

社会開発調査部報告書  
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DOMINICAN REPUBLIC  
INSTITUTO NACIONAL DE AGUAS POTABLES  
Y ALCANTARILLADOS

THE STUDY ON  
GROUNDWATER DEVELOPMENT PROJECT  
IN THE WESTERN REGION  
DOMINICAN REPUBLIC

VOLUME IV

DATA BOOK

AUGUST 1992

JAPAN INTERNATIONAL COOPERATION AGENCY

国際協力事業団

24280

VOLUME IV DATA BOOK

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## **1. Meteorological Data**

## COLLECTED DATAS LIST

### Meteorology

#### Daily Rainfall, Evaporation, Temperature, Relative Humidity, Wind Velocity

Station Name	Terms				
La Antona	1985~88				
Don Miguel	1985~88				
Quinigua	1985~88				
	Monthly Rainfall	Evapora- tion	Tempera- ture	Humidity	Wind
Don Miguel	1973~91	1977~91	1974~91	1973~91	1976~91
Partido	1971~91				
Naranjito	1980~89	1980~89	1980~89	1980~89	1986~89
Matayaya	1969~90	1969~90	1969~90	1969~90	1969~90
Quinigua	1972~91				
Santiago Rodriguez	1960~70				
Valverde	1968~91				
Antona	1968~88				

(Other 19 station's Record used the JICA's offered one.)





Table 2-1 Rainfall

Villa Elisa Station (Montecristi)

	'90	'91											
	12	1	2	3	4	5	6	7	8	9	10	11	12
1.							43	4					
2.						6							
3.						11						14	
4.													
5.												91	1
6.													
7.			4										
8.			8									54	
9.			2									1	
10.											27		
11.											79		
12.					3								
13.													
14.													
15.						3							
16.		61				1							
17.		1			20					5			
18.		31	6										
19.		69	1					7			16		
20.					3								2
21.					19	1				23			
22.						86							
23.						1							
24.						1							
25.						39							
26.						1							
27.										1			
28.													
29.		9			9								
30.		10											
31.													
Total		179	21	-	54	150	(43)	11	-	29	122	162	1
Rainy day		6	5	-	5	10	1	2	-	3	3	5	

Table 2-1 Rainfall

Loma de Cabrera Station (Dajabon)

	'91 12	'92 1	2	3	4	5	6	7	8	9	10	11	12
1.									56		10		
2.						76		11		15			1
3.			5		57					28			
4.									62				
5.									2				
6.				71									
7.							7			1			
8.							13	5		48		52	
9.						83				8	36	1	
10.						25				3	22		
11.				41						9	12		
12.		3		2									
13.		1					1		175		5		
14.										6			
15.						16	4	34	1				
16.						17			39		1		
17.									21				
18.					63	38							
19.					27	12			10	5	13		
20.		6							8				
21.		3			15		26		11				
22.		7			71	21			1		1		
23.					42	74	38						
24.						2			2				
25.						39		6	18				
26.					12	24			48				
27.					87			7				2	
28.					53		31						
29.					9			68	49			3	
30.					35		16			37			
31.						4							
Total		(20)	(5)	114	471	431	141	131	493	160	105	53	1
Rainy day		5	1	3	11	13	8	6	15	10	10	2	

Table 2-1 Rainfall

La Jaguita Station (Elias Pina)

	'90 12	'91 1	2	3	4	5	6	7	8	9	10	11	12
1.									3	18			
2.						1			26				
3.					8	1							
4.					1	37		9	51		53		
5.		3		4		32		2					
6.													
7.													
8.									14				
9.						12							
10.						15			24	2	9		
11.									1	1			
12.									1				
13.													
14.					15						40		
15.					4				6				
16.										55			
17.										7	1		
18.					106					1			
19.					3					1			
20.									56	2	67		
21.					7				9				
22.					9				23			12	
23.								2				23	
24.								33		1	6		
25.								7	1	25			
26.				3			41	8	2				
27.								4					
28.													
29.									1				
30.					118			11					
31.					3								
Total		(3)	-	7	274	(98)	(41)	76	218	153	171		
Rainy day		1	-	2	10	6	-	8	14	11	7		

Table 2-1 Rainfall

Postrer Rio Gaging Station (Independencia)

	'90	'91											
	12	1	2	3	4	5	6	7	8	9	10	11	12
1.						1							11
2.													3
3.						4							
4.						6							
5.					5				119		3		
6.						33			12				10
7.						1		8	6				1
8.							3	5					
9.							1	14					
10.						5					2		
11.					31	34							9
12.					5	13							1
13.						6							
14.													
15.													
16.								1		1			
17.					5	5			33	11	11		
18.							11		42	3			
19.					11						1		
20.								19					11
21.									15				2
22.					16	1	1	3					
23.					23	18	18		29	3	1		8
24.						5	5						
25.									1				
26.					7			1					
27.													
28.			4							25			
29.					8					2			
30.													
31.											4		
Total				4	95	143	44	51	257	45	22	56	
Rainy													
day					7	14	7	7	8	6	6	9	

Table 2-1 Rainfall

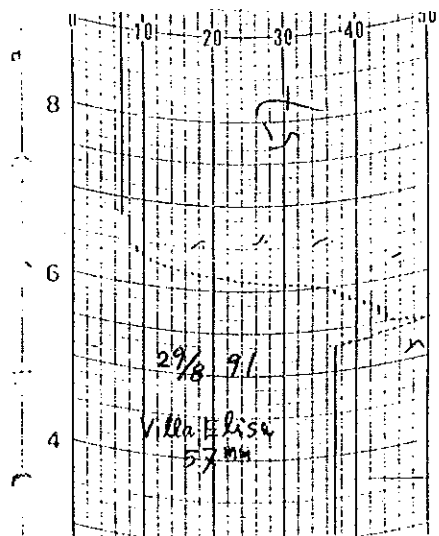
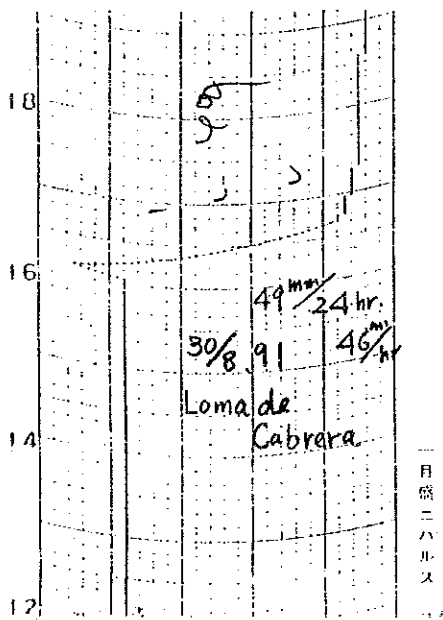
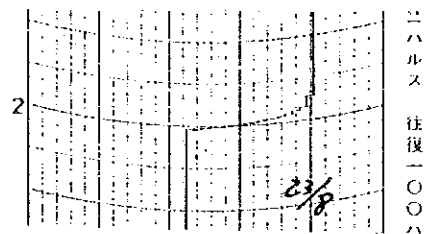
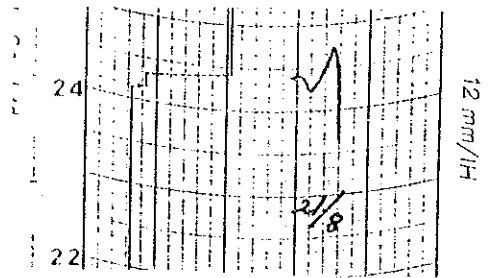
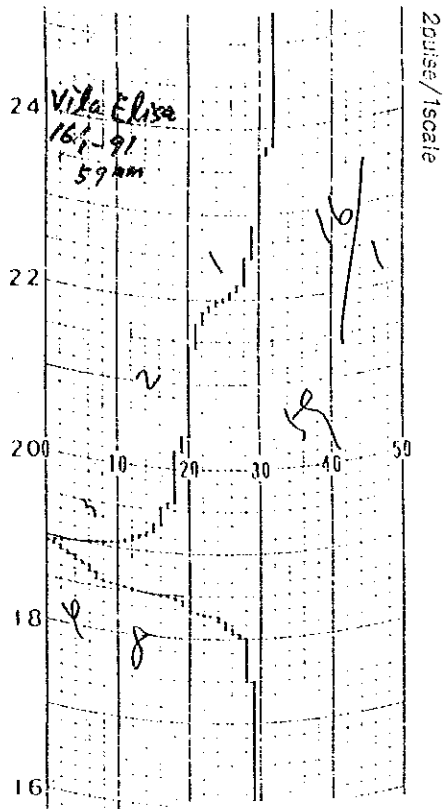
Papayo Station (Montecristi)

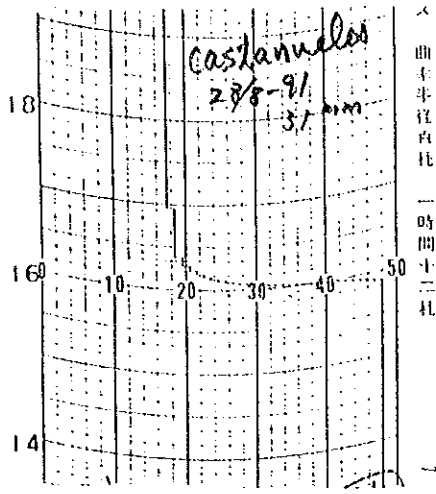
	'90	'91											
	12	1	2	3	4	5	6	7	8	9	10	11	12
1.		18											6
2.		1					35						11
3.						27							1
4.						13					2		
5.						46							
6.				32		16							
7.										74			
8.													
9.						7				1			
10.				5		4						28	
11.												45	
12.													
13.													
14.													
15.	1					6							
16.													
17.													
18.						5		24					
19.							10					39	
20.	5			4									
21.			37	19		17							
22.	5						34						
23.													
24.	21									6			
25.				2								3	
26.	9			56		91							
27.	1					35							
28.													
29.													
30.	1												
31.								25					
Total	43	19	37	118	-	277	79	49	-	81	117	18	
Rainy													
day	7	2	1	6	-	11	3	2	-	3			

Table 2-1 Rainfall

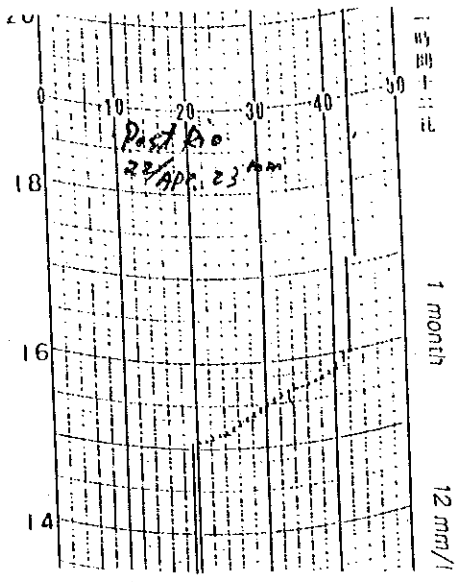
Castanuelas Station (Montecristi)

	'90	'91											
	12	1	2	3	4	5	6	7	8	9	10	11	12
1.								38	6		17		
2.					3							25	
3.										24	1		
4.													
5.													
6.													
7.													
8.													
9.										3			
10.													
11.						62			1	31			
12.							54				99		
13.										2			
14.													
15.						2							
16.						1							
17.						1							
18.						1	15		5				
19.						1							
20.													
21.					4	9	4		16				
22.					39	7			1				
23.						1							
24.						18							
25.						8							
26.									2				
27.													
28.									31				
29.													
30.								7	6				
31.								1			1		
Total					46	111	73	46	68	60	118	25	
Rainy													
day					3	11	3	3	8	4	4		

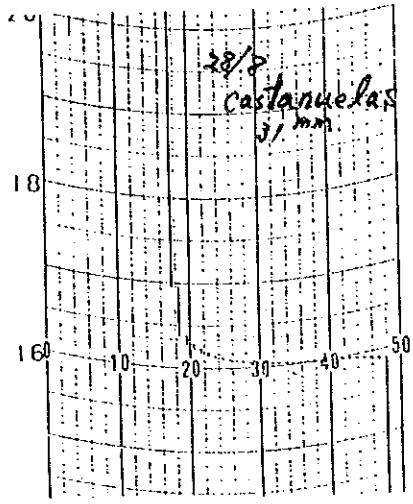




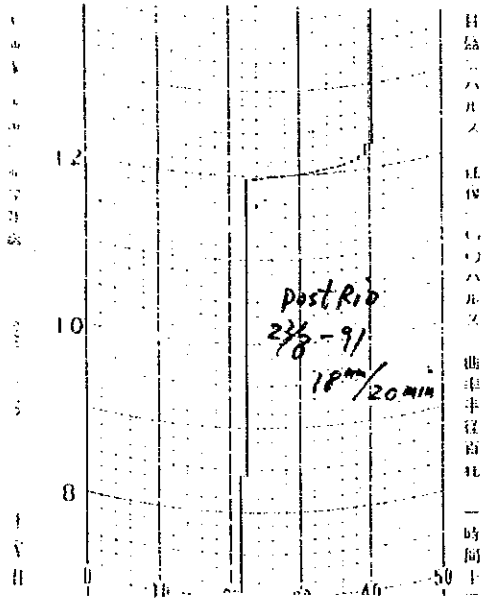
曲率半径直尺  
時間十二社  
1



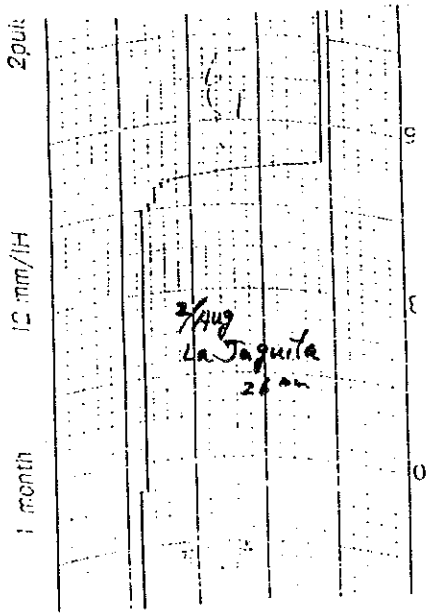
時間十二社  
1 month  
12 mm/l



曲率半径直尺  
時間十二社

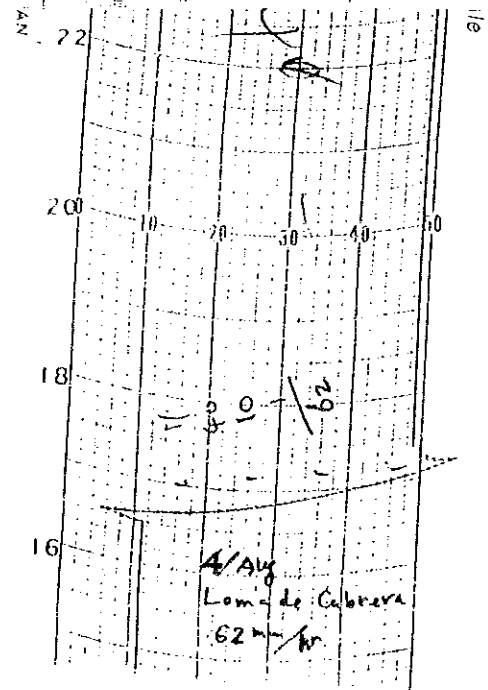
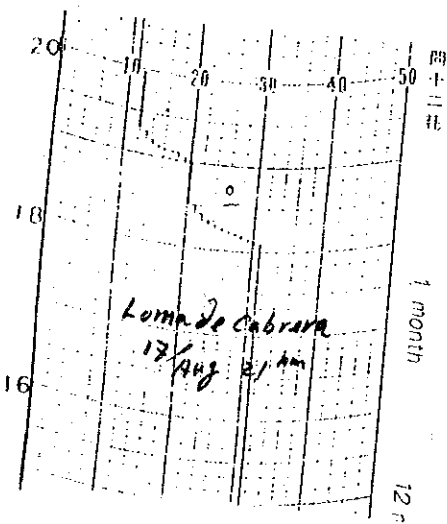
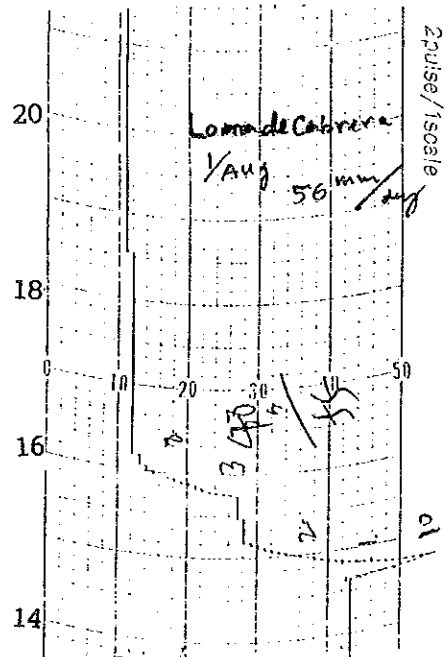
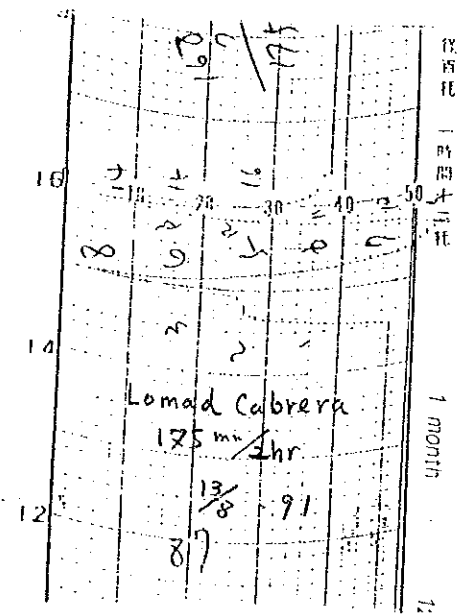
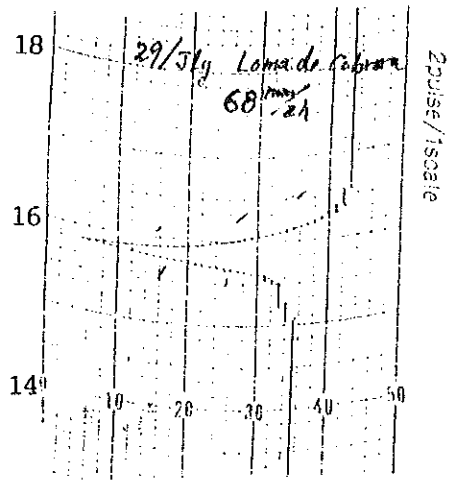
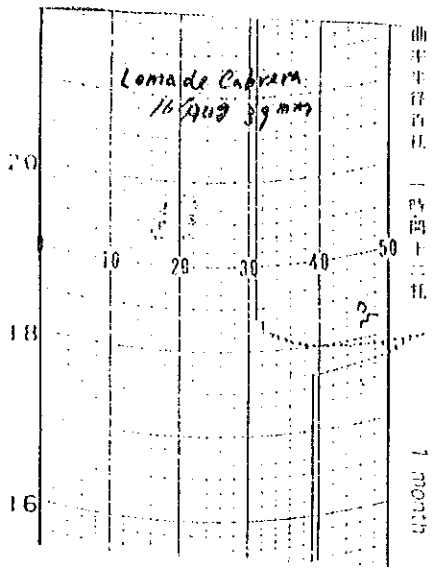


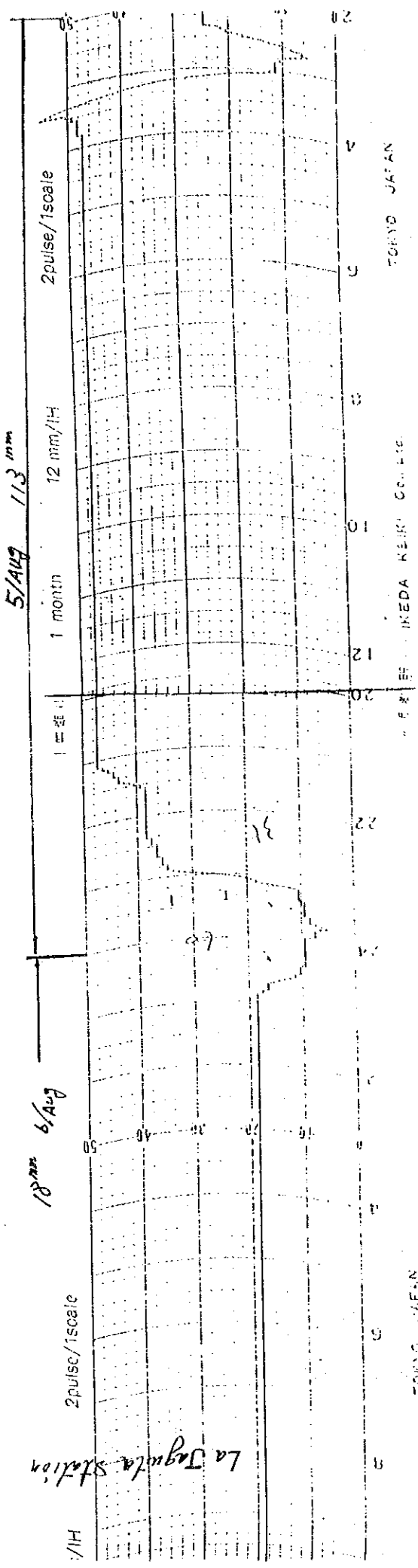
時間十二社  
曲率半径直尺



20 min  
12 mm/l  
1 month







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Table 2-2 Wind

Villa Elisa Station (Montecristi)

	90-11	90-12	91-1	91-2	91-3	91-4	91-5	91-6
	A B C D							
1				0 21 3 0	2 19 3 0			
2				6 17 1 0	1 17 5 1			
3				0 20 4 0	5 18 1 0			
4				0 22 2 0	12 7 5 0			
5				3 16 5 0	11 11 2 0			
6				3 17 3 1	5 12 5 2			
7				3 14 5 2	4 19 1 0			
8				0 23 1 0	3 19 2 0			
9				0 24 0 0	6 17 1 0			
10			2 22 0 0	0 19 5 0	6 9 9 0			
11	2 22 0 0		5 10 6 3	1 16 2 5	10 14 0 0			
12	6 18 0 0			5 5 13 1	3 18 3 0			
13	5 17 2 0			8 15 1 0	4 19 1 0			
14	1 23 0 0			0 17 7 0	1 24 0 0			
15	0 22 2 0			8 16 0 0	6 11 6 1			
16	6 15 3 0			2 21 1 0	5 13 3 3			
17	4 20 0 0			9 13 2 0	3 12 7 2			
18	3 19 2 0			2 22 0 0				
19	6 17 1 0			11 9 4 0	7 3 12 2			
20	2 22 0 0			8 6 3 7				
21	3 16 5 0			0 12 4 8				
22	0 24 0 0			5 7 5 7				
23	4 20 0 0			8 10 6 0				
24	8 13 2 1			5 10 9 0				
25	3 15 3 3			7 14 3 0				
26	0 16 6 2			3 13 10 1				
27	0 16 8 0							
28	0 17 6 1							
29	0 19 5 0							
30	0 18 6 0							
31	0 16 5 3							

hour = A = 0.0 B < 1.0 C < 2.0 D > 2.0 m/s Total 24hr

Table 2-2 Wind

Villa Elisa Station (Montecristi)

	91-7	91-8	91-9	91-10	91-11	91-12	92-1
1					7 15 1 1	6 8 4 6	
2				12 7 2 3	7 8 4 5	3 7 6 8	
3	3 21 0 0			10 6 8 0	7 8 4 5	3 7 6 8	
4	15 9 0 0			7 13 2 2	11 10 1 2	5 6 7 6	
5	15 9 0 0			13 6 4 1	2 12 3 7	10 6 2 6	
6	12 12 0 0			11 9 4 0	7 10 7 0	3 10 7 4	
7	20 1 3 0			10 12 2 0	3 5 11 5		
8	12 12 0 0		13 8 3 0	13 11 0 0			
9	10 11 3 0		10 6 8 0	19 2 2 1	8 4 1 11		
10	16 7 4 0		4 16 4 0	12 8 4 0	9 15 0 0		
11	14 10 0 0		10 9 5 0	9 11 2 2	9 11 4 0		
12	15 9 0 0		9 15 0 0	11 7 4 2	5 18 1 0		
13	17 7 0 0		9 15 0 0	8 15 1 0	11 6 3 4		
14	13 11 0 0		2 22 0 0	14 10 0 0	18 6 0 0		
15	17 7 0 0		1 23 0 0	7 10 1 6	10 7 4 3		
16	12 12 0 0		3 18 3 0	7 6 7 4	6 15 3 0		
17	9 15 0 0		10 12 2 0	14 4 1 5	12 8 2 2		
18	19 5 0 0		11 9 4 0	11 3 3 7	4 18 2 0		
19	20 4 0 0		16 6 1 1	12 5 5 2	8 15 1 0		
20	15 9 0 0		12 9 1 2	5 14 3 2	6 10 2 6		
21	5 19 0 0		8 15 1 0	8 8 8 0	4 13 4 3		
22	6 18 0 0		7 17 0 0	11 4 7 2	8 11 3 2		
23	19 5 0 0		18 6 0 0	8 9 6 1	7 10 1 6		
24	8 11 5 2		13 9 2 0	7 13 1 3	1 12 3 8		
25	12 8 2 2		9 11 4 0	6 15 3 0	3 9 3 9		
26			4 15 5 0	7 12 5 0	4 13 5 2		
27			11 13 0 0	2 20 2 0	8 8 1 7		
28			12 9 2 1	5 19 0 0	3 13 3 8		
29			11 11 2 0	0 21 3 0	6 7 5 6		
30			12 6 5 1	12 11 0 1	8 5 6 5		
31			15 8 1 0	5 16 3 0	9 4 6 5		
				8 11 3 3			

Table 2-2 Wind

Montecristi Station

	90-11	90-12	91-1	91-2	91-3	91-4	91-5	91-6
1			0 21		4 20		5 19	10 10
2			0 24		9 13		9 10	0 20
3			0 24		2 21		5 16	3 15
4			4 20		1 23		9 15	5 16
5			2 18		3 17		6 13	5 17
6			8 14		12 12		4 10	13 10
7			0 20		9 15		3 15	5 17
8			0 24		8 16		3 16	9 15
9			7 17		1 22		2 11	13 9
10			1 23		2 22		11 11	5 15
11			5 19		2 15		7 7	2 19
12			1 21		0 24		3 12	16 8
13					0 22		6 10	12 12
14					5 19		2 13	15 6
15							4 10	10 10
16							9 10	10 12
17							17 7	
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

Table 2-2 Wind

Montecristi Station

	91-7	91-8	91-9	91-10	91-11	91-12	92-1
1						7	9
2						9	5
3						6	4
4						11	4
5						3	17
6							3
7							
8							
9							
10	9	11	0	4	9	15	0
11	9	9	2	4	9	8	7
12	10	7	3	4	9	9	6
13	8	12	3	1	9	8	7
14					7	17	0
15					10	8	6
16					14	8	2
17					11	6	2
18					4	16	1
19					14	5	5
20					10	11	2
21					5	14	2
22					9	9	4
23					7	10	4
24					11	7	2
25					9	10	5
26					10	10	2
27					7	10	7
28					13	6	5
29					6	9	7
30					9	12	3
31					5	14	3
					6	10	5
					8	10	2
					10	9	3
							2

Table 2-2 Wind

Castanuelas Station (Montecristi)

	90-11	90-12	91-1	91-2	91-3	91-4	91-5	91-6
1								
2		7						2
3		5						16
4		3						14
5		1						20
6		2						17
7		0						15
8		0						17
9		0						0
10		0						16
11		0						14
12		0						12
13		2						15
14		2						10
15	0	0						8
16	0	0						14
17	0	0						3
18	0	0						21
19	0	0						18
20	0	0						10
21	0	0						17
22	0	0						9
23	0	0						13
24	0	0						18
25	0	0						19
26	0	0						13
27	0	0						17
28	1	0						7
29	1	0						15
30	0	0						12
31	0	0						12

Table 2-2 Wind

Castanuelas Station (Montecristi)

92-1

91-12

91-11

91-10

91-9

91-8

91-7

1	7	17	0	0	0	0	0
2	3	16	5	0	0	0	0
3	2	15	7	0	0	0	0
4	3	15	4	2	2	0	0
5	0	15	9	0	0	0	0
6	0	14	8	2	2	1	1
7	0	15	8	1	1	0	0
8	0	18	2	4	4	0	0
9	0	19	5	0	0	0	0
10	0	16	6	2	2	0	0
11	0	13	8	3	3	0	0
12	0	15	9	0	0	0	0
13	0	21	3	0	0	0	0
14	0	16	6	2	2	0	0
15	0	12	11	1	1	0	0
16	5	18	1	0	0	0	0
17	0	23	1	0	0	0	0
18	0	17	6	1	1	0	0
19	0	12	12	0	0	0	0
20	0	13	10	1	1	0	0
21	1	17	6	0	0	0	0
22	0	17	7	0	0	0	0
23	0	16	8	0	0	0	0
24	16	8	0	0	0	0	0
25	11	13	0	0	0	0	0
26							
27							
28							
29							
30							
31							



Table 2-2 Wind

Montecristi Station

	90-11	90-12	91-1	91-2	91-3	91-4	91-5	91-6
1								
2			4 20		7 15	14 8	12 10	
3			1 23		1 19	8 2	2 19	
4			5 19		8 15	2 0	5 15	
5			3 21		5 19	1 0	7 13	
6			5 19		7 10	7 1	6 17	
7			1 23		9 12	0 0	17 7	
8			0 20		5 16	0 0	7 14	
9			11 12		4 18	2 0	16 8	
10			2 22		0 18	5 1	18 3	
11			2 22		4 17	2 3	15 6	
12			3 21		3 15	3 3	1 21	
13			5 19		4 20	0 0	19 5	
14			4 20		1 20	2 1	17 7	
15			0 16		3 15	6 0	18 6	
16			1 19		8 9	3 4	12 12	
17			6 12		8 15	1 0	14 10	
18			5 19		6 13	3 2	17 7	
19			2 22		15 4	3 0	18 12	
20			6 18		9 13	4 2	14 10	
21			0 24		5 13	4 2	14 10	
22			1 23		9 15	0 0		
23				13 10	14 10	0 0		
24				4 15	5 15	0 0		
25				17 7	8 13	2 1		
26				6 16	13 10	1 0		
27				4 8	11 13	3 0		
28				6 13	17 7	0 0		
29				3 21	6 15	3 0		
30					10 10	2 2		
31					8 13	3 0		

0 0 0 1 0 2 0 0 0 0  
 0 0 5 4 0 0 0 0 0  
 9 8 9 7 4 3 2 0 0 0  
 15 16 9 13 7 6 13 8 12 13 11 10 11 8 13 11 11 13

Table 2-2 Wind

Loma de Cabrera Station (DaJabon)

	91-7	91-8	91-9	91-10	91-11	91-12	92-1
1	11	14	14	14	14	14	14
2	9	11	21	21	21	21	21
3	18	6	5	13	13	13	13
4	8	8	13	11	11	11	11
5	10	13	16	8	8	8	8
6	15	9	8	16	16	16	16
7	6	13	17	7	7	7	7
8	18	3	15	9	9	9	9
9	6	16	19	5	5	5	5
10	14	6	15	9	9	9	9
11	10	12	12	8	8	8	8
12	12	10	10	12	12	12	12
13	13	10	13	8	8	8	8
14	10	8	20	0	0	0	0
15	19	5	16	8	8	8	8
16	10	14	6	14	14	14	14
17	11	13	13	10	10	10	10
18	12	12	10	12	12	12	12
19	15	6	8	14	14	14	14
20	8	16	16	6	6	6	6
21	4	16	16	7	7	7	7
22	13	11	12	11	11	11	11
23	15	8	16	8	8	8	8
24	10	12	11	11	11	11	11
25	10	12	19	5	5	5	5
26	10	12	12	10	10	10	10
27	11	7	12	8	8	8	8
28	10	9	20	2	2	2	2
29	11	9	22	2	2	2	2
30	6	18	0	0	0	0	0
31							

Table 2-2 Wind

Elias Pina Station

	90-11	90-12	91-1	91-2	91-3	91-4	91-5	91-6
1						4 20	0 21	0 21
2						5 14	2 20	2 20
3						0 24	8 16	8 16
4						3 21	15 8	15 8
5						2 22	0 23	0 23
6						7 15	3 21	3 21
7						6 14	0 0	0 0
8						0 20	14 10	14 10
9						0 19	0 24	0 24
10						2 19	0 24	0 24
11						6 17	22 2	22 2
12						0 22	7 15	7 15
13						0 0	3 20	3 20
14						0 18	10 13	10 13
15						0 17	6 15	6 15
16						0 15	6 17	6 17
17						0 13	3 20	3 20
18						0 14	0 22	0 22
19						0 11	0 21	0 21
20						0 15	4 19	4 19
21						0 16	7 9	7 9
22						0 23	15 8	15 8
23						0 21	5 18	5 18
24						0 21	0 22	0 22
25						0 16	3 12	3 12
26						9 15	0 14	0 14
27						2 14	8 8	8 8
28						0 16	0 16	0 16
29						0 17	7 1	7 1
30						10 7	6 1	6 1
31							6 3	6 3

Table 2-2 Wind

Elias Pina Station

91-7      91-8      91-9      91-10      91-11      91-12      92-1

1  
2  
3  
4  
5  
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31

Table 2-3 Groundwater Level

Loma de Cabrera Station

	90-12	91-1	91-2	91-3	91-4	91-5	91-6	91-7	91-8	91-9	91-10	91-11	91-12	92-1	92-2
1		2.558	2.785	2.928	2.343			2.403				2.378			
2		2.568	2.798	2.94	2.338			2.419				2.394			
3		2.572	2.792	2.95	2.338			2.428				2.41			
4		2.573	2.788	2.96	2.305			2.441				2.42			
5		2.581	2.791	2.965	2.285			2.461				2.435			
6		2.587	2.799	2.98	2.285			2.478				2.453			
7		2.592	2.808	2.90	2.285			2.484				2.47			
8	2.32	2.590	2.805	2.73	2.295			2.496				2.481			
9	2.33	2.608	2.810	2.682	2.302			2.496				3.50			
10	2.342	2.613	2.810	2.65	2.32			2.510				3.518			
11	2.349	2.627	2.817	2.655	2.335			2.524							
12	2.358	2.637	2.826	2.655	2.29			2.540							
13	2.37	2.642	2.83	2.655	2.278			2.558							
14	2.38	2.650	2.835	2.66	2.28			2.57							
15	2.39	2.662	2.84	2.67	2.29			2.583							
16	2.40	2.675	2.8442	2.68	2.298		2.328	2.598			2.195				
17	2.41	2.675	2.853	2.685	2.304		2.331	2.61			2.18				
18	2.42	2.672	2.852	2.70	2.322		2.338	2.629			2.18				
19	2.432	2.678	2.869	2.715	2.32		2.342	2.644			2.18				
20	2.435	2.688	2.875	2.72	2.33		2.343	2.659			2.18				
21	2.448	2.694	2.880	2.713	2.32		2.32	2.673			2.187				
22	2.46	2.702	2.890	2.683	2.315		2.31	2.688			2.22				
23	2.46	2.710	2.902	2.668	2.315		2.31	2.705			2.228				
24	2.483	2.72	2.910	2.66	2.333		2.308	2.72			2.25				
25	2.49	2.75	2.916	2.51	2.345		2.32	2.738			2.254				
26	2.50	2.784	2.92	2.515	2.319		2.324				2.277				
27	2.51	2.745	2.92	2.495	2.307		2.343				2.28				
28	2.518	2.756	2.922	2.485			2.358				2.32				
29	2.53	2.763		2.485			2.374				2.325				
30	2.539	2.768		2.472			2.39				2.349				
31	2.55	2.780		2.410							2.36				



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
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Pag. No: 1  
 Fecha : 08/29/91  
 Hora : 13:34:15

\* VALORES MENSUALES DEL PARAMETRO: Humedad Relativa \*  
 \*\*\*\*\*

CODIGO 5481 \* CUENCA ARTIBONITO \* ESTACION MATAYAYA  
 TIPO: CLI \* LATITUD: 18 53 0 \* LONGITUD: 71 35 18 \* ELEVACION: 430

AÑO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1973	69.6	73.9	69.1	66.6	69.3	75.6	70.5	75.2	80.3	80.4	81.0		
1974		81.9	78.9	81.7	82.9	82.1	77.3						
1975													
1976				81.4		89.3	92.8	90.9		92.1	91.5	92.4	
1977	88.8	75.3		93.7	95.1					92.9	91.7	88.2	
1978	98.9	91.5	86.5				89.2	90.5	90.4		87.0	83.0	
1979	76.7	78.5	81.6	73.8	89.3	87.0	87.1	86.6	90.1	90.4	89.7	89.7	85.1
1980	84.5	83.3	84.3	87.9	89.4	83.5	81.0	83.3	88.7	82.8	95.7	99.1	85.3
1981	87.7	87.0	88.7	88.6	81.9	82.8		88.7	81.0	82.7	85.0	84.5	
1982	82.3	78.2	73.2	76.6	83.2	77.8	73.9	75.1	77.7		79.5	80.3	
1983	77.0	75.7	73.4					72.6	74.9	88.1	79.6	76.0	
1984	74.3			92.5		95.7		64.7	73.2	74.5	78.7	64.4	
1985		57.8		61.6		61.9	65.2	65.9		74.9		67.3	
1986	65.2	62.0	62.7		75.6	66.3	57.3	64.1		74.2	74.3		
1987		64.9	61.0	70.4		78.6	66.0	69.4			71.1	76.4	
1988	70.9		69.6			67.2	72.2	72.2	73.6	75.6	75.5	73.9	
1989		75.1	71.6		72.2	66.3	67.4	72.8	73.6	72.0	72.2	76.1	
1990	72.6	69.4	70.9			67.2	72.1		70.7	77.6	75.5	74.5	
1991	69.2	72.7			71.7								
PROM	77.6	75.1	74.1	78.8	81.0	76.6	74.8	76.0	79.5	80.8	80.7	79.7	85.2

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Pag. No: 2  
 Fecha : 00/29/91  
 Hora : 09:05:54

\* VALORES MENSUALES DEL PARAMETRO: Evaporacion Tanque A \*  
 \*\*\*\*\*

CODIGO 0102 \* CUENCA MASACRE \* ESTACION DON MIGUEL  
 TIPO: CL1 \* LATITUD: 19 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

ANO	EHE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1970													
1971													
1972													
1973													
1974													
1975													
1976						172.3E		216.7E					133.9
1977	116.0E	151.7E	229.0	218.0E							109.1		112.7E
1978	116.9E		128.1E				186.1E		144.5E		111.4E		111.4
1979	150.2E	151.0E		175.3E	161.1E		169.4E				97.5		98.3E
1980	101.5	120.6	179.0E				193.3E				127.2		97.6E
1981	83.9	131.1	170.9	227.0E		168.7	169.5E	165.4	155.5E				98.6E
1982	106.0E	153.8	239.0	242.3		180.0E	206.9E	249.5	177.4E	186.7E	137.0E		185.2E
1983	103.8	167.8	221.9E	264.2E	202.0E				222.9	140.1	139.2E		155.1
1984	163.8	180.0E	212.8		228.4E	180.7E	218.0E	213.4E					135.5
1985	179.5E	176.9	190.4E	209.0E				179.0E		127.3	110.9		126.9
1986	176.5		208.2E			162.2	198.7E	192.6E	202.3E		108.9E		226.8
1987	206.2E	143.4E	203.0E		138.3E	156.2	207.7E					101.5E	
1988	98.4E	114.9	133.4E	157.9E			150.6E	144.3E	109.0E	108.4E			97.6E
1989	131.9	127.1	112.0	151.9E	131.3E	124.3E				126.2	107.0		97.0E
1990	94.7	119.5	138.0		143.3E	121.0E	133.5E			128.7E			72.4E
1991	141.4	125.1	140.0E	134.0E	119.2	112.0E							
FROM	136.7	143.3	179.1	198.1	160.5	153.3	183.5	194.5	168.6	137.6	115.0		124.4



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Pag. No: 3  
 Fecha : 03/29/91  
 Hora : 09:09:43

! VALORES MENSUALES DEL PARAMETRO: Temperatura media !  
 !!!

