FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA

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1963

TOMO III

ESTACIONES DE SEGUNDO Y TERCER ORDEN Y PUESTOS PLUVIOMETRICOS

CENTRO NACIONAL DE INVESTIGACIONES DE CAFE - CHINCHINA-COLOMBIA

ESTACIONES DE SEGUNDO Y TERCER ORDEN Y PUESTOS PLUVIOMETRICOS

1.963

FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA
GERENCIA TECNICA

DIVISION DE EXPERIMENTACION
Sección de Agroclimatología

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ESTACION Salazar MES Febrero AÑO 1963 φ = 20° 44' N λ = 72° 40' W.GR - ALTURA 1.000 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.4	24.0	19.1	19.9	25.5	16.8	15.1	13.2	14.6	16.5	14.8	89	65	100	85	6.7	3.5	—	—	24.5	24.5	1.4	00 0	00 0	00 0
2	18.3	23.3	19.4	20.1	24.5	17.8	16.3	14.9	14.2	16.4	15.2	95	66	97	86	6.7	0.5	0.1	—	0.2	6.9	1.0	00 0	00 0	00 0
3	19.1	23.0	20.1	20.6	24.5	17.7	16.8	16.2	15.1	17.5	16.3	98	71	100	90	10.0	0.5	6.7	—	5.6	11.6	1.0	00 0	00 0	00 0
4	19.4	23.2	19.4	20.3	24.0	18.5	18.0	16.9	16.0	16.3	16.4	100	74	96	90	10.0	—	6.0	—	—	—	0.3	00 0	00 0	00 0
5	19.1	25.2	21.1	21.6	26.3	18.0	17.0	16.0	17.0	18.3	17.1	97	71	98	89	3.3	3.8	—	—	—	—	1.1	00 0	00 0	00 0
6	20.3	24.4	19.0	20.7	25.2	17.4	15.5	16.8	14.6	16.5	16.0	95	64	100	86	0.0	1.5	—	0.1	91.1	115.8	1.0	00 0	00 0	00 0
7	19.4	24.0	21.1	21.4	25.0	17.0	15.5	16.1	16.5	16.7	16.4	95	73	90	86	0.0	6.6	24.5	—	—	—	1.3	00 0	00 0	00 0
8	19.4	25.4	21.1	21.7	27.0	18.0	17.0	16.6	14.6	16.7	16.6	98	60	99	86	6.7	6.9	—	—	1.4	6.7	1.0	00 0	00 0	00 0
9	19.4	23.1	19.4	20.3	23.8	19.0	18.0	16.3	15.8	16.9	16.3	96	74	100	90	10.0	—	5.3	1.1	8.6	9.7	0.3	00 0	08 3	16 3
10	19.0	24.3	20.2	20.9	26.3	17.5	16.0	15.1	16.5	17.4	16.3	91	73	98	87	3.3	5.3	—	—	—	—	1.3	00 0	08 2	00 0
11	18.1	27.2	20.3	21.5	28.0	17.4	16.0	14.0	15.6	16.1	15.2	91	58	91	80	0.0	8.0	—	—	—	1.4	2.2	00 0	16 3	00 0
12	17.9	25.3	21.0	21.3	27.0	17.5	17.0	14.6	14.0	15.7	14.8	95	58	85	79	0.0	1.1	1.4	—	—	—	1.4	00 0	00 0	00 0
