116.	113.	1491.	
ET.DEP./MM.	113.	131.	158.	145.	55.	-31.	-46.	-15.	23.	50.	64.	98.	1564.	
ETP.MM/DA.	3.99	4.82	5.18	4.98	4.31	3.63	3.54	3.60	3.60	3.93	3.87	3.64	6.92	
MAI=PO/ETP	.04	.03	.01	.07	.52	1.31	1.49	1.18	.81	.57	.42	.14	.38	

TABLE 1. CONT.

LARA

## MEAN PRECIPITATION = 352-703

SERIAL NO. 1199	ARANGUES	LARA	LAT.	1001	LONG.	7004	ELEV.	574	YEARS	28			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	95.	157.	143.	344.	309.	146.	71.	154.	203.	430.	254.	126.	1155.
PREC.MIN.	0.	0.	0.	0.	13.	0.	0.	0.	17.	41.	8.	0.	417.
PREC.MEAN	18.	23.	36.	97.	77.	31.	21.	45.	73.	149.	94.	41.	703.
PREC.DEP.	0.	0.	0.	33.	28.	6.	5.	17.	43.	91.	37.	14.	545.
EVPC.MM/MO.	175.	190.	212.	159.	160.	203.	225.	220.	191.	149.	125.	151.	2160.
ETP.MM/MO.	124.	135.	152.	126.	118.	145.	160.	159.	133.	115.	93.	109.	1571.
ET.PCP.,MM.	124.	135.	144.	93.	90.	139.	155.	142.	90.	24.	56.	95.	1726.
ETP.MM/DA.	4.00	4.83	4.91	4.08	3.81	4.84	5.16	5.13	4.44	3.85	3.11	3.51	6.22
MAIEPD/FTP	.00	.00	.05	.26	.24	.04	.03	.11	.32	.79	.40	.13	.24

LARA

## MEAN PRECIPITATION = 352-703

SERIAL NO. 1271	ARENALES	LARA	LAT.	1009	LONG.	6954	ELEV.	490	YEARS	20			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	125.	51.	30.	308.	315.	130.	130.	122.	155.	290.	182.	100.	884.
PREC.MIN.	0.	0.	0.	1.	11.	3.	3.	2.	10.	22.	24.	0.	344.
PREC.MEAN	16.	14.	20.	62.	80.	33.	26.	44.	57.	113.	81.	33.	581.
PREC.DEP.	1.	1.	0.	16.	28.	10.	6.	12.	26.	62.	42.	7.	452.
EVPC.MM/MO.	179.	194.	216.	172.	163.	207.	229.	225.	185.	152.	128.	154.	2205.
ETP.MM/MO.	127.	137.	153.	126.	121.	142.	163.	162.	135.	115.	95.	110.	1593.
ET.PCP.,MM.	126.	136.	153.	110.	93.	138.	157.	150.	109.	53.	53.	103.	1732.
ETP.MM/DA.	4.09	4.30	4.95	4.06	3.89	4.94	5.27	5.24	4.49	3.83	3.16	3.56	5.98
MAIEPD/FTP	.01	.01	.00	.13	.23	.07	.04	.07	.19	.54	.44	.06	.21

TABLE 1. CONT.

## LARA

## MEAN PRECIPITATION = 352-703

SERIAL NO.	1231	BARAGUA		LARA		LAT. 1034 LONG. 6956 ELEV. 500 YEARS 18											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.			
PREC.MAX.		13.	65.	138.	189.	221.	116.	95.	302.	197.	214.	255.	96.	886.			
PREC.MIN.		0.	0.	0.	0.	0.	0.	0.	0.	13.	11.	0.	0.	157.			
PREC.MEAN		2.	5.	11.	45.	65.	29.	22.	58.	72.	116.	56.	16.	497.			
PREC.DEP.		0.	0.	0.	7.	8.	0.	0.	2.	33.	64.	14.	0.	361.			
EVPC.MM/MO.	181.	197.	219.	174.	165.	210.	232.	228.	188.	154.	130.	156.	2235.				
ETP.MM/MO.	127.	138.	155.	126.	121.	150.	165.	166.	138.	117.	95.	110.	1608.				
ET.DEF.MM.	127.	138.	155.	119.	113.	150.	165.	164.	105.	53.	81.	110.	1759.				
ETP.MM/DA.	4.09	4.94	4.98	4.08	3.90	5.00	5.32	5.36	4.81	3.89	3.15	3.56	5.81				
MAI=PPD/FTP	.00	.00	.00	.06	.07	.00	.00	.01	.24	.55	.15	.00	.17				

## LARA

## MEAN PRECIPITATION = 352-703

SERIAL NO.	1287	BARQUISMETO INOS		LARA		LAT. 1004 LONG. 6919 ELEV. 540 YEARS 18											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.			
PREC.MAX.		40.	33.	28.	136.	114.	169.	148.	130.	91.	139.	90.	58.	674.			
PREC.MIN.		0.	0.	0.	3.	13.	13.	13.	8.	3.	5.	3.	4.	316.			
PREC.MEAN		5.	4.	5.	59.	74.	86.	72.	46.	32.	39.	40.	24.	489.			
PREC.DEP.		0.	0.	0.	20.	51.	36.	43.	16.	21.	21.	21.	9.	421.			
EVPC.MM/MO.	181.	197.	219.	175.	166.	210.	233.	228.	188.	154.	130.	157.	2238.				
ETP.MM/MO.	127.	138.	154.	128.	122.	156.	171.	165.	135.	111.	94.	112.	1613.				
ET.DEF.MM.	127.	138.	154.	108.	71.	120.	128.	149.	114.	90.	73.	103.	1693.				
ETP.MM/DA.	4.10	4.94	4.98	4.12	3.95	5.20	5.53	5.32	4.49	3.69	3.12	3.61	5.79				
MAI=PPD/FTP	.00	.00	.00	.16	.42	.23	.25	.10	.16	.19	.22	.08	.20				

TABLE 1. CONT.

## LARA

## MEAN PRECIPITATION = 352-703

SERIAL NO.	CARCARA LA GRANJA	LARA	LAT.	1010	LONG.	7006	ELEV.	420	YEARS	18					
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	160.	49.	115.	119.	205.	78.	78.	137.	161.	274.	333.	78.	968.		
PREC.MIN.	0.	0.	0.	8.	12.	1.	1.	0.	6.	28.	23.	0.	328.		
PREC.MEAN	26.	10.	27.	56.	86.	27.	21.	39.	80.	119.	104.	33.	628.		
PREC.CEP.	0.	0.	1.	22.	33.	6.	6.	6.	48.	64.	41.	15.	417.		
EVPC.MM/MO.	177.	193.	214.	171.	162.	205.	228.	223.	184.	151.	127.	153.	2188.		
ETP.MM/MO.	125.	136.	153.	124.	120.	147.	162.	150.	136.	115.	95.	110.	1585.		
ET.DEF.MM.	126.	136.	152.	102.	37.	141.	156.	154.	38.	51.	55.	95.	1802.		
ETP.MM/DA.	4.07	4.96	4.93	4.02	3.83	4.90	5.27	5.18	4.54	3.82	3.18	3.54	6.08		
MAIEPD/ETP	.00	.00	.01	.18	.27	.04	.04	.04	.35	.56	.43	.14	.19		

## LARA

## MEAN PRECIPITATION = 352-703

SERIAL NO.	CURARIGUA	LARA	LAT.	959	LONG.	6956	ELEV.	700	YEARS	17					
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	235.	63.	64.	203.	332.	124.	48.	210.	255.	262.	243.	120.	1263.		
PREC.MIN.	0.	0.	0.	2.	12.	1.	0.	0.	5.	22.	8.	0.	200.		
PREC.MEAN	24.	13.	17.	51.	97.	38.	17.	41.	65.	136.	96.	37.	632.		
PREC.CEP.	0.	0.	0.	15.	45.	18.	2.	4.	18.	64.	42.	10.	467.		
EVPC.MM/MO.	182.	186.	231.	178.	169.	150.	159.	199.	188.	182.	140.	152.	2115.		
ETP.MM/MO.	130.	131.	164.	129.	126.	108.	113.	143.	138.	140.	105.	109.	1536.		
ET.DEF.MM.	130.	131.	164.	114.	81.	97.	111.	139.	120.	76.	63.	99.	1682.		
ETP.MM/DA.	4.18	4.69	5.28	4.17	4.08	3.59	3.67	4.63	4.59	4.66	3.49	3.52	5.89		
MAIEPD/ETP	.70	.00	.00	.12	.36	.17	.02	.03	.17	.46	.40	.09	.22		

TABLE 1. CONT.