CODIGO 0102    ! CUENCA MASACRE                    ! ESTACION DON MIGUEL  
 TIPO: CLI    ! LATITUD: 19 38 10    ! LONGITUD: 71 48 40    ! ELEVACION:    45

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1970													
1971													
1972													
1973													
1974	22.7		23.7		25.7	27.2	27.6	27.5	27.1	25.8	25.0	23.1	
1975	22.8	24.1	24.9	25.9	26.9	27.1	27.1	27.3	26.7	26.4	24.9	21.4	25.4
1976	21.9	22.4	23.8		26.6	26.1	26.7	27.4		26.2	25.8	24.8	
1977	23.9	24.8	25.1	25.6	26.2	27.2	27.6	27.6	26.9	26.9	26.0	25.0	26.1
1978	24.0	23.0	24.9	24.7	26.7	27.2	27.0		27.0	26.6	25.1		
1979	23.4	23.9	23.1	24.5	25.0		27.1	27.2	26.3	26.5	24.7	23.2	
1980	23.4	23.4	24.5	25.8	26.1	27.3	27.5	27.2	26.7	26.8	26.0	23.8	25.7
1981	22.9	23.3	24.5	24.6	26.4	26.6	26.5	27.1	27.2	26.1		24.3	
1982	23.2	23.4	25.2	26.0	25.2			27.6	27.2	26.9	24.9	22.8	
1983	24.4		25.8	25.8		27.7	27.7	27.7	27.5	27.0	26.0	25.0	
1984	24.1	24.4	25.0	26.6	26.4	26.6	27.1	27.1	26.7		25.2	23.1	
1985		23.5	24.0	25.1	26.7	27.3	27.4	27.3	27.0	26.1	25.2	23.6	
1986	23.7	23.5	24.9			26.9	27.5	27.3	26.9	26.5	25.2	24.9	
1987	23.9	24.3	24.8	25.9	26.0	26.1	26.2	26.7	26.1		24.8	23.2	
1988	22.9	23.1	23.6	25.0	26.0	26.8	26.3	26.5	26.8				
1989	23.3	22.0	23.0	24.3	25.6	26.0		27.2	26.7	26.3	25.0	24.3	
1990	23.4	23.4	23.8	25.2	26.2	26.9	25.9	26.8	26.7	26.6	24.8	23.3	25.2
1991	24.0	24.3	25.0	25.5	26.3								
PROM	23.4	23.6	24.4	25.4	26.2	26.9	27.0	27.2	26.8	26.5	25.2	23.7	25.6



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Pag. No: 5  
 Fecha : 08/29/91  
 Hora : 07:36:09

† VALORES MENSUALES DEL PARAMETRO: Velocidad Viento (3 m.) †

\*\*\*\*\*  
 CODIGO 0102 † CUENCA MASACRE † ESTACION DON MIGUEL  
 TIPO: CLI † LATITUD: 19 30 10 † LONGITUD: 71 40 40 † ELEVACION: 45

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1970													
1971													
1972													
1973													
1974													
1975													
1976					1.5	0.6	2.0	2.0		1.1	0.8	1.4	
1977	1.1	1.2	2.5	2.9	1.5	1.3	1.9	1.7	0.8	5.1	1.2	1.0	1.8
1978	0.3	0.9	1.2	1.1	1.0	0.8	1.6		0.1	0.8	1.1	1.2	
1979	1.5	1.7	1.8	1.5	1.0		1.9	1.6	1.1	0.1	0.1	0.1	
1980	1.2	1.6	1.9	1.1	1.1	1.4	1.5	1.3	1.1	0.7	1.0	0.1	1.2
1981	0.9	1.9	1.9	2.6		1.0	1.0	1.2	0.8	0.5			
1982	1.4	1.7		1.5	0.2	0.4		1.3	1.0	0.7	0.6		
1983		0.8	0.4	0.3						0.2			
1984		0.6	0.2			0.0		0.6			1.0	2.3	
1985		2.1	2.2	1.7	1.3	0.9	1.1	1.2			0.1	1.0	
1986					0.1		0.2				1.0	1.1	
1987			1.4	1.0		0.8							
1988													
1989													
1990													
1991													
FROM	1.1	1.4	1.5	1.5	0.9	0.8	1.4	1.4	0.8	1.1	0.8	1.0	1.5





INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
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Pag. No: 2  
 Fecha : 08/27/91  
 Hora : 10:06:21

¡ VALORES MENSUALES DEL PARAMETRO: Evaporacion Tanque A ¡

¡ ESTACION MATAYAYA  
 CODIGO 5401 ¡ CUENCA ARTIRONITO  
 TIPO: CL1 ¡ LATITUD: 18 53 S ¡ LONGITUD: 71 35 18 ¡ ELEVACION: 430

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1968											189.9E	157.2E	139.7E
1969	188.6	167.4E	253.7					237.5E					
1970	155.9	177.2	261.5E	305.5E	199.0E				151.7E	158.5E	136.1	165.2	
1971		196.5	244.6E	198.7							111.6	111.4	
1972	146.6	178.7	187.0	173.5	201.1	187.8	215.3E	204.4E	203.9E		219.3	208.9	
1973	224.0	159.6	177.5	202.1	182.5		167.1	196.1	174.0	177.1	137.4		
1974	195.1	164.1	198.5	178.2E	183.7	179.0	190.4	192.1E	201.9E		205.3	203.5	
1975	213.0									177.1		175.7	
1976	199.0	222.0	239.0		224.8E		249.2	205.8E			234.7E	245.6	
1977	206.5E	234.4E				254.0						240.0	
1978	255.2E	228.7E	230.8E								211.6	201.5	
1979	206.0	203.1	209.2E	184.5E			247.0	237.5E	223.0E		248.1	255.0	
1980	253.5	218.5	268.1	199.6E		255.3E					216.8	224.8E	
1981	213.5	207.9	204.2E	251.5E		244.2E		249.4E				199.6	
1982		141.1E				269.9E	254.6E	276.2E			214.4E	182.0	
1983	232.0	212.8E	252.1E				193.8E			161.3E	111.9E	129.3E	
1984	134.4E	176.0E	223.4E	261.2		165.4E		233.2E			150.8	171.0	
1985	169.5		273.1				243.2E	229.0E	208.7E	192.2		195.8	
1986	239.5	221.1	221.8E		189.4E	257.3E			179.6E	180.3E	138.1E	176.1E	
1987		232.6E	242.6				273.7					136.9	
1988	143.7E			213.8E		263.1				152.0E			
1989	131.1	189.5	197.7E	221.5E		222.7E	219.0E	201.7E		174.7E		159.5E	
1990	179.8E	203.5	258.4					169.8	154.0E	143.9E	126.6E	137.2	
1991	195.2E	198.4			329.5E								
PROM	194.1	196.3	234.6	217.3	215.8	229.9	225.3	219.4	187.1	170.7	174.7	182.9	

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Fecha : 08/29/91  
Hora : 10:10:57

! VALORES MENSUALES DEL PARAMETRO: Temperatura media !  
!!

CODIGO 5401    ! CUENCA ASTIBONITO                    ! ESTACION MATAYAYA  
TIPO: CL1    ! LATITUD: 18 53 0    ! LONGITUD: 71 35 18    ! ELEVACION: 430

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1968									23.4		23.3		
1969	22.8	22.5	24.9	24.6	25.2	25.8	25.3	24.7	25.6	24.7	23.5		
1970	22.7	23.9	24.0	25.3	24.4	25.6	24.8	25.7	24.8	24.5	22.9	22.4	24.3
1971		23.4	24.6	24.3	25.3	25.5	24.8	25.1	25.2		24.0	22.5	
1972	23.0	24.4	23.7	25.3	25.0	24.8	25.4	25.6	25.6	24.8	24.9	23.2	24.6
1973	23.6	23.6	25.4	25.1	24.8	25.1	25.7	24.4	25.1	24.7	22.7		
1974	19.6	20.9	20.1	22.1	22.4	23.5	23.8	23.2	23.3	22.9	23.4	22.9	22.3
1975	23.1	24.9	25.1		23.9	24.1	24.7	23.5		23.7	24.5	21.0	
1976	23.4	25.3	23.9	21.0	21.7	20.6	23.5	22.5		22.6	22.3	20.2	
1977	19.7	22.3		20.6	20.3	22.2		21.2		22.5	22.2	20.7	
1978	20.5	19.8	22.7	21.3	22.9	22.7	23.3	23.4	23.2		22.1	21.0	
1979	20.2	21.4	21.2	22.5	21.8	22.9	23.8	23.3	23.4	23.6	21.7	19.6	22.1
1980	20.9	21.0	22.6	22.6	22.1	24.5	24.6	23.6	23.7	23.8	22.5	20.5	22.7
1981	20.7	20.2	22.8	23.8		23.8							
1982													
1983													
1984								26.2		24.6	23.7	22.2	
1985		23.0		25.3						25.1	24.4	22.8	
1986	22.8	23.0	24.9		24.5	26.1	27.1		25.5	25.5	24.2		
1987		23.7	24.1	25.2	25.5	25.2	27.1	25.9			25.1	24.0	
1988			24.8					26.4	26.0	25.5	24.2	22.7	
1989	23.2		24.0			26.4	26.2	26.0	25.6	25.2		23.0	
1990	22.2	23.2	24.8	25.8		26.5	26.6		26.3		23.7	22.6	
1991	22.6	23.5		25.6	25.1								
PROM	21.9	22.0	23.7	23.8	23.7	24.4	25.1	24.5	24.8	24.2	23.4	22.0	23.2







INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 2  
 Fecha : 09/29/91  
 Hora : 10:42:18

\* VALORES MENSUALES DEL PARAMETRO: Evaporacion Tanque A \*  
 \*\*\*\*\*

CODIGO 5410 \* CUENCA ARTIBONITO \* ESTACION NARANJITO  
 TIPO: CL1 \* LATITUD: 19 17 2 \* LONGITUD: 71 29 50 \* ELEVACION: 900

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1979													
1980	24.7	15.5	58.0	84.1	107.8	97.1E	129.8E	114.7E	97.9E	103.9E			
1981	99.7E	76.7E	95.4E	105.2E	102.8E		102.2	97.5E		91.4E	96.2E	89.8	
1982	103.1E	90.9E		103.7	112.7E	99.4	101.5	115.8E			97.2E	98.5	
1983	100.9	91.5	100.5E	94.2				104.4	99.6E	97.8	98.6	101.6	
1984	105.0	100.8	104.4E	102.2	101.5E	95.5	104.8	108.6E	99.1E	104.5E	100.7		
1985	103.1		111.3	106.4E	112.1E	110.3E	106.9	105.1E	102.2E	105.4E	100.4		
1986	101.5	89.5	103.1E		104.1E	102.1E	110.6E	100.1	103.0E	137.4	121.6E	118.0	
1987	109.2E	97.6E		121.0E	117.0	118.6E	122.2E	124.9					
1988	113.4	108.6E	125.4	140.5	143.8E	150.3E	147.6E		144.4	154.4	148.0E	131.1	
1989	140.0E	103.0E	110.3E	137.6	145.9E	158.2					159.3E		
1990			152.3E			162.2	201.4	174.0E		144.3E	144.0E		
PROM	100.5	94.8	112.9	113.8	117.4	121.2	125.2	116.3	110.5	116.5	117.5	107.8	

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 3  
 Fecha : 08/29/91  
 Hora : 10:44:32

! VALORES MENSUALES DEL PARAMETRO: Temperatura media !  
 !!!

CODIGO 5410    ! CUENCA ARTIBONITO                      ! ESTACION NARANJITO  
 TIPO: CL1    ! LATITUD: 19 17 2    ! LONGITUD: 71 29 50    ! ELEVACION: 988

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1979													19.2
1980	19.8	19.7	20.5	21.2	21.8	22.7	23.0		22.2	22.6	21.8	20.0	
1981	19.2	19.4	20.7	20.0	21.8	22.2	22.5	22.6	22.5	22.0	21.6	20.5	21.3
1982	20.2	19.7		21.0	21.5	22.0		22.5	22.5		21.0		
1983	20.6												
1984													
1985				20.8	22.6								
1986			21.1			22.4		23.0	22.9			21.3	
1987													
1988											21.2	20.0	
1989						22.0	22.2						
1990													
PROM	20.0	19.6	20.8	20.8	21.9	22.3	22.6	22.7	22.5	22.3	21.4	20.2	21.3







ESTACION CLAVES  
 SERVICIO METEOROLOGICO  
 DEPARTAMENTO DE AERONAUTICA

PRECIPITACION, mm. (mm.)  
 \*\*\*\*\*

PERIODO: 1971 A 1978 ESTACION: CLAVES  
 PERIODO: 1971 A 1978 ESTACION: CLAVES

AÑO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC	TOTAL
1971								130.6	6.0	37.5	70.3		
1972	18.2	35.3	74.2	47.8	93.4	54.8	89.1	75.4	42.5	124.5	53.5	84.5	822.0
1973	15.1	35.3	106.9	35.2	27.0	133.5	42.5	37.3	70.7	233.3	35.2	110.7	905.0
1974	43.7	30.4	48.0	44.4	118.3	14.9	14.7	148.4	44.0	62.5	124.5	65.0	767.0
1975	14.1	8.0	37.3	20.3	123.3	61.5	55.1	7.5	58.5	73.4	271.4	154.9	921.2
1976	49.9	78.3	8.3	33.4	8.9	18.6	14.3	13.4	93.5	113.7	13.9	113.4	693.0
1977	30.7	3.2	3.7	119.1	131.5	8.3	37.1	34.7	79.3	9.9	74.5	86.0	542.0
1978	24.5	14.5	104.4	172.3	47.0	22.6	22.3	36.1	137.5	51.7	14.2	77.2	773.0
1979	24.4	45.4	137.4	233.1	182.7	270.4	169.3	105.7	74.8	223.4	133.7	37.3	1829.0
1980	40.2	36.2	41.3	113.6	268.9	68.0	3.3	103.0	139.0	158.4	7.0	229.6	1230.0
1981	117.4	40.8	53.6	139.2	177.8	33.7	32.4	74.3	77.7	129.0	74.0	73.4	1134.0
1982	86.5	32.6	3.7	33.4	226.0	2.8	43.8	17.1	68.5	14.3	38.2	134.3	763.0
1983	11.1	23.4	44.3	76.3	223.9	243.7	43.9	30.2	41.0	33.3	36.3	3.3	940.0
1984	33.2	77.4	4.2	34.7	124.1	260.4	4.3	73.3	144.3	104.0	128.2	37.0	1167.0
1985	28.0	23.9	72.2	61.0	133.3	33.9	27.3	33.7	48.4	114.4	230.3	22.7	727.0
1986	59.4	31.8	127.2	201.1	157.0	3.3	33.3	31.0	41.4	44.4	237.1	11.7	981.0
1987	69.8	7.1	12.2	107.4	168.4	36.6	77.0	8.3	104.4	233.1	246.0	117.1	1182.0
1988	229.7	11.1	19.0	130.1	47.7	1.4	303.1	38.3	133.1	14.7	111.4	50.8	1372.0
TOTAL	32.4	32.3	37.4	41.1	130.0	92.1	33.4	34.0	34.3	137.7	118.1	55.8	1004.7





ESTACION AGUAS DEL NORTE  
 ESTACION DE MONITOREO DE LA CANTIDAD DE LAS AGUAS DEL NORTE  
 ESTACION DE MONITOREO DE LA CANTIDAD DE LAS AGUAS DEL NORTE

ESTACION AGUAS DEL NORTE  
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AÑO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC	TOTAL
1968	42.6	23.8	35.8	0.5	136.4	242.2	83.8	167.4	139.8	82.9	153.2	150.1	1337.0
1969	55.8	33.7	28.8	247.7	232.9	158.2	39.8	47.8	47.8	127.9	221.6	65.3	1439.8
1970	159.1	107.4	88.9	1.6	153.8	184.3	112.8	47.8	341.8	139.7	157.0	7.0	1408.2
1971	12.9	19.1	49.7	135.5	187.5	48.1	178.7	85.3	192.4	172.8	72.2	9.0	1181.0
1972	49.4	69.0	44.9	81.1	154.4	152.7	44.9	117.5	146.5	232.2	21.8	37.0	1134.9
1973	13.4	47.8	1.5	11.8	77.6	222.1	199.8	113.8	79.1	248.1	28.0	48.7	1118.7
1974	5.0	119.1	37.4	58.7	161.5	158.8	76.7	108.6	?	192.8	102.5	58.1	?
1975	0.0?	0.0	37.7	0.0?	55.4	44.8	58.5	54.7	159.1	85.8	136.2	60.2	579.8
1976	0.0?	11.2	0.0?	134.0	56.0	184.4	82.7	103.6	104.7	21.8	35.2	48.0	608.1
1977				143.2	201.3	93.1	55.0	43.1	118.0	77.8	146.9		84.8
1978	0.0												
PPOM	30.6	47.3	32.2	60.3	143.9	153.7	74.2	90.0	157.0	154.3	117.4	53.3	1135.9

(T. 21) 1978

ESTACION DE OBSERVACIONES METEOROLOGICAS  
 ESTACION METEOROLOGICA DE LA CIUDAD DE GUAYMA  
 - 1950 - 1978 -

ESTACION METEOROLOGICA DE LA CIUDAD DE GUAYMA  
 - 1950 - 1978 -

PRECIPITACIONES MENSALES (mm)

CIUDAD DE GUAYMA, GUAYMA, GUAYMAS DEL NORTE (ESTACION METEOROLOGICA)  
 TIPO DE CLIMA: LATITUD: 19 38' 37" N LONGITUD: 71 02' 5" W ELEVACION: 61

AÑO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
1958		27.5	7.2	4.3	55.6	133.7	24.7	39.2	46.5	57.4	107.5	154.3	
1965	16.3	35.9	5.0	122.0	209.2	127.5	27.5	5.5	25.2	104.3	175.3	51.6	715.1
1970	70.5	55.5	55.1	3.0	73.5	35.5	32.1	15.5	136.4	112.5	31.0	21.2	655.1
1971	5.0	55.1	10.0	95.0	225.2	17.7	9.0	21.6	133.4	52.1	13.5	13.5	623.4
1972	5.9	113.1	55.5	23.5	49.5	33.2	43.5	24.5	32.4	143.7	11.5	33.1	624.9
1973	11.1	65.5	3.4	40.4	105.4	155.4	45.5	7.1	77.5	39.5	35.0	104.4	782.5
1974	33.4	41.1	21.3	75.2	65.6	63.2	5.4	137.5	37.1	124.5	49.7	15.5	752.7
1975	0.5	0.0	2.7	3.0	30.5	73.5	27.2	5.2	41.9	7.0	111.5	115.9	314.4
1976	12.7	23.0	0.5	22.7	19.4	5.1	11.4	66.5	12.5	70.5	24.4	4.5	321.2
1977	10.7	5.7	1.5	66.2	152.5	0.0	31.2	29.5	37.5	127.5	15.5	41.5	612.5
1978	6.7	54.7	112.6	103.1	154.6	41.5	5.7	37.7	32.0	84.5	32.1	17.4	812.5
1979	12.5	12.5	137.5	123.5	173.5	64.1	33.4	31.9	37.3	134.5	39.9	28.3	1035.2
1980	27.5	25.5	50.0	142.5	261.1	55.0	3.7	11.3	73.3	35.5	43.5	35.5	1110.5
1981	55.2	7.5	21.3	73.2	115.4	5.3	33.4	23.1	43.7	134.5	34.3	17.1	701.1
1982	10.5	56.1	11.0	51.5	123.5	27.1	15.1	7.0	13.1	33.0	13.1	31.7	434.1
1983	5.4	19.5	37.7	31.2	156.7	133.1	29.7	25.5	21.5	74.0	16.3	1.1	565.3
1984	18.7	62.5	11.5	75.5	87.5	115.5	5.3	32.7	113.2	31.4	35.5	17.0	549.5
1985	0.5	15.0	11.5	1.0	115.2	59.7	25.9	67.2	33.3	43.5	31.1	0.0	374.5
1986	70.5	17.5	43.1	179.4	26.1	7.0	0.5	15.0	10.0	47.5	37.5	1.2	547.0
1987	16.0	42.5	41.5	134.8	31.7	30.9	5.1	15.0	42.0	102.3	131.5	11.2	557.5
1988	57.5	10.7	1.9	101.5	195.5	155.7	15.0	14.0	133.2	1.3	15.1	12.0	711.1
1989													
1990													
TOTAL	24.2	37.7	33.8	70.2	114.4	72.0	33.5	33.9	54.1	51.4	51.2	41.5	631.5

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 1  
 Fecha : 09/25/91  
 Hora : 10:34:55

\* VALORES MENSUALES DEL PARAMETRO: Lluvia Diaria \*  
 \*\*\*\*\*

CODIGO 0406    \* CUENCA YAQUE DEL NORTE       \* ESTACION MAO - VALVERDE  
 TIPO: CL1   \* LATITUD: 19 35 17   \* LONGITUD: 71 3 5   \* ELEVACION: 60

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1989	11.4	92.1	46.7	4.5	52.1	10.4	11.0	11.9	79.7	7.6	13.7	42.8	383.9
1990	44.3	(-)	6.1	126.2	21.2	17.3	13.0	0.9	35.8	170.0	161.4	28.3	616.5
1991	0.0	7.2			93.9	31.7							
PROH	18.6	49.7	26.4	65.3	55.7	19.8	12.0	6.4	57.8	88.8	87.6	31.6	383.9

INSTITUTO NACIONAL DE ESTADÍSTICA Y CENSALIZACIÓN (INDEC)  
 Dep. de Meteorología - Div. Meteorología Superficial  
 BANCO DE DATOS METEOROLÓGICOS

Fol. No: 1  
 Fecha: 27/11/90  
 Hora: 12:54:27

PRECIPITACION MENSUAL (MM)  
 \*\*\*\*\*

CODIGO: 9499 \* CUENCA: YAGUE DEL NORTE \* ESTACION: LA ANTONA  
 TIPO: L01 \* LATITUD: 29 58 0 \* LONGITUD: 71 24 10 \* ELEVACION: 48

AGD	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1967												0.4	
1968	57.9	24.4	7.7	11.3	102.3	122.3	33.0	51.5	154.2	33.3	75.4	91.8	624.6 14
1969	15.1	30.4	48.2	119.3	256.8	257.6	43.9	84.1	45.4	134.2	139.3	44.1	1183.6 17
1970	38.5	71.9	75.8	4.5	37.4	123.3	26.9	49.1	162.3	23.4	115.9	17.7	573.7 15
1971	11.5	33.2	21.3	56.8	118.6	33.9	13.3	56.3	66.9	75.9	59.2	0.9	607.0 4
1972	20.9	17.4	55.7	72.3	84.0	63.2	32.4	39.2	40.4	187.8	1.3	30.7	673.7 9
1973	16.8	36.7	0.3	3.8	48.1	101.4	43.2	58.1	35.3	75.3	1.3	128.3	619.6 5
1974	3.1	52.8	64.9	35.3	101.2	132.8	25.0	73.9	61.4	119.7	114.1	27.9	781.3 13
1975	0.1	0.0	23.2	1.2	37.3	37.6	44.7	32.3	153.1	16.1	44.5	39.8	339.9 2
1976	4.1	3.2	0.0	83.7	73.3	75.3	9.3	42.3	27.3	45.9	9.8	29.1	429.0 1
1977	39.3	15.3	3.0	46.4	139.3	1.3	1.3	49.3	132.6	45.2	21.3	57.9	613.0 5
1978	17.4	36.1	28.2	136.2	43.4	136.3	2.4	20.8	41.2	49.1	17.0	11.1	645.3 7
1979	7.3	43.1	101.1	39.7	92.9	133.0	67.3	79.4	173.6	33.2	39.1	11.7	690.3 16
1980	36.1	19.9	16.2	139.1	171.0	120.7	133.3	44.6	149.4	134.0	13.2	92.7	1097.4 18
1981	43.2	11.2	26.7	68.2	194.7	114.9	163.1	66.9	37.2	131.2	68.4	91.3	1021.1 17
1982	19.6	1.2	8.3	31.3	204.4	39.4	30.3	27.9	24.7	43.7	30.4	17.7	343.3 3
1983	23.8	31.1	63.3	36.4	131.3	211.4	23.3	67.3	33.2	50.0	0.2	0.2	744.9 12
1984	31.0	49.9	33.0	3.7	131.1	91.9	33.1	53.1	172.1	43.3	26.7	11.2	733.6 11
1985	6.8	23.0	46.1	34.3	75.7	74.1	134.3	33.7	53.3	28.4	73.2	1.2	643.3 8
1986	70.1	14.7	71.4	59.2	214.6	14.3	0.7	23.2	35.4	107.3	23.1	3.4	333.2 6
1987	6.6	13.1	71.6	233.3	112.3	163.2	33.2	29.1	72.4	22.7		91.2	—
1988	64.3	0.9	0.0	34.3	113.7	213.1	48.6	20.4	127.9	40.3	1.3	3.3	693.9 10
PROM	30.2	23.4	40.5	63.1	120.7	112.3	46.4	54.3	66.3	75.3	31.1	33.2	740.3

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 1  
 Fecha : 18/09/91  
 Hora : 08:13:33

! LLUVIA DIARIA (MM) ! AÑO 1985 !  
 !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

CODIGO: 0405    ! CUENCA: YAQUE DEL NORTE    ! ESTACION: GUINIGUA  
 TIPO: LDI    ! LATITUD: 19 31 35    ! LONGITUD: 78 46 25    ! ELEVACION: 138

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.4	0.0	0.0	0.0	69.1	0.0	0.0	0.0	0.0	2.6	2.0	0.0
2	10.9	0.0	0.0	0.0	1.1	14.3	0.0	0.0	0.0	11.6	0.0	0.0
3	0.0	0.0	0.0	2.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.6	1.3	0.7	0.0	0.9	0.0	0.0	0.0	1.2	0.0	2.6
5	0.0	0.0	0.5	0.0	0.0	5.2	0.0	0.0	0.0	10.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.2	0.0	4.9	0.0	0.0
7	0.0	0.0	20.0	0.0	0.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	15.9	0.0	0.0	0.0	0.0	7.4	1.5	0.0	0.0	0.0
9	0.0	0.0	0.0	3.6	0.0	0.0	23.5	1.9	0.0	0.0	0.0	0.2
10	0.0	0.0	0.0	0.0	0.0	3.2	0.0	3.6	0.0	0.0	0.3	13.1
11	12.2	0.0	0.0	1.5	0.0	0.0	0.3	0.0	0.0	0.0	2.7	3.0
12	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	2.7	0.0	12.6	2.0
13	0.0	1.2	0.0	0.0	0.0	0.0	0.0	3.6	1.0	0.0	1.3	0.0
14	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.4	0.0	7.9	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0
16	0.0	1.5	0.0	0.0	3.7	0.0	0.0	0.0	0.6	0.0	69.9	0.0
17	0.0	3.6	0.0	0.0	48.0	0.0	0.0	0.0	2.2	2.0	183.6	0.0
18	0.0	0.0	13.2	0.0	3.7	0.0	0.0	0.0	17.4	5.9	3.7	0.0
19	0.0	3.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.7	37.7	0.0	2.3	0.7	0.0	4.1	0.0	2.3	0.0
21	2.5	0.0	0.0	10.7	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
22	2.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
23	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	4.2	3.0	0.0	0.0
24	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.6	0.0	0.0
25	0.0	3.5	0.0	4.0	0.0	0.0	1.2	0.0	0.0	0.2	0.0	0.0
26	0.0	0.0	17.0	0.0	0.0	0.0	0.0	32.6	0.0	3.0	0.0	1.0
27	0.0	1.5	0.0	0.0	0.0	0.0	0.0	42.9	0.0	0.0	0.0	0.0
28	0.0	1.0	0.0	0.0	0.0	0.0	1.1	0.5	1.6	30.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.5	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	2.9	2.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0
TOTAL	20.0	28.8	72.0	61.0	135.5	30.9	27.3	98.7	40.4	134.4	290.5	22.7
PMAX	12.2	9.6	20.0	37.7	69.1	14.3	23.5	42.9	17.4	30.5	183.6	13.1
NDIAS	5	11	8	0	0	0	6	10	12	16	13	7

! TOTAL ANUAL 987.0    ! MAXIMO DIARIO 183.6    ! NUM. DE DIAS/ANO 112    MOD. JMLL-26.12.83

3 9 3 4 3 3 5 4 5 9 8 6 53  
 0 4 1 2 3 0 0 4 3 2 2 24  
 2 6 4 0 0 1 1 0 3 1 1 15  
 3 1 1 1 2 0 0 2 2 2 2 12

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 2  
 Fecha : 18/07/91  
 Hora : 08:14:38

\* LLOVIA DIARIA (MM) \* AÑO 1986 \*  
 \*\*\*\*\*

CODIGO: 0405 \* CUENCA: YAGUE DEL NORTE \* ESTACION: QUINIGUA  
 TIPO: LDI \* LATITUD: 19 31 35 \* LONGITUD: 70 46 25 \* ELEVACION: 130

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	6.5	2.5	9.2	0.0	0.0	0.0	0.0	0.0	2.6	29.4	0.0
2	0.0	0.0	1.0	16.3	0.0	0.0	0.0	0.0	10.4	2.0	0.0	3.6
3	0.0	0.0	4.3	0.6	1.2	3.8	0.0	0.0	0.0	0.0	0.0	0.4
4	2.0	2.9	0.0	0.0	41.5	0.0	0.0	0.0	0.0	0.0	1.0	0.0
5	0.0	0.0	0.0	2.0	14.2	0.0	0.0	0.0	0.0	0.0	-2.0	0.0
6	0.0	0.0	26.1	1.0	0.0	0.0	1.9	0.0	0.0	0.0	29.7	0.0
7	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2.1	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	20.7	0.0
9	0.0	0.0	0.0	9.6	0.0	0.0	0.0	1.2	0.0	0.0	12.5	2.9
10	0.0	0.0	1.4	2.7	20.2	0.0	0.0	0.0	0.0	0.0	5.7	0.5
11	0.0	0.0	0.0	40.5	0.0	0.0	0.0	2.5	0.0	0.0	7.5	0.0
12	0.0	0.0	0.0	31.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.6
13	0.0	0.0	0.0	3.8	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.2	0.0	0.0	32.2	2.0	0.0	0.0	4.7	0.3	0.0	14.3	2.7
15	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.0	0.6	0.0	32.6	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.0
17	0.4	0.0	0.0	0.3	0.0	0.0	19.0	0.0	0.0	1.5	0.0	0.0
18	3.4	0.0	0.0	0.7	2.9	0.0	0.0	0.0	0.0	3.9	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	26.9	0.0	0.0
21	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0
22	0.0	0.0	0.0	13.9	1.2	0.0	0.0	0.0	0.4	16.0	0.0	0.0
23	0.0	0.0	0.0	16.0	3.9	0.0	0.0	0.0	4.7	0.4	5.6	0.0
24	0.0	0.0	3.6	9.0	0.0	0.0	0.0	0.0	5.2	0.0	2.0	0.0
25	0.0	12.4	6.6	4.6	59.0	0.0	0.0	0.9	3.7	0.0	1.3	0.0
26	0.0	10.0	0.0	1.5	0.0	0.0	0.0	0.0	16.0	0.0	15.0	0.0
27	17.1	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	24.7	0.0	23.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
29	4.3		41.3	0.5	0.0	0.0	0.0	33.1	0.0	0.3	0.0	0.0
30	0.0		1.1	0.0	0.0	0.0	0.6	0.0	0.0	0.5	6.4	0.0
31	0.7		15.8		0.0		0.0	0.0		0.0		0.0
TOTAL	59.6	31.0	127.2	202.6	157.0	3.0	23.3	51.6	41.5	64.4	207.1	11.7
PMAX	24.7	12.4	41.3	40.5	59.0	3.0	19.0	33.1	16.0	26.9	32.6	3.6
NDIAS	10	4	11	21	13	1	4	8	9	11	20	6

\* TOTAL ANUAL 981.6 \* MAXIMO DIARIO 59.0 \* NUM. DE DIAS/AÑO 118

MOD. JMLL-26.12.83

5 1 4 9 7 0 3 5 0 1 7 2 5 55  
 3 1 3 6 2 1 0 2 3 2 5 3 29  
 2 2 2 3 2 0 1 0 2 1 3 13  
 0 0 2 3 2 0 0 1 0 1 0 13

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 3  
 Fecha : 18/09/91  
 Hora : 08:15:43

\* LLUVIA DIARIA (MM) \* AÑO 1987 \*  
 \*\*\*\*\*

CODIGO: 0405 \* CUENCA: YAQUE DEL NORTE \* ESTACION: QUINIGUA  
 TIPO: L01 \* LATITUD: 19 31 35 \* LONGITUD: 70 46 25 \* ELEVACION: 138

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.0	0.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
3	0.0	0.0	0.0	41.2	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	3.7	6.9	0.0	6.4	0.0	0.8	0.0	0.0	0.0
5	2.7	0.0	0.0	0.0	42.6	0.0	0.0	2.5	35.8	0.9	0.0	1.2
6	2.6	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	14.6	21.4	15.8
7	0.0	0.0	0.0	0.0	24.5	0.0	2.5	0.0	0.0	0.0	30.3	1.3
8	0.0	1.9	0.0	0.0	0.5	1.8	0.6	0.0	0.0	0.0	0.0	4.4
9	0.0	0.0	0.0	0.0	2.9	4.4	0.0	1.0	0.0	0.0	0.0	0.0
10	0.0	0.3	1.2	0.0	0.0	51.3	0.0	0.0	0.0	0.0	0.0	0.4
11	0.0	0.0	0.6	0.0	2.5	22.7	0.0	0.0	0.0	0.0	0.0	43.7
12	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.0	0.0
13	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	33.9	0.3	0.0
14	38.8	0.0	2.6	0.0	12.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	4.1	0.3	0.0	0.0	0.0	7.0	2.6	0.0	0.0	0.0	0.0
16	0.3	0.0	0.0	4.2	0.0	0.0	0.0	0.9	0.0	0.0	51.4	0.0
17	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	79.0	12.4	0.4
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5	2.3	0.0
19	0.0	0.0	0.0	11.5	0.0	0.0	3.1	0.0	0.0	9.5	0.0	0.1
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.7	0.0	0.0
21	0.0	0.0	0.0	9.8	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0
22	0.0	0.0	4.6	20.7	29.0	0.0	0.0	0.0	58.7	0.0	0.0	0.0
23	6.5	0.0	2.9	3.9	3.5	0.0	0.0	0.0	0.1	4.5	100.3	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.5
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	7.2	3.2
26	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	33.9	0.0	3.1
27	1.5	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0
28	1.0	0.0	0.0	1.9	24.3	0.0	54.5	0.0	0.0	0.0	16.3	0.0
29	0.0	0.0	0.0	1.0	6.0	0.0	0.0	0.0	0.0	7.4	0.0	5.3
30	0.0	0.0	0.0	0.5	6.7	13.2	0.0	0.0	0.0	0.0	0.0	37.5
31	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.4
TOTAL	60.8	7.1	12.2	107.4	100.4	96.6	77.3	0.6	104.4	253.1	246.5	119.6
PMAX	38.8	4.1	4.6	41.2	42.6	51.3	54.5	2.6	58.7	79.0	100.3	43.7
NDIAS	0	4	6	13	16	7	0	5	5	12	12	16

\* TOTAL ANUAL 1282.0 \* MAXIMO DIARIO 100.3 \* NUM. DE DIAS/AÑO 112 MOD. JMLL-26.12.83

53 5 5 0 3 4 5 2 5 9  
 2 1 1 5 5 1 2 0 1 3 4  
 0 0 0 2 5 2 5 0 3 1  
 1 0 2 2 1 1 0 3 0

70

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 4  
 Fecha : 18/07/91  
 Hora : 08:16:48

¡ LLUVIA DIARIA (MM) ¡ AÑO 1988 ¡  
 ¡!!