13	18.0	27.2	20.3	21.4	28.0	17.0	15.5	14.9	13.3	16.1	14.8	98	48	91	78	0.0	8.9	—	—	9.1	12.1	2.3	00 0	08 2	16 2
14	18.3	23.2	19.4	20.1	25.5	17.9	17.0	15.4	12.8	15.2	14.5	98	60	90	83	0.0	5.6	3.0	—	—	—	1.3	00 0	16 3	00 0
15	17.6	25.0	20.1	20.7	25.5	13.8	13.0	13.1	12.5	16.2	13.9	87	52	93	77	0.0	7.2	—	—	—	—	2.3	16 2	16 1	00 0
16	18.0	24.2	19.2	20.1	25.0	16.5	15.0	15.2	14.8	16.2	15.4	98	65	97	87	0.0	3.1	—	—	—	—	1.3	00 0	08 2	16 2
17	18.2	26.1	20.2	21.2	27.5	15.7	16.0	14.9	14.7	16.4	15.3	95	48	93	79	0.0	7.1	—	—	—	—	2.0	00 0	16 3	00 0
18	18.2	25.0	19.2	20.4	26.5	17.7	16.3	14.0	14.2	15.3	14.5	90	60	91	80	0.0	5.6	—	—	—	—	2.0	00 0	00 0	00 0
19	19.0	21.1	19.2	19.5	23.0	17.7	17.0	15.2	16.0	16.7	16.0	93	87	100	93	0.0	0.4	—	6.2	—	6.2	1.0	00 0	00 0	00 0
20	20.5	26.3	19.2	21.3	27.0	18.0	17.0	17.1	12.8	16.7	15.5	95	50	100	82	0.0	1.9	—	—	25.6	31.7	1.2	00 0	00 0	00 0
21	19.1	22.4	19.1	19.9	24.0	18.0	17.0	16.5	16.1	15.5	16.0	100	80	94	91	0.0	0.7	6.1	0.6	—	0.6	0.4	00 0	00 0	00 0
22	18.0	26.0	20.3	21.1	26.5	16.0	15.1	14.7	16.2	17.3	16.1	95	65	97	86	0.0	5.2	—	—	—	16.7	0.4	00 0	08 1	00 0
23	19.0	25.0	20.1	21.0	26.0	17.7	17.0	15.2	14.2	16.4	15.3	93	60	94	82	0.0	3.2	16.7	—	—	—	1.0	00 0	08 2	00 0
24	18.2	25.0	20.4	21.0	26.0	16.9	15.8	12.9	15.4	17.7	15.3	82	65	98	82	0.0	3.2	—	—	—	—	1.2	00 0	08 2	00 0
25	18.1	25.0	20.4	21.0	26.0	17.0	16.0	13.1	12.6	17.3	14.3	85	53	97	78	3.3	4.8	—	—	—	—	1.2	16 1	00 0	00 0
26	18.0	25.4	19.9	20.8	26.6	16.2	15.3	14.0	13.6	16.0	14.5	91	56	93	80	0.0	6.8	—	—	—	—	1.4	00 0	16 2	00 0
27	17.0	26.2	19.2	20.4	27.5	16.1	15.0	13.1	12.4	15.1	13.9	90	48	91	76	0.0	6.4	—	—	—	—	1.0	16 1	00 0	00 0
28	17.0	26.4	20.0	20.8	27.0	15.8	14.7	13.2	11.1	14.9	13.1	91	43	85	73	0.0	5.6	—	—	—	—	2.2	00 0	08 2	00 0
29																									
30																									
31																									
MED.	18.5	24.7	19.9	20.8	25.9	17.2	16.1	15.0	14.5	16.5	15.3	94	62	95	84	2.1	4.1	2.5	0.3	5.9	8.7	1.3	— —	— —	— —