LARA												MEAN PRECIPITATION = 352-703			
SERIAL NO. 1233	SIGUISSIQUE			LARA			LAT.	1035	LONG.	6936	ELEV.	400	YEARS	19	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.	17.	10.	18.	116.	180.	119.	139.	150.	149.	162.	134.	100.	588.		
PREC.MIN.	0.	0.	0.	0.	1.	0.	0.	0.	0.	7.	3.	0.	131.		
PREC.MEAN	2.	2.	2.	25.	52.	35.	39.	34.	32.	61.	48.	18.	352.		
PREC.DEP.	0.	0.	0.	1.	18.	7.	14.	14.	6.	17.	13.	1.	294.		
EVPC.MM/MO.	185.	201.	224.	178.	169.	215.	238.	233.	197.	158.	133.	160.	2288.		
ETP.MM/MO.	130.	141.	157.	127.	123.	154.	171.	167.	137.	115.	96.	113.	1632.		
ET.DEF.MM.	177.	141.	157.	126.	105.	147.	157.	153.	131.	98.	83.	112.	1710.		
ETP.MM/DA.	4.18	5.03	5.07	4.09	3.96	5.14	5.52	5.39	4.58	3.85	3.21	3.66	5.49		
MAIEPD/ETP	.00	.00	.00	.01	.15	.05	.08	.08	.04	.15	.14	.01	.15		

  

LARA												MEAN PRECIPITATION = 352-703			
SERIAL NO. 2215	SAN MIGUEL			LARA			LAT.	952	LONG.	6930	ELEV.	1098	YEARS	10	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.	17.	37.	30.	108.	117.	187.	89.	54.	61.	125.	151.	116.	864.		
PREC.MIN.	0.	0.	0.	1.	24.	7.	13.	8.	4.	12.	11.	3.	134.		
PREC.MEAN	5.	7.	7.	32.	51.	51.	40.	29.	27.	38.	49.	33.	370.		
PREC.DEP.	0.	0.	0.	7.	26.	13.	14.	13.	14.	15.	17.	8.	168.		
EVPC.MM/MO.	159.	172.	214.	155.	157.	139.	147.	184.	174.	169.	129.	141.	1960.		
ETP.MM/MO.	119.	121.	151.	118.	114.	101.	106.	131.	124.	122.	93.	101.	1401.		
ET.DEF.MM.	119.	121.	151.	111.	88.	88.	92.	118.	110.	107.	76.	93.	1567.		
ETP.MM/DA.	3.83	4.32	4.86	3.81	3.67	3.36	3.41	4.24	4.14	4.05	3.12	3.26	4.75		
MAIEPD/ETP	.00	.00	.00	.06	.23	.13	.13	.10	.11	.12	.18	.08	.10		

TABLE 1. CON'T.

LARA

MEAN PRECIPITATION = 352-703

SERIAL NO. 2222	TOCUYS	LAPA	LAT.	946	LONG.	6947	ELEV.	900	YEARS	10			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	47.	24.	64.	73.	157.	103.	74.	97.	72.	100.	173.	137.	704.
PREC.MIN.	0.	0.	0.	23.	12.	34.	21.	13.	12.	25.	2.	2.	368.
PREC.MEAN	15.	4.	20.	50.	30.	66.	42.	46.	40.	67.	55.	35.	520.
PREC.DEP.	2.	0.	0.	38.	48.	45.	25.	29.	21.	35.	23.	14.	413.
EVPC,MM/MO.	166.	177.	199.	154.	160.	156.	175.	193.	195.	177.	134.	148.	2030.
ETP,MM/MO.	117.	124.	141.	112.	113.	114.	126.	145.	140.	130.	97.	106.	1467.
ET.DEF.,MM.	115.	124.	141.	74.	70.	65.	101.	111.	119.	95.	74.	92.	1536.
ETP,MM/DA.	3.79	4.44	4.56	3.60	3.82	3.81	4.07	4.50	4.63	4.33	3.25	3.43	5.34
MAI=PD/ETP	.02	.00	.00	.34	.41	.39	.20	.21	.15	.27	.24	.13	.21

TABLE 1. CONT.

## AVERAGE VALUES FOR LARA

LARA	MEAN PRECIPITATION = 352-703												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	87.	54.	77.	177.	217.	130.	97.	151.	149.	222.	202.	103.	887.
PREC.MIN.	0.	0.	0.	4.	11.	7.	6.	3.	8.	19.	9.	1.	266.
PREC.MEAN	13.	9.	16.	53.	74.	44.	33.	42.	53.	93.	69.	30.	530.
PREC.DEP.	0.	0.	1.	18.	32.	16.	13.	13.	26.	48.	28.	9.	393.
EVPC.MM/MC.	177.	190.	215.	171.	163.	189.	207.	215.	186.	161.	131.	152.	2158.
FTP.MM/MC.	125.	134.	152.	124.	120.	134.	140.	155.	135.	120.	95.	104.	1556.
ET.DEF./MM.	125.	134.	152.	106.	89.	120.	136.	142.	110.	72.	68.	100.	1690.
ETP.MM/PA.	4.04	4.77	4.94	4.00	3.83	4.53	4.79	5.00	4.51	4.00	3.20	3.52	5.71
WATER/FTP	.00	.00	.01	.14	.25	.12	.09	.08	.10	.40	.29	.08	.19

TABLE 1. CONT.

		LARA												MEAN PRECIPITATION =1063-1359			
SERIAL NO.	1228	MOPCTIPO	LARA		LAT. 1033 LONG. 6911 ELEV. 500 YEARS 20												
		JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC			LAT.	LONG.	ELEV.	500	YEARS	20	ANN.						
PREC.MAX.	169.	155.	64.	178.	289.	499.	390.	547.	154.	180.	222.	141.	1954.				
PREC.MIN.	0.	0.	0.	21.	40.	45.	100.	55.	25.	20.	26.	4.	710.				
PREC.MEAN	31.	19.	14.	64.	132.	175.	202.	175.	81.	110.	93.	63.	1164.				
PREC.DEP.	5.	0.	0.	30.	94.	103.	134.	103.	61.	92.	46.	40.	991.				
EVPC,MM/MO.	161.	175.	195.	155.	147.	187.	207.	203.	167.	138.	116.	140.	1993.				
ETP,MM/MO.	115.	124.	139.	113.	113.	143.	166.	160.	124.	104.	87.	102.	1493.				
ET,MM/MO.	109.	124.	138.	83.	19.	45.	32.	57.	63.	12.	41.	52.	1564.				
ET,MM/DA.	3.72	4.43	4.45	3.66	3.63	4.92	5.35	5.16	4.12	3.47	2.89	3.30	7.00				
MAIEPD/FTP	.05	.00	.00	.26	.23	.70	.81	.64	.49	.88	.53	.39	.39				
		LARA												MEAN PRECIPITATION =1063-1359			
SERIAL NO.	2229	SARARE	LARA		LAT. 947 LONG. 6909 ELEV. 450 YEARS 15												
		JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC			LAT.	LONG.	ELEV.	450	YEARS	15	ANN.						
PREC.MAX.	107.	57.	36.	172.	374.	431.	344.	400.	204.	238.	182.	100.	506.				
PREC.MIN.	0.	0.	0.	1.	52.	162.	150.	0.	61.	50.	18.	8.	989.				
PREC.MEAN	18.	9.	11.	69.	201.	238.	239.	168.	139.	129.	95.	44.	1359.				
PREC.DEP.	1.	0.	0.	30.	156.	175.	200.	97.	103.	97.	37.	23.	1174.				
EVPC,MM/MO.	179.	192.	238.	198.	156.	123.	135.	136.	138.	136.	142.	148.	1922.				
ETP,MM/MO.	127.	135.	168.	145.	125.	101.	111.	107.	106.	104.	106.	107.	1442.				
ET,DEF.,MM.	126.	135.	168.	115.	-31.	-74.	-89.	10.	3.	7.	69.	84.	1477.				
ETP,MM/DA.	4.09	4.83	5.42	4.69	4.03	3.36	3.57	3.44	3.54	3.47	3.54	3.45	7.26				
MAIEPD/FTP	.01	.00	.00	.21	1.25	1.74	1.81	.91	.97	.93	.35	.22	.44				

TABLE 1. CONT.

## LARA

## MEAN PRECIPITATION = 1063-1359

SERIAL NO.	2118	EMPEDRADO	LARA	LAT.	952	LONG.	7016	ELEV.	900	YEARS	28					
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	286.	135.	112.	231.	343.	150.	185.	235.	318.	293.	349.	191.	182	8.		
PREC.MIN.	0.	0.	0.	16.	13.	12.	0.	0.	42.	77.	19.	0.	63	8.		
PREC.MEAN	33.	29.	42.	106.	142.	78.	54.	96.	153.	163.	132.	46.	107	4.		
PREC.DEP.	8.	9.	20.	72.	84.	55.	28.	58.	95.	109.	80.	11.	87	8.		
EVPC.MM/MO.	172.	185.	229.	190.	150.	118.	129.	131.	133.	131.	137.	142.	184	7.		
ETP.MM/MO.	127.	132.	165.	143.	115.	87.	94.	93.	103.	102.	105.	103.	137	1.		
ET.DEF.,MM.	115.	123.	145.	71.	32.	32.	66.	40.	8.	-7.	25.	92.	140	7.		
ETP.MM/DA.	3.9	4.72	5.33	4.62	3.73	2.91	3.03	3.16	3.44	3.41	3.50	3.31	6.26			
MAIEPD/ETP	.06	.07	.12	.50	.73	.63	.30	.59	.92	1.06	.76	.11	.38			

## LARA

## MEAN PRECIPITATION = 1063-1359

SERIAL NO.	2106	JABON	LARA	LAT.	948	LONG.	7006	ELEV.	600	YEARS	26					
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	316.	229.	181.	246.	433.	179.	150.	313.	274.	466.	630.	224.	221	1.		
PREC.MIN.	0.	0.	1.	12.	6.	10.	0.	0.	28.	76.	19.	3.	72	0.		
PREC.MEAN	46.	36.	60.	131.	178.	81.	44.	106.	143.	248.	192.	81.	134	6.		
PREC.DEP.	3.	7.	16.	72.	100.	39.	14.	38.	98.	176.	114.	37.	109	2.		
EVPC.MM/MO.	179.	192.	238.	198.	156.	123.	134.	136.	138.	136.	142.	148.	192	0.		
ETP.MM/MO.	129.	138.	174.	152.	123.	91.	97.	102.	106.	112.	113.	110.	144	7.		
ET.DEF.,MM.	125.	131.	158.	80.	23.	52.	83.	64.	8.	-64.	-14.	73.	154	4.		
ETP.MM/DA.	4.17	4.92	5.60	4.89	3.97	3.04	3.12	3.30	3.55	3.74	3.77	3.54	7.22			
MAIEPD/ETP	.0?	.05	.09	.48	.81	.43	.14	.37	.92	1.57	1.01	.34	.41			

TABLE 1. CONT.