CODIGO: 0405      ¡ CUENCA: YAQUE DEL NORTE      ¡ ESTACION: QUINIGUA  
 TIPO: L01    ¡ LATITUD: 19 31 35    ¡ LONGITUD: 70 46 25    ¡ ELEVACION: 138

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	4.5	2.6	0.5	0.0	0.0	0.0	29.6	0.0	0.0	0.4	0.0	0.0
2	1.2	0.0	0.0	0.0	0.0	9.9	87.7	0.0	0.0	0.0	71.2	0.0
3	0.7	0.0	0.0	0.0	1.2	23.6	0.0	0.0	0.0	0.0	0.0	0.0
4	0.3	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.5	21.4	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	21.8	0.0	0.0	3.1	0.0	0.0	0.0	5.3
7	0.0	0.0	0.0	25.3	17.5	0.0	0.0	13.5	0.0	0.0	0.0	0.4
8	0.0	0.0	0.0	2.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4
9	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	12.3	0.0	0.0	0.0
10	2.4	0.0	0.0	0.0	0.0	0.0	52.4	0.0	66.4	2.9	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	17.5	0.0	67.6	0.0	0.0	0.0
12	0.0	0.0	0.0	9.7	0.0	0.0	1.4	0.0	1.2	0.0	0.0	0.0
13	0.0	0.7	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	1.8	0.0	0.2	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0
15	21.1	0.0	0.0	0.0	0.0	47.3	0.0	0.0	0.0	0.0	24.0	0.0
16	0.0	0.0	0.0	4.4	0.0	14.2	0.0	0.0	0.4	0.0	3.2	0.0
17	0.0	0.0	0.0	3.5	0.0	0.0	0.0	39.5	0.0	0.0	23.3	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	4.0	0.5	5.3
19	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	21.5	1.2	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	1.6	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.4	0.0	0.0	0.9
22	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	4.9	0.0	3.6	0.0
23	0.0	0.0	0.0	0.0	0.0	99.4	0.0	0.0	9.9	0.0	0.0	10.8
24	0.0	0.0	0.9	0.0	0.0	10.5	0.0	13.2	0.0	0.0	0.0	1.3
25	0.0	2.7	5.0	0.0	0.0	0.5	0.0	4.6	0.0	2.1	0.6	0.0
26	0.0	2.5	0.5	0.0	0.0	29.4	0.0	0.0	0.0	4.1	2.0	2.3
27	0.0	0.0	0.2	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.0	11.9
28	46.2	0.0	9.1	2.0	0.0	3.5	6.7	0.0	28.0	0.0	0.0	5.3
29	104.1	0.0	2.3	35.0	0.0	3.0	2.2	0.0	0.0	0.0	0.2	3.2
30	47.1	0.0	0.5	0.0	4.4	0.0	2.2	0.0	13.0	0.0	0.4	3.5
31	2.1	0.0	0.0	0.0	0.0	0.0	0.2	4.4	0.0	0.0	0.0	0.0
TOTAL	229.7	11.1	19.0	120.1	47.7	214.3	235.0	85.2	233.6	14.7	131.4	50.6
PMAX	104.1	2.7	9.1	35.0	21.0	99.4	87.7	39.5	67.6	4.1	71.2	11.9
NDIAS	10	6	8	10	6	12	14	7	12	6	11	12

¡ TOTAL ANUAL 1392.4    ¡ MAXIMO DIARIO 104.1    ¡ NUM. DE DIAS/AÑO 114    MOD. JMLL-26.12.83

*Handwritten summary of daily rainfall events:*  
 5 6 6 4 2 2 7 0 4 3 6 5      52  
 1 0 2 3 1 3 2 4 2 2 7 5      28  
 1 0 0 0 2 4 2 2 3 0 2 3      13  
 3 0 0 3 0 2 3 1 3 0 1 0      12  
 -----  
 11



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 1  
 Fecha : 29/09/91  
 Hora : 11:08:25

\* LLUVIA DIARIA (MM) \* AÑO 1985 \*  
 \*\*\*\*\*

CODIGO: 0102 \* CUENCA: MASACRE \* ESTACION: DON MIGUEL  
 TIPO: L01 \* LATITUD: 17 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
2	0.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	1.2	0.0	0.0
3	0.0	0.0	0.0	52.5	1.2	0.0	0.0	2.2	10.1	0.0	0.0	0.0
4	0.0	0.0	0.0	0.9	0.0	0.0	65.7	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	90.2	39.4	0.0	0.0	0.0	0.0	1.6	0.0
6	0.0	0.0	0.0	0.0	3.3	32.7	0.0	0.0	0.0	0.0	17.5	0.0
7	0.0	0.0	0.0	0.0	11.1	20.6	0.0	0.0	1.4	14.2	7.2	0.0
8	0.0	0.0	0.0	0.0	62.0	0.0	20.6	7.0	0.0	37.1	0.4	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	0.0	0.0	0.0
10	0.0	0.0	0.0	0.5	0.0	24.8	27.6	11.1	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	27.6	14.2	15.5	2.5	0.0	1.2
12	0.0	0.0	2.4	0.0	3.9	1.1	3.1	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	11.6	0.0	7.1	0.0	2.0	0.0	0.0	0.0
14	0.0	37.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	6.7	0.0	0.0	25.4	0.0	0.0	4.7	3.0	0.0	1.7	0.0
16	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	7.4	0.0	6.1	0.0
17	0.0	2.9	0.0	0.0	0.0	5.2	2.6	0.0	2.3	0.0	92.7	0.0
18	0.0	2.0	43.6	3.2	0.0	1.4	1.0	0.0	1.6	1.2	3.0	0.0
19	0.0	0.0	21.3	0.0	14.5	0.0	0.0	0.0	4.4	0.0	0.0	0.0
20	0.0	3.3	0.0	0.0	0.0	0.5	1.9	0.0	30.0	35.0	0.0	0.0
21	5.4	0.0	0.0	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0
22	2.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	25.5	0.0	0.0	0.0
24	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	25.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	20.4	0.0	0.0	0.0	0.0	0.0	11.0	1.7	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	20.0	25.3	12.3	21.5	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	3.0	12.7	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	1.0	0.0	0.0
30	0.0	0.0	5.5	0.0	0.0	0.0	13.1	9.0	25.7	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	1.2	0.0	7.1	0.0	0.0	0.0	0.0	0.0
TOTAL	16.2	55.2	93.2	59.1	254.1	149.9	221.1	110.0	195.9	117.5	127.2	1.2
PMAX	0.0	37.5	43.6	52.5	90.2	39.4	65.7	25.0	30.0	37.1	92.7	1.2
NDIAS	3	5	5	5	12	11	14	10	17	10	7	1

\* TOTAL ANUAL 1401.4 \* MAXIMO DIARIO 92.7 \* NUM. DE DIAS/AGO 101

MOD. JMLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 2  
 Fecha : 29/03/91  
 Hora : 11:09:38

\* LLUVIA DIARIA (MM) \* AÑO 1986 \*  
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CODIGO: 0102 \* CUENCA: MASACRE \* ESTACION: DON MIGUEL  
 TIPO: LD1 \* LATITUD: 19 38 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	2.8	37.2	0.0	4.0	0.0	0.0	0.0	0.0	0.9	0.0
2	0.0	0.0	50.2	11.5	0.0	0.0	0.0	5.2	19.3	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	10.3	0.0	6.9	0.0	0.0	1.4	0.0	0.0
4	0.0	0.0	3.5	0.0	25.7	12.7	0.0	0.0	0.0	2.1	3.0	0.0
5	0.0	0.0	0.0	0.0	61.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	2.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	2.7	14.0	2.4	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	11.2	0.3	23.2	0.0	15.7	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	12.5	2.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	37.3	0.0	0.0	0.0	0.0	26.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	2.0	0.0	0.0
12	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	5.6	0.0	0.0
13	0.0	0.0	0.0	19.5	1.4	3.4	0.0	0.0	9.4	0.0	0.0	0.0
14	39.6	0.0	0.0	0.0	3.1	0.0	0.0	0.0	10.7	7.2	0.0	0.0
15	0.0	0.0	0.0	0.0	24.0	4.8	0.0	10.3	0.0	42.4	0.0	0.0
16	0.0	0.0	0.0	0.0	96.5	0.0	5.5	5.1	0.0	0.7	0.0	0.0
17	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	25.0	3.4	0.0
18	0.0	0.0	0.0	0.0	8.6	0.0	54.6	4.5	0.0	2.0	0.0	0.0
19	0.0	0.0	0.0	0.0	47.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	33.2	6.0	2.0	0.0	0.0	0.0	32.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	54.6	0.0	0.0
22	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	21.5	0.0	0.0
23	0.0	0.0	0.0	1.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	1.4	0.0	22.4	3.1	0.0	0.0	0.0
25	0.0	0.2	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0
26	1.5	2.2	0.0	1.5	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
27	15.5	11.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	6.5	0.0	0.0	0.0	6.1	0.0	0.0	0.0	40.0	0.0	0.0	0.0
29	0.0		60.4	0.0	50.5	0.0	0.0	0.0	0.0	5.0	0.0	0.0
30	0.0		47.0	0.0	7.0	0.0	3.0	1.3	0.0	60.2	0.0	0.0
31	0.0		0.0		42.2		12.0	1.0		0.0		0.0
TOTAL	63.1	21.0	173.9	89.1	490.2	63.2	104.9	80.4	90.5	279.4	44.3	0.0
PMAX	39.6	11.4	60.4	37.2	96.5	12.7	54.6	23.2	40.0	60.2	32.0	0.0
NDIAS	4	3	6	0	20	10	11	12	5	16	4	0

\* TOTAL ANUAL 1500.8 \* MAXIMO DIARIO 96.5 \* NUM. DE DIAS/AÑO 99 MOD. JMLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 3  
 Fecha : 29/08/91  
 Hora : 11:08:52

\* LLUVIA DIARIA (MM) \* AÑO 1987 \*  
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CODIGO: 0102    \* CUENCA: MASACRE                      \* ESTACION: DON MIGUEL  
 TIPO: L01 \* LATITUD: 19 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.0	29.2	0.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	7.5	7.0	0.0	0.0	0.0	0.0	16.6	0.0	0.0
3	0.0	0.0	0.0	41.1	0.0	23.5	0.0	14.0	0.0	0.0	0.0	12.3
4	0.0	0.0	0.0	0.0	35.5	3.6	0.0	0.0	30.0	26.3	0.0	3.2
5	0.0	0.0	0.0	0.0	4.6	0.0	3.5	0.0	0.0	0.0	6.7	13.9
6	2.0	0.0	2.5	0.0	1.7	0.0	0.0	0.0	0.0	7.0	17.5	0.3
7	0.0	0.0	0.0	0.0	30.0	26.0	0.0	0.0	17.0	4.0	56.7	33.4
8	0.0	28.5	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	5.0
9	0.0	3.7	1.4	2.0	0.0	8.7	0.0	2.0	55.1	0.0	0.0	0.0
10	0.0	0.0	18.0	0.0	0.0	5.0	3.5	2.0	0.0	13.4	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	
12	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	34.4	0.0	
13	0.0	0.0	0.0	2.0	12.0	1.8	0.0	0.0	24.1	12.0	0.0	
14	0.0	0.0	12.8	4.4	0.0	0.0	0.0	0.0	21.0	16.4	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	3.3	0.0	
16	0.0	0.0	0.0	5.0	0.0	14.0	0.0	22.2	0.0	2.0	0.0	
17	0.0	0.0	25.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	1.0	0.7	12.4	5.2	12.4	10.0	0.0	20.0	0.0	
20	0.0	0.0	0.5	0.0	0.0	16.5	0.0	36.0	14.5	3.7	0.0	
21	0.0	0.0	0.0	0.0	9.0	4.5	0.0	0.0	7.5	1.4	0.0	
22	0.0	0.0	0.0	9.4	0.0	0.0	25.5	0.0	7.5	0.0	0.0	
23	0.0	0.0	1.1	16.7	0.0	29.6	0.0	10.0	43.0	19.3	2.4	
24	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.9	0.0	0.2	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	4.0	0.0	
27	19.0	0.0	0.0	0.0	0.0	7.3	15.7	0.0	0.0	0.5	2.2	
28	5.6	0.0	0.0	146.0	2.0	0.0	15.9	0.0	0.0	5.5	0.0	
29	0.0		0.0	10.2	10.2	0.0	0.0	2.4	0.0	1.3	0.0	
30	0.0		0.0	17.1	18.2	21.5	0.0	8.7	0.0	13.7	0.0	
31	0.0		0.0		9.5		0.0	0.0		0.0		
TOTAL	20.2	33.5	62.5	296.7	160.1	131.9	77.5	105.3	244.2	231.8	89.7	
PMAX	19.0	28.5	25.2	146.0	35.5	29.6	25.5	36.0	55.1	34.4	56.7	33.4
NDIAS	3	3	8	15	12	15	6	8	14	20	7	

\* TOTAL ANUAL 1511.4 \* MAXIMO DIARIO 146.0 \* NUM. DE DIAS/AÑO 111

MOD. JMLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 4  
 Fecha : 29/08/91  
 Hora : 11:09:36

\* LLUVIA DIARIA (MM) \* AÑO 1988 \*  
 \*\*\*\*\*

CODIGO: 0102 \* CUENCA: MASACRE \* ESTACION: DON NIGUEL  
 TIPO: LDI \* LATITUD: 19 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.0	0.0	0.0	0.0	45.7	0.0	10.0	2.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	14.0	21.2	0.0	41.1	0.0	4.0	0.0
3	0.0	0.0	43.8	0.0	55.2	41.2	0.0	0.0	0.0	3.7	0.0	0.0
4	0.0	0.0	0.0	0.0	10.5	6.5	11.2	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	7.9	1.4	3.9	0.0	0.0	0.0	0.0	5.5
6	0.0	0.0	0.0	0.0	6.7	0.0	26.5	0.0	0.0	0.0	0.0	0.6
7	0.0	0.0	0.0	0.0	12.0	0.0	22.1	0.0	0.0	0.0	0.0	0.4
8	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	6.6	33.3	17.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	20.4	0.0	0.0	0.0	5.0	2.0	6.4	0.0
13	0.0	0.0	0.0	0.0	0.0	64.5	4.5	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	7.7	0.0
15	17.2	0.0	2.6	0.0	0.0	0.0	29.9	8.3	0.1	9.5	0.0	0.0
16	1.2	0.0	25.2	0.0	0.6	5.3	0.0	0.0	0.0	0.5	0.0	0.0
17	0.0	0.0	0.0	2.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	1.5	40.4	6.0	145.5	0.0	3.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	47.0	42.6	0.0	0.0	23.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	1.5	4.4	2.3	0.0	7.0	6.0	0.0	0.0
24	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	13.0	0.0	0.0	0.0
25	0.0	10.0	0.0	0.0	0.0	29.7	0.0	0.0	12.4	0.0	0.0	3.0
26	0.0	0.5	0.0	0.0	0.0	22.4	0.0	10.0	0.0	1.4	0.0	0.0
27	0.0	0.0	11.7	0.0	26.2	62.6	0.0	0.0	0.0	32.4	0.0	0.3
28	5.4	0.0	2.0	0.0	1.4	0.0	2.6	46.0	13.6	1.5	0.0	0.0
29	14.0	0.0	0.0	5.4	0.0	15.4	15.6	10.2	75.6	0.0	0.0	0.0
30	9.9	0.0	0.0	9.7	0.0	1.5	5.5	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	47.7	19.3	85.3	17.1	210.1	323.9	199.1	156.2	234.9	221.3	19.6	21.6
PMAX	17.2	10.0	43.8	9.7	55.2	64.5	45.7	46.0	75.6	145.5	7.7	0.4
NDIAS	5	2	5	3	14	15	14	6	13	13	4	6

\* TOTAL ANUAL 1556.1 \* MAXIMO DIARIO 145.5 \* NUM. DE DIAS/AGO 100

MOD. JMLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 1  
 Fecha : 29/08/91  
 Hora : 11:05:56

\* LLUVIA DIARIA (MM) \* AÑO 1985 \*  
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CODIGO: 0408 \* CUENCA: YAQUE DEL NORTE \* ESTACION: LA ANTONA  
 TIPO: L01 \* LATITUD: 19 38 N \* LONGITUD: 71 24 W \* ELEVACION: 48

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	0.0	3.5	0.0	0.0
3	0.0	0.0	0.0	22.0	33.5	0.0	0.0	5.6	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	1.6	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	12.0	0.0
7	0.0	0.0	3.2	0.0	0.0	44.6	0.0	0.0	0.0	9.9	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	5.4	0.0	1.0	0.0	3.6	0.0	0.0
9	0.0	0.0	0.0	12.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
11	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.7	0.0
13	0.0	34.3	0.0	0.0	24.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0
14	0.0	1.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	1.6	0.0
15	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
16	0.0	1.5	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	55.9	0.0	3.1	0.0	60.0	0.0
18	0.0	0.0	13.0	0.0	0.0	0.0	0.6	0.0	0.0	4.3	0.0	0.0
19	0.0	0.0	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.1	0.0	0.0	0.0
21	4.9	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0
22	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0
26	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.6	11.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	5.0	0.0	0.0	48.5	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	27.9	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.9	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	4.1	0.0	0.0	2.3	0.0	0.0	0.0	0.0
TOTAL	6.8	38.0	46.1	36.5	95.7	70.1	104.3	93.7	53.3	28.4	95.2	1.2
PMAX	4.9	34.3	24.4	22.0	33.5	44.6	55.9	48.5	26.9	9.9	60.0	1.2
NDIAS	3	5	4	5	11	4	7	0	0	5	7	1

\* TOTAL ANUAL 669.3 \* MAXIMO DIARIO 60.0 \* NUM. DE DIAS/AÑO 68 MOD. JMML-26.12.83

92-1 1376  
 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1  
 1 1 2 3 5 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3  
 0 2 2 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1  
 2 2 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 2  
 Fecha : 29/08/91  
 Hora : 11:06:10

\* LLUVIA DIARIA (MM) \* AÑO 1986 \*  
 \*\*\*\*\*

CODIGO: 0408 \* CUENCA: YAQUE DEL NORTE \* ESTACION: LA ANTONA  
 TIPO: LD1 \* LATITUD: 19 38 0 \* LONGITUD: 71 24 10 \* ELEVACION: 48

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	1.5	9.9	2.1	0.0	0.1	0.0	0.0	0.0	0.0	9.7	0.0
2	0.0	0.0	17.5	2.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0
3	0.0	0.0	0.3	0.0	0.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	70.9	0.0	0.0	0.0	0.0	0.0	10.9	0.0
7	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.2	0.0
9	0.0	0.0	0.0	1.4	0.0	7.5	0.0	0.0	0.0	0.0	3.2	0.0
10	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	3.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
13	1.7	0.0	0.0	3.7	12.3	0.3	0.0	0.0	14.0	0.0	0.0	0.0
14	45.3	0.0	0.0	0.0	25.5	0.0	0.0	0.0	2.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	2.5	0.0	0.0	1.6	0.0	0.3	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.1	0.0	0.0
19	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	20.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	0.0	0.0
21	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.3	0.0	47.7	0.0	0.0
23	0.0	0.0	0.0	0.3	1.5	0.0	0.0	0.2	0.0	0.0	0.2	0.0
24	0.0	0.0	0.0	0.5	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	5.0	0.0	6.6	5.2	0.0	0.0	7.9	0.0	0.0	0.0	0.0
26	0.0	7.4	0.0	0.5	0.1	0.0	0.0	1.5	0.0	0.0	2.4	0.0
27	11.3	0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
28	6.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0
29	2.0		37.7	0.0	34.7	0.0	0.0	3.1	0.0	0.0	0.0	0.0
30	0.0		0.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
31	0.0		0.3		0.0	0.0	0.0	0.0		0.0		0.0
TOTAL	70.1	14.7	74.4	50.2	216.4	14.5	0.7	26.2	35.4	107.8	28.4	0.4
PMAX	45.3	7.4	37.7	14.1	70.9	7.5	0.7	7.9	15.1	47.7	10.9	0.4
NDIAS	6	3	6	13	17	4	1	9	4	7	7	1

\* TOTAL ANUAL 639.2 \* MAXIMO DIARIO 70.9 \* NUM. DE DIAS/AÑO 78

MOD. JHLL-26.12.83



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Paq. No: 4  
 Fecha : 29/09/91  
 Hora : 11:06:38

\* LLUVIA DIARIA (MM) \* AÑO 1988 \*  
 \*XXXXXXXXXXXXXXXXXXXXXXXXXXXX\*

CODIGO: 0488 \* CUENCA: YAQUE DEL NORTE \* ESTACION: LA ANTONA  
 TIPO: L01 \* LATITUD: 19 38 0 \* LONGITUD: 71 24 18 \* ELEVACION: 48

DIA	ENE	FER	MAR	ARR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.9	0.0	0.0	0.0	0.4	6.5	0.0	0.0	0.4	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	22.0	1.0	0.0	0.0	0.0	4.5	0.0
3	0.0	0.0	0.0	0.0	15.2	23.5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	16.7	1.0	3.3	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	5.6	0.4	0.5	0.0	0.0	0.0	0.0	1.3
6	0.0	0.0	0.0	0.0	13.1	0.0	4.1	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	1.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.4	11.3	32.9	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.7	15.2	13.9	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.3	1.6	0.0	0.0	0.0
13	0.0	0.0	0.0	5.5	0.0	1.3	0.0	0.0	9.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
16	1.9	0.0	0.0	0.1	0.0	3.0	2.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	1.4	1.0	2.4	0.0	1.1	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.0	4.9	2.2	0.0	0.6
19	0.0	0.0	0.0	27.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	30.1	0.0	0.0	0.0	1.1	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	24.4	0.0	0.0	29.6	0.0	0.0	0.3
23	0.0	0.0	0.0	0.0	0.0	13.9	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.1	0.0
25	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.1	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	4.6	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	23.1	0.0	0.0	2.1	0.0	0.0	1.1
28	21.6	0.0	0.0	0.0	0.0	2.2	0.4	0.0	0.0	0.0	0.0	0.0
29	37.5	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.4	0.0	0.0
30	16.7	0.0	0.0	0.0	9.3	91.7	4.6	0.1	43.1	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	84.5	0.9	0.0	34.3	115.7	215.1	40.6	20.4	127.9	40.5	4.6	3.3
PMAX	37.5	0.9	0.0	27.3	30.1	91.7	19.0	15.2	43.1	32.9	4.5	1.3
NDIAS	5	1	0	4	13	15	13	0	11	5	2	4

\* TOTAL ANUAL 695.8 \* MAXIMO DIARIO 91.7 \* NUM. DE DIAS/AÑO 81 \* MOD. JMML-26.12.83

11 25 57 24 3 14  
 10 13 15 6 2 11  
 20 04 11 3 6 00  
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60  
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80.7     12.75

19





INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Fag. No: 1  
 Fecha : 18/09/91  
 Hora : 08:59:27

\* LLUVIA DIARIA (MM) \* AÑO 1986 \*  
 \*\*\*\*\*

CODIGO: 0102 \* CUENCA: MASACRE \* ESTACION: DON MIGUEL  
 TIPO: LO1 \* LATITUD: 19 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	2.8	37.2	0.0	4.0	0.0	0.0	0.0	0.0	0.9	0.0
2	0.0	0.0	50.2	11.5	0.0	0.0	0.0	5.2	19.3	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	10.3	0.0	6.9	0.0	0.0	1.4	0.0	0.0
4	0.0	0.0	3.5	0.0	25.7	12.7	0.0	0.0	0.0	2.1	0.0	0.0
5	0.0	0.0	0.0	0.0	61.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	2.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	2.7	14.0	2.4	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	11.2	0.3	23.2	0.0	15.7	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	12.5	2.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	37.3	0.0	0.0	0.0	0.0	26.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	2.0	0.0	0.0
12	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	5.6	0.0	0.0
13	0.0	0.0	0.0	19.5	1.4	3.4	0.0	0.0	9.4	0.0	0.0	0.0
14	39.6	0.0	0.0	0.0	3.1	0.0	0.0	0.0	10.7	7.2	0.0	0.0
15	0.0	0.0	0.0	0.0	24.0	4.8	0.0	10.3	0.0	42.4	0.0	0.0
16	0.0	0.0	0.0	0.0	96.5	0.0	5.5	5.1	0.0	0.7	0.0	0.0
17	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	25.0	3.4	0.0
18	0.0	0.0	0.0	0.0	8.6	0.0	54.6	4.5	0.0	2.0	0.0	0.0
19	0.0	0.0	0.0	0.0	47.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	33.2	6.0	2.0	0.0	0.0	0.0	32.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	54.6	0.0	0.0
22	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	21.5	0.0	0.0
23	0.0	0.0	0.0	1.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	1.4	0.0	22.4	3.1	0.0	0.0	0.0
25	0.0	0.2	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0
26	1.5	2.2	0.0	1.5	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
27	15.5	11.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	6.5	0.0	0.0	0.0	6.1	0.0	0.0	0.0	40.0	0.0	0.0	0.0
29	0.0	0.0	68.4	0.0	50.5	0.0	0.0	0.0	0.0	5.0	0.0	0.0
30	0.0	0.0	47.0	0.0	7.0	0.0	3.0	1.3	0.0	60.2	0.0	0.0
31	0.0	0.0	0.0	0.0	42.2	0.0	12.0	1.0	0.0	0.0	0.0	0.0
TOTAL	63.1	21.0	173.9	89.1	490.2	63.2	104.9	80.4	90.5	279.4	44.3	0.0
PNAX	39.6	11.4	68.4	37.2	96.5	12.7	54.6	23.2	40.0	60.2	32.0	0.0
NDIAS	4	3	6	8	20	10	11	12	5	16	4	0

\* TOTAL ANUAL 1500.0 \* MAXIMO DIARIO 96.5 \* NUM. DE DIAS/AÑO 99 MOD. JMLL-26.12.93

12, 1, 2, 3, 258.8 17.24%

11 2 3 33 2 5 5 0 5 1  
 1 1 1 2 4 5 3 3 2 0 2  
 1 1 0 2 3 3 1 2 3 2 0  
 1 0 0 1 8 0 1 1 5 1

155 421 680

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 3  
 Fecha : 18/09/91  
 Hora : 08:10:41

! LLUVIA DIARIA (MM) ! AÑO 1987 !  
 !!!

CODIGO: 8182    ! CUENCA: MASACRE    ! ESTACION: DON MIGUEL  
 TIPO: LD1    ! LATITUD: 19 38 18    ! LONGITUD: 71 40 48    ! ELEVACION: 45

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.0	29.2	0.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	7.5	7.0	0.0	0.0	0.0	0.0	16.6	0.0	0.0
3	0.0	0.0	0.0	41.1	0.0	23.5	0.0	14.0	0.0	0.0	0.0	12.3
4	0.0	0.0	0.0	0.0	35.5	3.6	0.0	0.0	38.0	26.3	0.0	3.2
5	0.0	0.0	0.0	0.0	4.6	0.0	3.5	0.0	0.0	0.0	6.7	13.9
6	2.0	0.0	2.5	0.0	1.7	0.0	0.0	0.0	0.0	7.0	17.5	0.3
7	0.0	0.0	0.0	0.0	30.0	26.0	0.0	0.0	17.0	4.0	56.7	33.4
8	0.0	28.5	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	5.0
9	0.0	3.7	1.4	2.0	0.0	8.7	0.0	2.0	55.1	0.0	0.0	0.0
10	0.0	0.0	18.0	0.0	0.0	5.0	3.5	0.0	0.0	13.4	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	
12	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	34.4	0.0	
13	0.0	0.0	0.0	2.0	12.0	1.0	0.0	0.0	24.1	12.0	0.0	
14	0.0	0.0	12.8	4.4	0.0	0.0	0.0	0.0	21.0	16.4	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	5.3	0.0	
16	0.0	0.0	0.0	5.0	0.0	14.0	0.0	22.2	0.0	2.0	0.0	
17	0.0	0.0	25.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	1.0	0.7	12.4	5.2	12.4	10.0	0.0	20.0	0.0	
20	0.0	0.0	0.5	0.0	0.0	16.5	0.0	36.0	14.5	3.7	0.0	
21	0.0	0.0	0.0	0.0	9.0	4.5	0.0	0.0	7.5	1.4	0.0	
22	0.0	0.0	0.0	9.4	0.0	0.0	25.5	0.0	7.5	0.0	0.0	
23	0.0	0.0	1.1	16.7	0.0	29.6	0.0	10.0	43.0	19.3	2.4	
24	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.9	0.0	0.2	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	4.0	0.0	
27	19.8	0.0	0.0	0.0	0.0	7.3	15.7	0.0	0.0	0.5	2.2	
28	5.6	0.0	0.0	146.0	2.0	0.0	16.9	0.0	0.0	5.5	0.0	
29	0.0	0.0	0.0	18.2	18.2	0.0	0.0	2.4	0.0	1.3	0.0	
30	0.0	0.0	0.0	17.1	18.2	21.5	0.0	0.7	0.0	13.7	0.0	
31	0.0	0.0	0.0		9.5		0.0	0.0		0.0		
TOTAL	28.2	33.5	62.5	296.7	168.1	181.9	77.5	105.3	244.2	231.8	89.7	
FMAX	19.8	28.5	25.2	146.0	35.5	29.6	25.5	36.0	55.1	34.4	56.7	33.4
NOIAS	3	3	8	15	12	15	6	8	14	20	7	
! TOTAL ANUAL 1511.4    ! MAXIMO DIARIO 146.0    ! NUM. DE DIAS/AGO 111    MOD. JMLL-26.12.83												

213.9      14.15 %

1 1 5 4 2 2 0 2 3 4 3 1 28

1 1 0 5 4 6 7 8 3 3 2 38 35

1 0 2 3 4 5 3 2 5 9 1 2 35

0 1 1 2 2 2 1 1 1 1 1

62



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 3  
 Fecha : 08/29/91  
 Hora : 13:10:09

! REPORTE CLIMATOLOGICO DEL MES Feb ! AÑO 1989 !  
 !!!