Total 244.0 m.m.

ESTACION Salazar MES Marzo AÑO 19 63 φ = 79° 44' N λ = 72° 40' W.GR - ALTURA 1.000 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.3	27.2	21.2	21.7	28.0	16.8	16.0	13.0	12.5	17.5	14.3	89	46	93	76	0.0	9.2	—	—	—	—	3.2	12 1	14 4	00 0
2	16.8	27.0	21.3	21.6	28.0	16.0	14.8	13.9	10.7	16.9	13.8	97	40	90	76	0.0	9.0	—	—	—	—	3.7	16 1	08 3	00 0
3	19.2	26.3	18.3	20.5	26.6	17.5	16.0	15.0	10.2	13.1	12.8	90	40	64	71	0.0	4.8	—	—	—	—	2.3	00 0	08 2	00 0
4	18.2	25.0	19.4	20.5	26.0	16.0	15.1	13.3	13.8	15.5	14.2	85	58	92	78	1.7	4.3	—	—	—	—	2.2	00 0	16 4	00 0
5	17.2	26.2	19.4	20.5	28.0	16.0	14.0	13.5	12.4	15.3	13.7	92	48	91	77	0.0	6.7	—	—	—	—	2.1	00 0	00 0	00 0
6	15.2	28.0	17.0	19.3	29.0	14.0	12.0	10.7	11.3	13.1	11.7	83	40	90	71	1.7	7.9	—	—	—	—	3.0	00 0	08 3	00 0
7	17.2	26.0	21.2	21.4	27.0	16.8	15.1	13.7	15.8	14.9	14.8	93	52	85	77	1.7	7.6	—	—	—	—	2.4	00 0	16 4	00 0
8	19.0	24.4	19.4	20.5	25.5	17.0	16.0	14.1	16.1	15.2	15.1	86	70	90	82	0.0	0.3	—	—	0.2	0.2	1.2	00 0	00 0	00 0
9	17.4	25.2	19.2	20.2	26.0	16.5	15.5	14.2	14.4	15.0	14.5	96	60	90	82	0.0	1.5	—	—	—	—	1.4	00 0	08 2	16 1
10	19.0	24.2	20.2	20.9	25.5	18.0	16.5	14.1	13.6	15.1	14.3	86	60	85	77	0.0	1.3	—	—	—	—	1.4	00 0	00 0	00 0
11	19.2	25.1	20.4	21.3	25.5	16.5	15.5	15.1	13.1	14.8	14.3	91	55	83	76	3.3	1.4	—	—	—	—	1.4	00 0	00 0	00 0
12	19.2	24.4	20.2	21.0	27.0	18.0	17.0	15.0	14.5	16.1	15.2	90	63	91	81	3.3	1.9	—	—	—	—	2.0	00 0	08 1	00 0
13	19.0	25.0	21.0	21.5	26.0	18.0	17.0	14.9	14.2	17.1	15.4	91	60	92	81	6.7	1.2	—	—	0.3	0.3	1.2	00 0	00 0	00 0
14	18.1	25.1	20.4	21.0	26.2	17.0	15.5	14.2	14.2	16.0	14.8	91	60	90	80	0.0	4.2	—	—	—	—	1.3	16 1	08 2	00 0
15	19.0	26.0	21.2	21.8	26.8	18.0	17.0	15.2	13.4	15.6	14.7	93	53	83	76	3.3	1.8	—	—	—	—	1.4	00 0	00 0	00 0