LARA												MEAN PRECIPITATION = 1063-1359		
SERIAL NO.	1174	QUEBRADA ARRIBA LARA				LAT.	1014	LONG.	7032	ELEV.	600	YEARS	19	
PREC.MAX.	117.	142.	88.	310.	181.	337.	229.	283.	411.	417.	399.	68.	2039.	
PREC.MIN.	0.	0.	0.	12.	0.	0.	0.	0.	80.	61.	19.	0.	630.	
PREC.MEAN	25.	18.	20.	102.	114.	68.	73.	118.	180.	177.	130.	39.	1063.	
PREC.DEP.	1.	0.	0.	44.	86.	23.	29.	68.	102.	110.	44.	22.	821.	
EVPC.MM/MO.	164.	178.	199.	158.	150.	198.	210.	208.	172.	140.	117.	142.	2022.	
ETP.MM/MO.	117.	126.	141.	119.	114.	139.	155.	156.	134.	110.	90.	102.	1503.	
ET.DEF.,MM.	116.	126.	141.	76.	28.	116.	126.	88.	32.	0.	46.	80.	1669.	
ETP.MM/DA.	3.77	4.51	4.53	3.83	3.56	4.65	4.99	5.04	4.48	3.68	2.98	3.30	6.82	
MAI=PD/FTP	.01	.00	.00	.37	.76	.16	.19	.43	.76	1.00	.49	.22	.33	

TABLE 1. CONT.

## AVERAGE VALUES FOR LARA

LARA	MEAN PRECIPITATION =1063-1359												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	199.	144.	96.	227.	324.	319.	260.	356.	272.	319.	356.	145.	1944.
PREC.MIN.	n.	0.	0.	12.	22.	46.	50.	11.	47.	57.	20.	3.	737.
PREC.MEAN	31.	22.	29.	94.	153.	129.	122.	133.	139.	165.	128.	55.	1201.
PREC.DEP.	4.	3.	7.	50.	104.	79.	81.	73.	92.	117.	64.	27.	991.
EVPC,MM/MO.	171.	104.	223.	130.	152.	149.	152.	152.	149.	136.	131.	144.	1941.
ETP,MM/MO.	122.	131.	157.	134.	118.	113.	124.	125.	115.	107.	100.	105.	1451.
ET.OFF.,MM.	119.	128.	150.	95.	14.	34.	43.	52.	23.	-10.	36.	78.	1532.
ETP,MM/DA.	3.95	4.68	5.07	4.34	3.80	3.77	4.01	4.02	3.83	3.55	3.33	3.38	6.91
MALEPO/FTP	.03	.02	.04	.36	.88	.73	.65	.59	.81	1.09	.63	.25	.39

TABLE 1. CONT.

MERIDA												MEAN PRECIPITATION = 536-911			
SERIAL NO.	3054	ESTANQUEZ			MEPIDA			LAT.	827	LONG.	7131	ELEV.	452	YEARS	21
PPEC.MAX.	71.	71.	107.	294.	178.	97.	98.	63.	101.	203.	172.	128.	826.		
PREC.MIN.	0.	0.	0.	18.	7.	10.	14.	0.	8.	10.	6.	0.	279.		
PREC.MEAN	12.	15.	23.	62.	72.	40.	38.	34.	40.	81.	65.	52.	536.		
PREC.DEP.	0.	1.	0.	25.	38.	20.	21.	25.	21.	35.	37.	23.	386.		
EVPC.MM/MO.	169.	159.	184.	171.	195.	187.	204.	222.	213.	193.	162.	149.	2221.		
ETP.MM/MO.	119.	120.	131.	125.	144.	135.	147.	159.	153.	147.	119.	108.	1606.		
ET.DFF.MM.	119.	119.	131.	100.	108.	115.	126.	134.	132.	112.	82.	85.	1769.		
ETP.MM/DA.	3.85	4.27	4.22	4.03	4.63	4.49	4.73	5.13	5.11	4.89	3.96	3.49	5.89		
MAI=PD/ETP	.00	.01	.00	.20	.26	.15	.14	.16	.14	.24	.31	.21	.18		
MEPIDA												MEAN PRECIPITATION = 536-911			
SERIAL NO.	3066	LA PLAYA			MERIDA			LAT.	818	LONG.	7146	ELEV.	1500	YEARS	16
PREC.MAX.	123.	176.	71.	178.	162.	160.	134.	119.	185.	235.	273.	121.	1153.		
PREC.MIN.	0.	0.	0.	0.	0.	6.	2.	6.	19.	25.	43.	5.	382.		
PREC.MEAN	29.	24.	27.	53.	75.	64.	52.	52.	65.	108.	109.	63.	722.		
PREC.DEP.	5.	0.	8.	24.	45.	33.	25.	24.	30.	46.	50.	34.	602.		
EVPC.MM/MO.	124.	124.	136.	126.	144.	137.	150.	163.	157.	145.	119.	110.	1635.		
ETP.MM/MO.	89.	88.	97.	92.	106.	100.	109.	118.	115.	109.	90.	80.	1194.		
ET.DFF.MM.	84.	88.	89.	68.	61.	67.	84.	94.	85.	63.	40.	46.	1133.		
ETP.MM/DA.	2.85	3.15	3.13	2.95	3.43	3.34	3.51	3.32	3.83	3.64	2.99	2.60	4.75		
MAI=PD/ETP	.06	.00	.08	.26	.42	.33	.23	.20	.26	.42	.56	.42	.35		

TABLE 1. CONT.

		MERIDA												MEAN PRECIPITATION =536-911				
SERIAL NO.	3069	TOVAR TNOS	MERIDA			LAT.	820	LONG.	7145	ELEV.	952	YEARS	17					
PREC.MAX.	249.	285.	209.	203.	293.	321.	174.	178.	230.	296.	223.	200.	1965.					
PREC.MIN.	0.	0.	0.	15.	26.	19.	0.	0.	15.	14.	42.	16.	573.					
PREC.MEAN	31.	44.	43.	54.	103.	97.	83.	69.	84.	107.	116.	79.	911.					
PREC.DEP.	0.	0.	8.	25.	56.	39.	47.	34.	48.	37.	67.	41.	695.					
EVPC.MM/MO.	142.	143.	139.	140.	163.	155.	163.	198.	182.	157.	131.	120.	1872.					
ETP.MM/MO.	105.	101.	108.	102.	122.	116.	136.	145.	135.	118.	99.	89.	1378.					
ET.DEF.+MM.	105.	101.	108.	77.	65.	77.	89.	111.	87.	81.	52.	48.	1468.					
ETP.MM/DA.	3.42	3.61	3.49	3.28	3.95	3.87	4.38	4.69	4.50	3.94	3.31	2.86	5.93					
MAI=PD/FTP	.00	.00	.07	.25	.46	.34	.35	.23	.35	.31	.67	.46	.32					
		MERIDA												MEAN PRECIPITATION =536-911				
SERIAL NO.	3102	CHACHAPO	MERIDA			LAT.	855	LONG.	7646	ELEV.	2603	YEARS	12					
PREC.MAX.	84.	35.	327.	129.	193.	135.	182.	110.	196.	180.	171.	98.	1516.					
PREC.MIN.	0.	0.	0.	38.	29.	51.	2.	39.	26.	44.	10.	0.	624.					
PREC.MEAN	14.	14.	51.	69.	109.	83.	89.	71.	96.	125.	83.	33.	838.					
PREC.DEP.	0.	0.	0.	47.	84.	68.	64.	57.	60.	92.	32.	3.	687.					
EVPC.MM/MO.	89.	85.	90.	85.	98.	94.	111.	120.	110.	95.	79.	72.	1130.					
ETP.MM/MO.	63.	60.	65.	62.	74.	70.	83.	88.	82.	72.	59.	52.	830.					
ET.DEF.+MM.	63.	60.	65.	15.	-10.	2.	19.	31.	22.	-20.	27.	49.	577.					
ETP.MM/DA.	2.02	2.15	2.11	2.01	2.39	2.32	2.57	2.85	2.74	2.41	1.95	1.66	3.46					
MAI=PD/FTP	.00	.00	.00	.75	1.14	.98	.77	.65	.73	1.27	.55	.06	.54					

TABLE 1. CONT.