CO0160 0102      ! CUENCA MASACRE                      ! ESTACION DON MIGUEL  
 TIPO: CLI    ! LATITUD: 19 30 10    ! LONGITUD: 71 40 40    ! ELEVACION:    45

DIA	!!!! LLUVIA !!!!			! EVAPORACION !			TEMP. EXTREMAS			TEMPERATURA DEL AIRE				HUMEDAD RELATIVA				PUNTO DE ROCIO				
	0HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	
1	0.0	0.0	0.0	3.0	3.6	30.5	15.0	22.0	19.0	30.0	24.2	24.4	96	59	59	71	10	21	16	10		
2	0.0	0.0	0.0	4.0	4.0	31.0	14.5	22.0	17.0	30.0	24.6	23.9	96	59	53	69	16	21	15	17		
3	0.0	0.0	0.0	4.0	4.0	31.5	13.0	22.3	19.0	30.0	23.0	24.3	90	61	59	70	10	22	15	18		
4	0.0	0.0	0.0	4.2	4.1	31.0	14.5	22.0	17.6	30.0	23.4	23.7	94	49	72	71	17	18	18	18		
5	0.0	0.0	0.0	4.4	4.3	30.5	15.5	23.0	20.0	30.0	23.6	24.5	87	53	62	67	10	19	16	15		
6	0.0	0.0	0.0	4.6	4.6	30.0	16.6	23.3	19.0	29.0	23.6	23.0	83	50	58	68	17	20	15	17		
7	0.0	0.0	0.0	4.6	4.5	31.0	15.0	23.0	17.0	30.0	23.2	23.4	94	59	62	71	16	21	16	13		
8	0.0	0.0	0.0	4.7	4.6	32.0	14.5	23.3	17.0	31.0	24.0	24.3	86	59	60	68	15	22	16	18		
9	0.0	0.0	0.0	4.5	4.4	31.5	16.0	23.0	19.0	31.0	24.2	24.7	90	57	74	74	17	21	19	19		
10	0.0	0.0	0.0	5.0	4.8	31.5	16.2	23.9	19.6	30.4	24.4	24.0	85	54	57	65	17	20	15	17		
11	0.0	0.0	0.0	5.0	4.9	31.0	16.0	23.5	10.2	30.0	23.4	23.9	80	59	58	60	16	21	15	17		
12	0.0	0.0	0.0	5.5	5.4	32.0	14.6	23.3	16.0	31.0	23.6	23.5	96	54	62	71	15	20	16	17		
13	0.0	0.0	0.0	5.5	4.8	31.0	13.6	22.3	16.4	30.4	23.0	23.3	96	51	59	69	16	19	15	16		
14	0.0	0.0	0.0	5.2	5.1	30.5	13.6	22.1	10.4	30.0	22.6	23.7	90	53	65	69	17	19	16	17		
15	0.0	0.0	14.5	6.5	6.5	26.0	12.4	19.2	21.0	24.0	23.0	22.7	73	83	74	77	16	21	18	10		
16	14.5	0.0	0.0	4.0	3.7	25.0	14.6	19.0	20.2	23.4	24.0	22.5	96	80	80	81	20	21	16	19		
17	0.0	0.0	0.0	4.0	3.8	27.0	15.6	21.3	20.0	24.2	23.4	22.5	90	85	61	79	10	21	15	13		
18	0.0	26.7	26.7	11.5	11.0	30.0	14.4	22.2	19.2	20.0	24.6	23.9	80	70	56	72	17	22	15	18		
19	0.0	0.0	3.2	3.2	3.2	29.0	15.5	22.3	21.0	27.0	24.0	24.0	94	84	67	82	20	24	10	21		
20	3.2	13.4	13.4	4.4	4.0	30.5	16.0	23.3	20.2	30.0	23.6	24.6	94	65	70	76	19	23	18	20		
21	0.0	0.0	0.0	3.4	3.2	31.0	15.0	23.0	19.6	31.0	24.0	24.9	94	54	80	76	19	20	20	20		
22	0.0	6.1	6.1	6.1	6.1	31.5	16.4	24.0	21.4	31.0	24.0	25.5	70	54	80	71	10	20	20	19		
23	0.0	0.0	0.0	3.4	3.2	31.0	15.3	23.2	21.0	30.0	24.0	25.0	93	62	75	77	20	22	19	20		
24	0.0	14.0	40.0	6.0	5.0	24.0	14.5	19.3	22.0	23.2	22.0	22.4	87	81	82	84	20	20	19	19		
25	26.0	20.0	32.0	2.3	2.3	22.0	12.4	17.2	20.0	20.0	18.0	19.3	94	87	96	92	19	18	17	18		
26	12.0	2.3	2.3	2.3	2.3	21.5	12.0	16.0	17.6	20.0	18.6	18.7	90	90	83	92	17	13	17	17		
27	0.0	0.0	0.0	2.0	1.0	27.5	13.5	20.5	20.2	27.4	20.0	22.5	89	54	85	76	10	17	17	13		
28	0.0	0.0	0.0	3.0	2.7	31.0	14.0	22.5	20.6	30.0	25.0	25.2	92	59	61	71	19	21	17	19		
TOT	55.7	82.5	130.2			127.1	121.1															
PRO								29.4	14.7	22.0	19.2	20.3	23.2	23.6	90.6	64.3	67.7	74.1	17.6	20.4	16.0	13.2
MAX	26.0	26.7	40.0		11.5	11.0	32.0	16.6	24.0	22.0	31.0	25.0	25.5	90.0	90.0	96.0	92.0	20.0	24.0	20.0	21.0	
MIN	0.0	0.0	0.0		2.0	1.0	21.5	12.0	16.0	16.0	20.0	18.0	18.7	73.0	49.0	53.0	65.0	15.0	17.0	15.0	16.0	

DIAS DE LLUVIA    8

MOD. JHLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 1  
 Fecha : 29/08/91  
 Hora : 11:09:54

\* LLUVIA DIARIA (MM) \* AÑO 1985 \*  
 \*\*\*\*\*

CODIGO: 0103 \* CUENCA: MASACRE \* ESTACION: PARTIDO  
 TIPO: LD2 \* LATITUD: 19 29 20 \* LONGITUD: 71 33 20 \* ELEVACION: 200

DIAS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.9	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.9	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.1	0.0	0.4	0.0	0.0
4	0.0	0.0	0.0	4.1	0.0	2.1	0.0	0.0	0.5	0.0	0.0	0.0
5	0.0	0.3	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	3.9	0.0
6	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0
7	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	4.5	2.0	1.5	0.0
8	0.0	0.2	0.0	0.0	1.2	0.2	0.0	0.3	1.0	1.6	0.0	0.0
9	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.9	1.5	1.4	0.0	0.2	0.0	0.0	0.0	0.0
11	0.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	1.1	0.3	0.0	0.0
12	0.0	0.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	1.0	0.0	0.0	0.0	1.5	2.1	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
15	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	2.7	0.0
17	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.1	0.0	0.0	0.0
18	1.0	0.0	0.0	2.3	0.0	0.3	0.0	0.0	0.7	0.0	9.3	0.0
19	2.1	1.0	0.0	0.0	0.0	0.0	1.0	0.0	3.5	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.1	0.0	0.0
21	2.0	0.0	0.4	0.1	0.0	0.0	0.0	2.1	0.0	0.2	0.0	0.0
22	0.0	0.0	1.0	0.0	0.0	0.0	0.1	0.9	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0
24	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	2.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.3	0.0	0.0
26	0.9	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.3	0.0	0.0
27	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.7	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	4.5	0.0	3.1	0.6	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
TOTAL	6.0	12.1	1.4	0.1	9.3	11.5	3.2	13.9	20.1	17.6	20.6	0.0
PMAX	2.0	2.0	1.0	4.1	1.9	4.5	2.1	3.1	4.5	0.7	9.3	0.0
NOIAS	4	13	2	5	9	10	3	10	13	10	6	0

\* TOTAL ANUAL 124.6 \* MAXIMO DIARIO 9.3 \* NUM. DE DIAS/AÑO 85 NOO. JHLL-26.12.83

202. — 16.2 %

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 2  
 Fecha : 29/08/91  
 Hora : 11:10:00

! LLUVIA DIARIA (MM) ! AÑO 1986 !  
 !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

CODIGO: 0103    ! CUENCA: MASACRE    ! ESTACION: PARTIDO  
 TIPO: L02    ! LATITUD: 19 29 20    ! LONGITUD: 71 33 20    ! ELEVACION: 200

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.0	2.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	3.7	0.0	10.6	0.0	0.0	0.0	0.0	0.0	0.1	0.0
4	0.0	0.0	0.1	0.0	4.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.6	1.2	0.0	0.0	0.5	0.0	0.0	0.0
6	0.0	0.0	0.1	0.0	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	1.3	0.0	0.1	0.7	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	1.5	1.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	1.5	1.0	0.0	0.0	0.0	0.2	0.0	0.0
11	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.7	0.0	0.0
13	0.0	0.0	0.0	4.6	2.0	2.6	0.0	0.0	2.2	0.0	0.0	0.0
14	0.6	0.0	0.0	0.0	2.4	0.0	0.0	0.0	2.4	1.0	0.0	0.0
15	0.0	0.0	0.1	0.0	2.7	0.4	0.0	2.9	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.2	0.0	0.2	0.0	0.0
17	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	11.0	1.9	0.0
18	0.0	0.0	0.0	0.0	2.4	0.0	0.4	0.0	0.0	0.2	0.0	0.0
19	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	9.2	0.0	0.0
20	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
21	0.0	0.0	0.0	0.7	0.0	0.0	0.2	0.0	0.0	1.0	0.0	0.0
22	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.5	0.0	3.2	0.0	0.0
23	0.0	0.0	0.0	7.0	0.6	0.0	0.0	0.0	0.0	1.1	0.0	0.0
24	0.0	0.0	0.0	0.1	3.5	0.0	0.0	2.3	0.0	0.0	0.0	0.0
25	0.0	3.1	0.0	0.0	3.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0
26	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0
27	1.9	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	1.7	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
29	0.0	0.0	1.0	0.3	6.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0
30	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	2.1	0.0	0.0
31	0.0	0.0	1.4	0.0	0.7	0.0	0.0	0.5	0.0	0.0	0.0	0.0
TOTAL	4.2	4.0	9.7	20.7	50.0	17.9	1.1	11.5	0.3	32.6	2.0	0.0
PMAX	1.9	3.1	3.7	7.0	10.6	7.0	0.4	2.9	2.4	11.0	1.9	0.0
NDIAS	3	3	9	13	21	9	4	10	6	14	2	0

! TOTAL ANUAL 170.0    ! MAXIMO DIARIO 11.0    ! NUM. DE DIAS/AÑO 94    MOD. JMLL-26.12.83

18.7    10.95%

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 3  
 Fecha : 29/08/91  
 Hora : 11:10:22

\* LLUVIA DIARIA (MM) \* AÑO 1987 \*  
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CODIGO: 0103 \* CUENCA: MASACRE \* ESTACION: PARTIDO  
 TIPO: LD2 \* LATITUD: 19 29 20 \* LONGITUD: 71 33 20 \* ELEVACION: 280

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.0	6.1	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.2	0.0	0.0
3	0.0	0.0	0.0	4.1	0.5	0.7	0.0	0.0	0.0	2.5	0.0	0.6
4	0.0	0.0	0.0	0.0	1.4	0.2	0.0	0.0	1.2	0.5	0.0	4.1
5	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	2.1
6	0.5	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.2	2.3	0.0
7	0.0	0.0	0.0	0.0	2.6	0.3	0.0	0.0	3.9	3.3	5.6	0.5
8	0.0	1.8	0.0	0.0	2.7	0.9	0.0	0.0	0.0	2.4	0.0	0.4
9	0.0	0.5	0.2	0.0	0.5	0.3	0.0	0.3	0.0	0.0	0.0	0.6
10	0.0	0.3	1.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.9
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
13	0.0	1.9	0.0	0.0	0.1	0.0	0.0	0.0	3.0	1.5	0.0	0.0
14	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.3	0.0	0.0
15	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0
16	0.0	0.0	0.0	0.5	0.0	0.1	0.0	2.6	0.0	0.0	0.2	0.0
17	0.0	0.0	2.9	0.2	0.0	0.0	0.0	0.0	3.9	0.0	0.1	0.0
18	0.0	0.0	0.4	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.6
19	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	4.1	0.0	0.3
20	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	0.7	1.4	0.0	0.0
21	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	1.2	4.3	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	3.9	0.0	0.0
23	0.2	0.0	0.0	2.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.5	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	1.8	0.0	0.0	4.0	0.0	4.5	0.1	0.0	0.0	1.6	3.1	0.0
28	0.4	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0
29	0.0	0.0	0.0	4.2	3.5	0.0	0.0	0.0	0.0	0.0	1.3	0.0
30	0.0	0.0	0.0	2.0	5.6	2.0	0.0	0.0	0.0	0.0	0.0	3.7
31	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	2.9	5.0	5.6	39.5	22.8	16.5	8.3	7.4	24.9	29.0	13.1	13.0
PMAX	1.8	1.9	2.9	13.6	5.6	4.5	5.6	2.6	5.4	4.3	5.6	4.1
NDIAS	4	5	5	11	12	15	4	4	11	18	7	10

\* TOTAL ANUAL 188.8 \* MAXIMO DIARIO 13.6 \* NUM. DE DIAS/AÑO 106

MOD. JNLL-26.12.83

27.3

14.46%



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 4  
 Fecha : 29/08/91  
 Hora : 11:10:36

\* LLUVIA DIARIA (MM) \* AÑO 1988 \*  
 \*\*\*\*\*

CODIGO: 0103 \* CUENCA: MASACRE \* ESTACION: PARTIDO  
 TIPO: LD2 \* LATITUD: 19 29 20 \* LONGITUD: 71 33 20 \* ELEVACION: 200

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	14.3	0.0
3	0.0	0.0	0.0	0.0	37.9	83.9	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	75.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	4.8	0.0	57.8	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	28.8	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	18.0	128.1	32.8	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.2	0.0	35.6	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.6	0.0	0.0	0.0
15	0.0	0.0	0.2	0.0	3.4	76.3	0.0	0.0	23.1	84.6	0.0	0.0
16	0.6	0.0	0.3	0.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.8	0.0	3.7	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	9.3	32.4	0.0	0.0	52.8	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	28.1	93.6	0.0	0.0	15.7	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	0.0	0.0
26	0.0	1.7	0.0	0.0	0.0	16.7	0.0	0.0	0.0	27.2	0.0	0.0
27	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	1.4	0.0	0.1	0.0	0.0	0.0	0.0	39.6	0.0	0.0	0.0	0.0
29	4.5	0.0	0.0	0.0	0.0	9.3	2.5	4.8	9.1	0.0	0.0	0.0
30	0.5	0.0	0.0	0.0	18.3	5.1	0.0	51.1	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	7.0	2.7	5.7	0.7	219.7	352.9	116.9	250.4	199.5	140.3	14.3	0.0
PMAX	4.5	1.7	4.9	0.3	75.7	93.6	57.8	128.1	52.8	84.6	14.3	0.0
NDIAS	4	2	5	3	12	8	5	5	7	5	1	0

\* TOTAL ANUAL 1310.1 \* MAXIMO DIARIO 128.1 \* NUM. DE DIAS/AÑO 57 MOD. JMLL-26.12.83

Handwritten calculations and notes:  
 3 24 30 0 1 0 0 0 0  
 1 0 1 0 6 2 1 1 1 3 0  
 0 0 0 0 3 0 1 0 3 1 0  
 0 0 0 3 5 2 4 3 0 0  
 1.17%  
 13  
 15  
 10  
 1

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 5  
 Fecha : 29/08/91  
 Hora : 11:10:49

\* LLUVIA DIARIA (MM) \* AÑO 1989 \*  
 \*\*\*\*\*

CODIGO: 0103 \* CUENCA: MASACRE \* ESTACION: PARTIDO  
 TIPO: LD2 \* LATITUD: 19 29 20 \* LONGITUD: 71 33 20 \* ELEVACION: 200

DIA	EHE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	31.7	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	52.6	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	16.4	0.0	48.4	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	90.2	0.0	0.0	23.6	0.0	0.0	0.0	15.1
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	32.6	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	4.9	0.0	48.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	23.4	0.0	0.1	0.0	0.0	0.0
14	0.0	14.7	0.0	0.0	0.0	0.0	17.2	0.2	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.4	0.0	0.0	0.0	0.0	18.4	0.0	0.0	32.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	17.4	0.0	0.0	11.2	0.0	0.0
21	0.0	0.0	0.0	32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	23.7	0.0	0.0	33.6	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	83.1
24	0.0	40.2	0.0	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
25	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	2.1	0.0	0.0	1.3	0.0	0.5	0.0	0.0	2.9	0.0	0.0
27	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	3.1
28	0.0	0.0	0.0	0.0	5.2	0.0	14.7	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	65.4	37.5	44.1	144.8	40.6	183.7	91.6	75.9	50.3	35.2	101.3
PNAX	0.0	40.2	32.6	32.4	90.2	23.7	52.6	48.4	33.6	32.0	18.5	83.1
NDIAS	0	6	2	2	4	3	9	4	4	4	3	3

\* TOTAL ANUAL 870.4 \* MAXIMO DIARIO 90.2 \* NUM. DE DIAS/AÑO 44 MOD. JHLL-26.12.83

23.46%

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 6  
 Fecha : 29/08/91  
 Hora : 11:11:02

\* LLUVIA DIARIA (MM) \* AÑO 1990 \*  
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CODIGO: 0103 \* CUENCA: MASACRE \* ESTACION: PARTIDO  
 TIPO: LD2 \* LATITUD: 19 29 28 \* LONGITUD: 71 33 28 \* ELEVACION: 208

DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2	0.0	0.0	0.0	34.9	0.0	0.0	0.0	0.0	0.0	0.0		
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	37.6	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	34.2	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	34.0	0.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	44.1	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.4	0.0		
10	0.0	0.0	0.0	0.0	58.5	0.0	0.0	0.0	0.0	38.3		
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	51.2		
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2	0.0	0.0		
13	0.0	51.2	0.0	0.0	0.0	51.2	0.0	0.0	0.0	71.3		
14	0.0	0.0	0.0	0.5	0.0	0.0	27.0	34.5	18.1	0.0		
15	0.0	0.0	0.0	00.5	0.0	23.3	0.0	0.0	9.6	0.0		
16	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	15.2		
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.2	0.0	11.3		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	0.0	0.0		
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	0.0		
24	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	0.0	51.2	0.0	23.1	0.0		
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0		
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	11.7	21.5		
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.5		
31	0.0		0.0		0.0		0.0	0.0		0.0		
<b>TOTAL</b>	0.0	51.2	0.0	187.7	58.5	181.0	144.0	118.0	181.0	304.3		
<b>FMAX</b>	0.0	51.2	0.0	80.5	58.5	51.2	51.2	34.5	56.4	95.5		
<b>NDIAS</b>	0	1	0	5	1	5	6	4	8	7		

\* TOTAL ANUAL 1138.5 \* MAXIMO DIARIO 95.5 \* NUM. DE DIAS/AÑO 37 MOD. JMLL-26.12.83

315.1 37.2%

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRH)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 1  
 Fecha : 08/27/91  
 Hora : 13:09:36

† REPORTE CLIMATOLOGICO DEL MES Ene † AÑO 1989 †

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CODIGO 0102 † CUENCA MASACRE † ESTACION DON MIGUEL  
 TIPO: CLI † LATITUD: 19 30 18 † LONGITUD: 71 40 40 † ELEVACION: 45

DIA	LLUVIA			EVAPORACION			TEMP. EXTREMAS			TEMPERATURA DEL AIRE				HUMEDAD RELATIVA				PUNTO DE ROCIO			
	8HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM
1	0.0	0.0	0.0	3.4	3.2	32.0	14.5	23.3	16.4	31.0	24.6	24.0	90	59	63	71	15	22	17	18	
2	0.0	0.0	0.0	3.4	3.3	32.0	15.6	23.8	19.0	31.0	25.0	25.0	90	57	76	77	19	21	20	20	
3	0.0	0.0	0.0	3.4	3.2	30.0	16.0	23.0	20.6	29.4	26.0	25.3	94	63	69	75	20	22	20	20	
4	0.0	0.0	0.0	3.3	3.2	31.5	17.0	24.3	20.0	31.0	25.2	25.4	96	59	77	78	19	22	21	21	
5	0.0	0.0	0.0	3.0	2.8	29.0	17.6	23.3	20.0	28.0	24.2	24.1	87	82	74	81	18	25	19	20	
6	0.0	0.3	0.3	2.7	2.6	27.5	16.6	22.1	20.2	27.0	23.6	23.6	96	77	70	81	20	23	18	20	
7	0.0	0.0	0.0	3.2	3.0	31.0	17.0	24.0	20.0	30.0	25.2	25.1	96	61	74	77	19	22	20	20	
8	0.0	0.0	0.0	3.7	3.5	31.5	17.4	24.5	19.6	30.4	26.2	25.4	94	63	70	76	19	22	20	21	
9	0.0	0.0	0.0	4.2	4.0	32.0	18.0	25.0	19.8	31.4	25.0	25.4	94	57	73	75	19	22	20	20	
10	0.0	0.0	0.0	4.4	4.2	32.5	15.0	23.8	16.6	32.0	24.6	24.4	96	54	71	74	16	22	19	19	
11	0.0	0.0	0.0	4.7	4.6	31.0	14.2	22.6	16.4	30.2	24.4	23.7	96	61	65	74	16	22	17	18	
12	0.0	0.0	0.0	5.0	4.8	31.0	14.0	22.5	17.6	30.0	24.4	24.0	98	59	72	76	17	21	19	19	
13	0.0	0.0	0.0	5.4	5.3	31.5	15.0	23.3	21.0	31.0	24.2	25.4	73	61	77	78	16	23	20	19	
14	0.0	0.0	0.0	5.2	5.0	31.0	15.2	23.1	16.6	30.4	24.0	23.7	94	57	67	73	16	21	18	18	
15	0.0	0.0	0.0	5.0	5.0	31.0	13.6	22.3	18.6	30.0	24.2	24.3	90	65	66	74	17	23	17	19	
16	0.0	0.0	0.0	5.2	5.0	32.0	13.0	22.5	17.0	30.4	25.0	24.1	94	65	68	76	16	23	19	19	
17	0.0	0.0	0.0	5.3	5.2	32.5	13.2	22.9	16.0	31.0	26.0	24.6	92	63	72	75	15	23	21	20	
18	0.0	0.0	0.0	5.2	5.2	32.0	16.5	24.3	21.0	31.0	24.6	25.5	82	56	63	67	18	21	17	19	
19	0.0	0.0	0.0	4.2	4.0	31.5	15.0	23.3	18.6	31.0	24.0	24.5	84	61	67	71	16	23	18	19	
20	0.0	0.0	0.0	4.0	4.0	31.0	15.6	23.3	18.0	30.0	25.6	23.9	90	53	62	68	16	19	16	17	
21	0.0	0.0	0.0	4.2	4.1	31.0	12.0	21.5	17.4	30.4	24.0	23.9	90	54	75	73	16	20	19	18	
22	0.0	0.0	0.0	4.3	4.2	32.0	13.0	22.5	18.4	31.0	25.0	24.0	86	57	76	73	16	21	20	19	
23	0.0	0.0	0.0	4.6	4.4	32.5	14.0	23.3	20.4	32.0	25.6	26.0	87	54	71	71	18	22	20	20	
24	0.0	0.0	0.0	4.3	4.3	32.0	16.0	24.0	20.4	31.6	26.0	26.0	94	54	76	75	19	21	21	21	
25	0.0	0.0	0.0	4.2	4.2	31.5	17.0	24.3	22.0	31.0	25.2	26.1	91	56	70	72	20	21	19	20	
26	0.0	0.0	0.0	4.0	4.0	30.0	15.6	22.0	18.2	28.6	25.0	23.9	94	67	76	79	17	22	20	20	
27	0.0	0.0	0.0	4.3	4.2	31.0	16.0	23.5	19.2	30.0	25.0	24.7	96	61	61	73	19	22	17	19	
28	0.0	2.3	2.3	6.2	6.2	29.0	17.0	23.0	20.0	27.6	22.0	23.2	92	66	82	80	19	21	19	19	
29	0.0	0.0	0.0	3.9	3.8	28.5	18.0	23.3	20.0	27.0	23.0	23.3	96	77	67	80	19	23	16	19	
30	0.0	0.0	0.0	4.0	3.9	31.0	16.0	23.5	19.6	30.0	24.0	24.5	94	59	67	73	19	21	18	19	
31	0.0	0.0	0.0	4.0	3.9	32.0	15.0	23.5	19.0	30.6	23.0	24.2	96	56	67	73	18	21	16	18	
TOT	0.0	2.6	2.6	131.9	128.3																
PRO						31.1	15.5	23.3	19.0	30.2	24.6	24.6	91.9	61.1	70.5	74.5	17.6	21.8	18.7	19.3	
MAX	0.0	2.3	2.3	6.2	6.2	32.5	18.0	25.0	22.0	32.0	26.2	26.1	98.0	82.0	82.0	81.0	20.0	25.0	21.0	21.0	
MIN	0.0	0.0	0.0	2.7	2.6	27.5	12.0	21.5	16.4	27.0	22.0	23.2	73.0	53.0	61.0	67.0	15.0	19.0	16.0	17.0	

DIAS DE LLUVIA 2

MOD. JHLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Fag. No: 2  
 Fecha : 09/29/91  
 Hora : 13:09:40

\* REPORTE CLIMATOLOGICO DEL MES Ene \* AÑO 1989 \*  
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COBIGO 0102 \* CUENCA MASACRE \* ESTACION DON MIGUEL  
 TIPO: CLI \* LATITUD: 19 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO				NUBOSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA			
	3HR	14HR	20HR	3HR	14HR	20HR	PROM	MS/SEG	(1M)	PROM	SH	14H	20H	PROM	CAL/CM2/DIA	INTENSIDAD	SOLAR	HGRAS	8HR	14HR	20HR	PROM	
1											0	4	4	3									
2											0	4	8	4									
3											4	6	6	5									
4											4	2	6	4									
5											4	8	8	7									
6											8	8	8	8									
7											8	6	6	7									
8											0	4	2	2									
9											8	8	4	1									
10											8	0	0	0									
11											0	0	0	0									
12											0	0	2	1									
13											0	0	0	0									
14											0	4	0	1									
15											0	0	0	0									
16											0	0	0	0									
17											0	2	6	3									
18											4	0	0	1									
19											0	4	0	1									
20											0	2	0	1									
21											4	4	2	3									
22											0	2	0	1									
23											0	4	4	3									
24											4	6	8	6									
25											6	4	4	5									
26											0	0	0	5									
27											8	6	8	7									
28											4	8	9	7									
29											0	0	0	0									
30											0	6	4	3									
31											0	0	0	0									
TOT																							
PRO											2	3	3	3									
MAX											8	8	8	8									
MIN											0	0	0	0									

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHII)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 4  
 Fecha : 08/29/91  
 Hora : 13:18:13

† REPORTE CLIMATOLOGICO DEL MES Feb † AÑO 1989 †

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 CODIGO 0102     † CUENCA MASACRE                     † ESTACION DON MIGUEL  
 TIPO: CLI     † LATITUD: 19 30 10     † LONGITUD: 71 40 40     † ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO		VEL. VIENTO		NUBOSIDAD				RADIACION	INSOLACION	PRESION ATMOSFERICA						
	3HR	14HR	20HR	8HR	14HR	20HR	FROM	PROH	0H	14H	20H	PROH	CAL/CM2/DIA	SOLAR	HRAS	3HR	14HR	20HR	PROH	
1									0	6	6	4								
2								0.1	0	4	0	1								
3									0	0	0	0								
4									0	6	0	2								
5									0	0	0	0								
6									4	6	0	3								
7									0	0	0	0								
8									0	0	0	0								
9									0	6	0	5								
10									4	4	6	5								
11									0	6	0	2								
12									0	4	0	1								
13									0	4	2	2								
14									0	6	0	7								
15									6	0	0	7								
16									0	6	0	7								
17									4	6	4	5								
18									0	4	6	3								
19									6	6	0	7								
20									2	4	6	4								
21									0	4	2	2								
22									0	4	2	2								
23									2	4	4	3								
24									2	0	0	6								
25									0	0	0	0								
26									0	0	0	0								
27									6	0	6	7								
28									0	6	0	5								
=====																				
TOT										2	4	4	3							
PRO										0.1	0	0	0	0						
MAX										0.1	0	0	0	0						
MIN										0.1	0	0	0	0						

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 5  
 Fecha : 08/29/91  
 Hora : 13:10:42

† REPORTE CLIMATOLOGICO DEL MES Mar † AÑO 1989 †

CODIGO 0102 † CUENCA MASACRE † ESTACION DON MIGUEL  
 TIPO: CL1 † LATITUD: 19 38 18 † LONGITUD: 71 40 40 † ELEVACION: 45

DIA	LLUVIA			EVAPORACION			TEMP. EXTREMAS			TEMPERATURA DEL AIRE				HUMEDAD RELATIVA				PUNTO DE ROCIO			
	0HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM
1	0.0	0.0	0.0	3.3	3.1	32.5	16.0	24.3	22.4	32.0	25.4	26.6	89	60	58	69	21	23	17	20	
2	0.0	0.0	0.0	3.3	3.1	32.5	16.5	24.5	22.0	32.0	26.0	26.7	89	52	65	69	20	21	19	20	
3	0.0	0.0	0.0	3.5	3.5	32.5	16.0	24.3	22.0	32.0	24.6	26.2	86	54	79	73	19	22	21	21	
4	0.0	0.0	0.0	3.4	3.3	32.0	15.6	23.8	20.2	31.6	25.0	25.6	89	66	74	76	18	24	20	21	
5	0.0	0.0	0.0	3.1	3.0	31.5	16.0	23.8	20.8	31.0	24.4	25.4	93	59	65	72	20	22	17	20	
6	0.0	0.0	0.0	3.5	3.2	32.0	15.2	23.6	19.8	31.8	24.0	24.9	94	61	67	74	18	23	18	20	
7	0.0	0.0	0.0	3.4	3.2	33.0	16.0	24.5	18.0	32.0	21.2	23.7	96	57	98	84	17	22	21	20	
8	0.0	0.0	0.0	3.2	3.0	32.5	15.2	23.9	20.2	32.0	26.0	26.1	92	64	69	75	19	24	20	21	
9	0.0	0.0	0.0	3.0	3.0	31.0	15.7	23.4	21.2	30.0	25.2	25.5	87	61	77	75	19	22	21	21	
10	0.0	21.9	21.9	4.9	4.4	25.0	16.4	20.7	20.4	24.6	23.0	22.7	96	90	74	87	20	23	18	20	
11	0.0	0.0	0.0	1.8	1.6	29.0	14.5	21.3	20.0	26.4	24.2	23.5	96	69	59	75	19	20	16	18	
12	0.0	0.0	0.0	2.6	2.3	27.5	13.5	20.5	17.8	26.0	24.0	22.6	92	84	60	79	16	23	16	18	
13	0.0	0.0	0.0	2.4	2.3	25.5	14.5	20.0	20.0	25.0	23.0	22.7	96	89	74	86	19	23	18	20	
14	0.0	0.0	0.0	3.0	2.8	31.5	13.4	22.5	18.0	30.0	23.4	23.0	96	59	64	73	17	21	16	18	
15	0.0	0.0	0.0	3.0	2.7	31.0	13.0	22.0	19.2	30.0	24.0	24.4	88	53	63	68	17	19	16	18	
16	0.0	0.0	0.0	3.4	3.2	30.5	13.4	22.0	19.2	30.0	24.4	24.5	96	59	57	71	19	21	15	18	
17	0.0	0.0	0.0	3.7	3.5	31.5	14.0	22.8	19.8	31.0	24.2	25.0	96	59	60	72	19	22	16	19	
18	0.0	6.0	6.0	6.0	6.0	31.0	15.5	23.3	21.0	30.4	23.6	25.0	94	69	58	74	20	24	15	20	
19	0.0	0.0	0.0	2.0	1.8	29.6	14.2	21.9	20.6	29.0	24.2	24.6	98	62	66	75	20	21	17	20	
20	0.0	0.0	0.0	3.1	3.0	29.0	14.6	21.8	19.2	28.4	23.0	23.5	90	68	67	75	18	22	16	19	
21	0.0	0.0	0.0	3.0	3.0	31.0	13.4	22.2	20.0	30.0	24.2	24.7	94	62	66	74	19	22	17	20	
22	0.0	0.0	0.0	3.4	3.2	32.0	16.5	24.3	20.4	31.0	25.4	25.6	96	59	65	74	20	22	18	20	
23	0.0	0.0	0.0	4.0	3.7	32.5	15.0	23.0	19.2	31.2	24.0	24.8	98	62	67	76	19	23	18	20	
24	0.0	0.0	0.0	4.4	4.2	33.0	15.5	24.3	20.6	32.0	25.0	25.9	94	60	65	73	20	23	18	20	
25	0.0	0.0	0.0	4.7	4.6	32.5	16.0	24.3	19.6	32.0	26.0	25.9	96	57	55	69	19	22	16	19	
26	0.0	0.0	0.0	4.8	4.7	32.0	15.8	23.9	19.0	31.8	24.8	25.2	90	55	66	71	17	22	18	19	
27	0.0	0.0	0.0	4.0	3.8	31.5	16.0	23.0	19.4	31.0	24.0	24.8	87	55	74	72	17	21	19	19	
28	0.0	0.0	0.0	4.3	4.2	32.0	15.4	23.7	22.5	31.4	24.6	26.2	78	57	71	69	19	22	19	20	
29	0.0	0.0	0.0	4.4	4.3	31.0	14.4	22.7	17.4	30.0	24.0	23.8	94	59	60	71	16	21	16	18	
30	0.0	0.0	0.0	4.6	4.3	32.0	14.6	23.3	17.6	31.0	24.6	24.4	94	59	63	72	17	22	17	19	
31	0.0	0.0	0.0	4.8	4.7	32.0	14.2	23.1	16.2	31.4	24.6	24.1	91	59	74	75	15	22	20	19	
TOT	0.0	27.9	27.9	112.0	106.0																
PROM							31.0	15.0	23.0	19.0	30.3	24.3	24.8	92.4	62.5	67.1	74.1	18.5	22.1	17.7	19.5
MAX	0.0	21.9	21.9	6.0	6.0	33.0	16.5	24.5	22.5	32.0	26.0	26.7	98.0	90.0	90.0	87.0	21.0	24.0	21.0	21.0	
MIN	0.0	0.0	0.0	1.8	1.6	25.0	13.0	20.0	16.2	24.6	21.2	22.6	78.0	52.0	53.0	68.0	15.0	19.0	15.0	18.0	
DIAS DE LLUVIA	2																				

MOD. JMML-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 6  
 Fecha : 09/29/91  
 Hora : 13:18:46

REPORTE CLIMATOLOGICO DEL MES Mar AÑO 1989

CGDIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CL1 LATITUD: 19 30 18 LONGITUD: 71 40 40 ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO				NUBOSIDAD				RADIACION	INSOLACION	PRESION ATMOSFERICA											
	8HR	14HR	20HR	M/S POR SEG. (3 MS)			M/S/SEG (1M)				OCTAVOS				CAL/CM2/DIA	SOLAR	MILIBARES												
													INTENSIDAD	HORAS	8HR	14HR	20HR	PROM											
1																													
2								0.0				0	4	4	5														
3								0.0				0	4	2	2														
4								0.1				0	4	2	2														
5								0.1				0	4	6	3														
6								0.1				2	2	2	2														
7								0.1				0	4	2	2														
8								0.1				2	4	6	4														
9								0.1				2	6	0	5														
10								0.0				0	0	0	0														
11								0.1				6	8	8	7														
12								0.1				0	6	0	5														
13								0.1				0	6	6	7														
14								0.1				2	4	2	3														
15								0.1				0	2	2	1														
16								0.1				0	4	6	3														
17								0.1				0	4	4	3														
18								0.1				0	6	6	4														
19								0.1				2	0	6	5														
20								0.1				0	6	2	3														
21												0	4	2	2														
22												0	4	6	6														
23												0	4	4	3														
24												0	4	2	2														
25												0	4	6	3														
26												0	4	0	1														
27												0	2	0	1														
28												0	4	2	2														
29												0	6	4	3														
30												0	4	0	1														
31												0	4	6	3														
TOT																													
PRO																													
MAX								0.1				0	0	0	0														
MIN								0.0				0	2	0	1														

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INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Paq. No: 7  
 Fecha : 88/29/91  
 Hora : 13:11:17

REPORTE CLIMATOLOGICO DEL MES Abr AÑO 1989

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLUVIA MILIMETROS			EVAPORACION MILIMETROS			TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO 600S CENT				
	0HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	
1	0.0	0.0	0.0		4.6	4.4	31.5	15.4	23.5	21.0	31.0	26.0	26.0	89	59	55	68	19	22	16	19	
2	0.0	0.0	0.0		4.6	4.3	32.5	16.0	24.3	20.6	32.0	25.6	26.1	94	60	64	73	20	23	18	20	
3	0.0	0.0	0.0		4.6	4.3	29.0	16.4	22.7	23.0	28.4	25.0	25.5	76	69	70	72	19	22	19	20	
4	0.0	0.0	0.0		5.0	4.8	33.0	15.0	24.0	17.0	32.0	26.2	25.1	94	63	62	73	16	24	18	19	
5	0.0	0.0	0.0		5.4	5.3	33.0	16.2	24.6	21.0	32.6	26.0	26.5	94	57	62	71	20	23	18	20	
6	0.0	0.0	0.0		5.6	5.5	32.5	16.0	24.3	21.8	32.4	25.8	26.7	95	64	66	75	21	25	19	22	
7	0.0	27.1	27.1		12.1	11.9	32.0	16.4	24.2	23.0	31.4	24.0	26.1	91	62	67	74	21	23	18	21	
8	0.0	0.0	0.0		3.0	2.8	32.0	16.6	24.3	23.6	31.4	24.0	26.3	95	52	75	74	23	20	19	21	
9	0.0	0.0	0.0		3.0	3.4	32.0	16.2	24.1	22.0	31.8	23.6	25.0	96	52	86	78	21	21	21	21	
10	0.0	0.0	0.0		4.2	4.0	32.5	16.5	24.5	22.2	31.8	24.0	26.0	89	55	80	75	20	22	20	21	
11	0.0	0.0	0.0		4.4	4.2	32.0	16.4	24.2	24.0	31.0	24.6	26.5	83	55	71	70	21	21	19	20	
12	0.0	0.0	0.0		4.5	4.3	33.0	16.1	24.6	23.8	32.6	24.0	26.8	78	54	72	68	20	22	19	20	
13	0.0	5.2	5.2		9.2	9.1	33.0	16.0	24.5	22.2	32.4	24.0	26.2	89	58	75	74	20	23	19	21	
14	0.0	0.0	0.0		4.4	4.2	32.5	15.6	24.1	24.0	31.6	24.4	26.7	86	56	75	73	22	22	20	21	
15	0.0	0.0	0.0		4.7	4.5	32.5	15.3	23.9	22.4	31.4	25.0	26.3	88	59	76	74	20	22	20	21	
16	0.0	0.0	0.0		5.1	5.0	32.5	16.4	24.5	24.4	31.0	26.0	27.1	82	66	73	73	21	24	21	22	
17	0.0	0.0	0.0		5.3	5.1	33.5	17.0	25.3	23.6	32.8	27.0	27.0	86	62	70	73	21	25	21	22	
18	0.0	0.0	0.0		5.6	5.5	32.5	17.0	24.8	23.6	32.0	26.4	27.3	93	61	72	75	22	24	21	22	
19	0.0	0.0	0.0		5.4	5.2	34.0	17.2	25.6	24.4	33.6	26.4	28.1	90	60	69	73	23	25	20	23	
20	0.0	0.0	0.0		5.3	5.2	33.0	17.0	25.0	23.0	32.6	26.2	27.3	91	58	75	75	21	23	21	22	
21	0.0	0.0	0.0		5.1	5.0	32.5	16.4	24.5	23.6	32.0	25.4	27.0	95	60	76	77	23	23	21	22	
22	0.0	0.0	0.0		5.3	5.2	33.0	17.0	25.0	23.8	32.4	25.4	26.9	98	58	76	77	23	23	21	22	
23	0.0	12.7	12.7		3.2	3.1	32.5	16.6	24.6	23.0	32.0	25.0	26.7	98	63	76	79	23	24	20	22	
24	0.0	28.2	28.2		8.2	8.2	32.0	17.0	24.5	23.6	31.6	24.6	26.6	96	56	79	77	23	22	21	22	
25	0.0	0.0	0.0		3.0	2.4	31.5	16.2	23.9	21.8	31.0	24.4	25.7	96	54	82	77	21	20	21	21	
26	0.0	47.2	47.2				32.0	15.8	23.9	20.8	31.4	24.0	25.4	94	57	80	77	20	22	20	21	
27	0.0	0.0	0.0		3.6	3.0	32.0	16.0	24.0	22.0	31.0	24.0	25.7	96	55	83	78	21	21	21	21	
28	0.0	0.0	0.0		3.8	3.4	32.5	16.0	24.3	20.2	31.6	24.6	25.5	98	56	79	78	20	22	21	21	
29	0.0	0.0	0.0		4.0	3.8	32.0	15.8	23.9	21.8	31.4	25.0	26.1	91	57	74	74	20	22	20	21	
30	0.0	0.0	0.0		3.8	3.6	32.0	16.0	24.0	21.8	31.6	24.8	26.1	93	58	76	75	21	22	20	21	
TOT	0.0	120.4	120.4																			
PRO							32.4	16.3	24.3	22.4	31.7	25.0	26.4	91.1	58.5	73.2	74.3	20.9	22.6	19.8	21.1	
MAX	0.0	47.2	47.2		12.1	11.9	34.0	17.2	25.6	24.4	33.6	27.0	28.1	98.0	69.0	86.0	79.0	23.0	25.0	21.0	23.0	
MIN	0.0	0.0	0.0		3.0	2.4	29.0	15.0	22.7	17.0	28.4	23.6	25.1	76.0	52.0	55.0	63.0	16.0	20.0	16.0	19.0	