16	20.2	27.0	21.0	22.3	27.0	18.5	17.9	15.1	12.2	15.6	14.3	85	45	84	71	0.0	1.2	—	—	—	—	1.4	00 0	14 2	14 2
17	20.0	26.0	20.2	21.6	27.0	17.5	16.5	14.9	14.9	16.1	15.3	85	60	91	79	0.0	3.5	—	—	—	—	2.0	00 0	00 0	00 0
18	21.2	27.2	21.0	22.6	27.5	19.0	18.0	15.6	14.1	15.7	15.1	83	52	85	73	0.0	1.5	—	—	—	—	1.4	00 0	00 0	00 0
19	19.4	27.4	20.9	22.1	28.0	17.0	16.0	15.2	15.1	17.5	14.9	90	55	95	80	3.3	2.2	—	—	—	—	2.9	00 0	00 0	00 0
20	19.4	29.2	21.3	22.8	30.0	18.4	17.0	15.2	12.7	17.3	15.1	90	41	91	74	0.0	9.5	—	—	—	—	3.3	00 0	08 3	00 0
21	18.2	29.2	21.4	22.5	29.5	17.0	15.5	14.2	12.2	16.9	14.4	91	40	89	73	0.0	7.9	—	—	—	—	3.2	00 0	08 3	16 2
22	19.3	29.2	21.4	22.8	29.5	17.8	17.0	13.8	12.2	17.1	14.4	83	40	90	71	3.3	8.1	—	—	—	—	3.3	00 0	08 3	00 0
23	19.2	24.0	19.4	20.5	25.5	17.0	16.0	15.0	16.0	15.3	15.4	90	73	90	84	6.7	1.3	—	—	—	—	1.1	00 0	00 0	00 0
24	19.2	23.5	19.4	20.4	25.0	17.6	17.0	14.1	11.6	16.7	14.1	85	53	99	79	6.7	1.5	—	—	19.8	21.2	1.3	00 0	00 0	00 0
25	19.0	22.0	19.2	19.8	23.0	17.5	16.5	16.2	15.0	16.4	15.9	98	76	98	91	0.0	0.1	1.4	—	0.2	1.9	0.3	00 0	00 0	00 0
26	18.4	22.4	19.2	19.8	23.5	17.0	16.0	15.3	14.8	16.4	15.5	96	72	98	89	5.0	0.1	1.7	—	0.8	1.1	1.0	00 0	00 0	00 0
27	19.2	24.3	20.3	21.0	25.0	17.0	15.8	16.7	13.5	16.4	15.5	100	90	93	84	5.0	0.8	0.3	—	—	—	1.0	00 0	00 0	00 0
28	20.0	27.2	21.2	22.4	28.0	18.0	17.0	15.2	12.3	17.2	14.9	87	45	92	75	3.3	4.5	—	—	—	—	2.1	16 1	08 2	00 0
29	21.0	27.4	22.4	23.3	28.4	18.5	18.0	15.7	14.8	18.2	16.2	85	53	90	76	0.0	5.0	—	—	—	—	2.0	00 0	04 3	00 0
30	20.4	26.0	21.3	22.2	27.5	18.8	18.0	17.3	15.6	17.9	16.9	96	62	95	84	0.0	2.2	—	—	—	—	1.4	00 0	08 3	00 0
31	19.2	25.1	20.3	21.2	26.6	17.5	16.0	15.1	16.3	17.6	16.3	91	68	98	86	10.0	2.3	—	—	77.6	152.4	1.0	00 0	08 2	00 0
MED.	18.8	25.9	20.3	21.3	26.8	17.3	16.2	14.7	13.7	16.1	14.8	90	55	90	78	2.1	3.7	0.1	—	3.2	5.7	1.9	— —	— —	— —