MERIDA													MEAN PRECIPITATION = 536-911		
SERIAL NO.	3111	PARAMO DE MUCUCHIES			MERIDA			LAT.	851	LONG.	7049	ELEV.	3870	YEARS	24
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.		53.	35.	52.	150.	202.	215.	190.	160.	168.	136.	102.	71.	1031.	
PREC.MIN.		0.	0.	0.	22.	60.	50.	70.	55.	15.	21.	0.	0.	499.	
PREC.MEAN		8.	8.	20.	70.	112.	136.	133.	109.	79.	72.	38.	15.	800.	
PREC.DEP.		0.	0.	3.	39.	87.	113.	112.	85.	54.	55.	20.	2.	688.	
EVPC/MM/MO.		60.	60.	55.	60.	59.	66.	72.	78.	75.	70.	57.	53.	784.	
ETP/MM/MO.		42.	42.	46.	44.	52.	51.	55.	59.	55.	52.	41.	37.	577.	
ET.DEF./MM.		42.	42.	43.	5.	-35.	-62.	-57.	-26.	0.	-3.	21.	35.	174.	
ETP/MM/DA.		1.36	1.51	1.49	1.42	1.68	1.69	1.78	1.90	1.85	1.72	1.37	1.21	2.36	
MAIEPD/FTP		.00	.00	.07	.83	1.67	2.23	2.03	1.44	.99	1.07	.49	.05	.80	
MERIDA													MEAN PRECIPITATION = 536-911		
SERIAL NO.	3103	TIMOTES			MERIDA			LAT.	859	LONG.	7044	ELEV.	2016	YEARS	22
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.		149.	42.	131.	254.	254.	194.	266.	112.	135.	215.	262.	110.	1323.	
PREC.MIN.		0.	0.	0.	13.	27.	40.	21.	28.	38.	38.	0.	0.	610.	
PREC.MEAN		16.	11.	30.	109.	123.	92.	84.	69.	78.	128.	79.	33.	852.	
PREC.DEP.		0.	0.	1.	49.	92.	68.	65.	48.	60.	79.	31.	7.	652.	
EVPC/MM/MO.		103.	103.	113.	105.	120.	114.	125.	136.	130.	121.	99.	91.	1359.	
ETP/MM/MO.		73.	73.	81.	79.	91.	85.	93.	100.	96.	92.	73.	65.	1002.	
ET.DEF./MM.		73.	73.	80.	70.	-1.	17.	28.	52.	36.	13.	42.	58.	878.	
ETP/MM/DA.		2.35	2.60	2.51	2.56	2.95	2.83	2.92	3.22	3.20	3.08	2.44	2.10	4.19	
MAIEPD/FTP		.00	.00	.01	.62	1.01	.80	.70	.48	.62	.85	.42	.11	.43	

TABLE I. CONT.

## AVERAGE VALUES FOR MEXICO

MEXICO													MEAN PRECIPITATION = 536-911		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.	121.	107.	149.	201.	214.	187.	174.	124.	169.	211.	200.	121.	1302.		
PREC.MIN.	0.	0.	0.	18.	25.	29.	19.	21.	20.	25.	17.	3.	494.		
PREC.MEAN	18.	19.	32.	69.	39.	85.	80.	67.	74.	103.	82.	46.	776.		
PREC.DEP.	1.	0.	3.	35.	37.	57.	56.	45.	46.	57.	39.	18.	618.		
EVPC.MM/MC.	115.	113.	123.	114.	131.	125.	141.	153.	144.	131.	108.	99.	1500.		
ETP.MM/MC.	82.	81.	88.	84.	98.	93.	104.	112.	106.	98.	80.	72.	1098.		
ETP.DEP./MM.	81.	80.	86.	49.	31.	36.	48.	56.	61.	41.	41.	54.	999.		
ETP.MM/DA.	2.64	2.83	2.84	2.71	3.17	3.09	3.24	3.60	3.54	3.28	2.67	2.32	4.43		
MAI=PD/ETP	.01	.00	.04	.49	.83	.80	.70	.53	.52	.69	.50	.22	.44		

TABLE 1. CONT.

## MERIDA

## MEAN PRECIPITATION = 1180-1774

SERIAL NO.	8053	PALMITA	MERIDA	LAT.	832	LONG.	7135	ELEV.	600	YEARS	13		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	292.	302.	145.	183.	253.	147.	89.	172.	107.	282.	337.	322.	1815.
PREC.MIN.	8.	7.	0.	42.	11.	16.	13.	11.	28.	62.	62.	31.	728.
PREC.MEAN	67.	80.	51.	95.	122.	72.	52.	71.	72.	175.	186.	135.	1180.
PREC.DEP.	26.	32.	18.	56.	81.	49.	27.	35.	58.	97.	121.	62.	960.
EVPC.MM/MO.	150.	150.	164.	152.	174.	166.	182.	198.	190.	176.	145.	133.	1980.
ETP.MM/FC.	110.	111.	114.	114.	132.	122.	132.	146.	140.	139.	115.	102.	1482.
ET.DEF./MM.	84.	79.	103.	58.	51.	73.	105.	111.	82.	42.	-6.	41.	1594.
ETP.MM/DA.	3.55	3.96	3.84	3.67	4.27	4.07	4.26	4.70	4.66	4.62	3.83	3.29	7.00
MAI=PD/FTP	.24	.29	.13	.49	.61	.40	.20	.24	.41	.70	1.05	.61	.38

## MERIDA

## MEAN PRECIPITATION = 1180-1774

SERIAL NO.	8035	EL VIGIA	MERIDA	LAT.	837	LONG.	7138	ELEV.	130	YEARS	19		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	314.	338.	349.	568.	313.	212.	126.	232.	173.	356.	443.	413.	2408.
PREC.MIN.	8.	15.	9.	38.	35.	54.	41.	12.	25.	90.	85.	36.	1249.
PREC.MEAN	129.	117.	115.	229.	177.	117.	91.	97.	95.	182.	239.	185.	1774.
PREC.DEP.	77.	64.	31.	108.	120.	79.	72.	52.	65.	123.	172.	104.	1448.
EVPC.MM/MO.	131.	135.	151.	138.	156.	151.	156.	170.	170.	163.	133.	122.	1772.
ETP.MM/FC.	100.	102.	114.	112.	123.	115.	116.	127.	127.	129.	109.	97.	1372.
ET.DEF./MM.	23.	38.	83.	4.	3.	36.	44.	75.	62.	6.	-63.	-7.	1364.
ETP.MM/DA.	3.23	3.66	3.69	3.63	3.97	3.82	3.75	4.10	4.24	4.30	3.63	3.12	7.70
MAI=PD/FTP	.77	.63	.27	.96	.93	.69	.62	.41	.51	.95	1.58	1.08	.51

TABLE 1. CONT.

MEP IDA				MEAN PRECIPITATION =1180-1774											
SERIAL NO.	3049	MEP IDA	TNOS	MERIDA	LAT.	836	LONG.	7109	ELEV.	1641	YEARS	18			
PREC.MAX.	115.	254.	94.	298.	335.	253.	164.	268.	267.	407.	332.	198.	2024.		
PREC.MIN.	0.	0.	1.	56.	127.	26.	37.	20.	37.	0.	57.	3.	879.		
PREC.MEAN	52.	38.	49.	180.	229.	136.	102.	121.	132.	249.	188.	75.	1550.		
PREC.DEP.	12.	9.	30.	138.	186.	88.	66.	69.	108.	208.	146.	40.	1342.		
EVPC,MM/MO.	102.	102.	112.	104.	118.	113.	124.	135.	129.	120.	98.	90.	1346.		
ETP,MM/MO.	74.	73.	31.	82.	96.	87.	93.	103.	99.	99.	78.	66.	1031.		
ET,DEF.,MM.	62.	64.	51.	-56.	-90.	-1.	27.	34.	-9.	-109.	-68.	26.	643.		
ETP,MM/DA.	2.39	2.62	2.62	2.65	3.10	2.89	3.00	3.31	3.20	3.30	2.59	2.14	5.44		
MAIEPD/ETP	.16	.12	.37	1.58	1.94	1.01	.71	.67	1.09	2.10	1.98	.60	.68		

TABLE 1. CONT.

## AVERAGE VALUES FOR MERIDA

	MERIDA												MEAN PRECIPITATION = 1180-1774	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.	240.	298.	196.	350.	302.	204.	126.	224.	182.	348.	371.	311.	2082.	
PREC.MIN.	5.	7.	3.	45.	58.	32.	30.	14.	30.	51.	68.	23.	952.	
PREC.MEAN	83.	78.	72.	168.	176.	108.	82.	96.	100.	202.	204.	132.	1501.	
PREC.DEP.	79.	35.	26.	101.	129.	72.	55.	52.	77.	143.	146.	69.	1250.	
EVPC,MM/MO.	128.	129.	142.	131.	149.	143.	154.	168.	163.	153.	125.	115.	1699.	
ETP,MM/MO.	95.	96.	105.	103.	117.	108.	114.	125.	122.	122.	101.	88.	1295.	
ET,REF.,MM.	56.	61.	79.	2.	-12.	36.	59.	73.	45.	-21.	-46.	20.	1201.	
ETP,MM/DA.	3.06	3.41	3.38	3.31	3.78	3.59	3.67	4.04	4.06	4.07	3.35	2.85	6.71	
MAI=PD/FTP	.39	.35	.26	1.04	1.17	.70	.51	.44	.67	1.25	1.50	.76	.52	

TABLE 1. CONT.