DIAS DE LLUVIA 5

MOB. JMML-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 8  
 Fecha : 03/29/91  
 Hora : 13:11:21

+ REPORTE CLIMATOLOGICO DEL MES Abr + AÑO 1989 +  
 +-----+

CODIGO 0102 + CUENCA NASACRE + ESTACION DON MIGUEL  
 TIPO: CL1 + LATITUD: 19 30 10 + LONGITUD: 71 40 00 + ELEVACION: 45

DIA	VELOCIDAD DEL VIENTO				VEL. VIENTO		NUBOSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA			
	DIREC. VIENTO		MTS POR SEG. (3 MS)		MS/SEG (1M)		OCTAVOS				CAL/CM2/DIA		SOLAR		MILIBARES			
	8HR	14HR	20HR	PRON	PRON	3H	14H	20H	PRON	INTENSIDAD	HORAS	8HR	14HR	20HR	PRON			
1						0	2	4	2									
2						2	4	2	3									
3						6	6	4	5									
4						0	0	0	0									
5						0	2	0	1									
6						0	6	4	3									
7						2	6	8	5									
8						2	6	6	5									
9						4	6	6	5									
10						0	4	4	3									
11						2	6	4	4									
12						0	4	4	3									
13						2	6	8	5									
14						2	4	4	3									
15						0	4	0	1									
16						0	4	0	1									
17						0	4	0	1									
18						0	6	0	2									
19						0	6	8	5									
20						0	6	0	5									
21						0	6	0	7									
22						6	6	6	6									
23						0	6	8	7									
24						6	6	8	7									
25						0	6	4	3									
26						0	4	4	3									
27						0	4	2	2									
28						0	2	2	1									
29						0	2	0	1									
30						0	2	4	2									

TOT																
PRO						1	4	4	3							
MAX						0	6	8	7							
MIN						0	0	0	0							

MOD. JMML-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pas. No: 9  
 Fecha : 08/29/91  
 Hora : 13:11:51

\* REPORTE CLIMATOLOGICO DEL MES May \* AÑO 1989 \*  
 \*\*\*\*\*

CODIGO 0182 \* CUENCA MASACRE \* ESTACION DON MIGUEL  
 TIPO: CLI \* LATITUD: 19 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	LLUVIA			EVAPORACION			TEMP. EXTREMAS			TEMPERATURA DEL AIRE				HUMEDAD RELATIVA				PUNTO DE ROCIO				
	0HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	
1	0.0	29.0	29.0		6.0	5.6	32.5	17.0	24.0	24.2	32.0	24.0	26.7	85	60	77	74	21	23	20	21	
2	0.0	0.0	0.0		3.0	2.7	32.0	15.0	23.0	22.8	31.6	25.0	26.5	93	56	80	77	22	22	21	22	
3	0.0	0.0	0.0		3.6	3.2	32.5	16.0	24.3	22.2	32.0	24.0	26.3	91	57	80	76	21	22	21	21	
4	0.0	0.0	0.0		4.0	3.7	32.5	16.2	24.4	22.0	32.0	25.2	26.4	93	60	77	77	21	23	21	22	
5	0.0	0.0	0.0		4.2	4.0	33.0	15.0	24.0	20.6	32.6	25.0	26.1	94	63	76	78	20	25	20	22	
6	0.0	0.0	0.0		4.4	4.3	33.5	16.4	25.0	23.0	33.0	26.0	27.3	89	67	73	77	21	26	21	23	
7	0.0	0.0	0.0		4.4	4.3	33.0	16.4	24.7	21.6	32.4	25.4	26.5	94	65	74	78	21	25	21	22	
8	0.0	8.7	8.7		7.7	7.4	32.5	17.0	24.8	25.0	32.0	24.6	27.2	92	61	79	77	24	24	21	23	
9	0.0	30.9	30.9		6.9	6.1	32.0	16.0	24.0	24.2	31.6	24.0	26.6	93	56	80	76	23	22	20	22	
10	0.0	2.6	2.6		2.6	2.6	30.0	15.4	22.7	20.8	29.0	24.0	24.6	90	94	75	89	20	20	19	23	
11	0.0	28.0	28.0		8.0	7.8	32.0	21.0	26.5	22.0	31.0	24.6	25.9	98	66	79	81	22	24	21	22	
12	0.0	28.0	28.0		5.8	5.0	30.0	21.0	25.5	23.0	29.0	24.2	25.4	96	81	78	85	22	25	20	23	
13	0.0	0.9	0.9		3.9	3.3	28.5	21.0	24.0	22.0	28.0	23.6	24.5	93	73	78	81	21	23	20	21	
14	0.0	0.0	0.0		2.0	1.5	27.5	21.0	24.3	22.2	27.0	24.0	24.4	95	77	75	82	21	23	19	21	
15	0.0	0.0	0.0		2.0	1.7	28.5	22.0	25.3	23.6	27.0	25.0	25.2	91	83	76	83	22	24	20	22	
16	0.0	0.0	0.0		2.8	2.4	32.0	21.0	26.5	23.4	31.6	25.6	26.9	88	62	74	75	21	24	21	22	
17	0.0	0.0	0.0		3.2	3.0	33.0	21.0	27.0	23.6	32.0	26.4	27.3	90	72	73	79	22	26	21	23	
18	0.0	0.0	0.0		3.2	3.1	34.0	22.0	28.0	23.4	33.0	26.0	27.5	93	71	76	80	22	27	21	24	
19	0.0	0.0	0.0		3.3	3.2	33.5	21.0	27.3	22.8	33.0	26.6	27.5	91	71	71	77	21	27	21	23	
20	0.0	0.0	0.0		3.2	3.1	34.0	20.0	27.0	23.8	33.0	26.2	27.7	91	67	72	77	22	26	21	23	
21	0.0	1.2	1.2		3.6	3.2	33.5	23.0	28.3	24.4	33.0	26.0	27.8	90	68	72	77	23	26	21	23	
22	0.0	0.0	0.0		3.0	2.8	33.5	21.0	27.3	22.8	33.0	26.2	27.3	93	71	72	78	22	27	21	23	
23	0.0	0.0	0.0		3.7	3.5	34.0	22.0	28.0	23.4	33.0	27.0	27.8	93	72	70	78	22	27	21	23	
24	0.0	0.0	0.0		3.5	3.5	33.5	22.0	27.8	25.0	33.0	26.2	28.1	90	69	72	77	23	27	21	24	
25	0.0	0.0	0.0		3.5	3.4	33.0	21.0	27.0	22.2	32.0	25.4	26.8	96	67	76	80	22	26	21	23	
26	0.0	32.7	32.7		0.7	0.0	32.5	19.0	25.0	21.0	32.0	24.0	25.7	93	63	83	79	20	24	21	22	
27	0.0	25.0	25.0		6.0	5.6	32.0	19.0	25.5	22.0	31.0	24.0	25.7	92	59	75	72	19	22	19	20	
28	0.0	16.0	16.0				31.0	19.0	25.0	20.2	29.0	23.6	24.3	90	71	78	82	20	23	20	21	
29	0.0	2.6	2.6		2.6	2.6	31.5	18.0	24.0	20.1	29.0	23.0	24.0	99	72	93	95	20	23	20	21	
30	0.0	46.3	46.3		5.3	4.3	31.5	20.0	25.0	24.4	30.0	23.0	25.8	88	66	74	76	22	23	18	21	
31	0.0	0.0	0.0		3.0	2.6	28.5	19.0	23.0	22.0	28.0	24.0	24.7	91	97	75	88	20	27	19	22	
TOT	0.0	260.7	260.7																			
PR0							32.0	19.2	25.6	22.7	31.2	24.9	26.3	92.3	68.9	75.9	79.1	21.4	24.6	20.4	22.2	
MAX	0.0	46.3	46.3		0.7	0.0	34.0	23.0	28.3	25.0	33.0	27.0	28.1	99.0	97.0	83.0	89.0	24.0	28.0	21.0	24.0	
MIN	0.0	0.0	0.0		2.0	1.5	27.5	15.0	22.7	20.1	27.0	23.0	24.0	82.0	56.0	70.0	72.0	19.0	22.0	18.0	20.0	

DIAS DE LLUVIA 13

MOD. JMML-26.12.83



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pao. No: 11  
 Fecha : 08/29/91  
 Hora : 13:12:25

REPORTE CLIMATOLOGICO DEL MES Jun AÑO 1989

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CL1 LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLUVIA			EVAPORACION			TEMP. EXTREMAS			TEMPERATURA DEL AIRE				HUMEDAD RELATIVA				PUNTO DE ROCIO			
	SHR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	SHR	14HR	20HR	PROM	SHR	14HR	20HR	PROM	SHR	14HR	20HR	PROM
1	0.0	0.0	0.0	2.5	2.0	31.5	19.0	25.3	20.6	31.0	25.0	25.5	94	66	76	79	20	24	20	21	
2	0.0	0.0	0.0	3.0	2.7	32.0	19.5	25.0	21.0	31.4	25.4	26.2	93	63	73	76	21	24	20	21	
3	0.0	0.0	0.0	3.6	3.1	32.5	20.0	26.3	22.6	32.0	26.0	26.9	91	66	72	76	21	25	21	22	
4	0.0	50.2	50.2	5.2	4.4	32.0	20.5	26.3	22.4	31.6	24.0	26.0	89	62	83	78	21	24	21	22	
5	0.0	16.7	16.7	4.7	4.1	30.5	20.0	25.3	22.0	30.0	24.2	25.4	95	69	78	81	21	24	20	22	
6	0.0	0.0	0.0	4.0	3.7	32.5	20.0	26.3	21.6	32.0	24.6	26.1	94	60	79	78	21	23	21	22	
7	0.0	0.0	0.0	3.6	3.4	32.0	21.5	26.0	23.6	31.6	24.0	26.7	90	67	71	76	22	25	19	22	
8	0.0	0.0	0.0	3.6	3.4	33.0	22.0	27.5	25.0	32.0	24.0	27.0	79	60	83	74	21	23	21	22	
9	0.0	0.0	0.0	3.4	3.0	33.0	22.0	27.5	24.2	32.0	25.0	27.1	93	66	83	81	23	25	22	23	
10	0.0	0.0	0.0	3.4	3.2	34.0	22.5	28.3	24.2	33.0	26.2	27.0	93	67	75	78	23	26	21	23	
11	0.0	0.0	0.0	3.3	3.2	34.0	22.0	28.0	23.6	33.0	26.0	27.5	90	68	78	78	22	26	22	23	
12	0.0	0.0	0.0	3.5	3.3	33.0	20.5	26.0	21.6	32.4	26.4	26.0	94	70	71	78	21	26	21	23	
13	0.0	0.0	0.0	3.4	3.3	34.0	21.0	27.5	23.0	33.0	26.2	27.4	96	69	68	78	22	27	20	23	
14	0.0	0.0	0.0	4.0	3.0	33.5	20.5	27.0	22.0	32.6	25.8	26.0	96	68	73	79	21	26	21	23	
15	0.0	0.0	0.0	4.2	4.1	33.0	20.0	26.5	22.0	32.0	26.0	26.9	96	69	76	81	21	26	21	23	
16	0.0	0.0	0.0	4.4	4.3	34.0	21.0	27.5	24.2	33.0	25.0	27.7	93	71	78	80	23	27	22	24	
17	0.0	0.0	0.0	4.6	4.5	32.5	20.0	26.3	22.0	32.0	25.6	26.5	95	72	82	83	21	26	22	23	
18	0.0	7.4	7.4	10.9	7.8	32.5	21.0	26.0	23.4	32.0	25.0	26.0	93	71	61	75	22	26	17	22	
19	0.0	0.0	0.0	4.0	3.7	32.0	22.0	27.0	24.4	31.0	26.0	27.1	91	69	76	79	23	24	21	23	
20	0.0	0.0	0.0	4.1	3.8	32.0	21.0	26.5	24.0	31.0	27.0	27.6	93	63	70	75	24	23	21	23	
21	0.0	0.0	0.0	4.4	4.3	32.0	20.5	26.3	22.0	31.0	25.6	26.2	96	66	74	79	21	24	21	22	
22	0.0	0.0	0.0	4.5	4.3	33.0	20.0	26.5	22.4	32.0	26.0	26.0	93	69	69	77	21	26	20	22	
23	0.0	0.0	0.0	4.5	4.3	34.0	22.4	28.2	22.4	33.0	26.2	27.2	89	69	72	77	21	27	21	23	
24	0.0	0.0	0.0	5.0	4.0	33.0	22.0	27.5	23.4	32.4	26.0	27.3	93	70	76	80	22	26	21	23	
25	0.0	25.6	25.6			33.5	22.5	28.0	22.0	33.0	24.0	26.6	90	71	78	82	23	27	20	23	
26	0.0	0.0	0.0	3.4	3.2	32.0	20.0	26.0	22.4	31.0	24.2	25.9	93	66	82	80	21	24	21	22	
27	0.0	0.0	0.0	3.6	3.3	32.5	21.5	27.0	22.2	31.8	25.0	26.3	96	62	85	81	22	24	22	23	
28	0.0	0.0	0.0	3.6		33.0	22.5	27.0	24.2	32.0	24.0	26.7	93	70	80	84	23	26	22	24	
29	0.0	0.0	0.0	4.0		30.0	23.0	26.5	23.6	29.0	25.0	26.5	87	74	61	74	23	24	17	21	
30	0.0	0.0	0.0	3.8		32.5	21.0	26.0	23.2	32.0	26.0	27.1	93	66	76	78	22	25	21	23	

TOT	0.0	107.9	107.9																			
PR0							32.6	21.0	26.9	23.0	31.9	25.4	26.7	92.6	67.3	75.6	78.5	21.0	25.1	20.7	22.5	
MAX	0.0	50.2	50.2	10.9	7.8	34.0	23.0	28.3	25.6	33.0	27.0	27.0	98.0	74.0	89.0	84.0	24.0	27.0	22.0	24.0		
MIN	0.0	0.0	0.0	2.5	2.0	30.0	19.0	25.3	20.6	29.0	24.0	25.4	79.0	60.0	61.0	74.0	20.0	23.0	17.0	21.0		

DIAS DE LLUVIA 4

MOD. JHLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 12  
 Fecha : 03/29/91  
 Hora : 13:12:29

REPORTE CLIMATOLOGICO DEL MES Jun + AGo 1989  
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CODIGO 8102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	DIREC. VIENTO		VELOCIDAD DEL VIENTO				VEL. VIENTO		NUBOSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA			
	8HR	14HR	20HR	MTS POR SEG. (3 MS)			MS/SEG (1M)		OCTAVOS				CAL/CM2/DIA		SOLAR		MILIBARES			
	8HR	14HR	20HR	8HR	14HR	20HR	PROM	PROM	0H	14H	20H	PROM	INTENSIDAD	HORAS	8HR	14HR	20HR	PROM		
1									2	4	4	3								
2								0.1	2	6	4	4								
3								0.1	0	4	2	2								
4								0.1	0	6	6	4								
5								0.1	0	6	6	4								
6								0.1	4	0	2	2								
7								0.1	0	4	0	1								
8								0.1	0	0	0	0								
9								0.1	6	4	2	4								
10								0.1	0	2	0	1								
11								0.1	2	4	6	4								
12								0.1	0	2	2	1								
13								0.1	0	0	0	0								
14								0.1	0	0	0	0								
15								0.1	0	0	0	0								
16								0.1	2	0	0	1								
17								0.1	0	4	2	2								
18								0.1	0	6	4	3								
19								0.1	0	6	6	4								
20								0.1	2	3	0	2								
21								0.1	4	4	4	4								
22								0.1	0	4	0	1								
23								0.1	0	4	0	4								
24								0.1	4	2	2	3								
25								0.1	6	4	0	6								
26								0.1	0	4	6	6								
27								0.1	4	0	6	3								
28								0.1	4	4	0	3								
29								0.1	0	0	6	5								
30								0.1	0	4	0	1								
TOT																				
PRO									1	3	2	2								
MAX								0.1	0	0	0	0								
MIN								0.1	0	0	0	0								

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INGRHI)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Fag. No: 13  
 Fecha : 08/29/91  
 Hora : 13:12:56

REPORTE CLIMATOLOGICO DEL MES Jul AÑO 1989

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLOVIA MILIMETROS			EVAPORACION MILIMETROS			TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO GDOS CENT			
	0HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM
1	0.0	0.0	0.0	4.0	33.0	23.0	28.0	24.0	32.0	26.4	27.5	93	72	78	81	23	26	22	24		
2	0.0	13.8	13.8	4.8	33.5	22.5	28.0	24.0	33.0	26.0	27.7	90	68	69	75	22	26	20	23		
3	0.0	15.7	15.7	7.0	32.5	19.0	25.8	21.4	32.0	24.4	25.9	87	72	83	81	19	26	21	22		
4	0.0	0.0	0.0	3.5	28.5	20.0	24.3	21.0	27.0	25.2	24.4	94	84	82	87	20	24	22	22		
5	0.0	0.0	0.0	3.7	32.5	19.0	25.8	22.8	32.0	26.0	26.9	86	72	76	78	20	26	21	23		
6	0.0	0.0	0.0		20.5			22.0				91				20					
7	0.0	0.0	0.0	3.0	32.0	19.0	25.5	22.6	31.0	24.0	26.1	95	67	80	81	22	25	20	22		
8	0.0	0.0	0.0	2.7	32.0	21.5	26.8	23.8	31.6	25.4	26.9	93	70	76	80	23	25	21	23		
9	0.0	7.7	7.7	7.7	33.0	22.0	27.5	23.8	32.6	24.2	26.9	95	72	90	85	23	27	22	24		
10	0.0	0.0	0.0	3.0	32.0	21.0	26.5	23.8	31.4	24.4	26.3	95	70	90	85	22	25	23	23		
11	0.0	0.0	0.0	3.5	32.5	21.0	26.8	23.6	32.0	24.0	26.5	86	72	91	83	21	26	23	23		
12	0.0	28.1	28.1		32.5	21.0	26.8	23.8	32.0	24.0	26.6	90	72	77	80	22	26	20	23		
13	0.0	31.7	31.7		32.0	21.0	26.5	24.0	31.0	24.0	26.3	83	72	78	78	21	25	20	22		
14	0.0	16.2	16.2	6.7	33.0	22.0	27.5	25.0	32.0	24.6	27.2	88	74	79	80	23	27	21	23		
15	0.0	0.0	0.0	3.0	33.0	23.0	28.0	25.0	32.6	25.4	27.7	93	72	80	82	24	27	22	24		
16	0.0	0.0	0.0	3.5	33.0	22.0	27.5	24.8	32.0	26.0	27.6	93	72	78	81	24	26	22	24		
17	0.0	0.0	0.0	4.0	33.5	22.0	27.8	22.8	33.0	26.4	27.4	96	73	75	81	22	28	22	24		
18	0.0	0.0	0.0	4.0	34.0	21.5	27.8	24.0	33.0	26.6	27.9	95	72	75	81	23	27	22	24		
19	0.0	1.6	1.6	3.6	33.0	21.5	27.3	24.0	32.4	25.0	27.1	93	70	82	82	23	26	22	24		
20	0.0	18.4	18.4	8.4	33.5	23.0	28.3	23.6	33.0	24.6	27.1	96	69	83	83	23	27	22	24		
21	0.0	0.0	0.0	3.0	32.0	21.5	26.8	24.0	31.6	25.0	26.9	93	73	83	84	23	27	22	24		
22	0.0	0.0	0.0	3.0	32.5	22.0	27.3	24.0	32.0	23.4	26.5	95	74	91	87	23	27	22	24		
23	0.0	0.0	0.0	3.5	32.0	21.5	26.8	23.6	31.6	25.2	26.8	86	68	82	79	21	25	22	23		
24	0.0	0.0	0.0	3.7	30.0	21.0	25.5	25.4	29.0	24.2	26.2	95	78	83	85	25	25	21	23		
25	0.0	0.5	0.5	4.5	32.5	22.0	27.3	22.8	32.0	24.6	26.5	98	72	83	85	23	25	22	24		
26	0.0	32.5	32.5	11.5	32.5	21.0	26.8	23.6	32.0	24.0	26.5	96	76	75	83	23	27	19	23		
27	0.0	0.0	0.0	2.5	32.0	21.0	26.5	23.4	31.0	24.0	26.4	96	66	77	80	23	24	21	22		
28	0.0	0.0	0.0	3.0	32.0	22.0	27.0	24.2	31.0	24.0	26.4	90	66	88	81	22	24	22	23		
29	0.0	0.0	0.0	3.3	32.5	21.5	27.0	23.8	32.0	26.0	27.0	93	72	76	81	22	26	21	23		
30	0.0	0.0	0.0	4.0	33.0	23.0	28.0	26.0	32.0	27.0	28.3	87	71	77	78	24	26	23	24		
31	0.0	0.0	0.0	4.0	30.0	22.5	26.3	23.0	29.0	26.0	26.0	92	79	76	85	23	25	21	23		
TOT	0.0	166.2	166.2																		
PRO							21.4		23.6			92.2				22.3					
MAX	0.0	32.5	32.5	11.5	34.0	23.0	28.3	26.0	33.0	27.0	28.3	98.0	84.0	91.0	87.0	25.0	28.0	23.0	24.0		
MIN	0.0	0.0	0.0	2.5	28.5	19.0	24.3	21.0	27.0	23.4	24.4	83.0	66.0	69.0	76.0	19.0	24.0	19.0	22.0		
DIAS DE LLOVIA			10																		

MOD. JMLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Paq. No: 14  
 Fecha : 08/29/91  
 Hora : 13:13:00

\* REPORTE CLIMATOLOGICO DEL MES Jul \* AÑO 1987 \*  
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CODIGO 0102 \* CUENCA MASACRE \* ESTACION DON MIGUEL  
 TIPO: CL1 \* LATITUD: 19 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO				NUBOSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA			
	8HR	14HR	20HR	MTS POR SEG. (3 MS)			PROM	MS/SEG (1M)			PROM	8H	14H	20H	PROM	INTENSIDAD	HORAS	8HR	14HR	20HR	PROM		
1								0.1				2	4	4	3								
2								0.1				2	4	8	5								
3								0.1				8	4	8	4								
4								0.1				2	6	6	5								
5								0.1				1	2	4	2								
6								0.1															
7	NE	NE	NW					0.1				0	1	8	3								
8	NE	NE	SE					0.1				4	6	4	5								
9	SE	NW	NE									2	2	8	4								
10	NW	NE	NE					0.1				4	6	4	5								
11	NW	NE	NE					0.1				2	4	4	3								
12	SE	SE	SE					0.1				0	2	6	3								
13	NE	NE	NW					0.1				0	4	4	3								
14								0.1				0	2	4	2								
15	SE	NW	NE					0.1				0	2	4	2								
16	NE	NW	NW									0	2	2	1								
17	NE	NE	NW									0	4	0	1								
18	NW	NW	SE					0.1				0	4	0	1								
19	SE	NE	SE					0.1				0	6	4	3								
20	SE	SE	NE					0.1				0	4	4	3								
21	SE	SE	SE					0.1				0	6	6	4								
22	SE	NE	SE					0.1				4	6	4	5								
23	NE	SE	NE					0.1				0	6	2	3								
24	SE	NE	SE					0.1				4	8	8	7								
25	SE	NW	SE					0.1				8	6	8	7								
26	SE	NE	SE					0.1				4	6	8	6								
27	SE	NE	NW					0.1				0	6	8	5								
28	NW	NW	NE					0.1				4	6	8	6								
29	SE	NE	NE					0.1				4	8	6	3								
30	NW	NW	SE					0.1				2	4	8	2								
31	SE	NE	NW					0.1				0	6	0	2								
TOT																							
PRO																							
MAX								0.1				8	8	8	7								
MIN								0.1				0	0	0	1								



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 15  
 Fecha : 23/29/91  
 Hora : 13:13:31

REPORTE CLIMATOLOGICO DEL MES Ago AÑO 1989

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLUVIA MILIMETROS			EVAPORACION MILIMETROS			TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO GDOS CENT				
	8HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	
1	0.0	0.0	0.0		4.2		32.0	22.0	27.0	23.6	31.0	26.0	26.9	90	75	78	81	22	26	22	23	
2	0.0	0.0	0.0		4.2		33.0	22.5	27.8	24.0	32.0	25.6	27.2	97	72	71	80	23	26	20	23	
3	0.0	0.0	0.0		4.3		33.5	22.5	28.0	25.2	33.0	25.0	27.7	90	68	83	81	23	26	22	24	
4	0.0	0.0	0.0		4.6		34.0	22.0	28.0	24.0	33.0	26.0	27.7	90	74	81	82	22	28	22	24	
5	0.0	0.0	0.0		4.6		33.5	22.5	28.0	24.0	32.4	27.0	27.8	90	75	77	81	22	27	23	24	
6	0.0	16.2	16.2				34.0	23.5	28.8	26.0	33.0	25.0	28.3	89	69	83	81	25	27	22	24	
7	0.0	0.0	0.0		3.6		33.5	22.0	27.8	24.0	32.4	24.6	27.0	91	70	79	80	23	26	21	23	
8	0.0	0.0	0.0		4.0		33.0	21.0	27.0	23.6	32.0	25.0	26.9	95	70	83	83	23	26	22	24	
9	0.0	0.0	0.0		4.2		32.5	22.0	27.3	24.0	32.0	26.4	27.5	97	72	75	81	23	26	22	24	
10	0.0	0.0	0.0		4.4		34.0	22.5	28.3	23.6	33.6	24.6	27.3	95	72	79	82	23	28	21	24	
11	0.0	0.0	0.0		4.4		33.5	22.5	28.0	25.0	32.4	25.0	27.5	95	56	83	78	24	22	22	23	
12	0.0	22.0	22.0				33.0	21.0	27.0	25.0	32.0	24.0	27.0	76	69	79	74	20	26	20	22	
13	0.0	0.0	0.0		3.0		32.5	22.0	27.3	23.0	32.0	24.0	26.3	96	66	77	80	22	25	20	22	
14	0.0	0.0	0.0		3.2		32.0	20.0	26.0	23.6	31.0	25.0	26.5	83	67	76	75	21	24	20	22	
15	0.0	0.0	0.0		3.6		32.5	22.0	27.3	23.0	32.0	24.6	26.5	95	72	85	84	22	26	22	23	
16	0.0	0.0	0.0		3.5		33.0	21.5	27.3	23.2	32.0	24.0	26.7	93	72	85	83	22	26	22	24	
17	0.0	4.2	4.2		6.2		34.0	22.0	28.0	23.4	33.0	23.4	26.6	93	71	88	84	22	27	21	23	
18	0.0	4.6	4.6		7.1		32.5	21.0	26.0	22.0	31.6	23.0	25.5	96	62	83	80	21	24	20	22	
19	0.0	54.4	54.4				32.5	21.5	27.0	24.0	31.4	23.0	26.1	90	70	83	81	22	25	20	22	
20	0.0	0.0	0.0		2.0		32.0	22.0	27.0	24.2	31.0	24.0	26.4	90	67	91	83	22	24	23	23	
21	0.0	0.0	0.0		3.2		32.5	21.0	26.0	25.0	32.0	25.0	27.3	92	63	76	77	24	24	20	23	
22	0.0	0.0	0.0		3.5		32.0	21.0	26.5	23.0	31.0	26.0	26.7	95	72	76	81	22	25	21	23	
23	0.0	6.0	6.0		6.0		32.0	21.5	26.0	24.4	31.4	24.0	26.6	91	66	83	80	23	24	21	23	
24	0.0	0.0	0.0		3.0		32.5	21.0	26.0	23.0	32.0	25.4	26.0	95	70	80	82	22	26	22	23	
25	0.0	32.0	32.0				32.0	22.0	27.0	23.2	31.0	24.0	26.1	95	66	86	82	22	24	22	23	
26	0.0	0.0	0.0		2.0		33.0	21.5	27.3	22.6	31.8	25.0	26.5	95	35	76	68	22	14	20	19	
27	0.0	0.0	0.0		3.0		32.5	21.0	26.0	23.0	31.6	27.0	27.2	95	71	70	78	22	26	21	23	
28	0.0	0.0	0.0		3.6		33.0	20.5	26.0	23.6	32.0	25.0	26.9	95	72	85	84	23	26	22	24	
29	0.0	0.0	0.0		3.0		33.5	21.0	27.3	23.4	32.6	26.0	27.3	96	69	76	81	23	26	21	23	
30	0.0	0.0	0.0		3.5		33.0	21.5	27.3	23.0	32.0	25.4	26.8	96	74	82	84	22	27	22	24	
31	0.0	0.0	0.0		4.0		32.5	20.0	26.3	22.0	32.0	26.0	26.7	98	71	79	83	22	26	22	23	
TOT	0.0	139.4	139.4																			
PR0							32.9	21.6	27.3	23.7	32.0	25.0	26.9	92.7	68.3	80.2	80.5	22.4	25.3	21.3	23.0	
MAX	0.0	54.4	54.4		7.1		34.0	23.5	28.0	26.0	33.6	27.0	28.3	98.0	75.0	91.0	84.0	25.0	28.0	23.0	24.0	
MIN	0.0	0.0	0.0		2.0		32.0	20.0	26.0	22.0	31.0	23.0	25.5	76.0	35.0	70.0	68.0	20.0	14.0	20.0	19.0	

DIAS DE LLUVIA 7

MOD. JMLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 16  
 Fecha : 03/29/91  
 Hora : 13:13:35

\* REPORTE CLIMATOLOGICO DEL MES Ago \* AÑO 1989 \*  
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CODIGO 0102 \* CUENCA MASACRE \* ESTACION DON MIGUEL  
 TIPO: CLI \* LATITUD: 19 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO			VEL. VIENTO	HUMEDAD			RADIACION	INSOLACION	PRESION ATMOSFERICA				
				MTS POR SEG. (3 MS)			MS/SEG (1M)	OCTAVOS			CAL/CM2/DIA	SOLAR	MILIBARES				
	8HR	14HR	20HR	8HR	14HR	20HR	PROM	8H	14H	20H	PROM	INTENSIDAD	HORAS	8HR	14HR	20HR	PROM
1	SE	NE	NE				0.1	0	6	4	3						
2	NW	NW	NE					0	4	6	3						
3	SE	NW	NE					2	0	4	2						
4	NW	NW	SE					2	0	0	1						
5	SE	NW	NE					0	2	0	3						
6	NW	NW	SE					0	1	4	2						
7	SE	NE	NW					0	4	6	3						
8	NW	SE	NE					2	2	6	3						
9	NE	NW	SE					0	4	4	3						
10	SE	NE	NW					0	4	6	3						
11	SE	NE	NW					2	2	2	2						
12	NW	NW	NE					0	4	0	4						
13	NE	NE	NW					2	4	0	5						
14	SE	NE	NE					0	6	6	4						
15	NW	SE	SE					0	4	6	3						
16	NE	NE	NW					2	4	2	3						
17	NW	NE	SE					0	4	0	4						
18	SE	NE	NW					2	6	4	4						
19	NE	NE	SE					0	4	6	3						
20	SE	SE	NW						4	0							
21	NW	NE	SE					4	4	2	3						
22	SE	NW	NW					0	6	0	2						
23	NE	NE	SE					0	6	0	5						
24	SE	NE	NW					2	4	4	3						
25	NW	NE	NE					0	6	0	5						
26	SE	SE	NW					0	2	0	3						
27	NE	NW	SE					0	4	2	2						
28	SE	SE	NW					0	4	4	3						
29	NE	NW	SE					0	2	0	1						
30	SE	SE	NE					0	6	2	3						
31	NE	NE	SE					0	2	0	1						
TOT																	
PRO									3	4							
MAX							0.1	4	6	0	5						
MIN							0.1	0	0	0	1						

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INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Paq. No: 17  
 Fecha : 08/29/91  
 Hora : 13:14:04

REPORTE CLIMATOLOGICO DEL MES Sep AÑO 1989

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLUVIA MILIMETROS			EVAPORACION MILIMETROS			TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO GDOS CENT				
	8HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	
1	0.0	0.0	0.0		4.2		34.0	20.5	27.3	22.0	33.0	26.4	27.4	93	73	75	80	22	20	22	24	
2	0.0	0.0	0.0		4.0		33.5	21.0	27.3	22.0	33.0	25.2	27.0	89	64	82	78	21	25	22	23	
3	0.0	15.5	15.5				33.0	20.0	26.5	22.0	32.0	25.0	26.3	91	66	76	70	20	25	20	22	
4	0.0	0.0	0.0		2.0		32.0	21.5	26.8	24.6	31.0	24.6	26.7	83	59	87	76	22	22	22	22	
5	0.0	0.0	0.0		2.0		32.0	22.5	27.3	24.0	31.4	25.0	26.0	91	65	79	78	23	24	21	22	
6	0.0	0.0	0.0		3.3		33.0	21.5	27.3	23.0	32.0	26.4	27.1	91	72	73	79	21	26	21	23	
7	0.0	0.0	0.0		3.6		33.5	21.5	27.5	24.0	33.0	25.2	27.7	85	73	79	79	22	20	21	24	
8	0.0	0.0	0.0		4.0		32.5	21.0	26.8	23.6	32.0	26.0	27.5	88	66	71	75	21	25	21	22	
9	0.0	0.0	0.0		4.0		34.0	22.0	28.0	24.2	33.0	27.0	28.1	95	50	77	74	23	21	23	22	
10	0.0	2.0	2.0		6.0		34.5	22.0	28.3	23.6	33.0	24.6	27.1	90	79	79	83	22	29	21	24	
11	0.0	0.0	0.0		4.2		33.5	20.0	26.8	22.0	33.0	25.0	26.9	86	73	83	81	20	20	22	23	
12	0.0	30.0	30.0				33.0	22.0	27.5	24.0	32.0	24.0	26.7	86	64	75	75	22	24	19	22	
13	0.0	0.0	0.0		3.0		32.0	21.0	26.5	22.0	31.0	24.0	25.9	95	72	77	81	21	25	21	22	
14	0.0	29.7	29.7		10.7		32.0	20.5	26.3	22.0	31.2	25.0	26.1	91	64	68	75	20	24	19	21	
15	0.0	9.6	9.6		0.2		32.5	20.0	26.3	22.0	32.0	24.0	26.0	93	57	67	72	21	22	18	20	
16	0.0	0.0	0.0		2.0		32.5	19.5	26.0	21.0	32.0	24.4	26.1	95	66	72	78	21	25	19	22	
17	0.0	0.0	0.0		2.4		32.0	20.0	26.0	24.6	31.0	25.6	27.3	95	64	79	79	23	24	22	23	
18	0.0	0.0	0.0		2.0		30.0	22.0	26.0	24.0	29.0	26.0	26.3	93	71	73	79	23	23	21	22	
19	0.0	0.0	0.0		3.2		32.0	21.0	26.5	22.0	31.0	25.4	26.1	95	72	65	77	21	25	18	22	
20	0.0	0.0	0.0		4.0		32.5	22.0	27.3	26.0	32.0	25.2	27.7	90	79	82	84	24	28	22	25	
21	0.0	0.0	0.0		3.6		33.0	22.0	27.5	25.0	32.6	26.0	27.9	93	82	79	85	24	29	22	25	
22	0.0	21.7	21.7		12.7		28.5	22.5	25.5	24.4	28.0	24.0	25.5	90	92	75	86	23	27	19	23	
23	0.0	24.5	24.5		9.5		32.0	20.5	26.3	22.0	31.0	24.2	25.7	91	66	66	74	20	24	17	21	
24	0.0	40.1	40.1		6.1		32.0	21.0	26.5	23.2	30.6	25.0	26.3	89	68	76	78	21	24	20	22	
25	0.0	22.6	22.6		5.6		31.5	20.5	26.0	21.4	30.0	24.0	25.1	90	67	75	80	21	23	19	21	
26	0.0	0.0	0.0		2.0		32.0	21.0	26.5	22.6	30.5	25.0	26.0	90	60	76	81	22	24	20	22	
27	0.0	0.0	0.0		3.0		32.0	20.0	26.0	23.6	31.0	26.6	27.1	95	60	72	78	23	24	21	23	
28	0.0	0.0	0.0		3.0		32.0	20.0	26.0	22.0	31.0	27.0	26.7	96	59	70	75	21	22	21	22	
29	0.0	4.9	4.9				32.5	20.0	26.3	24.2	32.0	25.0	27.1	90	79	76	81	22	28	20	24	
30	0.0	0.0	0.0		3.0		32.0	20.0	26.0	21.2	31.0	26.4	26.2	79	66	73	79	21	24	21	22	
TOT	0.0	200.6	200.6																			
PRO							32.4	21.0	26.7	23.2	31.5	25.3	26.7	91.7	68.8	75.2	78.6	21.7	25.0	20.5	22.5	
MAX	0.0	40.1	40.1		12.7		34.5	22.5	28.3	26.0	33.0	27.0	28.1	93.0	92.0	87.0	96.0	24.0	29.0	23.0	25.0	
MIN	0.0	0.0	0.0		2.0		28.5	19.5	25.5	21.2	28.0	24.0	25.1	83.0	50.0	65.0	72.0	20.0	21.0	17.0	20.0	

DIAS DE LLUVIA 10

MOD. JMLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 18  
 Fecha : 03/27/91  
 Hora : 13:14:08

\* REPORTE CLIMATOLOGICO DEL MES Sep & AÑO 1989 \*  
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CODIGO 0102 \* CUENCA NASACRE \* ESTACION DON MIGUEL  
 TIPO: CLI \* LATITUD: 17 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO				HUMEDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA					
	8HR	14HR	20HR	M/S POR SEG. (3 MS)			PROM	MS/SEG (1M)			PROM	OCTAVOS			INTENSIDAD	HORAS	SOLAR		MILIBARES		8HR	14HR	20HR	PROM	
1	NW	NE	SE									0	2	0	1										
2	SE	NW	NE									2	4	2	3										
3	SE	NE	NE									0	4	0	4										
4	NW	NW	NE									2	4	2	3										
5	NW	NE	NE									0	4	2	2										
6	SE	NW	SE									0	4	2	2										
7	NW	NE	NW									0	4	0	1										
8												0	4	6	3										
9	NE	NE	NW									3	2	6	4										
10	SE	NE	SW									2	6	0	5										
11	SE	NW	NE									2	4	0	5										
12	SE	NE	NE									2	4	0	5										
13												2	6	2	3										
14	SE	NW	SE									0	4	6	3										
15	SE	NE	NE									0	4	0	4										
16	NE	NE	SE									0	2	6	3										
17	SE	NW	NE									4	2	6	4										
18	NE	NW	NW									0	6	0	2										
19	NW	NE	SE									2	2	0	1										
20	SE	NE	SE									2	2	6	3										
21	NE	NE	NE									2	6	6	5										
22	NW	NW	SE									2	4	0	5										
23	SE	NE	SE									2	4	0	5										
24	SE	NW	NW									0	4	0	4										
25	NE	NE	NE									4	4	0	5										
26	SE	NW	NE									4	4	4	4										
27	NE	NW	NE									0	4	4	3										
28	NE	NW	SE									0	4	2	2										
29	SE	NE	NE									0	2	6	3										
30	NW	NE	NE									2	2	6	3										

TOT																									
PRO												1	3	4	3										
MAX												4	6	6	5										
MIN												0	2	0	1										

MOD. JMLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 19  
 Fecha : 08/29/91  
 Hora : 13:14:39

\* REPORTE CLIMATOLOGICO DEL MES Oct \* AÑO 1989 \*  
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CODIGO 0102 \* CUENCA MASACRE \* ESTACION DON MIGUEL  
 TIPO: CL1 \* LATITUD: 19 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	LLUVIA			EVAPORACION			TEMP. EXTREMAS			TEMPERATURA DEL AIRE				HUMEDAD RELATIVA				PUNTO DE ROCIO			
	0HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM
1	0.0	0.0	0.0	4.1	32.5	17.0	24.8	25.0	32.0	26.0	27.7	93	60	79	70	24	23	22	23		
2	0.0	2.1	2.1	4.1	32.5	19.0	25.8	23.6	32.0	26.6	27.4	90	66	72	76	22	25	21	23		
3	0.0	0.0	0.0	3.0	32.0	22.5	27.3	23.2	31.0	27.0	27.1	95	59	77	77	22	22	23	22		
4	0.0	0.0	0.0	3.0	32.0	20.0	26.0	22.4	30.6	25.0	26.0	80	69	83	80	20	24	22	22		
5	0.0	0.0	0.0	3.2	32.5	20.0	26.3	22.4	32.0	26.0	26.8	81	64	69	71	19	24	20	21		
6	0.0	0.0	0.0	3.4	33.0	21.0	27.0	23.4	32.0	25.4	26.9	80	66	77	77	21	25	21	22		
7	0.0	0.0	0.0	4.0	32.5	20.5	26.5	23.6	32.0	25.6	27.1	90	48	71	70	22	20	20	20		
8	0.0	0.0	0.0	4.2	32.0	19.0	25.5	22.8	31.8	27.0	27.2	93	50	70	71	22	20	21	21		
9	0.0	0.0	0.0	4.2	32.5	22.0	27.3	24.4	32.0	26.0	27.5	90	51	76	72	23	21	21	22		
10	0.0	0.0	0.0	4.5	33.0	21.0	27.0	22.8	32.0	25.0	26.6	89	54	76	73	21	22	20	21		
11	0.0	0.0	0.0	4.5	34.0	19.0	26.5	21.0	33.0	25.2	26.4	91	61	82	78	19	24	22	22		
12	0.0	0.0	0.0	4.6	33.5	19.0	26.3	24.0	33.0	25.0	27.3	80	67	83	79	22	26	22	23		
13	0.0	0.0	0.0	4.5	34.0	20.0	27.0	23.0	33.6	24.0	26.9	89	70	87	82	21	27	22	23		
14	0.0	0.0	0.0	4.4	34.0	19.0	26.5	23.0	33.5	24.0	26.9	91	64	83	79	21	26	21	23		
15	0.0	0.0	0.0	5.0	34.5	23.0	28.0	25.0	34.0	26.0	28.3	80	56	84	73	21	24	23	23		
16	0.0	9.4	9.4	7.4	33.0	22.0	27.5	25.0	31.5	25.0	27.2	83	69	92	81	22	25	24	24		
17	0.0	0.0	0.0	3.0	32.5	21.4	27.0	25.0	32.0	24.4	27.1	83	59	88	77	22	23	22	22		
18	0.0	6.5	6.5	6.5	32.5	20.0	26.3	22.4	31.0	24.0	25.8	96	56	75	76	22	21	19	21		
19	0.0	20.0	20.0	6.4	32.0	21.0	26.5	23.6	31.0	24.2	26.3	86	57	74	72	21	21	19	21		
20	0.0	18.2	18.2	4.2	32.0	21.0	26.5	23.0	30.4	24.0	25.8	95	54	83	77	22	20	21	21		
21	0.0	0.0	0.0	2.0	32.0	19.5	25.8	22.0	30.0	24.6	25.5	91	59	74	74	20	21	20	20		
22	0.0	0.0	0.0	2.5	31.5	19.0	25.3	23.0	30.0	23.6	25.5	91	59	86	79	21	21	21	21		
23	0.0	0.0	0.0	3.0	32.0	19.0	25.5	22.0	31.0	24.0	25.7	91	58	75	75	20	22	19	21		
24	0.0	0.0	0.0	3.0	32.0	18.5	25.3	22.2	30.0	24.0	25.7	84	65	77	75	19	23	21	21		
25	0.0	0.0	0.0	3.1	32.5	18.5	25.5	22.0	31.0	25.0	26.0	86	61	79	75	19	23	21	21		
26	0.0	0.0	0.0	3.0	33.0	19.0	26.0	23.0	32.0	24.6	26.5	91	60	71	74	21	23	19	21		
27	0.0	0.0	0.0	4.0	32.5	20.5	26.5	23.0	32.0	25.0	26.9	80	58	75	73	21	23	21	21		
28	0.0	50.0	50.0	4.5	32.0	21.5	26.0	24.0	30.0	24.0	26.0	91	64	75	77	23	22	19	21		
29	0.0	14.4	14.4	5.4	31.0	19.5	25.3	22.4	30.0	24.2	25.5	95	59	82	78	21	21	21	21		
30	0.0	2.1	2.1	5.4	31.5	20.0	25.8	23.0	30.5	23.0	25.5	91	61	83	78	21	22	20	21		
31	0.0	0.0	0.0	2.1	31.5	20.0	25.8	22.0	31.0	25.0	26.0	90	66	76	80	22	24	20	22		
TOT	0.0	130.7	130.7	126.2	32.5	20.1	26.3	23.1	31.5	25.0	26.5	89.5	60.3	78.5	76.0	21.2	22.8	20.9	21.6		
MAX	0.0	50.0	50.0	7.4	34.5	23.0	28.0	25.0	34.0	27.0	29.3	98.0	70.0	92.0	92.0	24.0	27.0	24.0	24.0		
MIN	0.0	0.0	0.0	2.0	31.0	17.0	24.0	21.0	30.0	23.0	25.5	80.0	48.0	69.0	70.0	19.0	20.0	19.0	20.0		

DIAS DE LLUVIA 8

NOO. JHLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 20  
 Fecha : 08/29/91  
 Hora : 13:14:43

¡ REPORTE CLIMATOLOGICO DEL MES Oct ¡ AÑO 1989 ¡  
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CODIGO 0102    ¡ CUENCA MASACRE                    ¡ ESTACION DON MIGUEL  
 TIPO: CLI    ¡ LATITUD: 19 30 10    ¡ LONGITUD: 71 40 40    ¡ ELEVACION:    45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO		NUBOSIDAD				RADIACION	INSOLACION	PRESION ATMOSFERICA					
	8HR	14HR	20HR	MTS POR SEG. (3 MS)			OCTAVOS		CAL/CM2/DIA		SOLAR	MILIBARES					
				8HR	14HR	20HR	PROM	8H	14H	20H	PROM	INTENSIDAD	HORAS	8HR	14HR	20HR	PROM
1	SE	NW	NE					0	2	2	1						
2								0	4	0	4						
3	NE	NE	SE					0	4	2	2						
4	SE	NE	SE					0	4	2	2						
5	NE	NE	NW					0	4	0	4						
6								2	2	4	3						
7	NE	NE	NE					0	4	2	2						
8								0	4	6	3						
9	SE	NW	SE					0	2	6	3						
10								0	4	0	4						
11	SE	NE	NW					0	0	0	0						
12	NW	NW	NE					0	4	0	1						
13	SE	NE	NW					4	6	0	3						
14	SE	NE	NE					0	4	4	3						
15	NW	NE	NE					0	4	6	3						
16	NE	NW	NE					0	6	6	4						
17	NE	NE	NW					0	4	2	2						
18	NW	SE	NE					0	6	0	5						
19	NE	NW	SE					4	4	0	5						
20	NE	NW	NE					4	6	0	6						
21	NW	NW	SE					0	4	6	3						
22	SE	NE	NW					4	4	6	5						
23	NW	NW	NE					0	6	4	3						
24	NE	NW	NW					0	4	2	2						
25	SE	NW	NW					2	4	6	4						
26	NE	NW	SE					0	6	6	4						
27	SE	NE	SE					4	6	6	5						
28	SE	SE	SE					0	4	0	7						
29	SE	NW	SE					0	6	0	7						
30								4	6	0	6						
31	NE	NW	SE					2	4	6	4						
TOT																	
PRO								1	4	4	3						
MAX								0	6	6	7						
MIN								0	0	0	0						

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 21  
 Fecha : 03/27/91  
 Hora : 13:15:13

REPORTE CLIMATOLOGICO DEL MES Nov AÑO 1989

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLUVIA			EVAPORACION			TEMP. EXTREMAS			TEMPERATURA DEL AIRE				HUMEDAD RELATIVA				PUNTO DE ROCIO			
	SHR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM
1	0.0	0.0	0.0	2.2	31.0	18.0	24.5	25.0	30.0	23.4	26.1	92	59	80	77	24	21	20	21		
2	0.0	0.0	0.0	3.0	32.0	19.0	25.5	22.0	31.0	23.6	25.5	98	66	86	83	22	24	21	22		
3	0.0	0.0	0.0	2.0	31.5	18.0	24.8	21.0	31.0	24.8	25.3	96	59	75	77	20	22	19	21		
4	0.0	0.0	0.0	3.0	32.0	17.0	24.5	20.4	31.0	25.0	25.5	96	66	76	79	20	24	20	21		
5	0.0	0.0	0.0	3.0	31.0	20.0	25.5	23.0	30.0	24.0	25.7	91	59	83	78	21	21	21	21		
6	0.0	0.0	0.0	2.5	32.0	18.0	25.0	24.2	31.0	24.6	26.6	97	59	79	78	24	22	21	22		
7	0.0	0.0	0.0	2.7	32.5	16.0	24.3	20.4	32.0	24.0	25.5	96	60	75	77	20	23	19	21		
8	0.0	0.0	0.0	3.0	31.0	18.0	24.5	20.0	30.0	24.2	24.7	94	61	66	74	19	22	17	19		
9	0.0	15.0	15.0	0.0	31.5	16.5	24.0	22.0	31.0	24.0	25.7	96	59	75	77	21	22	19	21		
10	0.0	4.7	4.7	4.7	31.0	19.5	25.3	21.4	30.0	23.6	25.0	96	59	70	75	21	21	18	20		
11	0.0	1.7	1.7	3.7	32.0	18.0	25.0	21.4	31.0	26.0	26.1	93	66	76	78	20	24	21	22		
12	0.0	0.0	0.0	2.0	31.0	19.0	24.5	20.0	30.0	25.2	25.1	98	65	74	79	20	23	20	21		
13	0.0	0.0	0.0	2.6	31.5	17.0	24.3	22.0	31.0	24.6	25.9	91	57	82	77	20	21	21	21		
14	0.0	0.0	0.0	3.0	30.5	18.0	24.3	20.4	29.0	24.2	24.5	96	64	74	78	20	22	19	20		
15	0.0	0.0	0.0	3.0	31.0	17.0	24.0	19.6	30.0	25.0	24.9	94	56	76	75	19	20	20	20		
16	0.0	0.0	0.0	3.2	32.0	17.0	24.5	21.0	31.0	24.0	25.3	96	54	83	78	20	20	21	21		
17	0.0	0.0	0.0	3.0	32.0	18.0	25.0	20.0	31.0	24.2	25.1	96	59	77	77	19	22	20	20		
18	0.0	0.0	0.0	3.4	30.0	18.0	24.0	21.2	29.0	25.6	25.3	98	64	71	78	21	22	20	21		
19	0.0	0.0	0.0	3.0	32.0	18.0	25.0	21.0	31.2	25.0	25.7	96	64	76	79	20	24	23	21		
20	0.0	0.0	0.0	3.6	31.5	19.0	25.3	20.2	31.0	26.0	25.7	96	72	76	81	20	25	21	22		
21	0.0	0.0	0.0	3.5	32.0	18.0	25.0	23.6	31.6	26.6	27.3	83	68	72	75	21	25	21	22		
22	0.0	0.0	0.0	3.3	32.0	21.0	26.5	23.0	31.4	25.2	26.8	86	67	74	75	21	25	20	22		
23	0.0	4.4	4.4	6.4	32.5	19.0	25.0	20.0	31.0	26.0	25.9	94	72	69	78	20	25	20	22		
24	0.0	2.0	2.0	4.4	30.5	20.0	25.3	23.0	30.0	24.2	25.7	91	64	74	76	21	22	19	21		
25	0.0	0.0	0.0	3.0	32.0	20.0	26.0	23.2	31.0	24.2	26.1	93	66	82	80	22	24	21	22		
26	0.0	0.0	0.0	3.4	32.0	19.0	25.5	21.0	31.4	25.0	25.1	93	57	76	75	21	22	20	21		
27	0.0	0.0	0.0	4.0	32.5	19.0	25.0	22.2	31.2	24.6	26.0	96	55	79	77	22	21	21	21		
28	0.0	0.0	0.0	4.2	32.0	17.5	24.0	21.0	31.0	25.4	25.8	91	66	73	76	19	24	20	21		
29	0.0	0.0	0.0	4.2	33.0	18.5	25.0	21.0	32.0	26.0	26.3	96	72	73	81	20	26	21	23		
30	0.0	0.0	0.0	4.4	32.0	18.0	25.0	21.0	31.0	25.8	25.9	91	66	70	75	19	24	20	21		

TOT	0.0	28.6	28.6	107.0																	
PRC					31.7	18.3	25.0	21.6	30.0	24.8	25.7	94.0	62.7	75.7	77.4	20.6	22.8	20.0	21.1		
MAX	0.0	15.0	15.0	0.0	33.0	21.0	26.5	25.0	32.0	26.6	27.3	98.0	72.0	86.0	83.0	24.0	26.0	21.0	23.0		
MIN	0.0	0.0	0.0	2.0	30.0	16.0	24.0	19.6	29.0	23.4	24.5	83.0	54.0	66.0	74.0	19.0	20.0	17.0	19.0		

DIAS DE LLUVIA 5

MOD. JHLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 22  
 Fecha : 08/29/91  
 Hora : 13:15:17

\* REPORTE CLIMATOLOGICO DEL MES Nov \* AÑO 1989 \*  
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CODIGO 0102 \* CUENCA MASACRE \* ESTACION DON MIGUEL  
 TIPO: CLI \* LATITUD: 19 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO			NUBOSIDAD			RADIACION	INSOLACION	PRESION ATMOSFERICA								
	8HR	14HR	20HR	MTS POR SEG. (3 MS)			PRON	MS/SEG (1M)		PRON	OCTAVOS		SH	14H	20H	PRON	CAL/CM2/DIA	SOLAR	HORAS	8HR	14HR	20HR	PRON	
1	SE	NW	NW										0	6	4	6								
2	NW	NE	SE										0	4	2	5								
3	SE	NW	NE										0	4	0	1								
4	NE	NE	NW										0	4	2	2								
5	SE	NE	NE										2	6	6	5								
6	NW	NW	SE										0	4	0	7								
7	SE	NW	SE										0	4	0	1								
8	SE	NE	NE										0	6	2	3								
9	NE	NE	SE										0	4	6	3								
10	SE	NE	NW										2	6	0	5								
11	NW	SE	NE										0	4	0	4								
12	NE	NW	SE										2	4	4	3								
13	SE	NE	NE										0	4	4	3								
14	NW	NE	SE										0	2	0	1								
15	SE	NE	SE										0	6	0	2								
16	NW	NE	SE										0	4	0	1								
17	SE	NE	SE										0	4	0	1								
18	SE	NW	NE										0	6	4	3								
19	NW	NE	NE										0	2	2	1								
20	SE	NE	NE										2	6	4	4								
21	SE	NE	SE										0	4	4	3								
22	SE	NW	NW										6	6	6	6								
23	NW	NE	SE										2	4	0	5								
24	SE	NW	NE										4	0	0	7								
25	SE	NE	SE										4	2	3	3								
26	SE	NW	NE										0	4	4	3								
27	SE	NE	NW										4	2	0	2								
28	NW	SE	NE										0	4	0	1								
29	NE	NE	SE										0	0	0	0								
30	SE	NE	SW										0	4	4	3								

TOT																								
PRO													1	4	3	3								
MAX													0	0	0	7								
MIN													0	0	0	0								

MOD. JMLL-26.12.83



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INGRH)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 22  
 Fecha : 29/12/91  
 Hora : 13:15:47

¡ REPORTE CLIMATOLOGICO DEL MES Dic ¡ AÑO 1989 ¡

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CODIGO 0102    ¡ CUENCA MASACRE                    ¡ ESTACION DON MIGUEL  
 TIPO: CLI    ¡ LATITUD: 19 30 10    ¡ LONGITUD: 71 40 40    ¡ ELEVACION: 45

DIA	LLUVIA			EVAPORACION			TEMP. EXTREMAS			TEMPERATURA DEL AIRE				HUMEDAD RELATIVA				PUNTO DE ROCIO			
	MILIMETROS			MILIMETROS			GRADOS CENT.			GRADOS CENT.				PORCIENTO				GRADOS CENT			
	0HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM
1	0.0	0.0	0.0	4.0	32.0	18.0	25.0	22.0	31.4	26.0	26.5	86	63	76	75	19	24	21	22		
2	0.0	0.0	0.0	3.8	32.5	19.0	25.8	22.2	32.0	25.0	26.4	89	72	79	80	20	26	21	23		
3	0.0	0.0	0.0	4.0	33.0	18.0	25.5	21.8	32.6	26.2	26.9	93	69	75	79	21	26	21	23		
4	0.0	5.7	5.7	5.7	30.0	19.0	24.5	21.0	29.0	25.2	25.1	93	64	71	76	20	22	20	20		
5	0.0	0.0	0.0	1.5	28.5	18.0	23.3	23.0	28.0	25.0	25.3	98	85	71	85	23	25	19	22		
6	0.0	0.0	0.0	2.0	32.0	19.0	25.5	23.0	31.0	25.6	26.5	93	63	71	76	22	23	20	22		
7	0.0	0.0	0.0	2.7	32.0	19.0	25.5	23.8	26.0	23.0	24.3	90	100	84	91	22	26	20	23		
8	0.0	0.0	0.0	3.0	32.5	19.0	25.8	23.8	32.0	24.6	26.8	80	66	79	78	22	25	21	22		
9	0.0	0.0	0.0	3.4	32.0	18.0	25.0	21.0	31.0	25.0	25.7	96	59	76	77	20	22	20	21		
10	0.0	0.0	0.0	4.0	32.5	19.5	26.0	23.6	32.0	26.0	27.2	95	63	76	78	23	24	21	23		
11	0.0	0.0	0.0	3.8	30.0	19.5	24.8	24.4	29.0	24.6	26.0	91	64	71	75	23	22	19	21		
12	0.0	0.0	0.0	3.5	28.5	20.0	24.3	23.2	27.0	25.0	25.1	89	77	83	83	21	23	22	22		
13	0.0	0.0	0.0	3.0	32.0	19.0	25.5	20.4	31.0	25.4	25.6	96	66	77	80	20	24	21	22		
14	0.0	0.0	0.0	3.4	31.5	18.0	24.8	21.2	30.0	24.0	25.1	89	61	75	75	19	22	19	20		
15	0.0	0.0	0.0	3.8	30.5	18.5	24.5	21.6	30.0	25.0	25.5	94	71	76	81	21	24	20	22		
16	0.0	0.0	0.0	3.1	30.0	18.0	24.0	21.6	29.0	24.0	24.9	94	71	75	80	21	23	19	21		
17	0.0	0.0	0.0	3.3	32.0	17.0	24.5	19.6	31.0	24.6	25.1	94	66	79	79	19	24	21	21		
18	0.0	0.0	0.0	3.4	31.5	17.0	24.3	20.0	31.0	25.2	25.4	92	54	67	71	19	20	19	19		
19	0.0	0.0	0.0	3.4	32.0	18.0	25.0	20.4	31.0	23.6	25.0	91	59	70	73	19	22	18	20		
20	0.0	0.0	0.0	3.3	32.5	18.5	25.5	21.4	32.0	24.2	25.9	91	60	74	75	20	23	19	21		
21	0.0	0.0	0.0	3.5	32.5	18.0	25.3	20.4	32.0	26.0	26.1	87	54	76	73	18	22	21	20		
22	0.0	0.0	0.0	3.7	30.0	18.0	24.0	21.2	29.6	25.4	25.4	91	74	73	79	20	24	20	21		
23	0.0	0.0	0.0	3.6	32.0	15.0	23.5	19.0	31.0	24.6	24.9	84	59	71	72	16	22	19	19		
24	0.0	0.0	25.2	6.2	32.5	16.0	24.3	20.0	32.0	24.4	25.5	67	60	80	69	14	23	21	19		
25	25.2	2.0	2.0	2.0	32.5	17.0	24.8	20.0	32.0	20.0	24.0	92	32	90	72	19	13	18	17		
26	0.0	0.0	23.5	0.5	24.0	20.0	22.0	22.0	23.0	21.0	22.0	91	89	82	87	20	21	18	20		
27	23.5	34.4	34.4		23.5	18.0	23.8	20.8	23.0	22.0	21.9	94	91	82	89	20	21	19	20		
28	0.0	0.0	0.0	1.5	25.0	19.0	21.5	21.0	24.0	23.0	22.7	93	83	83	86	20	21	20	20		
29	0.0	0.0	0.0	1.5	29.0	19.0	23.0	20.0	24.0	24.0	22.7	90	91	93	86	18	23	21	21		
30	0.0	0.0	0.0	2.0	30.0	17.0	23.5	20.2	29.0	24.2	24.5	92	64	74	77	19	22	19	20		
31	0.0			2.0	29.0	17.0	23.0	19.0	23.0	24.6	23.9	96	66	79	80	18	21	21	20		

TOT	48.7	20.3																				
PROM					30.5	18.1	24.3	21.4	29.5	24.4	25.1	90.9	68.3	76.7	78.7	19.9	22.7	19.9	20.9			
MAX	25.2	34.4	34.4	6.2	33.0	20.0	26.0	24.4	32.6	26.2	27.2	98.0	100.0	90.0	91.0	23.0	26.0	22.0	25.0			
MIN	0.0	0.0	0.0	0.5	23.5	15.0	20.0	19.0	23.0	20.0	21.9	67.0	32.0	67.0	69.0	14.0	13.0	18.0	17.0			

DIAS DE LLUVIA

MOD. JNLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 24  
 Fecha : 08/29/91  
 Hora : 13:15:51

REPORTE CLIMATOLOGICO DEL MES Dic AÑO 1989

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO				NUBOSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA			
	DIR.			MTS POR SEG. (3 MS)				MS/SEG (1M)				OCTAVOS				CAL/CM2/DIA		SOLAR		MILIBARES			
	8HR	14HR	20HR	8HR	14HR	20HR	PRON	PRON	8H	14H	20H	PRON	INTENSIDAD	HORAS	8HR	14HR	20HR	PRON					
1	NE	NW	SE						0	2	0	1											
2	SE	NE	NW						0	2	0	1											
3	NE	NW	SE						0	4	6	3											
4	SE	SE	NE						4	8	8	7											
5	NE	NE	SE						0	0	0	0											
6	SE	NE	NW						2	2	2	2											
7	SE	NE	NW						0	4	0	1											
8	NW	NW	NE						4	2	0	2											
9	NE	NE	SE						2	4	0	2											
10	SE	NE	NW						4	4	4	4											
11	SE	NE	NE						4	0	0	7											
12	NE	NW	NW						0	0	0	5											
13	NW	NW	SE						4	4	4	4											
14	SE	SE	NW						4	6	4	5											
15	NW	NW	NE						0	6	6	4											
16	NE	NW	SE						4	4	2	3											
17	SE	NE	NW						0	2	0	1											
18	NE	NE	SE						0	2	0	1											
19	NE	NE	SE						0	4	0	1											
20	SE	NE	SE						4	2	0	2											
21	SE	NE	NW						2	2	2	2											
22	NW	NE	SE						4	6	0	3											
23	SE	NW	SE						0	2	0	1											
24	SE	NW	NW						0	0	0	3											
25	NW	NE	NE						0	0	0	0											
26	NE	NE	NW						6	6	0	7											
27	NW	NE	NE						0	0	0	0											
28	NE	NW	SE						0	4	4	3											
29	SE	NW	SE						0	6	6	4											
30	SE	NE	NE						0	4	6	3											
31	NW	NW	SE						0	6	4	3											
TOT																							
PRO									2	4	3	3											
MAX									0	0	0	0											
MIN									0	0	0	1											

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 25  
 Fecha : 09/29/91  
 Hora : 13:16:22

† REPORTE CLIMATOLOGICO DEL MES Ene † AÑO 1990 †

CODIGO 0102 † CUENCA MASACRE † ESTACION DON MIGUEL  
 TIPO: CLI † LATITUD: 19 30 10 † LONGITUD: 71 48 40 † ELEVACION: 45

DIA	LLUVIA MILIMETROS			EVAPORACION MILIMETROS			TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO GDOS CENT			
	0HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM
1	0.0	2.4	2.4	2.4	31.0	16.0	23.5	21.0	30.0	25.0	25.3	91	59	76	75	19	21	20	20		
2	0.0	15.0	15.0	3.0	30.0	16.5	23.3	19.0	29.0	24.0	24.0	95	62	83	80	18	21	21	20		
3	0.0	0.0	0.0	1.5	29.5	16.5	23.0	19.4	28.0	25.0	24.1	96	66	79	80	19	21	21	20		
4	0.0	0.0	0.0	2.0	30.0	17.0	23.5	19.0	29.0	24.0	24.0	96	64	83	81	18	22	21	20		
5	0.0	0.0	0.0	2.4	30.5	15.5	23.0	18.2	30.0	23.6	23.9	98	60	78	79	18	21	20	20		
6	0.0	0.0	0.0	2.0	30.0	16.0	23.0	18.0	29.0	24.0	23.7	94	63	67	75	17	21	18	19		
7	0.0	0.0	0.0	2.3	31.0	14.0	22.5	18.0	30.0	23.0	23.7	96	59	74	76	17	21	18	19		
8	0.0	0.0	0.0	2.3	30.0	14.5	22.3	19.0	28.6	23.4	23.7	92	64	64	73	18	21	16	18		
9	0.0	0.0	0.0	2.2	31.5	17.0	24.3	21.0	31.0	24.0	25.3	91	59	67	72	19	22	18	20		
10	0.0	0.0	0.0	2.0	31.5	16.0	23.8	19.0	31.0	24.8	24.7	92	66	75	78	18	24	19	20		
11	0.0	0.0	0.0	2.5	32.0	16.0	24.0	21.0	31.6	25.0	25.9	96	62	76	78	20	24	20	21		
12	0.0	0.0	0.0	2.6	31.5	19.0	25.3	21.0	31.0	25.4	25.8	94	57	80	77	20	21	22	21		
13	0.0	0.0	0.0	2.8	32.0	19.5	25.8	20.6	31.6	25.0	25.7	94	54	79	76	20	21	21	21		
14	0.0	0.0	0.0	3.0	31.0	15.5	23.3	22.8	30.0	24.2	25.4	95	59	74	76	21	21	19	20		
15	0.0	0.0	0.0	3.0	30.5	16.0	23.3	19.0	30.0	24.0	24.3	96	55	67	73	18	20	13	19		
16	0.0	2.4	2.4	4.4	30.0	16.0	23.0	19.6	29.0	24.2	24.3	94	58	66	73	19	20	17	19		
17	0.0	0.0	0.0	2.4	29.0	17.0	23.0	21.0	28.0	23.0	24.0	91	63	67	74	19	20	16	19		
18	0.0	0.0	0.0	2.4	30.0	16.0	23.0	17.0	29.0	23.2	23.1	92	63	60	74	16	21	17	18		
19	0.0	0.0	0.0	3.0	30.5	15.0	22.8	20.0	29.0	24.0	24.3	87	62	67	72	18	21	18	19		
20	0.0	0.0	0.0	3.4	29.0	18.0	23.5	20.2	27.6	24.4	24.1	92	66	72	77	19	21	19	20		
21	0.0	0.0	0.0	3.3	30.0	15.0	22.5	21.0	28.6	25.0	24.9	91	67	68	75	19	22	19	20		
22	0.0	0.0	0.0	3.7	31.0	16.0	23.5	18.0	30.0	25.0	24.3	90	65	76	77	16	23	20	20		
23	0.0	0.0	0.0	4.0	32.0	15.0	23.5	18.2	31.0	25.0	24.7	88	66	68	74	16	24	19	20		
24	0.0	0.0	0.0	4.0	30.0	14.5	22.3	18.4	29.0	25.4	24.3	86	69	58	71	16	23	17	19		
25	0.0	0.0	0.0	4.2	31.5	16.0	23.0	19.0	31.0	26.2	25.4	96	66	61	74	18	24	18	20		
26	0.0	0.0	0.0	4.0	30.0	15.5	22.8	21.0	29.0	26.0	25.3	91	64	69	75	19	22	20	20		
27	0.0	0.0	0.0	4.0	31.0	18.0	24.5	23.0	30.0	25.0	25.0	99	65	68	74	21	23	19	21		
28	0.0	0.0	0.0	4.0	30.5	15.5	23.0	18.6	30.0	24.0	24.2	94	62	60	72	18	22	16	18		
29	0.0	0.0	0.0	3.9	31.0	15.0	23.0	18.0	30.0	24.6	24.2	96	65	63	75	17	23	17	19		
30	0.0	0.0	0.0	4.0	32.0	13.0	22.5	20.4	31.0	25.0	25.5	87	66	61	71	18	24	17	20		
31	0.0	0.0	0.0	4.0	32.5	17.5	25.0	20.0	32.0	24.6	25.5	81	60	56	66	17	23	15	18		
TOT	0.0	19.8	19.8	94.7	30.7	16.1	23.4	19.6	29.8	24.5	24.6	92.3	62.5	70.0	74.9	18.3	21.9	18.6	19.6		
PRO					32.5	19.5	25.8	23.0	32.0	26.2	26.0	98.0	69.0	83.0	81.0	21.0	24.0	22.0	21.0		
MAX	0.0	15.0	15.0	4.4																	
MIN	0.0	0.0	0.0	1.5																	
DIAS DE LLUVIA			3																		



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INBRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

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 Fecha : 08/29/91  
 Hora : 13:16:54

! REPORTE CLIMATOLOGICO DEL MES Feb ! AÑO 1990 !  
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CODIGO 0102 ! CUENCA MASACRE ! ESTACION DON MIGUEL  
 TIPO: CLI ! LATITUD: 19 30 10 ! LONGITUD: 71 40 40 ! ELEVACION: 45

DIA	!!! LLUVIA !!!			! EVAPORACION !			TEMP. EXTREMAS			TEMPERATURA DEL AIRE				HUMEDAD RELATIVA				PUNTO DE ROCIO			
	BHR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM
1	0.0	0.0	0.0	4.4	31.5	15.0	23.3	21.6	31.0	24.4	25.7	94	62	72	76	21	23	19	21		
2	0.0	0.0	0.0	4.0	30.0	16.5	23.3	22.0	29.0	25.2	25.7	79	78	67	75	19	25	19	21		
3	0.0	0.0	0.0	4.3	31.0	15.0	23.0	18.6	30.0	25.4	24.7	86	65	65	72	16	23	18	19		
4	0.0	0.0	0.0	4.2	29.0	14.5	21.0	18.0	28.0	24.6	23.8	86	73	63	74	16	23	17	19		
5	0.0	0.0	0.0	4.0	32.0	15.5	23.0	20.8	31.0	24.2	25.3	85	66	59	70	18	24	16	19		
6	0.0	0.0	0.0	4.3	30.0	17.0	23.5	21.0	29.0	26.0	25.3	85	74	69	76	18	24	20	21		
7	0.0	0.0	0.0	4.0	27.5	17.0	22.3	20.0	27.0	22.0	23.3	89	63	62	70	19	19	19	19		
8	0.0	0.0	0.0	4.2	28.5	14.5	21.5	19.0	27.0	23.0	23.0	89	70	67	75	17	21	16	18		
9	0.0	0.0	0.0	4.1	31.5	15.5	23.5	17.4	30.0	24.2	23.9	96	60	66	74	17	21	17	19		
10	0.0	0.0	0.0	4.3	32.0	15.5	23.0	16.8	31.0	25.0	24.3	94	59	76	76	16	22	20	19		
11	0.0	0.0	0.0	4.4	31.5	15.0	23.3	21.6	31.0	24.4	25.7	94	62	72	76	21	23	19	21		
12	0.0	0.0	0.0	4.5	33.5	10.0	25.0	21.0	33.0	24.2	26.1	93	50	92	75	20	21	21	21		
13	0.0	0.0	0.0	3.7	27.0	19.5	23.3	20.4	24.0	23.0	22.5	96	91	83	90	20	23	20	21		
14	0.0	0.0	0.0	3.9	27.5	20.0	23.0	21.6	24.2	23.4	23.1	123	90	64	92	25	22	16	21		
15	0.0	0.0	0.0	4.0	31.5	16.5	24.0	18.6	31.0	24.0	24.5	94	54	75	74	18	20	19	19		
16	0.0	0.0	0.0	4.1	31.0	14.0	22.5	17.0	30.0	24.2	23.7	94	55	59	69	16	20	16	17		
17	0.0	0.0	0.0	4.3	32.0	14.0	23.0	17.0	31.0	23.6	23.9	94	59	65	73	16	22	17	18		
18	0.0	0.0	0.0	4.3	31.5	13.5	22.5	17.6	31.0	23.4	24.0	94	54	72	73	17	20	18	18		
19	0.0	0.0	0.0	4.5	32.0	15.5	23.0	19.6	31.0	24.0	24.5	94	59	64	73	18	22	17	19		
20	0.0	0.0	0.0	4.5	32.5	15.0	24.3	20.0	32.0	24.6	25.5	89	60	63	71	18	23	17	20		
21	0.0	0.0	0.0	4.4	31.5	17.0	24.3	20.0	31.0	24.0	25.0	90	54	67	70	18	20	18	19		
22	0.0	0.0	0.0	4.6	32.0	14.0	23.0	16.4	31.0	25.0	24.1	92	54	60	71	15	20	19	18		
23	0.0	0.0	0.0	4.6	32.5	14.5	23.5	20.0	32.0	24.6	25.5	70	56	63	66	16	22	17	18		
24	0.0	0.0	0.0	4.5	32.5	17.0	24.0	21.0	32.0	25.0	26.3	93	60	68	74	21	23	19	21		
25	0.0	0.0	0.0	4.7	32.0	15.5	23.0	18.6	31.0	24.0	24.0	94	59	69	74	18	22	19	20		
26	0.0	0.0	0.0	4.3	30.0	16.5	23.3	20.0	29.0	24.6	24.5	83	62	63	69	17	21	17	18		
27	0.0	0.0	0.0	4.2	28.5	19.0	23.0	21.0	27.0	24.0	24.3	93	72	62	76	20	22	17	19		
28	0.0	0.0	0.0	4.2	31.0	15.0	23.0	21.0	30.0	25.0	25.3	75	59	54	62	16	21	15	17		
TOT	0.0	0.0	0.0	119.5																	
PRO					30.0	15.9	23.4	19.6	29.0	24.3	24.6	90.9	63.6	67.0	74.1	18.1	21.9	17.9	19.3		
MAX	0.0	0.0	0.0	4.7	33.5	20.0	25.0	22.0	33.0	26.0	26.3	123.0	91.0	83.0	92.0	25.0	25.0	21.0	21.0		
MIN	0.0	0.0	0.0	3.7	27.0	13.5	21.5	16.4	24.0	22.0	22.5	75.0	50.0	54.0	62.0	15.0	19.0	15.0	17.0		
DIAS DE LLUVIA	0																				