## MIRANDA

## MEAN PRECIPITATION = 924-970

SERIAL NO. 583 CUASOMRA ACUEDUCTO MIRANDA LAT. 1010 LONG. 6653 ELEV. 241 YEARS 9

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	60.	23.	28.	96.	205.	328.	260.	202.	175.	216.	172.	144.	1365.
PREC.MIN.	0.	2.	0.	0.	42.	92.	83.	45.	43.	12.	9.	18.	801.
PREC.MEAN	21.	8.	8.	32.	114.	201.	157.	120.	79.	76.	68.	70.	953.
PREC.DEP.	1.	3.	0.	3.	79.	156.	116.	73.	51.	20.	24.	24.	870.
EVPC,MM/MO.	161.	182.	238.	228.	205.	147.	143.	151.	159.	166.	147.	143.	2070.
ETP,MM/MO.	114.	128.	168.	163.	155.	113.	111.	115.	118.	123.	108.	105.	1525.
ET.DEF.,MM.	117.	125.	168.	160.	76.	-38.	-5.	42.	67.	103.	84.	81.	1565.
ETP,MM/DA.	3.69	4.58	5.40	5.27	5.01	3.92	3.59	3.70	3.92	4.08	3.60	3.39	6.67
MAI=PD/FTP	.01	.02	.00	.02	.51	1.33	1.04	.64	.43	.16	.22	.23	.36

## MIRANDA

## MEAN PRECIPITATION = 924-970

SERIAL NO. 559 GUATIPE MIRANDA LAT. 1028 LONG. 6632 ELEV. 323 YEARS 26

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	219.	82.	44.	137.	256.	398.	325.	215.	216.	266.	220.	170.	1477.
PREC.MIN.	0.	0.	0.	0.	1.	49.	39.	15.	19.	24.	7.	8.	565.
PREC.MEAN	35.	15.	10.	32.	100.	189.	162.	103.	83.	84.	83.	73.	970.
PREC.DEP.	13.	3.	1.	4.	45.	125.	127.	57.	58.	54.	42.	34.	802.
EVPC,MM/MO.	149.	169.	225.	221.	200.	155.	155.	165.	169.	171.	144.	138.	2063.
ETP,MM/MO.	107.	120.	159.	158.	150.	123.	121.	124.	125.	127.	107.	102.	1522.
ET.DEF.,MM.	94.	117.	158.	154.	105.	-2.	-6.	67.	67.	73.	65.	68.	1643.
ETP,MM/DA.	3.45	4.27	5.12	5.10	4.84	4.10	3.90	4.00	4.18	4.23	3.56	3.28	6.70
MAI=PD/FTP	.1?	.03	.01	.03	.30	1.02	1.05	.46	.46	.43	.39	.33	.33

TABLE 1. CONT.

## MIRANDA

## MEAN PRECIPITATION = 924-970

SERIAL NO.	563	LA MARIPOSA INOS	MIRANDA	LAT.	1024	LONG.	6656	ELEV.	995	YEARS	18		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	97.	120.	55.	129.	217.	248.	185.	246.	206.	183.	157.	143.	1207.
PREC.MIN.	1.	0.	0.	1.	2.	59.	77.	43.	38.	47.	31.	9.	639.
PREC.MEAN	26.	15.	11.	78.	96.	157.	133.	122.	105.	91.	87.	44.	924.
PREC.DEP.	2.	2.	0.	10.	63.	115.	98.	36.	67.	66.	58.	14.	737.
EVPC,MM/MO.	164.	162.	212.	203.	182.	131.	127.	135.	142.	147.	131.	127.	1843.
ETP.MM/MO.	103.	115.	150.	146.	136.	102.	97.	103.	107.	110.	97.	92.	1357.
ET.DEF.,MM.	101.	113.	150.	136.	73.	-13.	-1.	7.	40.	44.	39.	78.	1405.
ETP.MM/DA.	3.31	4.09	4.82	4.71	4.39	3.40	3.14	3.31	3.56	3.65	3.25	2.96	5.87
MAI=PD/ETP	.02	.02	.00	.07	.46	1.13	1.01	.93	.63	.60	.60	.15	.34

TABLE 1. CONT.

## AVERAGE VALUES FOR MIRANDA

	MIRANDA												MEAN PRECIPITATION = 924-970
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	125.	75.	42.	121.	226.	325.	257.	221.	199.	222.	183.	152.	1350.
PREC.MIN.	0.	1.	0.	0.	15.	67.	66.	34.	33.	28.	16.	12.	668.
PREC.MEAN	27.	13.	10.	34.	103.	182.	151.	115.	99.	84.	79.	62.	949.
PREC.DEP.	5.	3.	0.	6.	62.	132.	114.	75.	59.	47.	41.	24.	803.
EVPC, MM/MO.	151.	171.	225.	217.	196.	144.	142.	150.	157.	161.	141.	136.	1992.
ETP, MM/MO.	108.	121.	159.	156.	147.	114.	110.	114.	117.	120.	104.	98.	1468.
ET. DEF., MM.	103.	118.	158.	150.	35.	-18.	-4.	38.	58.	73.	63.	75.	1538.
ETP, MM/DA.	3.48	4.31	5.12	5.03	4.75	3.81	3.55	3.67	3.89	3.99	3.47	3.21	6.41
MAI=PD/FTP	.05	.02	.00	.04	.47	1.16	1.03	.68	.51	.40	.24	.24	.34

TABLE 1. CONT.

MIRANDA			MEAN PRECIPITATION = 1007-1940														
SERIAL NO.	1534	EL CAFE	MIRANDA			LAT. 1024 LONG. 5617 ELEV. 100 YEARS 21											
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.	342.	185.	250.	262.	332.	498.	578.	288.	444.	589.	452.	572.	2581.				
PREC.MIN.	22.	5.	6.	5.	3.	52.	99.	61.	64.	51.	29.	37.	1490.				
PREC.MEAN	144.	69.	53.	63.	129.	215.	254.	179.	159.	193.	223.	260.	1940.				
PREC.DEP.	74.	37.	11.	22.	64.	133.	170.	143.	107.	114.	154.	134.	1702.				
EVPC."MM"0.	110.	128.	173.	175.	167.	139.	142.	152.	151.	151.	120.	111.	1711.				
ETP.MM/M0.	85.	94.	12F.	128.	125.	112.	117.	120.	118.	120.	97.	92.	1334.				
ET.DEF.,MM.	11.	57.	115.	106.	61.	-21.	-53.	-23.	11.	6.	-57.	-42.	1155.				
ETP.MM/DA.	2.74	3.36	4.05	4.13	4.02	3.74	3.79	3.87	3.92	4.01	3.25	2.97	7.83				
MAI=PD/ETP	.87	.39	.09	.17	.51	1.18	1.45	1.19	.91	.95	1.58	1.45	.60				
MIRANDA			MEAN PRECIPITATION = 1007-1940														
SERIAL NO.	582	CUA TOVAR	MIRANDA			LAT. 1009 LONG. 6653 ELEV. 240 YEARS 17											
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.		
PREC.MAX.	97.	57.	31.	91.	324.	380.	256.	243.	206.	222.	120.	190.	1306.				
PREC.MIN.	8.	0.	0.	6.	22.	104.	100.	48.	14.	0.	4.	12.	646.				
PREC.MEAN	33.	15.	10.	31.	115.	192.	173.	122.	102.	93.	64.	58.	1007.				
PREC.DEP.	13.	3.	1.	7.	64.	132.	126.	87.	80.	60.	47.	20.	848.				
EVPC.MM/M0.	160.	190.	236.	226.	203.	146.	141.	150.	158.	164.	146.	141.	2050.				
ETP.MM/M0.	115.	127.	168.	162.	154.	116.	111.	114.	119.	122.	107.	103.	1516.				
ET.DEF.,MM.	102.	124.	165.	155.	90.	-16.	-15.	27.	39.	62.	60.	83.	1619.				
ETP.MM/DA.	3.70	4.55	5.37	5.22	4.95	3.87	3.58	3.68	3.96	4.08	3.56	3.32	6.76				
MAI=PD/ETP	.11	.02	.01	.04	.42	1.14	1.14	.76	.67	.49	.44	.19	.34				

TABLE 1. CONT.

## MIRANDA

## MEAN PRECIPITATION = 1007-1940

SERIAL NO. 1548 MURKIE SOTILLO MIRANDA

LAT. 1023 LONG. 6605 ELEV. 100 YEARS 20

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	234.	162.	121.	272.	296.	377.	333.	355.	305.	398.	477.	468.	2058.
PREC.MIN.	17.	8.	1.	0.	0.	8.	59.	29.	36.	44.	46.	23.	957.
PREC.MEAN	78.	45.	31.	39.	95.	133.	162.	148.	131.	163.	244.	175.	1444.
PREC.DEP.	37.	16.	5.	7.	22.	76.	98.	79.	94.	94.	141.	116.	1195.
EVPC.MM/MO.	136.	155.	206.	203.	184.	142.	142.	151.	155.	157.	133.	127.	1893.
ETP.MM/MO.	101.	112.	147.	146.	138.	109.	111.	117.	119.	123.	109.	100.	1431.
ET.DEF..MM.	64.	36.	142.	139.	116.	33.	13.	38.	25.	29.	-32.	-16.	1497.
ETP.MM/DA.	3.24	4.00	4.75	4.71	4.44	3.63	3.58	3.77	3.96	4.09	3.64	3.23	7.37
MAI=PD/FTP	.37	.14	.03	.05	.16	.70	.88	.68	.79	.77	1.29	1.16	.44

## MIRANDA

## MEAN PRECIPITATION = 1007-1940

SERIAL NO. 579 SANTA TERESA INOS MIRANDA

LAT. 1013 LONG. 6641 ELEV. 160 YEARS 14

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	145.	54.	58.	82.	228.	349.	314.	304.	190.	184.	155.	227.	1620.
PREC.MIN.	10.	0.	0.	1.	8.	140.	117.	75.	33.	7.	33.	13.	876.
PREC.MEAN	50.	18.	11.	20.	86.	238.	234.	152.	105.	93.	73.	77.	1159.
PREC.DEP.	17.	3.	0.	3.	23.	170.	168.	108.	80.	61.	49.	26.	983.
EVPC.MM/MO.	156.	176.	229.	219.	197.	142.	138.	146.	154.	160.	142.	138.	1995.
ETP.MM/MO.	113.	125.	162.	155.	147.	116.	113.	113.	116.	119.	105.	102.	1486.
ET.DEF..MM.	96.	122.	162.	152.	124.	-54.	-55.	5.	36.	58.	56.	76.	1570.
ETP.MM/DA.	3.55	4.46	5.21	5.02	4.73	3.88	3.64	3.65	3.86	3.98	3.49	3.29	6.99
MAI=PD/FTP	.15	.02	.00	.02	.16	1.46	1.49	.95	.69	.51	.47	.26	.39

TABLE 1. CONT.

## AVERAGE VALUES FOR MIRANDA

MIRANDA	MEAN PRECIPITATION = 1007-1940												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	284.	114.	115.	177.	295.	401.	370.	297.	286.	348.	301.	364.	1891.
PREC.MIN.	14.	3.	2.	1.	8.	76.	94.	53.	37.	25.	28.	21.	992.
PREC.MEAN	76.	37.	26.	38.	107.	194.	206.	150.	124.	135.	151.	142.	1387.
PREC.DEP.	35.	15.	4.	10.	43.	128.	140.	104.	90.	82.	98.	74.	1182.
EVPC.MM/MO.	140.	160.	211.	206.	197.	142.	141.	150.	154.	158.	135.	129.	1912.
FTP.MM/YR.	103.	115.	150.	143.	141.	113.	113.	116.	118.	121.	105.	99.	1442.
ET.DEF.MM.	68.	100.	146.	138.	97.	-14.	-28.	12.	27.	39.	7.	25.	1460.
ETP.MM/DA.	3.37	4.09	4.85	4.77	4.54	3.78	3.64	3.74	3.92	4.04	3.48	3.20	7.24
MAIEPD/FTP	.38	.15	.03	.07	.31	1.12	1.24	.90	.77	.68	.94	.77	.44

TABLE 1. CONT.

## MIRANDA

## MEAN PRECIPITATION = 2134-2669

SERIAL NO. 1582 AGUAITA-RAMAL ARAGUA MIRANDA LAT. 1009 LONG. 66.30 ELEV. 690 YEARS 15

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	460.	378.	377.	251.	400.	447.	579.	482.	277.	314.	445.	575.	3754.
PREC.MIN.	41.	5.	0.	7.	17.	223.	193.	159.	97.	73.	93.	115.	1679.
PREC.MEAN	215.	126.	106.	94.	163.	353.	403.	290.	184.	185.	222.	329.	2669.
PREC.DEP.	107.	45.	21.	44.	102.	279.	356.	224.	154.	141.	139.	260.	2306.
EVPC.MM/MO.	90.	105.	142.	143.	133.	114.	117.	125.	124.	124.	98.	91.	1404.
FTP.MM/MO.	73.	80.	107.	107.	104.	100.	105.	106.	98.	98.	79.	79.	1136.
ET.DEF.,MM.	-34.	35.	88.	63.	2.	-179.	-251.	-118.	-56.	-43.	-60.	-181.	550.
ETP.MM/DA.	2.74	2.86	3.45	3.45	3.35	3.33	3.40	3.41	3.27	3.28	2.65	2.54	7.83
MAI=PD/FTP	1.47	.56	.20	.41	.98	2.79	3.38	2.12	1.57	1.43	1.75	3.30	.81

## MIRANDA

## MEAN PRECIPITATION = 2134-2669

SERIAL NO. 1553 CAUCAGUA MIRANDA LAT. 1017 LONG. 66.22 ELEV. 60 YEARS 24

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	419.	228.	155.	350.	376.	587.	575.	440.	258.	306.	487.	545.	2964.
PREC.MIN.	12.	7.	0.	2.	2.	96.	108.	86.	119.	49.	37.	60.	1166.
PREC.MEAN	155.	69.	50.	72.	169.	296.	307.	239.	172.	157.	190.	258.	2134.
PREC.DEP.	65.	21.	8.	31.	79.	203.	242.	165.	136.	99.	105.	169.	1769.
EVPC.MM/MO.	105.	123.	166.	167.	156.	133.	136.	146.	144.	144.	115.	107.	1641.
FTP.MM/MO.	82.	90.	120.	123.	122.	113.	116.	120.	113.	112.	91.	89.	1292.
ET.DEF.,MM.	17.	89.	112.	92.	43.	-90.	-126.	-45.	-23.	13.	-14.	-80.	1131.
ETP.MM/DA.	2.53	3.23	3.88	3.96	3.95	3.76	3.74	3.86	3.77	3.74	3.05	2.86	7.94
MAI=PD/FTP	.88	.23	.07	.25	.65	1.80	2.08	1.38	1.70	.88	1.15	1.91	.61

TABLE 1. CONT.

MIRANDA												MEAN PRECIPITATION = 2134-2669		
SERIAL NO. 1682	EL GUADAL			MIRANDA			LAT.	1009	LONG.	6558	ELEV.	50	YEARS	26
PREC.MAX.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.	362.	482.	198.	416.	701.	451.	580.	445.	404.	440.	710.	481.	3532.	
PREC.MIN.	30.	4.	0.	0.	7.	81.	29.	83.	74.	60.	110.	25.	1321.	
PREC.MEAN	173.	92.	70.	89.	149.	227.	304.	253.	171.	192.	291.	250.	2261.	
PREC.DEP.	93.	48.	16.	32.	51.	154.	218.	191.	111.	115.	165.	150.	1956.	
EVPC.MM/MO.	102.	120.	151.	163.	152.	129.	132.	142.	145.	140.	112.	104.	1595.	
ETP.MM/MO.	80.	90.	118.	121.	118.	105.	112.	117.	110.	111.	95.	86.	1264.	
ET.PCFF..MM.	-13.	42.	102.	89.	67.	-49.	-106.	-74.	-1.	-4.	-70.	-64.	964.	
ETP.MM/PA.	2.59	3.20	3.82	3.91	3.80	3.50	3.63	3.79	3.67	3.71	3.16	2.77	8.00	
MAI=PD/FTP	1.16	.54	.14	.26	.43	1.47	1.94	1.63	1.01	1.03	1.74	1.75	.67	

TABLE 1. CONT.

## AVERAGE VALUES FOR MIRANDA

	MIRANDA												MEAN PRECIPITATION = 2134-2669	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PREC.MAX.	414.	363.	243.	339.	492.	495.	578.	456.	313.	353.	547.	534.	3417.	
PREC.MIN.	29.	5.	0.	3.	6.	133.	110.	109.	97.	61.	80.	67.	1389.	
PPEC.MEAN	181.	96.	75.	85.	160.	292.	338.	261.	176.	178.	234.	279.	2355.	
PPEC.DEP.	88.	38.	15.	36.	77.	212.	272.	193.	134.	118.	136.	193.	2010.	
EVPC.MM/MO.	99.	116.	156.	158.	147.	125.	128.	138.	136.	136.	108.	101.	1547.	
FTP.MM/MO.	79.	37.	115.	117.	115.	106.	111.	114.	107.	107.	89.	84.	1231.	
ET.DEF.MM.	-10.	49.	100.	81.	37.	-106.	-161.	-79.	-27.	-11.	-48.	-109.	882.	
ETP.MM/DA.	2.52	3.09	3.72	3.78	3.70	3.53	3.59	3.68	3.57	3.58	2.95	2.72	7.32	
MAI=PD/FTP	1.14	.44	.13	.31	.69	2.02	2.47	1.71	1.26	1.12	1.55	2.32	.70	

TABLE 1. CONT.

## MONAGAS

## MEAN PRECIPITATION =1012-2078

SERIAL NO.	3939	BARRANCAS	INOS	MONAGAS	LAT.	842	LONG.	6212	ELEV.	5	YEARS	14
PREC.MAX.	257.	100.	229.	181.	215.	369.	206.	234.	159.	156.	123.	231.
PREC.MIN.	35.	4.	1.	0.	18.	29.	16.	24.	5.	6.	8.	22.
PREC.MEAN	98.	37.	45.	30.	97.	158.	125.	114.	79.	57.	70.	102.
PREC.DEP.	40.	15.	4.	8.	64.	116.	85.	67.	30.	24.	41.	69.
EVPC.MM/MO.	172.	184.	231.	231.	227.	158.	137.	139.	141.	147.	131.	145.
ETP.MM/MO.	129.	132.	167.	165.	170.	123.	104.	105.	104.	107.	96.	109.
ET.DFF.,MM.	80.	117.	163.	157.	106.	7.	19.	38.	74.	83.	55.	40.
ETP.MM/PA.	4.16	4.72	5.38	5.33	5.48	4.10	3.37	3.39	3.48	3.57	3.21	3.51
MAI=PD/ETP	.38	.11	.02	.05	.38	.94	.81	.64	.29	.22	.43	.63
												.12

## MONAGAS

## MEAN PRECIPITATION =1012-2078

SERIAL NO.	1887	CARIPITO CPE	MONAGAS	LAT.	1007	LONG.	6305	ELEV.	60	YEARS	32
PREC.MAX.	380.	289.	152.	371.	451.	539.	434.	412.	278.	330.	473.
PREC.MIN.	10.	2.	0.	1.	61.	156.	175.	92.	90.	54.	28.
PREC.MEAN	23.	53.	45.	95.	190.	315.	284.	236.	175.	176.	208.
PREC.DEP.	44.	25.	18.	34.	103.	249.	221.	190.	136.	120.	142.
EVPC.MM/MO.	116.	127.	176.	184.	164.	119.	122.	139.	129.	161.	127.
ETP.MM/MO.	87.	92.	127.	138.	137.	102.	103.	114.	102.	127.	102.
ET.DFF.,MM.	43.	67.	109.	104.	27.	-147.	-118.	-76.	-34.	7.	-40.
ETP.MM/PA.	2.79	3.30	4.10	4.44	4.21	3.40	3.31	3.67	3.30	4.23	3.40
MAI=PD/ETP	.51	.27	.14	.25	.79	2.44	2.15	1.57	1.34	.95	1.39
											.62

TABLE 1. CONT.