MOD. JMILL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 23  
 Fecha : 03/29/71  
 Hora : 13:16:58

REPORTE CLIMATOLOGICO DEL MES Feb AÑO 1970

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CL1 LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO		NUBOSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA			
	3HR	14HR	20HR	8HR	14HR	20HR	PROM	MS/SEG (1M)	PROM	8H	14H	20H	PROM	INTENSIDAD	SOLAR HORAS	8HR	14HR	20HR	PROM		
1	SE	NW	NE						2	4	2	3									
2	NW	NE	NW						6	8	2	5									
3	NE	NE	SE						0	2	0	1									
4	SE	NE	SE						0	6	0	2									
5	SE	NE	NE						0	0	4	1									
6	NW	NW	SE						0	6	4	3									
7	NE	NW	NW						0	0	4	7									
8	NE	NW	SE						2	4	4	3									
9	SE	NE	SE						6	2	6	5									
10	NE	NW	SE						0	4	2	2									
11	SE	NW	NE						2	4	2	3									
12	NE	SE	NE						0	4	4	3									
13	SE	NW	NE						0	0	0	0									
14	NE	NE	NW						0	6	6	7									
15	NW	NW	NE						0	0	2	1									
16	NE	NE	NE						0	2	0	1									
17	NE	NE	NE						0	0	0	0									
18	SE	NE	NW						0	4	4	3									
19	SE	NW	NE						0	4	0	4									
20	NE	NW	NW						2	4	0	2									
21	NW	NE	NE						0	4	0	1									
22	NE	NE	NE						0	0	0	0									
23	NW	NE	NE						0	0	0	0									
24	SE	NE	NW						0	4	2	2									
25	NW	NE	NE						0	4	0	1									
26	SE	NW	NE						2	6	4	4									
27	NE	NE	NW						0	6	2	5									
28	SE	NW	NE						0	4	4	3									
TOT																					
PROM									2	3	2	2									
MAX									0	0	0	0									
MIN									0	0	0	0									

MOD. JMLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INGRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 29  
 Fecha : 08/29/91  
 Hora : 13:17:28

REPORTE CLIMATOLOGICO DEL MES Mar AÑO 1990

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLUVIA MILIMETROS			EVAPORACION MILIMETROS			TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO GOOS CENT					
	BHR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM		
1	0.0	0.0	0.0	4.5	30.0	16.0	23.0	21.6	29.0	25.0	25.2	77	64	68	70	17	22	19	19				
2	0.0	0.0	0.0	4.7	31.5	15.0	23.3	18.0	31.0	26.0	25.0	84	57	65	69	15	21	19	19				
3	0.0	0.0	0.0	4.6	32.0	15.0	23.5	19.0	31.0	26.2	25.4	92	62	68	74	18	23	20	20				
4	0.0	0.0	0.0	4.5	32.5	16.0	24.3	19.6	32.0	25.0	25.5	88	60	63	72	18	23	19	20				
5	0.0	0.0	0.0	4.6	33.0	15.5	24.3	18.4	32.0	25.0	25.4	90	66	63	73	17	25	18	20				
6	0.0	0.0	0.0	4.7	32.5	13.5	23.0	19.0	32.0	24.6	25.2	90	60	63	71	17	23	17	19				
7	0.0	0.0	0.0	4.5	32.5	15.5	24.0	20.2	32.0	24.8	25.7	92	54	69	72	19	22	19	20				
8	0.0	0.0	3.2	7.5	29.0	16.5	22.8	21.0	27.0	23.6	23.9	93	92	62	82	20	26	16	20				
9	3.2	0.0	0.0	4.2	25.5	19.5	22.5	21.0	23.6	24.0	22.9	91	86	67	81	19	21	18	19				
10	0.0	0.0	0.0	4.0	26.0	16.0	21.0	18.2	24.2	22.4	21.6	88	78	80	85	16	28	28	19				
11	0.0	0.0	0.0	4.2	26.5	14.0	20.3	19.0	24.4	23.0	22.1	90	88	83	87	17	22	20	20				
12	0.0	0.0	0.0	4.1	25.0	15.0	20.0	19.8	23.0	24.6	22.5	92	91	71	85	19	21	19	20				
13	0.0	0.0	0.0	3.8	31.0	16.0	23.5	18.4	30.0	25.0	24.5	94	59	61	71	17	21	17	18				
14	0.0	0.0	0.0	3.9	32.5	16.0	24.3	19.0	32.0	27.0	26.3	90	60	63	71	18	23	19	20				
15	0.0	0.0	0.0	3.7	32.0	17.5	24.0	21.0	31.6	24.6	26.0	87	56	71	72	20	22	19	20				
16	0.0	0.0	0.0	3.9	30.5	17.0	23.8	20.0	29.0	25.4	24.0	90	85	68	81	19	26	19	21				
17	0.0	0.0	0.0	4.0	32.0	16.5	24.3	21.0	31.0	26.2	26.3	91	79	68	79	20	27	20	22				
18	0.0	0.0	0.0	4.2	33.0	18.0	25.5	20.8	32.0	25.2	26.0	93	72	67	77	20	26	19	22				
19	0.0	0.0	0.0	4.2	33.0	16.5	24.8	20.2	31.0	26.4	26.1	91	80	66	79	19	28	20	22				
20	0.0	0.0	0.0	4.3	32.5	17.0	24.8	21.0	32.0	27.0	26.7	91	66	65	74	17	25	20	21				
21	0.0	0.0	0.0	4.1	32.0	19.0	25.0	26.4	31.0	26.0	28.1	59	64	69	64	18	24	20	21				
22	0.0	0.0	0.0	4.3	33.0	18.5	25.0	22.0	32.4	26.4	26.9	96	64	63	75	21	25	19	22				
23	0.0	0.0	0.0	4.3	32.0	16.5	24.5	20.0	31.0	27.0	26.0	90	66	63	73	18	24	19	20				
24	0.0	0.0	0.0	4.2	32.0	17.0	24.5	22.4	31.0	26.0	26.5	93	59	72	75	21	22	21	21				
25	0.0	0.0	0.0	4.4	33.0	17.0	25.0	20.0	32.0	25.4	25.0	90	66	65	74	18	25	18	21				
26	0.0	0.0	0.0	4.6	33.0	15.5	24.3	20.0	32.0	25.2	25.7	90	79	74	81	18	28	20	22				
27	0.0	0.0	0.0	4.6	32.5	16.0	24.3	20.6	32.0	26.0	26.2	82	72	65	73	17	26	19	21				
28	0.0	0.0	0.0	4.6	32.0	17.0	24.5	21.0	31.0	24.6	26.1	84	67	63	72	19	25	17	20				
29	0.0	0.0	0.0	4.8	31.5	15.5	23.5	19.0	31.0	24.0	24.7	81	66	75	74	16	24	19	20				
30	0.0	0.0	0.0	5.0	32.5	17.5	25.0	20.0	32.0	25.4	25.0	85	72	73	77	17	26	20	21				
31	0.0	0.0	0.0	5.0	32.5	17.5	25.0	21.4	32.0	28.0	27.1	78	60	57	65	18	23	19	20				
TOT	3.2	0.0	3.2	138.0				31.2	16.4	23.8		20.4	30.3	25.3	25.4	87.8	69.4	67.8	75.1	18.2	23.9	19.0	20.3
MAX	3.2	0.0	3.2	7.5	33.0	19.5	25.0	26.4	32.4	28.0	28.1	96.0	92.0	88.0	87.0	21.0	28.0	21.0	22.0				
MIN	0.0	0.0	0.0	3.7	25.0	13.5	20.0	18.0	23.0	22.4	21.6	59.0	54.0	57.0	64.0	15.0	20.0	16.0	18.0				

DIAS DE LLUVIA 1

MOO. JNLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

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 Fecha : 03/29/91  
 Hora : 13:17:32

REPORTE CLIMATOLOGICO DEL MES Mar # AÑO 1990 #  
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CODIGO 0102 # CUERCA MASACRE # ESTACION DON MIGUEL  
 TIPO: CL1 # LATITUD: 19 30 10 # LONGITUD: 71 40 40 # ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO		NUBOSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA					
	8HR	14HR	20HR	MTS POR SEG. (3 MS)			PROX	MS/SEG (1M)			PROX	OCTAVOS			CAL/CM2/DIA		SOLAR		HORAS		MILIBARES		
				8HR	14HR	20HR	PROX	PROX		8H	14H	20H	PROX	INTENSIDAD		HORAS		8HR	14HR	20HR	PROX		
1	NE	NE	NW							0	4	0	1										
2	NW	NE	SE					0.1		0	0	4	1										
3	SE	SE	NW							0	0	0	0										
4	NW	NE	NW							0	0	0	0										
5	NE	NE	SE							0	0	0	0										
6	SE	NW	NE							2	2	4	3										
7	NE	NW	NW							0	2	2	1										
8	SE	NW	NW							4	6	0	6										
9	NW	NE	SE							0	0	0	0										
10	SE	NE	NW							4	6	6	5										
11	NW	NW	SE							2	6	4	4										
12	SE	NW	NW							6	0	0	7										
13	NW	SE	NW							0	4	0	4										
14	NW	NE	NE							0	4	2	2										
15	NE	NE	NE							0	0	4	1										
16	NE	NE	NW							4	6	6	5										
17	NW	NW	NE							0	2	6	3										
18	NW	NE	SE							0	2	0	1										
19	SE	NE	NE							0	0	0	0										
20	NE	NW	NE							0	2	2	1										
21	NW	NE	SE							2	4	0	2										
22	SE	NE	NW							0	2	2	1										
23	NE	NE	NW							0	4	0	4										
24	NW	NE	NE							2	4	6	4										
25	NE	NE	SE							2	2	0	1										
26	SE	NE	SE							0	2	0	1										
27	SE	NE	NW							2	6	4	4										
28	NW	NE	NE							4	0	0	1										
29	NE	NE	NE							0	4	4	3										
30	SE	NE	NW							4	4	2	3										
31	NW	NE	NE							0	4	4	3										
TOT																							
PRO										1	3	3	2										
MAX									0.1	0	0	0	0										
MIN									0.1	0	0	0	0										



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

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 Fecha : 08/29/91  
 Hora : 13:18:02

REPORTE CLIMATOLOGICO DEL MES Abr AÑO 1990

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CL1 LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLUVIA			EVAPORACION			TEMP. EXTREMAS			TEMPERATURA DEL AIRE				HUMEDAD RELATIVA				PUNTO DE ROCIO			
	8HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM
1	0.0	0.0	3.4		7.9		31.5	20.0	25.0	23.0	31.0	24.6	26.2	89	72	79	80	21	25	21	22
2	3.4	41.0	41.0		6.5		32.0	19.0	25.5	23.0	31.0	25.0	26.3	83	66	68	72	20	24	19	21
3	0.0	29.2	29.2		4.2		31.5	19.5	25.5	22.2	30.0	25.4	25.9	89	65	70	75	20	23	20	21
4	0.0	1.5	1.5		1.5		32.0	20.5	26.3	23.4	31.0	26.0	26.8	84	66	69	73	21	24	20	21
5	0.0	0.0	0.0		2.0		31.0	21.0	26.0	24.0	30.0	26.4	26.8	90	65	66	74	22	23	20	21
6	0.0	2.7	2.7		5.1		31.0	22.0	26.5	23.4	29.6	24.0	25.7	93	61	75	76	22	21	19	21
7	0.0	0.0	0.0		3.0		32.5	21.5	27.0	23.2	32.0	24.6	26.6	96	54	79	76	22	22	21	22
8	0.0	0.0	0.0		3.4		32.0	21.0	26.5	25.0	31.4	25.0	27.1	88	54	79	74	23	21	21	22
9	0.0	0.0	0.0		3.4		32.5	21.5	27.0	24.0	32.0	26.0	27.3	88	60	76	75	22	23	21	22
10	0.0	0.0	0.0		3.6		33.0	18.0	25.5	21.0	32.0	26.0	26.3	91	63	73	76	19	24	21	21
11	0.0	0.0	0.0		3.5		33.0	20.0	26.5	21.0	32.0	25.0	26.0	94	60	76	77	20	23	20	21
12	0.0	0.0	0.0		3.5		33.5	20.5	27.0	24.0	32.4	25.0	27.1	86	49	76	70	22	20	20	21
13	0.0	01.0	01.0				33.0	20.5	26.0	24.0	32.0	24.0	26.9	77	54	80	70	21	22	20	21
14	0.0	26.0	26.0		7.0		32.5	19.0	25.0	24.0	32.0	25.2	27.1	80	49	77	69	20	20	21	20
15	0.0	0.0	0.0		1.5		31.5	20.0	25.0	24.0	31.0	25.0	26.7	90	54	76	73	22	20	20	21
16	0.0	0.0	0.0		1.0		30.5	22.0	26.3	24.0	30.0	24.6	26.2	91	56	74	74	23	20	20	21
17	0.0	0.0	0.0		2.4		31.0	20.0	25.5	23.0	30.0	25.0	26.0	83	65	76	74	20	23	20	21
18	0.0	0.0	0.0		2.3		32.0	21.0	26.5	23.0	31.0	24.2	26.3	91	59	82	77	22	22	21	22
19	0.0	0.0	0.0		2.6		32.0	19.0	25.5	22.0	31.4	26.0	26.5	91	52	66	70	20	20	19	20
20	0.0	0.0	0.0		2.4		31.0	16.0	23.5	22.0	30.0	23.4	25.1	91	62	80	70	20	22	20	21
21	0.0	0.0	0.0		2.0		26.5	19.0	22.0	21.0	25.0	24.0	23.3	94	87	83	80	20	23	21	21
22	0.0	0.0	0.0		2.5		26.5	21.0	23.0	22.0	23.4	24.2	23.2	96	93	98	96	21	22	24	22
23	0.0	0.0	0.0		2.0		25.0	15.0	20.0	22.0	24.0	24.6	23.5	89	91	72	84	20	23	19	21
24	0.0	0.0	0.0		2.6		31.0	15.5	23.3	21.0	30.0	24.0	25.0	91	65	67	74	19	23	18	20
25	0.0	5.6	5.6		5.6		32.0	16.5	24.3	21.0	31.4	24.2	25.5	93	70	74	79	20	25	19	21
26	0.0	0.0	0.0		2.4		32.0	17.0	24.5	21.0	31.0	24.6	25.5	94	60	74	79	20	24	20	21
27	0.0	0.0	0.0		3.0		31.5	16.0	23.0	19.6	31.0	24.2	24.9	92	59	82	78	10	22	21	20
28	0.0	0.0	0.0		3.0		32.5	14.5	23.5	19.4	32.0	25.0	25.5	96	65	76	79	19	25	20	21
29	0.0	0.0	0.0				32.0	17.0	24.5	19.4	31.0	25.4	25.3	94	62	76	77	18	23	21	21
30	0.0	0.0	0.0				32.5	16.0	24.3	19.4	32.0	26.0	25.8	96	72	69	79	19	26	20	22

TOT	3.4	187.0	190.4																			
PRD							31.4	19.0	25.2	22.4	30.4	24.9	25.9	93.0	63.9	75.6	75.5	20.5	22.6	20.2	21.1	
MAX	3.4	01.0	01.0		7.9		33.5	22.0	27.0	25.0	32.4	25.4	27.3	96.0	93.0	98.0	96.0	23.0	26.0	24.0	22.0	
MIN	3.0	0.0	0.0		1.5		25.0	14.5	20.0	19.4	23.4	23.4	23.2	77.0	49.0	66.0	69.0	13.0	20.0	18.0	20.0	

DIAS DE LLUVIA 3 MOD. JHLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 72  
 Fecha : 03/29/91  
 Hora : 13:19:06

REPORTE CLIMATOLOGICO DEL MES Abr AÑO 1998

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CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CL1 LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO				HUPOSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA			
				KTS POR SEG. (3 HS)			MS/SEG (1H)	OCTAVOS			CAL/CM2/DIA		SOLAR		MILIBARES								
	8HR	14HR	20HR	8HR	14HR	20HR	PROM	SH	14H	20H	PROM	INTENSIDAD	HORAS	8HR	14HR	20HR	PROM						
1	NW	NW	NE					2	6	8	5												
2	NE	NE	NE				0.1	4	6	8	6												
3	NE	NW	NE					8	6	8	7												
4	SE	NW	NE					2	6	6	5												
5	NE	NE	SE					2	6	6	5												
6	SE	NE	SE					2	6	8	5												
7	SE	NW	NE					2	4	4	3												
8	NE	NW	NW					8	4	6	6												
9	NW	NW	NE					2	2	4	3												
10	NE	NE	NE					8	2	4	2												
11	NW	NW	NE					8	2	4	2												
12	NE	NE	SE					2	4	6	4												
13	SE	NE	NE					4	4	6	5												
14	SE	NE	NE					2	6	8	5												
15	NE	NW	SE					4	8	8	7												
16	SE	NE	NW					2	8	8	6												
17	NW	NW	NE					2	4	6	4												
18	NW	NW	SE					4	4	4	4												
19	SE	NE	SE					8	2	4	2												
20	SE	NW	NE					8	4	6	6												
21	NE	NE	NE					6	8	6	7												
22	NE	NW	SE					8	8	8	5												
23	SE	NW	NE					8	8	8	8												
24	NE	NE	NE					8	4	6	3												
25	NW	NE	SE					8	4	8	4												
26	SE	NE	NE					2	8	4	2												
27	NW	NW	SE					8	6	6	4												
28	SE	NE	NW					4	8	8	1												
29	NW	NW	NE					8	8	8	8												
30	NE	NW	NE				0.0	8	4	8	1												
TOT																							
PROM								2	4	5	4												
MAX							0.1	8	8	8	8												
MIN							0.0	8	8	8	8												

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 33  
 Fecha : 08/29/91  
 Hora : 13:18:36

REPORTE CLIMATOLOGICO DEL MES May AÑO 1990

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CL1 LATITUD: 19 30 18 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLUVIA			EVAPORACION			TEMP. EXTREMAS			TEMPERATURA DEL AIRE				HUNEDAD RELATIVA				PUNTO DE ROCIO				
	8HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	
1	0.0	0.0	0.0	5.2	32.0	15.0	23.5	19.0	31.0	23.0	24.6	94	66	54	71	18	24	14	19			
2	0.0	0.0	0.0	6.0	33.0	16.0	24.5	19.0	33.0	22.9	25.0	90	51	67	69	17	21	17	18			
3	0.0	0.0	0.0	4.6	34.0	16.0	25.0	19.5	33.0	25.0	25.8	80	45	61	62	16	19	17	17			
4	0.0	0.0	0.0	4.6	28.0	18.0	23.0	22.0	27.0	25.0	24.7	95	77	68	80	21	23	19	21			
5	0.0	0.0	0.0	5.2	31.0	16.0	23.5	20.2	30.0	26.0	25.4	96	65	69	77	20	23	20	21			
6	0.0	0.0	0.0	5.2	32.5	18.0	25.3	24.0	32.0	27.0	27.7	83	66	70	73	21	25	21	22			
7	0.0	0.0	0.0	5.0	29.0	15.0	22.0	24.4	26.0	24.0	24.8	97	95	75	89	24	25	19	23			
8	0.0	13.7	13.7	9.7	32.0	18.5	25.3	21.6	31.6	26.0	26.4	94	62	69	75	21	24	20	21			
9	0.0	0.0	0.0	3.0	32.0	17.0	24.5	24.6	31.4	27.0	27.7	95	60	70	75	24	23	21	22			
10	0.0	1.3	1.3	3.2	32.5	20.0	26.3	25.4	32.0	25.6	27.7	82	66	74	74	22	25	21	23			
11	0.0	3.0	3.0	6.6	33.0	20.5	26.8	24.0	32.0	25.0	27.0	86	72	83	81	22	26	22	23			
12	0.0	0.0	0.0	3.1	32.0	19.0	25.5	24.2	31.6	26.0	27.3	86	68	76	77	22	25	21	23			
13	0.0	0.0	0.0	3.4	33.5	18.0	25.0	20.0	32.6	25.0	25.9	90	69	76	78	18	26	20	22			
14	0.0	0.0	0.0	3.6	33.0	19.0	26.0	20.0	32.4	27.0	26.5	94	73	70	79	19	27	21	22			
15	0.0	0.0	0.0	3.7	32.5	20.0	26.3	25.0	32.0	27.4	28.1	76	72	68	72	20	26	21	23			
16	0.0	0.0	0.0	4.0	32.0	21.5	26.8	24.0	31.6	25.4	27.0	81	62	77	74	21	24	21	22			
17	0.0	0.0	0.0	4.2	33.5	19.0	26.3	21.4	32.4	26.0	26.6	87	77	76	80	19	28	21	23			
18	0.0	0.0	0.0	4.0	32.0	20.0	26.0	23.2	31.6	25.6	26.0	89	62	79	77	21	24	22	22			
19	0.0	0.0	0.0	4.3	32.5	21.0	26.0	23.4	32.0	26.4	27.3	90	66	75	77	22	25	22	23			
20	0.0	0.0	0.0	4.3	34.0	20.0	27.0	25.4	33.0	27.0	28.5	88	79	77	81	23	29	23	25			
21	0.0	0.0	0.0	4.2	34.5	22.5	28.5	25.2	33.0	25.0	27.7	90	73	80	84	23	28	23	25			
22	0.0	0.0	0.0	4.4	33.0	20.5	26.0	25.0	32.0	26.0	27.7	92	72	84	93	24	26	23	24			
23	0.0	0.0	0.0	4.4	34.0	20.0	27.0	24.4	33.0	25.6	27.7	80	73	85	79	21	28	23	24			
24	0.0	0.0	0.0	4.8	35.0	21.0	28.0	23.0	33.0	25.0	27.0	89	79	88	86	21	29	23	24			
25	0.0	0.0	0.0	4.3	33.5	21.0	27.3	21.8	32.6	25.0	26.5	96	69	80	85	21	26	23	23			
26	0.0	0.0	0.0	5.0	34.0	22.0	28.0	25.0	33.0	26.4	28.1	92	73	78	81	24	28	22	24			
27	0.0	0.0	0.0	5.0	35.0	22.5	28.0	24.8	33.0	27.0	28.3	92	73	70	78	23	28	21	24			
28	0.0	0.0	0.0	5.2	34.0	21.5	27.8	24.4	32.0	25.0	27.4	93	66	82	80	23	25	22	23			
29	0.0	16.5	16.5	4.0	34.0	22.0	28.0	24.8	33.0	24.0	27.3	85	79	86	84	22	29	22	24			
30	0.0	0.0	0.0	4.0	34.0	22.0	28.0	24.6	32.6	24.5	27.3	95	63	85	81	24	25	22	23			
31	0.0	0.0	0.0	4.0	35.0	22.5	28.0	25.0	33.0	25.0	27.7	95	79	83	86	24	29	22	25			
TOT	0.0	35.3	35.3					32.9	19.5	26.2	23.2	31.9	25.3	26.9	89.4	69.4	75.0	78.3	21.3	25.6	20.9	22.5
PRO								35.0	22.5	28.0	25.4	33.0	27.4	28.5	97.0	95.0	88.0	89.0	24.0	29.0	23.0	25.0
MAX	0.0	16.5	16.5	9.7	35.0	22.5	28.0	25.4	33.0	27.4	28.5	97.0	95.0	88.0	89.0	24.0	29.0	23.0	25.0			
MIN	0.0	0.0	0.0	3.0	28.0	15.0	22.0	19.0	26.0	22.9	24.6	76.0	45.0	54.0	62.0	16.0	19.0	14.0	17.0			

DIAS DE LLUVIA 4

MOD. JMML-26.12.83



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 35  
 Fecha : 08/29/91  
 Hora : 13:19:10

REPORTE CLIMATOLOGICO DEL MES Jun A AÑO 1990

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLUVIA MILIMETROS			EVAPORACION MILIMETROS			TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO GDOS CENT				
	8HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	
1	0.0	0.0	0.0		4.4		33.5	22.0	27.8	24.6	32.4	24.6	27.2	90	70	82	81	23	26	21	23	
2	0.0	0.0	0.0		4.4		34.0	20.0	27.8	22.0	32.6	25.2	26.6	91	69	82	81	20	26	22	23	
3	0.0	0.0	0.0		4.4		35.0	22.5	28.8	24.0	33.0	25.0	27.3	91	69	85	82	23	27	22	24	
4	0.0	0.0	0.0		4.6		33.5	21.0	27.3	24.0	33.0	24.0	27.0	91	38	85	68	21	17	21	20	
5	0.0	0.0	0.0		4.8		36.0	23.5	29.8	25.4	33.4	24.6	27.8	88	77	79	81	23	29	21	24	
6	0.0	56.5	56.5		6.5		35.0	21.5	28.3	24.8	33.2	23.0	27.0	87	78	84	83	22	29	20	24	
7	0.0	0.0	0.0		3.0		33.0	20.0	26.5	23.8	32.4	23.2	26.5	81	64	86	77	20	25	21	22	
8	0.0	0.0	0.0		3.4		34.0	21.5	27.8	24.0	33.6	24.0	27.2	88	49	78	72	22	22	20	21	
9	0.0	0.0	0.0		4.0		34.0	19.0	26.5	24.2	33.0	25.0	27.4	85	55	76	72	21	23	20	22	
10	0.0	0.0	0.0		4.3		35.0	21.0	28.0	24.0	33.0	26.0	27.7	83	61	76	73	21	24	21	22	
11	0.0	0.0	0.0		5.0		36.0	21.0	28.5	24.2	33.2	24.4	27.3	82	54	85	74	21	23	22	22	
12	0.0	0.0	0.0		5.2		34.0	22.0	28.0	27.0	32.8	26.0	28.6	70	56	76	67	21	23	21	22	
13	0.0	20.9	20.9		4.9		33.0	22.0	27.5	25.0	32.4	24.0	27.1	80	53	75	69	21	21	19	21	
14	0.0	20.0	20.0		6.0		31.5	20.0	25.8	26.3	31.0	24.2	27.2	60	54	82	65	18	20	21	20	
15	0.0	1.2	1.2		2.4		31.5	20.0	25.8	22.4	30.0	23.4	25.3	96	65	80	80	22	23	20	21	
16	0.0	26.0	26.0		4.0		31.0	21.5	26.3	24.8	30.0	24.2	26.1	90	66	74	76	22	23	19	21	
17	0.0	1.4	1.4		2.4		31.5	20.0	25.8	24.4	30.0	23.8	26.1	90	71	69	77	23	24	18	22	
18	0.0	22.8	22.8				30.0	21.5	25.8	25.0	28.0	23.0	25.3	92	70	74	79	24	22	18	21	
19	0.0	0.0	0.0		2.0		31.5	19.5	25.5	23.0	31.0	25.0	25.3	93	59	76	73	23	22	20	22	
20	0.0	2.4	2.4		4.8		32.5	19.5	26.0	24.8	31.4	26.0	27.4	85	63	62	70	22	24	18	21	
21	0.0	0.0	0.0		3.0		33.0	18.0	25.5	23.0	32.0	24.8	26.9	90	60	85	78	22	23	22	22	
22	0.0	0.0	0.0		3.0		33.5	21.0	27.3	24.2	33.0	25.0	27.4	90	61	85	79	22	24	22	23	
23	0.0	0.0	0.0		3.6		34.0	19.0	26.5	24.4	33.0	26.0	27.8	88	62	79	76	22	25	22	23	
24	0.0	0.0	0.0		3.7		33.5	20.0	26.8	24.4	33.0	27.0	28.1	89	61	77	75	22	24	23	23	
25	0.0	2.2	2.2		5.2		33.0	20.0	26.5	25.0	32.4	24.0	27.1	87	64	83	78	23	25	21	23	
26	0.0	12.1	12.1				34.0	22.0	28.0	23.8	33.0	23.4	26.7	91	67	80	79	22	26	20	23	
27	0.0	0.0	0.0		3.6		32.5	19.0	25.8	24.4	31.0	23.0	26.1	93	66	74	78	23	24	18	22	
28	0.0	0.0	0.0		3.6		33.0	20.0	26.5	22.4	32.0	23.6	26.0	95	60	86	80	21	23	21	22	
29	0.0	0.0	0.0		3.5		32.5	19.0	25.8	22.6	32.0	24.6	26.4	95	60	79	78	22	23	21	22	
30	0.0	0.0	0.0		4.0		34.0	17.0	25.5	24.0	33.0	25.0	27.3	91	67	83	81	23	26	22	24	
TOT	0.0	165.5	165.5																			
PRO							33.3	20.5	26.9	24.2	32.1	24.5	26.9	87.2	62.3	79.2	76.2	21.8	23.9	20.6	22.2	
MAX	0.0	56.5	56.5		6.5		36.0	23.5	29.0	27.0	33.6	27.0	28.6	93.0	70.0	86.0	83.0	24.0	29.0	23.0	24.0	
MIN	0.0	0.0	0.0		2.0		30.0	17.0	25.5	22.0	28.0	23.0	25.3	60.0	38.0	62.0	65.0	18.0	17.0	18.0	20.0	
DIAS DE LLUVIA	10																					

MOD. JHLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDAHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 26  
 Fecha : 09/29/91  
 Hora : 13:19:14

¡ REPORTE CLIMATOLOGICO DEL MES Jun ¡ AÑO 1990 ¡  
 =====

CODIGO 0102    ¡ CUENCA MASACRE                    ¡ ESTACION DON MIGUEL  
 TIPO: CLI    ¡ LATITUD: 19 30 10    ¡ LONGITUD: 71 40 40    ¡ ELEVACION:    45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO		NUBOSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA			
	8HR	14HR	20HR	MTS POR SEG. (3 MS)			PRON	MS/SEG (1M)		OCTAVOS		CAL/CM2/DIA		SOLAR	MILIBARES						
				8HR	14HR	20HR	PRON	PRON	8H	14H	20H	PRON	INTENSIDAD	HORAS	8HR	14HR	20HR	PRON			
1	NE	NE	SE						2	4	6	4									
2	SE	NE	NE						2	4	6	4									
3	NE	NE	NW						0	2	2	1									
4	NW	NW	NW						0	6	6	4									
5	NW	NE	NE						4	2	4	3									
6	NW	SE	SE						2	6	6	5									
7	SE	NE	NE						2	2	2	2									
8	SE	NE	NE						0	2	0	1									
9	NE	NE	NW						0	2	4	2									
10	SE	NE	NE						0	2	4	2									
11	NW	NE	NE						0	2	4	2									
12	NW	NE	SE						2	4	6	4									
13	SE	NE	NW						2	6	8	5									
14	NW	NW	NE						4	6	8	6									
15	NE	NW	NE						2	6	6	5									
16	SE	NE	SE						4	4	8	5									
17	SE	NW	NE						0	6	8	7									
18	NE	NE	NE						0	0	0	0									
19	NE	NE	NW						0	4	0	7									
20	NW	NE	SE						4	4	6	5									
21	SE	NE	NE						0	2	0	3									
22	NW	NE	NE						0	4	6	3									
23	NW	NE	NE						4	2	2	3									
24	NE	NE	NE						0	4	6	3									
25	NW	NW	NE						4	0	6	6									
26	NW	NE	NE						2	4	4	3									
27	SE	NW	NW						2	4	2	3									
28	SE	NE	NE						2	0	0	1									
29	NW	NE	SE						0	4	0	1									
30	SE	NE	SE						0	0	2	1									

TOT																				
PRO									2	3	4	3								
MAX									0	0	0	0								
MIN									0	0	0	1								

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INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDAHI)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 37  
 Fecha : 08/29/91  
 Hora : 13:19:44

REPORTE CLIMATOLOGICO DEL MES Jul AÑO 1990

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CL1 LATITUD: 19 39 18 LONGITUD: 71 40 48 ELEVACION: 45

DIA	LLUVIA MILIMETROS			EVAPORACION MILIMETROS			TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO 600S CENT				
	8HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	
1	0.0	0.0	0.0		4.2		35.0	18.0	26.5	25.0	33.0	24.0	27.6	93	67	69	77	24	26	19	23	
2	0.0	0.0	0.0		4.2		34.0	19.0	26.5	22.0	32.0	25.0	26.6	96	62	76	78	21	25	20	22	
3	0.0	0.0	0.0		4.5		35.0	16.0	25.5	25.0	33.0	26.0	28.0	83	64	69	72	22	25	20	22	
4	0.0	0.0	0.0		4.4		34.0	21.0	27.5	22.4	33.0	26.0	27.1	91	61	76	76	21	24	21	22	
5	0.0	0.0	0.0		4.6		34.0	16.5	25.3	23.0	33.6	25.0	27.2	89	47	76	71	21	21	20	21	
6	0.0	33.4	33.4		8.4		32.5	17.5	25.0	24.4	32.0	24.0	26.0	83	54	80	72	21	22	20	21	
7	0.0	0.0	0.0				32.0	16.5	24.3	23.6	31.4	24.0	26.3	90	52	67	70	22	20	18	20	
8	0.0	0.0	0.0		2.0		32.5	20.0	26.3	22.0	32.0	25.0	26.3	91	54	68	71	20	22	19	20	
9	0.0	13.0	13.0		6.0		32.0	19.0	25.5	23.2	31.4	24.0	26.2	83	52	75	70	20	20	19	20	
10	0.0	10.0	10.0		3.0		32.5	20.5	26.5	31.4	24.0	24.4	26.6	57	91	80	76	22	23	21	22	
11	0.0	0.0	0.0		3.1		32.0	20.0	26.0	22.4	31.0	24.0	25.0	82	55	75	71	19	21	19	20	
12	0.0	0.0	0.0		3.4		32.0	16.0	24.0	24.0	31.2	25.0	26.7	88	58	76	74	22	22	20	21	
13	0.0	1.7	1.7		4.7		32.5	16.0	24.3	23.6	32.0	24.0	26.5	86	60	67	71	21	23	18	21	
14	0.0	0.0	0.0		3.2		33.0	19.5	26.3	23.6	32.0	24.4	26.7	90	61	80	77	22	24	21	22	
15	0.0	10.5	10.5				32.0	16.5	24.3	22.6	31.6	24.0	26.1	93	51	75	73	21	20	19	20	
16	0.0	0.0	0.0		2.0		31.5	20.0	25.0	22.0	30.0	24.2	25.4	96	65	75	79	21	23	20	21	
17	0.0	0.0	0.0		3.2		32.0	19.0	25.5	23.2	31.0	25.0	26.4	86	57	76	73	21	21	20	21	
18	0.0	0.0	0.0		3.4		32.5	20.0	26.3	23.6	32.0	25.0	26.9	91	54	71	72	22	22	19	21	
19	0.0	0.0	0.0		3.0		33.0	19.5	26.3	23.4	32.0	24.2	26.5	88	60	82	77	21	23	21	22	
20	0.0	27.5	27.5		12.5		34.0	19.5	26.0	23.0	32.1	24.0	26.6	88	66	67	74	22	25	18	21	
21	0.0	0.0	0.0		2.5		33.0	18.0	25.5	22.6	32.0	25.0	26.5	89	60	76	75	21	23	20	21	
22	0.0	0.0	0.0		3.0		34.0	20.5	27.3	23.6	32.0	25.2	27.2	95	58	77	77	23	24	21	22	
23	0.0	0.0	0.0		3.5		33.0	20.0	26.5	22.0	32.4	25.0	26.7	93	58	76	76	22	23	20	22	
24	0.0	0.0	0.0		3.5		32.5	20.0	26.3	22.6	32.0	26.0	26.9	89	56	76	74	21	22	21	21	
25	0.0	0.0	0.0		3.6		34.0	19.0	26.5	24.0	33.0	25.4	27.5	93	67	77	79	23	26	21	23	
26	0.0	10.0	10.0		11.5		34.5	20.5	27.5	25.2	33.0	23.6	27.3	90	73	78	80	23	20	20	23	
27	0.0	0.0	0.0		3.0		31.5	14.0	22.0	24.2	30.0	23.0	25.7	86	61	74	74	22	22	10	21	
28	0.0	0.0	0.0		3.4		33.0	19.0	26.0	23.0	32.0	25.0	26.7	89	60	83	78	21	23	22	22	
29	0.0	0.0	0.0		3.6		33.5	18.5	26.0	25.0	32.0	26.0	27.9	82	62	79	74	22	25	22	23	
30	0.0	0.0	0.0		3.0		33.0	21.5	27.3	25.6	32.5	25.4	27.3	82	55	80	73	22	22	22	22	
31	0.0	0.0	0.0		3.7		34.0	20.5	27.3	23.2	33.0	25.2	27.1	89	55	80	75	21	23	22	22	
TOT	0.0	106.1	106.1																			
PRO							33.0	18.0	25.9	23.7	31.0	24.7	26.0	87.0	59.9	75.4	74.5	21.5	23.0	20.0	21.5	
MAX	0.0	33.4	33.4		12.5		35.0	21.5	27.5	31.4	33.6	26.0	28.0	96.0	91.0	83.0	80.0	24.0	28.0	22.0	23.0	
MIN	0.0	0.0	0.0		2.0		31.5	14.0	22.0	22.0	24.0	23.0	25.4	57.0	47.0	67.0	70.0	19.0	20.0	18.0	20.0	
DIAS DE LLUVIA			7																			