MONAGAS												MEAN PRECIPITATION = 1012-2078				
SERIAL NO.	2825	JUSEP	IN	EPC	MONAGAS				LAT.	945	LONG.	6327	ELEV.	140	YEARS	21
PREC.MAX.	131.	75.	70.	182.	319.	324.	742.	330.	177.	153.	151.	139.	1422.			
PREC.MIN.	2.	0.	1.	0.	16.	82.	55.	90.	6.	25.	4.	0.	743.			
PREC.MEAN	42.	25.	15.	29.	120.	195.	172.	164.	90.	85.	77.	62.	1074.			
PREC.DEP.	10.	5.	2.	4.	76.	143.	123.	108.	48.	62.	34.	34.	896.			
EVPC.MM/MO.	140.	154.	213.	223.	199.	144.	148.	168.	156.	194.	154.	132.	2026.			
ETP.MM/MO.	101.	110.	151.	159.	151.	115.	116.	131.	116.	144.	114.	96.	1505.			
FT.DEP.,MM.	91.	105.	149.	155.	75.	-28.	-7.	23.	68.	82.	80.	62.	1610.			
ETP.MM/DA.	3.26	3.97	4.86	5.14	4.88	3.83	3.75	4.24	3.87	4.80	3.79	3.11	6.87			
MAIEPD/FTP	.10	.05	.01	.03	.50	1.25	1.06	.82	.41	.43	.30	.35	.36			
MONAGAS												MEAN PRECIPITATION = 1012-2078				
SERIAL NO.	282F	MATUR	IN	INOS	MONAGAS				LAT.	944	LONG.	6311	ELEV.	74	YEARS	12
PREC.MAX.	107.	90.	37.	59.	182.	305.	309.	228.	141.	193.	227.	150.	1533.			
PREC.MIN.	20.	5.	1.	0.	24.	77.	83.	88.	52.	34.	53.	39.	822.			
PREC.MEAN	53.	28.	14.	26.	84.	203.	200.	159.	91.	103.	131.	90.	1184.			
PREC.DEP.	26.	12.	3.	8.	33.	135.	118.	118.	64.	82.	99.	58.	1016.			
EVPC.MM/MO.	137.	151.	209.	218.	195.	141.	145.	165.	153.	191.	151.	129.	1986.			
ETP.MM/MO.	100.	108.	148.	155.	145.	113.	116.	129.	114.	144.	116.	96.	1482.			
FT.DEP.,MM.	74.	96.	145.	147.	112.	-22.	-2.	11.	50.	62.	17.	38.	1550.			
ETP.MM/DA.	3.21	3.85	4.77	5.01	4.67	3.77	3.74	4.15	3.80	4.78	3.85	3.10	7.03			
MAIEPD/FTP	.26	.11	.02	.05	.23	1.19	1.02	.92	.56	.57	.86	.60	.40			

TABLE 1. CONT.

	MONAGAS												MEAN PRECIPITATION =1012-2078		
SERIAL NO.	2827	MATURIN	SM-IN	MONAGAS	LAT.	945	LONG.	6311	ELEV.	70	YEARS	18			
PREC.MAX.	129.	120.	152.	154.	295.	305.	311.	228.	219.	195.	227.	223.	1696.		
PREC.MIN.	20.	4.	0.	0.	21.	131.	109.	81.	62.	34.	52.	37.	868.		
PREC.MEAN	60.	37.	29.	38.	103.	221.	204.	160.	116.	104.	112.	110.	1295.		
PREC.DEP.	26.	12.	6.	12.	42.	187.	139.	135.	85.	83.	80.	87.	1103.		
EVPC.MM/MO.	134.	148.	204.	214.	191.	138.	142.	161.	150.	187.	148.	126.	1946.		
ETP.MM/PG.	93.	106.	145.	154.	144.	112.	114.	126.	114.	141.	112.	95.	1460.		
ET.PDEF.MM.	72.	94.	140.	142.	102.	-75.	-25.	-9.	29.	58.	32.	8.	1519.		
ETP.MM/PA.	3.15	3.20	4.70	4.96	4.63	3.73	3.67	4.05	3.79	4.69	3.73	3.07	7.18		
MAI=PD/ETP	.27	.11	.04	.08	.29	1.67	1.22	1.08	.75	.59	.72	.91	.42		

TABLE 1. CONT.

## AVERAGE VALUES FOR MONAGAS

	MONAGAS												MEAN PRECIPITATION =1912-2078	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.	
PRFC.MAX.	201.	135.	130.	191.	292.	358.	320.	286.	195.	205.	240.	208.	1790.	
PREC.MIN.	17.	3.	1.	0.	28.	95.	86.	75.	43.	31.	29.	30.	800.	
PREC.MEAN	69.	36.	30.	44.	119.	218.	197.	157.	110.	105.	120.	106.	1321.	
PREC.DEP.	31.	14.	7.	13.	64.	166.	137.	124.	73.	74.	79.	75.	1015.	
EVPC.MM/MO.	140.	153.	207.	214.	195.	140.	139.	154.	146.	176.	142.	128.	1936.	
ETE.MM/°C.	107.	112.	148.	154.	149.	113.	111.	121.	110.	132.	108.	96.	1454.	
ET.DEF.MM.	72.	96.	141.	141.	84.	-53.	-27.	-3.	37.	56.	29.	22.	1594.	
ETP.MM/DA.	3.31	3.32	4.76	4.98	4.77	3.77	3.57	3.90	3.67	4.41	3.60	3.11	7.15	
MAI=PD/ETP	.30	.13	.05	.09	.44	1.50	1.25	1.02	.67	.55	.74	.80	.38	

TABLE 1. CONT.

## PORTUGESA

## MEAN PRECIPITATION =1384-2139

SERIAL NO.	2247	ARAURE MOP	PORTUGESA	LAT.	936	LONG.	5913	ELEV.	200	YEARS	9
PREC.MAX.	22.	2.	110.	172.	305.	476.	339.	369.	245.	202.	247.
PREC.MIN.	0.	0.	0.	0.	68.	208.	173.	124.	68.	0.	0.
PREC.MEAN	7.	0.	15.	66.	177.	323.	242.	205.	144.	119.	86.
PREC.DEP.	0.	0.	0.	18.	123.	244.	194.	168.	96.	80.	30.
EVPC.MM/MO.	177.	190.	236.	200.	152.	122.	131.	137.	135.	141.	146.
ETP.MM/MO.	125.	133.	167.	147.	120.	105.	106.	110.	106.	103.	105.
ET.DEF..MM.	125.	133.	167.	129.	-3.	-139.	-86.	-58.	10.	23.	75.
ETP.MM/DA.	4.02	4.75	5.39	4.73	3.87	3.50	3.47	3.55	3.53	3.42	3.49
MAI=PD/FTP	.00	.00	.00	.12	1.03	2.32	1.80	1.53	.91	.78	.29
											.06
											.47

## PORTUGESA

## MEAN PRECIPITATION =1384-2139

SERIAL NO.	2271	BISCUUY	PORTUGESA	LAT.	921	LONG.	6958	ELEV.	600	YEARS	19
PREC.MAX.	150.	35.	127.	370.	535.	540.	420.	392.	386.	342.	266.
PREC.MIN.	0.	0.	0.	76.	145.	227.	209.	79.	118.	113.	41.
PREC.MEAN	37.	25.	41.	194.	299.	359.	307.	250.	219.	202.	131.
PREC.DEP.	4.	1.	10.	127.	184.	269.	270.	195.	169.	152.	74.
EVPC.MM/MO.	149.	170.	196.	155.	127.	95.	111.	113.	131.	134.	118.
ETP.MM/MO.	107.	121.	141.	124.	108.	84.	95.	93.	106.	107.	90.
ET.DEF..MM.	103.	120.	131.	-3.	-76.	-185.	-175.	-102.	-63.	-45.	16.
ETP.MM/DA.	3.45	4.33	4.56	3.98	3.48	2.79	3.06	3.01	3.53	3.58	3.01
MAI=PD/FTP	.04	.01	.07	1.03	1.71	3.22	2.85	2.09	1.59	1.42	.82
											.44
											.71

TABLE 1. CONT.

## PORTUGUESA

MEAN PRECIPITATION =1384-2139

SERIAL NO. 2253 GUACHE HACIENDA PORTUGUESA LAT. 926 LONG. 6921 ELEV. 185 YEARS 12

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	38.	41.	53.	163.	386.	417.	360.	350.	300.	259.	290.	84.	1885.
PREC.MIN.	0.	0.	0.	0.	100.	180.	162.	171.	75.	105.	26.	5.	1239.
PREC.MEAN	16.	6.	14.	72.	231.	307.	249.	234.	148.	173.	117.	38.	1606.
PREC.DEP.	0.	0.	1.	26.	181.	239.	198.	189.	90.	132.	53.	17.	1491.
EVPC.MM/MO.	176.	200.	231.	200.	136.	110.	115.	121.	125.	137.	130.	152.	1833.
ETP.MM/MO.	125.	141.	163.	147.	111.	94.	95.	99.	97.	108.	99.	109.	1387.
ET.DEF.+MM.	125.	141.	162.	121.	-70.	-145.	-103.	-90.	7.	-24.	4F.	92.	1264.
ETP.MM/DA.	4.02	5.02	5.27	4.75	3.59	3.13	3.06	3.19	3.22	3.59	3.29	3.53	7.55
MAI=PD/ETP	.00	.00	.01	.18	1.63	2.55	2.09	1.91	.93	1.23	.54	.16	.54

## PORTUGUESA

MEAN PRECIPITATION =1384-2139

SERIAL NO. 2297 GUANARE INOS PORTUGURSA LAT. 827 LONG. 6911 ELEV. 183 YEARS 17

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	70.	38.	29.	336.	458.	402.	389.	450.	266.	357.	158.	60.	1955.
PREC.MIN.	0.	0.	0.	6.	87.	102.	98.	101.	62.	69.	11.	2.	1171.
PREC.MEAN	15.	7.	8.	93.	221.	260.	252.	215.	132.	162.	82.	21.	1469.
PREC.DEP.	0.	0.	2.	45.	150.	214.	200.	118.	104.	113.	47.	7.	1301.
EVPC.MM/MO.	171.	196.	226.	179.	147.	109.	128.	130.	151.	154.	136.	156.	1882.
ETP.MM/MO.	121.	138.	159.	134.	119.	90.	106.	105.	116.	120.	101.	111.	1420.
ET.DEF.+MM.	121.	138.	157.	89.	-31.	-124.	-94.	-13.	12.	7.	54.	104.	1399.
ETP.MM/DA.	3.91	4.92	5.13	4.31	3.84	3.02	3.41	3.39	3.86	4.01	3.36	3.58	7.40
MAI=PD/ETP	.00	.00	.01	.34	1.25	2.37	1.89	1.12	.90	.94	.47	.06	.48

TABLE 1. CONT.

## PORTUGUESA

MEAN PRECIPITATION = 1384-2139

SERIAL NO.	3207	GUANARE MOP	PORTUGUESA	LAT.	857	LONG.	6913	ELEV.	117	YEARS	16		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	103.	40.	25.	295.	447.	387.	355.	368.	283.	377.	171.	50.	1905.
PREC.MIN.	0.	0.	0.	7.	92.	86.	134.	98.	88.	77.	14.	3.	1119.
PPEC.MEAN	16.	9.	7.	98.	212.	253.	260.	211.	155.	167.	90.	21.	1499.
PREC.DEP.	1.	0.	2.	34.	169.	219.	209.	126.	125.	128.	48.	10.	1393.
EVPC.MM/MO.	170.	195.	225.	178.	146.	109.	127.	129.	150.	153.	135.	155.	1671.
ETP.MM/MO.	120.	137.	158.	133.	118.	90.	105.	104.	117.	120.	101.	110.	1414.
ET.DFF.,MM.	119.	137.	156.	98.	-51.	-129.	-104.	-22.	-8.	-8.	53.	100.	1319.
ETP.MM/DA.	3.68	4.91	5.11	4.30	3.80	3.00	3.40	3.35	3.89	4.00	3.35	3.55	7.43
MAIEPD/ETP	.01	.00	.01	.26	1.44	2.43	1.98	1.21	1.07	1.07	.48	.09	.51

## PORTUGUESA

MEAN PRECIPITATION = 1384-2139

SERIAL NO.	2277	TUREN COLONIA	PORTUGUESA	LAT.	915	LONG.	6906	ELEV.	275	YEARS	15		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	17.	28.	62.	179.	344.	376.	398.	308.	313.	249.	179.	81.	1687.
PREC.MIN.	0.	0.	0.	1.	72.	138.	141.	98.	38.	0.	4.	1.	1089.
PREC.MEAN	4.	3.	14.	66.	195.	268.	258.	192.	154.	112.	89.	30.	1384.
PREC.DEP.	0.	0.	0.	16.	104.	214.	212.	156.	117.	63.	49.	5.	1314.
EVPC.MM/MO.	184.	209.	241.	209.	142.	115.	121.	126.	130.	143.	136.	159.	1913.
ETP.MM/MO.	129.	147.	170.	153.	113.	96.	100.	100.	101.	108.	101.	114.	1433.
ET.DFF.,MM.	129.	147.	170.	137.	9.	-118.	-112.	-56.	-16.	45.	52.	109.	1349.
ETP.MM/DA.	4.17	5.24	5.50	4.94	3.65	3.20	3.24	3.24	3.37	3.60	3.38	3.67	7.30
MAIEPD/ETP	.00	.00	.00	.10	.92	2.23	2.11	1.56	1.16	.58	.48	.04	.49

TABLE 1. CONT.

PORTUGUESA

MEAN PRECIPITATION = 1384.2139

SERIAL NO. 2278 TUREN-TNST. AGSPAR TO PORTUGUE LAT. 916 LONG. 6906 ELEV. 275 YEARS 10

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	17.	3.	61.	121.	260.	376.	308.	327.	327.	133.	179.	60.	1687.
PREC.MIN.	0.	0.	0.	1.	0.	155.	189.	136.	38.	15.	4.	2.	1190.
PREC.MEAN	5.	1.	10.	56.	167.	298.	246.	228.	179.	110.	85.	25.	1404.
PREC.DEP.	0.	0.	0.	19.	91.	227.	203.	181.	118.	61.	30.	4.	1276.
EVPC/MM/MG.	183.	208.	240.	208.	141.	114.	120.	126.	130.	143.	135.	158.	1906.
ETP/MM/MG.	129.	145.	169.	151.	110.	97.	99.	103.	103.	108.	100.	113.	1427.
ET.DEF./MM.	129.	146.	169.	132.	19.	-130.	-104.	-78.	-15.	47.	70.	109.	1396.
ETP/MM/DA.	4.15	5.20	5.46	4.88	3.55	3.23	3.19	3.31	3.42	3.60	3.34	3.63	7.32
MAI=PD/ETP	.00	.00	.00	.13	.83	2.35	2.06	1.76	1.15	.56	.30	.04	.48

TABLE 1. CONT.

## AVERAGE VALUES FOR PORTUGUESA

MEAN PRECIPITATION = 1384-2179													
P OPTUGUESA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
PREC.MAX.	60.	34.	67.	234.	391.	425.	367.	366.	303.	281.	213.	80.	1904.
PREC.MIN.	0.	0.	0.	12.	31.	157.	158.	115.	70.	54.	14.	4.	1227.
PREC.MEAN	14.	7.	15.	32.	214.	295.	259.	219.	162.	149.	97.	35.	1560.
PREC.DEP.	1.	0.	2.	41.	143.	232.	212.	162.	117.	104.	47.	13.	1441.
EVPC.MM/MO.	173.	135.	228.	150.	142.	111.	172.	126.	136.	143.	133.	152.	1343.
ETP.MM/MO.	122.	137.	161.	141.	114.	94.	101.	102.	106.	111.	100.	109.	1398.
ET.DEF..MM.	121.	137.	159.	101.	-29.	-139.	-111.	-60.	-11.	6.	52.	95.	1293.
ETP.MM/DA.	3.94	4.91	5.20	4.56	3.68	3.12	3.26	3.29	3.55	3.68	3.32	3.51	7.46
MAI=PD/FTP	.01	.00	.01	.31	1.26	2.49	2.11	1.60	1.10	.94	.48	.13	.53

TABLE I. CONT.

SUCRE												MEAN PRECIPITATION = 444-989			
SERIAL NO.	1335	CARIACO	COPDON	SUCRE	LAT.	1028	LONG.	6332	ELEV.	5	YEARS	16			
PREC.MAX.	77.	60.	78.	101.	115.	252.	298.	237.	284.	268.	358.	213.	1563.		
PREC.MIN.	10.	0.	0.	0.	5.	53.	68.	26.	62.	43.	58.	13.	679.		
PREC.MEAN	34.	16.	17.	22.	49.	118.	169.	129.	132.	99.	127.	75.	989.		
PREC.DEP.	18.	5.	2.	5.	23.	79.	112.	71.	78.	51.	86.	27.	710.		
EVPC.MM/MO.	147.	167.	228.	247.	230.	152.	147.	158.	157.	173.	132.	123.	2057.		
FTP.MM/MO.	102.	117.	162.	176.	167.	115.	111.	121.	127.	130.	101.	91.	1518.		
ET.DEF.MM.	84.	112.	160.	171.	144.	38.	-1.	50.	48.	79.	15.	64.	1747.		
ETP.MM/DA.	3.28	4.17	5.21	5.67	5.38	3.85	3.59	3.90	4.21	4.32	3.36	2.93	6.73		
MAI=PD/FTP	.18	.04	.01	.03	.14	.68	1.01	.59	.62	.39	.85	.30	.29		
SUCRE												MEAN PRECIPITATION = 444-989			
SERIAL NO.	1737	CUMANA	INOS	SUCRE	LAT.	1030	LONG.	6410	ELEV.	34	YEARS	19			
PREC.MAX.	95.	116.	34.	25.	48.	111.	125.	226.	109.	157.	207.	122.	746.		
PREC.MIN.	0.	0.	0.	0.	0.	0.	0.	17.	10.	5.	11.	2.	243.		
PREC.MEAN	17.	11.	3.	5.	17.	42.	62.	90.	52.	48.	69.	28.	444.		
PREC.DEP.	1.	0.	0.	0.	6.	18.	31.	38.	40.	19.	17.	8.	300.		
EVPC.MM/MO.	160.	167.	205.	199.	187.	199.	214.	235.	210.	187.	142.	149.	2256.		
FTP.MM/MO.	113.	118.	144.	140.	132.	143.	156.	175.	152.	135.	104.	106.	1621.		
ET.DEF.MM.	112.	113.	144.	140.	126.	125.	125.	136.	112.	116.	87.	98.	1780.		
ETP.MM/DA.	3.66	4.21	4.64	4.51	4.27	4.78	5.05	5.65	5.08	4.51	3.48	3.43	5.70		
MAI=PD/FTP	.01	.00	.00	.00	.05	.13	.20	.22	.26	.14	.16	.08	.14		