NOO, JMIL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Fag. No: 38  
 Fecha : 03/29/91  
 Hora : 13:19:48

\* REPORTE CLIMATOLOGICO DEL MES Jul \* AÑO 1990 \*  
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CODIGO 0102 \* CUENCA MASACRE \* ESTACION DON MIGUEL  
 TIPO: CLI \* LATITUD: 19 30 10 \* LONGITUD: 71 40 40 \* ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO		NUBOSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA			
	3HR	14HR	20HR	3HR	14HR	20HR	PROM	NS/SEG (1M)	PROM	0H	14H	20H	PROM	INTENSIDAD	SOLAR	HORAS	3HR	14HR	20HR	PROM	
1	SE	NE	NE							4	6	6	5								
2	SE	NE	SE							4	4	4	4								
3	SE	NE	NW							4	2	4	3								
4	NW	NE	NW							0	0	2	1								
5	NW	NE	NE							0	4	0	1								
6	NE	NE	NW							0	4	0	4								
7	SE	NE	NE							4	8	8	7								
8	NW	NE	SE							2	2	6	3								
9	NW	NE	SE							2	4	6	4								
10	SE	NE	SE							2	2	2	2								
11	SE	NE	NE							0	6	6	4								
12	NE	NE	SE							0	6	4	3								
13	SE	NW	NE							0	4	0	4								
14	NE	NW	NE							4	2	0	2								
15	NW	NE	NW							0	4	6	3								
16	NW	NE	NW							0	8	4	7								
17	SE	NE	SE							2	4	2	3								
18	NE	NE	NW							0	4	2	2								
19	SE	NW	NE							2	6	0	5								
20	NE	NE	NW							2	2	0	4								
21	SE	NW	SE							2	0	0	1								
22	SE	NE	SE							0	0	0	0								
23	NW	NW	NE							0	4	2	2								
24	NW	NE	SE							0	4	6	3								
25	SE	NE	NE							4	4	8	5								
26	NE	NE	SE							0	4	8	4								
27	SE	NW	SE							0	0	0	5								
28	SE	NW	NW							0	0	0	0								
29	NW	NW	NE							0	0	0	0								
30	NE	NW	SE							0	4	2	2								
31	SE	NE	NE							0	0	2	1								
TOT																					
PRO										1	3	4	3								
MAX										8	8	8	7								
MIN										0	0	0	0								



INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INRAHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

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 Fecha : 08/29/91  
 Hora : 13:20:19

† REPORTE CLIMATOLOGICO DEL MES Ago † AÑO 1990 †

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CODIGO 0102 † CUENCA MASACRE † ESTACION DON MIGUEL  
 TIPO: CLI † LATITUD: 19 30 10 † LONGITUD: 71 40 40 † ELEVACION: 45

DIA	LLUVIA MILIMETROS			EVAPORACION MILIMETROS			TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO GDOS CENT.				
	8HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	8HR	14HR	20HR	PROM	
1	0.0	0.0	0.0		4.0		34.0	21.0	27.5	25.4	33.0	25.0	27.0	77	61	83	74	21	24	22	23	
2	0.0	0.0	0.0		4.2		33.0	20.0	26.5	23.0	32.0	24.6	26.0	83	54	82	73	21	22	21	21	
3	0.0	29.6	29.6		3.6		34.0	20.5	27.3	23.2	33.0	24.4	26.9	83	55	80	73	20	23	21	21	
4	0.0	0.0	0.0		2.5		32.5	19.0	25.9	23.6	32.0	24.0	26.5	86	49	80	72	21	20	20	20	
5	0.0	4.4	4.4		4.4		32.0	20.5	26.3	24.0	31.0	24.6	26.5	86	54	79	73	22	20	21	21	
6	0.0	17.0	17.0				33.0	18.0	25.5	24.4	32.0	24.0	26.0	88	54	78	74	22	22	20	21	
7	0.0	0.0	0.0		3.0		33.5	21.0	27.3	24.2	32.0	25.0	27.1	83	57	76	72	21	22	20	21	
8	0.0	50.0	50.0				32.5	22.0	27.3	25.4	32.0	23.4	26.9	85	52	80	72	23	21	20	21	
9	0.0	0.0	0.0				33.0	22.6	27.0	22.6	32.0	24.0	26.5	95	54	77	75	22	22	21	21	
10	0.0	0.0	0.0		3.0		34.0	20.5	27.3	26.0	33.0	26.0	28.3	84	61	76	74	23	24	21	23	
11	0.0	0.0	0.0		3.0		32.0	23.0	27.5	25.0	31.6	23.0	26.5	83	56	74	71	22	22	18	21	
12	0.0	0.0	0.0		3.5		33.0	18.5	25.0	23.4	32.0	23.6	26.3	83	60	78	74	20	23	20	21	
13	0.0	0.0	0.0		4.0		34.0	20.0	27.0	23.0	33.0	24.0	26.7	86	50	83	73	21	21	21	21	
14	0.0	9.0	9.0		11.0		35.0	19.5	27.3	25.2	33.0	23.0	27.3	82	61	77	73	22	24	19	22	
15	0.0	3.5	3.5		3.5		34.0	20.5	27.3	24.0	32.0	22.0	26.0	86	60	82	76	22	23	19	21	
16	0.0	0.0	0.0		3.0		34.0	18.5	26.3	22.0	32.4	23.0	25.0	91	53	91	78	20	21	21	21	
17	0.0	0.0	0.0		3.5		34.0	19.0	26.5	23.4	33.0	24.6	27.0	90	48	63	67	22	20	17	20	
18	0.0	0.0	0.0		3.7		35.0	19.0	27.0	21.4	33.0	25.0	26.5	92	55	83	77	20	23	22	22	
19	0.0	0.0	0.0		3.7		35.0	18.0	26.5	23.2	32.4	26.0	27.2	89	56	79	75	21	22	22	22	
20	0.0	0.0	0.0		4.0		33.0	20.0	26.5	24.0	32.0	24.4	26.0	91	66	80	79	23	25	21	23	
21	0.0	0.0	0.0		4.3		35.0	20.5	27.0	23.6	33.0	25.0	27.2	86	67	83	79	21	26	22	23	
22	0.0	0.0	0.0		4.5		34.0	19.0	26.5	26.0	33.0	25.0	28.0	69	67	83	73	20	26	22	23	
23	0.0	10.7	10.7		11.7		32.5	21.0	26.0	23.6	31.0	24.0	26.5	95	53	83	77	23	21	21	22	
24	0.0	10.4	10.4		12.4		33.0	19.0	26.0	24.0	32.0	23.6	26.5	91	54	78	75	23	22	20	21	
25	0.0	20.0	20.0		11.0		33.0	20.5	26.0	24.0	32.0	23.2	26.4	90	50	89	76	22	20	21	21	
26	0.0	0.0	0.0		2.0		32.5	18.0	25.3	23.6	32.0	23.4	26.3	93	54	88	78	22	22	21	22	
27	0.0	0.0	0.0		3.2		34.0	20.5	27.3	23.2	32.4	24.0	26.5	93	54	86	78	22	22	22	22	
28	0.0	0.0	0.0		3.2		32.5	21.5	27.0	25.0	32.0	25.0	27.3	88	54	76	73	23	22	20	22	
29	0.0	0.0	0.0		3.6		32.5	21.5	27.0	25.0	32.0	25.0	27.3	88	54	76	73	23	22	20	22	
30	0.0	0.0	0.0		4.0		32.5	21.0	26.0	25.4	32.0	24.0	27.4	87	54	85	75	23	22	22	22	
31	0.0	0.0	0.0		4.0		34.0	22.0	28.0	24.2	33.0	25.6	27.6	90	55	81	75	22	23	22	22	
TOT	0.0	163.4	163.4																			
PRD							33.4	20.2	26.8	24.0	32.3	24.3	26.9	86.9	55.9	80.3	74.4	21.7	22.3	20.6	21.6	
MAX	0.0	50.0	50.0		12.4		35.0	23.0	28.0	26.0	33.0	26.0	28.3	95.0	67.0	91.0	79.0	23.0	26.0	22.0	23.0	
MIN	0.0	0.0	0.0		2.0		32.0	18.0	25.3	21.4	31.0	22.0	25.0	69.0	48.0	63.0	67.0	20.0	20.0	17.0	20.0	

DIAS DE LLUVIA : 9

MOD. JMML-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

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 Fecha : 08/29/91  
 Hora : 13:20:23

! REPORTE CLIMATOLOGICO DEL MES Ago ! AÑO 1990 !  
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CODIGO 0102      ! CUENCA MASACRE                      ! ESTACION DON MIGUEL  
 TIPO: CLI      ! LATITUD: 19 30 10      ! LONGITUD: 71 40 40      ! ELEVACION:      45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO		NUBOSIDAD				RADIACION		INSOLACION			PRESION ATMOSFERICA					
	8HR	14HR	20HR	MTS POR SEG. (3 MS)			PROM	MS/SEG (1M)		OCTAVOS		8H	14H	20H	PROM	INTENSIDAD	SOLAR			8HR	14HR	20HR	PROM	
				8HR	14HR	20HR	PROM	PROM		8H	14H	20H	PROM	INTENSIDAD	HORAS			8HR	14HR	20HR	PROM			
1	NE	NE	SE					0.1		0	2	0	1											
2	NW	NE	NE					0.2		0	4	4	3											
3	NE	NE	SE					0.1		4	4	6	5											
4	NE	E	NW					0.1		2	2	4	3											
5	NW	NE	SE					0.1		6	6	6	6											
6	SE	NE	SE					0.1		2	4	8	5											
7	NE	NE	NW					0.1		4	4	4	4											
8	NW	NE	NE					0.1		0	5	8	5											
9	SE	NE	NE					0.1		4	2	6	4											
10	NE	NE	SE					0.1		0	4	8	4											
11	SE	NE						0.1		0	0	0	5											
12								0.1		0	2	0	1											
13										0	2	0	1											
14								0.1		0	4	0	4											
15	NE	NE	NE					0.1		2	2	0	4											
16	NW	NE	NW					0.1		0	0	0	0											
17	NW	NE	NW					0.1		0	0	0	0											
18	NW	NE	SE					0.1		0	2	0	3											
19	SE	NE	SE					0.1		2	4	0	5											
20	SE	NE	SE					0.1		4	4	0	5											
21	SE	NW	SE					0.1		2	0	0	3											
22	NE	NE	SE					0.1		0	4	0	4											
23	SE	NE	NE					1.0		4	0	0	7											
24	NE	NW	NE					0.1		4	4	6	5											
25	NE	NE	NW					0.1		4	2	0	5											
26	NW	NW	NE					0.1		0	2	2	1											
27	NE	NE	SE					0.1		0	0	2	1											
28	SE	NW	NW					0.0		0	4	2	2											
29	SE	NW	NW					0.2		0	4	2	2											
30	NW	NW	SE					0.1		0	4	2	2											
31	SE	NE	NE					0.1		0	4	2	2											
TOT																								
PRO										1	3	5	3											
MAX									1.0	6	8	8	7											
MIN									0.0	0	0	0	0											

MBO. JMLL-26.12.93

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 41  
 Fecha : 08/29/91  
 Hora : 13:20:53

REPORTE CLIMATOLOGICO DEL MES Sep AÑO 1990

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLUVIA MILIMETROS			EVAPORACION MILIMETROS			TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO GRADOS CENT.				
	0HR	20HR	SUMA	PC	TA	TC	MAX	MIN	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	
1	0.0	0.0	0.0		4.2		34.0	22.0	28.0	25.0	32.4	24.0	27.1	83	50	83	75	22	23	21	22	
2	0.0	2.0	2.0		5.0		33.5	19.0	26.3	21.0	32.0	23.6	25.5	91	54	78	74	19	22	20	20	
3	0.0	1.2	1.2		5.0		32.5	18.0	25.3	22.0	32.0	23.0	25.7	91	54	83	76	20	22	20	21	
4	0.0	13.5	13.5				32.0	18.5	25.3	23.0	31.6	23.4	26.0	91	51	80	74	21	20	20	20	
5	0.0	2.0	2.0		4.7		33.0	20.0	26.5	24.0	32.0	23.0	26.3	91	54	74	73	23	22	18	21	
6	0.0	3.2	3.2				32.5	21.0	26.8	25.0	32.0	24.0	27.0	92	52	75	73	24	21	19	21	
7	0.0	6.2	6.2		6.2		32.0	19.5	25.0	23.5	31.0	23.2	25.9	92	54	73	73	22	20	18	20	
8	0.0	0.0	0.0		2.0		32.0	22.0	27.0	24.0	31.4	25.0	26.8	91	53	76	74	23	21	20	21	
9	0.0	11.5	11.5		11.5		32.5	21.0	26.8	24.0	32.0	23.0	26.6	91	54	77	74	23	22	19	21	
10	0.0	42.5	42.5		12.5		32.0	20.0	26.8	23.0	31.0	23.0	25.7	96	54	74	75	22	20	13	20	
11	0.0	7.4	7.4		7.4		32.5	20.5	26.5	23.4	32.0	23.2	26.2	90	54	73	72	22	22	18	20	
12	0.0	0.0	0.0		2.0		32.0	21.0	26.5	24.0	31.0	24.0	26.3	91	54	75	73	23	20	19	21	
13	0.0	0.0	0.0		2.6		32.5	21.5	27.0	23.0	32.0	24.6	26.8	90	54	74	73	22	22	20	21	
14	0.0	56.7	56.7				33.0	20.5	26.8	24.0	32.0	24.0	26.7	90	54	83	76	22	22	21	22	
15	0.0	0.0	0.0		2.0		33.0	21.5	27.3	25.0	32.0	25.0	27.3	83	57	73	71	22	22	20	21	
16	0.0	48.0	48.0				32.5	21.0	26.8	25.0	32.0	24.0	27.0	83	54	67	68	22	22	18	20	
17	0.0	36.7	36.7				33.0	21.0	27.0	24.0	32.0	23.6	26.5	80	53	70	70	22	21	18	20	
18	0.0	0.0	0.0		2.0		32.0	21.0	26.5	23.6	31.0	24.4	26.3	95	54	80	76	23	20	21	21	
19	0.0	0.0	0.0		2.6		33.0	21.0	27.0	25.2	32.0	24.0	27.1	90	54	75	73	23	22	19	21	
20	0.0	3.6	3.6		7.2		32.0	21.0	26.5	24.6	32.0	23.6	26.7	87	49	70	68	22	20	13	20	
21	0.0	0.0	0.0		2.8		32.0	21.0	26.5	23.6	31.0	24.0	26.2	89	54	75	72	21	20	19	20	
22	0.0	2.9	2.9		4.9		33.0	20.5	26.8	23.0	32.0	23.0	26.0	91	51	74	72	21	21	18	20	
23	0.0	0.0	0.0		3.0		32.5	21.5	27.0	23.4	32.0	24.0	26.5	91	49	83	74	22	20	21	21	
24	0.0	0.0	0.0		3.0		33.0	21.5	27.3	26.0	32.0	25.0	27.7	72	54	83	70	21	22	22	21	
25	0.0	17.0	17.0		9.0		33.0	22.0	27.5	24.0	32.0	23.0	26.3	91	56	83	77	23	22	20	21	
26	0.0	2.6	2.6		2.6		32.5	21.0	26.8	23.0	32.0	23.0	26.0	95	49	74	73	22	20	18	20	
27	0.0	0.0	0.0		2.0		32.5	21.5	27.0	24.6	32.0	24.0	26.9	87	54	75	72	22	22	19	21	
28	0.0	0.0	6.0		8.0		32.5	21.0	26.8	24.0	32.0	24.0	26.7	86	54	75	72	22	22	19	21	
29	6.0	1.7	1.7		4.7		33.0	22.0	27.5	24.0	32.4	25.0	27.4	90	58	76	75	23	23	20	22	
30	0.0	6.3	6.3		6.3		32.5	22.0	27.3	24.0	32.0	24.4	27.1	92	54	72	73	23	22	19	21	
TOT	6.0	265.0	271.0																			
PRO							32.6	20.8	26.7	23.9	31.8	23.9	26.5	89.3	53.7	76.1	73.0	22.1	21.3	19.3	20.7	
MAX	6.0	56.7	56.7		12.5		34.0	22.0	28.0	26.0	32.4	25.0	27.7	96.0	58.0	83.0	77.0	24.0	23.0	22.0	22.0	
MIN	0.0	0.0	0.0		2.0		32.3	18.0	25.3	21.0	31.0	23.0	25.5	72.0	49.0	67.0	63.0	19.0	20.0	13.0	20.0	

DIAS DE LLUVIA 19

MOD. JM11-26.12.83

! REPORTE CLIMATOLOGICO DEL MES Sep ! AÑO 1990 !  
 !!!

CODIGO 0102      ! CUENCA MASACRE      ! ESTACION DON MIGUEL  
 TIPO: CL1    ! LATITUD: 19 30 10    ! LONGITUD: 71 40 40    ! ELEVACION:    45

DIA	DIREC. VIENTO 08HR 14HR 20HR			VELOCIDAD DEL VIENTO				VEL. VIENTO				NUBOSIDAD				RADIACION				INSOLACION				PRESION ATMOSFERICA						
				MTS POR SEG. (3 MS)				MS/SEG (1M)				OCTAVOS				CAL/CM2/DIA				SOLAR				MILIBARES						
				08HR	14HR	20HR	PROM	08HR	14HR	20HR	PROM	08	14	20	PROM	08	14	20	PROM	08	14	20	PROM	08	14	20	PROM			
1	NE	NW	NW					1.1				0	2	0	1															
2	NW	NW	NW					0.1				0	4	6	3															
3	NE	NW	NW					0.1				0	4	6	3															
4	NW	NE	SE					0.9				2	6	8	5															
5	NW	NW	NW					0.1				2	4	8	5															
6	NW	NW	NW					0.1				4	4	8	5															
7	NW	NW	SE					0.1				2	4	8	5															
8	SE	NE	NW					0.1				4	2	8	5															
9	N	NE	SE					1.2				4	6	8	6															
10	NE	NW	NE					0.1				4	4	8	5															
11	NE	NE	SE					0.1				0	4	8	4															
12	NE	NE	SE					0.1				0	2	2	1															
13	SE	NW	NW					0.1				0	2	8	3															
14	NW	NW	NE					1.2				0	2	8	3															
15	NE	NE	SE					0.1				2	2	4	3															
16	SE	NE	NW					0.1				0	4	8	4															
17	NW	NE	SE					0.1				2	4	8	5															
18	SE	NE	NW					0.1				0	2	2	1															
19	NW	NE	NW					0.1				0	2	6	3															
20	NW	CA	SE					0.1				0	0	6	2															
21	SE	NE	NW					0.1				0	4	4	3															
22	NW	SE	NW					0.1				0	4	4	3															
23	NW	NE	NE					0.1				0	2	6	3															
24	SE	NE	SE					0.1				0	4	4	3															
25	SE	NE	SE					0.1				0	6	6	4															
26	SE	NE	NE					0.1				4	2	4	3															
27	NE	NE	SE					0.1				0	2	8	3															
28	SE	NE	SE					0.1				0	4	8	4															
29	SE	NE	NW					0.1				0	4	8	4															
30	NW	NE	NE					0.1				0	6	8	5															
=====																														
TOT																														
PRO								0.2				1	3	6	3															
MAX								1.2				4	6	8	6															
MIN								0.1				0	0	0	1															

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 43  
 Fecha : 08/29/91  
 Hora : 13:21:28

REPORTE CLIMATOLOGICO DEL MES Oct AÑO 1990

CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	LLUVIA MILIMETROS			EVAPORACION MILIMETROS			TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO 690S CENT			
	0HR	20HR	SUMA	FC	TA	TC	MAX	MIN	PRON.	0HR	14HR	20HR	PRON.	0HR	14HR	20HR	PRON.	0HR	14HR	20HR	PRON.
1	0.0	17.5	17.5	5.5	33.0	22.0	27.5	24.4	32.0	24.2	26.9	86	54	82	74	22	22	21	21		
2	0.0	0.0	0.0	2.5	33.0	21.0	27.0	23.6	32.4	25.0	27.0	93	58	79	77	22	23	21	22		
3	0.0	0.0	0.0	3.0	33.5	22.5	28.0	25.0	32.6	26.0	27.9	92	54	76	74	24	22	21	22		
4	0.0	6.4	6.4	6.4	32.0	21.0	26.5	24.4	31.0	25.2	26.9	86	59	77	74	22	22	21	22		
5	0.0	32.7	32.7	0.7	31.0	22.0	26.5	25.0	30.0	23.0	26.0	88	59	74	74	23	21	18	21		
6	0.0	2.4	2.4	6.4	32.0	20.5	26.3	23.0	31.0	23.2	25.7	96	56	73	75	22	21	18	21		
7	0.0	11.8	11.8		32.0	21.0	26.5	23.6	31.0	23.0	25.9	91	54	83	76	22	20	20	21		
8	0.0	0.0	0.0	2.0	32.0	21.0	26.5	24.6	31.0	24.0	26.5	93	59	83	79	23	22	21	22		
9	0.0	1.2	1.2	3.6	33.0	22.0	27.5	25.6	32.0	23.4	27.0	87	60	72	73	23	23	18	22		
10	0.0	0.0	0.0	3.0	33.5	22.0	27.0	25.0	33.0	24.2	27.4	87	61	74	74	23	24	19	22		
11	0.0	14.9	14.9	6.9	33.0	22.0	27.5	24.0	32.4	24.0	27.1	88	58	83	77	23	23	21	22		
12	0.0	01.0	01.0	6.0	32.0	21.0	26.5	23.8	31.4	23.0	26.3	93	52	85	76	23	20	21	21		
13	0.0	7.1	7.1	7.1	32.5	21.5	27.0	23.6	32.0	23.0	26.2	96	54	83	78	23	22	20	22		
14	0.0	16.0	16.0	5.0	30.5	21.0	25.0	22.0	30.0	23.0	25.3	93	65	74	77	22	23	18	21		
15	0.0	0.0	0.0	1.5	31.0	20.5	25.0	25.0	30.0	24.0	26.3	92	59	86	79	24	21	22	22		
16	0.0	0.0	0.0	3.0	32.0	22.0	27.0	24.0	31.0	25.0	26.7	91	54	76	74	23	20	20	21		
17	0.0	0.0	0.0	3.2	32.0	20.5	26.3	22.4	30.0	24.0	25.5	88	65	75	76	20	23	19	21		
18	0.0	0.0	0.0	3.3	32.5	21.0	26.0	24.4	32.0	25.2	27.2	90	54	82	75	23	22	22	22		
19	0.0	1.5	1.5	5.0	32.5	20.5	26.5	23.8	32.0	23.4	27.1	90	54	80	75	22	22	22	22		
20	0.0	0.0	0.0	3.5	32.5	19.5	26.0	23.6	32.0	25.2	26.9	85	60	85	77	21	23	23	22		
21	0.0	0.0	1.9	5.1	32.0	21.0	26.5	22.6	31.0	24.6	26.1	95	54	79	76	22	20	21	21		
22	1.9	0.0	0.9	4.3	31.0	21.0	26.0	23.0	30.0	26.0	26.6	90	59	76	75	22	21	21	21		
23	0.9	0.0	0.0	3.3	32.0	21.0	26.5	23.2	31.0	25.0	26.4	93	59	83	79	22	22	22	22		
24	0.0	0.0	0.0	3.3	32.5	21.0	26.0	23.6	31.4	25.4	26.0	93	59	82	78	22	22	22	22		
25	0.0	0.0	0.0	3.5	30.0	22.0	26.0	24.2	29.0	24.6	25.9	85	65	82	77	21	22	21	22		
26	0.0	0.0	0.0	3.4	30.0	22.0	26.0	24.2	29.0	24.6	25.9	85	65	82	77	21	22	21	22		
27	0.0	5.6	5.6	5.6	31.0	22.5	26.0	24.0	30.0	23.6	25.9	95	64	86	82	23	22	21	22		
28	0.0	0.0	0.0	3.0	31.0	22.0	26.5	24.0	30.0	24.0	26.0	93	65	83	80	23	23	21	22		
29	0.0	0.0	23.6	7.6	30.5	21.5	26.0	25.0	30.0	23.0	26.0	90	67	83	80	23	23	20	22		
30	23.6	0.0	3.5	3.5	31.0	21.0	26.0	23.0	30.0	23.0	25.6	95	65	85	81	22	23	21	22		
31	3.5	0.0	7.5	3.5	32.0	21.0	26.5	24.0	31.0	24.0	26.3	85	59	83	76	21	22	21	21		
TOT	29.9	198.9	236.3																		
PRO					31.9	21.3	26.6	24.0	31.0	24.3	26.4	90.5	59.0	80.2	76.6	22.3	22.0	20.6	21.6		
MAX	23.6	01.0	01.0	7.6	33.5	22.5	28.0	25.6	33.0	26.0	27.9	96.0	67.0	86.0	82.0	24.0	24.0	23.0	22.0		
MIN	0.0	0.0	0.0	0.7	30.0	19.5	25.0	22.4	29.0	23.0	25.3	85.0	52.0	72.0	73.0	20.0	20.0	19.0	21.0		

DIAS DE LLUVIA 17

MOD. JMLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 44  
 Fecha : 09/29/91  
 Hora : 13:21:32

REPORTE CLIMATOLOGICO DEL MES Oct AÑO 1990  
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CGOIGO 3102 CUCENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 40 40 ELEVACION: 45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO				NUROSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA				
	0HR	14HR	20HR	MTS POR SEG. (3 MS)		MS/SEG (1M)		OCTAVOS				CAL/CM2/DIA		SOLAR		HORAS		NILIBARES						
				0HR	14HR	20HR	PROM	PROM	PROM	PROM	PROM	PROM	PROM	INTENSIDAD					0HR	14HR	20HR	PROM		
1	NE	NW	SE					0.1		0	4	0	4											
2	SE	NE	NE					0.1		2	4	6	4											
3	NE	NE	NE					0.1		0	6	2	3											
4	NE	NE	NE					0.1		0	6	6	4											
5	SE	NW	NE					0.1		0	6	0	7											
6	NE	NE	SE					0.1		4	4	0	5											
7	SE	NW	SE					0.1		4	6	0	6											
8	NE	NE	SE					0.1		2	4	0	5											
9	NE	NE	SE					0.1		0	4	0	4											
10	SE	NW	NE					0.1		2	4	0	5											
11	NE	SE	SE					0.1		2	6	0	5											
12	SE	NE	SE					0.1		4	6	0	6											
13	NE	NE	SE					0.1		2	4	0	5											
14	SE	NE	NE					0.1		0	6	0	7											
15	NE	NW	SE					0.1		2	6	4	4											
16	SE	NW	NW					0.1		0	4	2	5											
17	SE	NW	NE					0.1		0	6	6	4											
18	NE	NE	SE					0.1		0	4	4	3											
19	SE	NE	NE					0.1		0	4	6	3											
20	NE	NW	SE					0.1		0	4	6	3											
21	SE	NW	NW					0.1		4	6	0	6											
22	NW	NE	NE					0.1		4	6	0	6											
23	NE	NW	SE					0.1		2	4	0	5											
24	SE	NW	NE					0.1		2	2	0	4											
25	NE	NW	SE					0.1		4	0	0	7											
26	NW	NW	SE					0.1		6	0	0	7											
27	SE	NE	NE					0.1		0	0	0	0											
28	NE	NE	SE					0.1		0	4	0	7											
29	SE	SE	SE					0.1		0	0	0	0											
30	SE	NE	NE					0.1		4	6	0	6											
31	NW	NW	NE					5.1		2	2	0	4											
TOT																								
PRO								0.3		3	5	7	5											
MAX								5.1		0	0	0	0											
MIN								0.1		0	2	2	3											

MOD. JMLL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INDRHI)  
 Dep. de Hidrología - Div. Hidrología Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 45  
 Fecha : 28/29/91  
 Hora : 13:22:82

REPORTE CLIMATOLOGICO DEL MES Nov AÑO 1990  
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CODIGO 0102 CUENCA MASACRE ESTACION DON MIGUEL  
 TIPO: CLI LATITUD: 19 30 10 LONGITUD: 71 43 40 ELEVACION: 45

DIA	LLUVIA MILIMETROS			EVAPORACION MILIMETROS PC	TEMP. EXTREMAS GRADOS CENT.			TEMPERATURA DEL AIRE GRADOS CENT.				HUMEDAD RELATIVA PORCIENTO				PUNTO DE ROCIO GRADOS CENT			
	0HR	20HR	SUMA		TA	TC	MAX	MIN	PROM	0HR	14HR	20HR	PROM	0HR	14HR	20HR	PROM	0HR	14HR
1	7.5	18.3	18.3	4.3	32.0	20.0	26.0	25.0	31.0	24.2	26.7	92	54	82	76	24	20	21	22
2	0.0	104.0	104.0		32.5	21.5	27.0	23.0	32.0	23.6	26.5	90	54	78	74	22	22	20	21
3	0.0	83.3	83.3	3.3	29.0	21.5	25.3	23.6	28.0	23.0	24.9	90	63	86	80	22	20	21	21
4	0.0	2.3	2.3	2.3	27.5	21.0	24.3	22.2	26.0	24.0	24.1	93	84	75	86	22	23	19	21
5	0.0	0.0	0.0		26.0	20.5	23.3	21.4	24.0	23.4	22.9	96	95	80	90	21	23	20	21
6	0.0	0.0	0.0	1.0	31.0	20.5	25.0	22.4	30.0	23.0	25.1	96	59	74	76	22	21	18	20
7	0.0	0.0	0.0	1.6	30.0	20.0	25.0	23.0	29.0	24.4	25.5	96	64	72	73	22	22	19	21
8	0.0	0.0	0.0	2.0	31.5	22.0	26.8	24.0	31.0	25.0	26.7	91	56	76	74	23	21	20	21
9	0.0	0.0	0.0	2.5	32.0	21.0	26.5	23.0	31.0	25.4	26.5	91	59	73	74	21	22	20	21
10	0.0	0.0	0.0	3.0	32.5	21.0	26.0	24.0	32.0	26.0	27.3	90	53	76	73	22	21	21	22
11	0.0	4.5	4.5	4.5	32.0	22.0	27.0	24.6	31.6	25.0	27.1	93	51	76	73	23	20	20	21
12	0.0	0.0	0.0	3.0	32.5	20.0	26.3	22.6	32.0	23.6	26.1	95	51	78	75	22	21	20	21
13	0.0	0.0	0.0	3.0	32.0	19.5	25.0	21.6	31.6	24.0	25.7	94	51	83	76	21	20	21	21
14	0.0	0.0	0.0	2.6	32.0	19.5	25.0	21.0	31.2	23.0	25.1	94	54	83	77	20	21	20	20
15	0.0	0.0	0.0	3.0	32.5	18.0	25.3	21.2	32.0	23.6	25.6	84	54	86	75	18	22	21	20
16	0.0	0.0	0.0	2.0	30.0	19.0	24.5	22.6	29.0	23.0	24.9	86	64	74	75	20	22	18	20
17	0.0	0.0	0.0	2.0	31.0	19.0	25.0	21.8	29.4	23.6	24.9	89	63	78	77	20	22	20	20
18	0.0	6.6	6.6	6.6	27.0	20.5	23.0	23.0	26.0	22.8	23.9	89	79	76	82	21	22	18	21
19	0.0	0.0	0.0		26.0	21.0	23.5	22.6	25.2	23.0	23.6	95	82	83	86	22	22	20	21
20	0.0	0.0	19.2	2.2	29.0	21.5	25.3	24.0	27.0	23.6	24.9	88	77	73	78	22	23	18	21
21	19.2	0.0	0.0		24.0	21.5	22.0	22.0	22.6	22.0	22.2	95	95	82	90	21	22	19	21
22	0.0	0.0	0.0		26.0	20.0	23.0	21.4	24.0	21.0	22.4	94	82	91	89	20	21	19	20
23	0.0	0.0	0.0	1.3	29.0	17.0	23.0	20.0	28.0	22.0	23.3	85	70	82	79	17	22	19	19
24	0.0	0.0	0.0	1.5	30.0	18.0	24.0	21.0	28.4	23.0	24.1	89	69	74	77	19	22	18	20
25	0.0	0.0	0.0	1.7	29.5	17.5	23.5	21.0	28.0	24.0	24.6	91	67	83	80	17	22	21	21
26	0.0	0.0	0.0	1.7	28.5	19.5	24.0	21.4	28.0	25.0	24.0	93	77	76	82	20	24	20	21
27	0.0	0.0	0.0	2.0	27.0	19.5	23.3	23.0	26.0	24.2	24.4	95	84	85	88	22	23	21	22
28	0.0	0.0	0.0	2.0	28.0	20.5	24.3	22.6	27.0	24.0	24.5	91	78	83	84	21	23	21	22
29	0.0	0.0	0.0	2.3	29.5	19.0	24.3	21.0	28.0	24.4	24.7	93	77	72	81	21	24	19	21
30	0.0	0.0	0.0	2.4	30.0	18.5	24.3	20.2	28.6	24.2	24.3	94	72	82	83	19	23	21	21

TOT	27.3	219.0	238.0					29.7	20.0	24.9	22.4	28.6	23.7	24.9	91.9	67.9	79.0	79.6	21.0	21.9	19.8	20.8
PRO																						
MAX	19.2	104.0	104.0	6.6	32.5	22.0	27.0	25.0	32.0	26.0	27.3	98.0	95.0	91.0	90.0	24.0	24.0	21.0	22.0			
MIN	0.0	0.0	0.0	1.0	24.0	17.0	22.0	20.0	22.6	21.0	22.2	84.0	51.0	70.0	73.0	17.0	20.0	18.0	19.0			

DIAS DE LLUVIA 0 MOD. JMWL-26.12.83

INSTITUTO NACIONAL DE RECURSOS HIDRAULICOS (INORHI)  
 Dep. de Hidrologia - Div. Hidrologia Superficial  
 BANCO DE DATOS HIDROLOGICO

Pag. No: 46  
 Fecha : 03/29/91  
 Hora : 13:22:06

! REPORTE CLIMATOLOGICO DEL MES Nov ! AÑO 1990 !  
 !!!

CODIGO 0102    ! CUENCA MASACRE    ! ESTACION DON MIGUEL  
 TIPO: CLI    ! LATITUD: 19 30 10    ! LONGITUD: 71 40 40    ! ELEVACION:    45

DIA	DIREC. VIENTO			VELOCIDAD DEL VIENTO				VEL. VIENTO		NUBOSIDAD				RADIACION		INSOLACION		PRESION ATMOSFERICA				
	08R	14HR	20HR	08R	14HR	20HR	PROM	M/S POR SEG. (3 MS)	M/S/SEG (1M)	OCTAVOS				CAL/CM2/DIA		SOLAR		MILIBARES				
										08H	14H	20H	PROM	INTENSIDAD	HORAS		08R	14HR	20HR	PROM		
1								0.4		8	4	8	7									
2	SE	NE	NE					0.1		8	2	8	6									
3	SE	NE	NE					0.1		8	8	8	8									
4	NW	NE	SE					0.0		8	8	8	8									
5	SE	NE	NE					0.0		4	8	8	7									
6	NE	NW	SE					0.0		6	4	8	6									
7	SE	NW	NE					0.0		8	4	8	7									
8	NW	NW	NE					0.0		8	6	6	7									
9	NE	SE	SE					0.0		8	4	4	5									
10	SE	SE	NE					0.0		2	2	4	3									
11	NE	NW	NW					0.1		2	4	8	5									
12								0.0		4	2	4	3									
13	SE	NW	NE					0.0		8	2	2	4									
14	NE	NE	NW					0.1		8	4	2	2									
15	NW	NE	SE					0.1		8	2	8	3									
16	SE	NW	SE					0.0		4	8	6	6									
17	SE	NE	NE					0.0		8	4	8	4									
18	NE	NW	NW					0.1		8	8	8	8									
19	SE	NW	NE					0.0		8	8	8	8									
20	NE	SE	NW					0.1		4	4	8	5									
21	NW	NW	NE					0.1		8	8	8	8									
22	NE	NE	NE					0.1		8	8	8	8									
23	NE	NE	SE					0.1		8	4	4	3									
24	SE	SE	NE					0.0		8	2	8	1									
25	NE	NE	SE					0.0		8	4	6	3									
26								0.1		4	6	6	5									
27	NW	NE	NE					0.1		4	8	8	7									
28	NE	NW	NE					0.1		6	6	8	7									
29	SE	NE	NW					0.0		8	6	6	7									
30	NW	NE	NE							4	6	6	5									
TOT																						
PRO										4	5	6	5									
MAX								0.4		8	8	8	8									
MIN								0.0		8	2	8	1									