Total 177.1 m.m.

ESTACION Salazar MES Abril AÑO 1963 φ = 20° 44' N λ = 72° 49' W.GR - ALTURA 1.000 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	20.0	20.4	19.4	19.8	21.0	18.0	17.3	17.5	16.9	16.6	17.0	100	94	98	97	8.3	—	74.8	7.5	13.8	21.3	0.2	00 0	00 0	00 0
2	19.4	24.2	20.2	21.0	26.2	18.0	17.0	16.6	15.6	17.4	16.5	98	88	98	88	8.3	3.7	---	--	2.7	48.2	1.0	00 0	16 2	00 0
3	18.1	27.0	20.3	21.4	27.3	17.0	16.0	14.5	14.5	16.4	15.1	93	54	93	80	10.0	1.0	45.5	3.8	0.1	7.5	1.0	00 0	00 0	00 0
4	19.4	24.3	20.3	21.1	25.6	18.5	17.0	16.4	16.0	17.7	16.7	97	71	98	89	6.7	1.3	3.6	1.3	11.7	109.8	1.0	00 0	00 0	00 0
5	19.0	25.4	20.1	21.1	26.9	18.0	16.5	16.5	13.2	16.2	15.3	100	54	93	82	6.7	2.9	96.8	--	--	--	2.0	00 0	08 3	00 0
6	20.0	24.4	20.2	21.2	26.3	18.7	17.6	15.9	16.3	17.4	16.5	91	72	98	77	3.3	4.7	—	—	36.4	77.3	1.2	00 0	00 0	00 0
7	19.0	23.0	19.3	20.1	24.0	18.5	17.5	16.5	18.5	16.5	17.2	100	87	99	95	10.0	—	40.9	1.3	0.1	1.8	1.3	00 0	00 0	00 0
8	20.0	25.1	20.2	21.4	26.5	18.6	17.1	16.4	15.0	17.5	16.3	94	63	99	85	5.0	6.9	0.4	—	1.3	6.6	1.3	00 0	08 2	00 0
9	20.2	24.4	20.2	21.2	27.0	17.5	16.0	16.6	14.0	17.2	15.9	94	62	98	85	3.3	3.9	5.3	—	3.5	21.9	1.0	16 1	08 3	00 0
10	19.4	25.4	20.2	21.2	26.6	17.5	16.8	16.3	14.6	17.2	16.0	96	60	98	85	6.7	3.4	18.4	—	5.0	19.1	1.3	00 0	00 0	00 0
11	20.0	25.2	21.0	21.8	26.4	18.5	17.0	16.2	15.7	15.7	15.9	93	65	85	81	6.7	5.9	14.1	—	—	—	1.2	00 0	16 4	00 0
12	19.4	25.3	21.1	21.7	26.0	18.0	17.0	16.3	16.4	17.5	16.7	96	68	93	86	6.7	4.6	—	—	—	—	1.0	00 0	00 0	00 0
13	18.4	26.0	23.0	22.6	28.0	18.0	17.0	15.2	15.7	13.8	14.9	95	63	65	74	0.0	7.6	—	--	—	—	2.0	00 0	00 0	00 0
14	19.3	24.1	20.3	21.0	25.0	17.5	16.3	15.1	15.4	17.3	15.9	91	68	97	85	3.3	4.8	—	4.0	0.7	4.7	2.0	00 0	10 3	00 0
15	20.1	28.0	20.4	22.2	29.5	19.5	18.0	16.1	14.3	17.7	16.0	91	50	98	80	5.0	4.3	—	—	16.6	83.1	2.0	00 0	00 0	00 0
16	20.0	26.4	22.2	22.7	29.2	18.6	17.2	17.1	13.9	18.7	16.6	97	54	93	81	6.7	7.4	66.5	—	--	15.0	2.1	00 0	00 0	00 0
17	20.0	24.0	20.8	21.4	26.2	19.0	18.5	16.1	14.9	18.4	16.5	92	60	100	84	3.3	2.2	15.0	0.4	2.9	6.9	1.0	00 0	00 0	00 0
18	20.6	24.0	19.4	20.8	25.5	19.0	18.5	18.0	15.9	16.6	16.8	100	72	98	90	5.0	0.1	3.6	--	1.5	1.8	0.2	08 1	16 3	00 0
19	21.3	25.0	20.0	21.6	25.9	19.4	18.0	15.5	16.7	15.9	16.0	81	70	91	81	0.0	3.7	0.3	0.1	--	0.1	1.0	00 0	00 0	00 0
20	21.0	23.2	21.0	21.5	24.0	19.0	18.0	17.7	15.1	17.7	16.8	95	71	95	87	6.7	1.0	—	0.3	—	0.3	1.0	00 0	00 0	00 0
21	19.3	24.4	21.0	21.4	25.2	18.0	17.0	14.7	15.6	17.4	15.9	88	68	93	83	0.0	1.9	--	—	1.6	1.6	1.2	00 0	00 0	00 0
22	19.1	25.0	21.0	21.5	25.6	18.0	17.2	15.1	14.2	17.2	15.5	91	60	93	81	0.0	3.8	—	—	—	—	1.1	00 0	00 0	00 0
23	19.4	26.6	21.4	22.2	28.5	17.8	17.0	16.6	13.6	18.4	16.2	98	52	96	82	0.0	5.8	—	—	—	1.2	1.4	00 0	00 0	00 0
24	20.1	25.1	19.0	20.8	28.0	19.3	18.0	16.2	14.6	15.2	15.3	90	62	93	82	6.7	2.9	1.2	—	8.7	9.8	1.3	00 0	16 3	00 0
25	19.4	26.0	20.4	21.5	28.0	18.0	17.0	15.3	12.9	16.5	14.9	91	51	92	78	0.0	4.1	1.1	—	—	—	2.1	00 0	00 0	00 0
26	19.4	27.3	20.4	21.9	28.3	18.0	17.0	15.0	12.1	17.7	14.9	89	44	96	77	0.0	6.1	—	--	0.1	1.0	2.0	00 0	16 3	00 0
27	20.0	25.1	21.2	21.9	28.0	18.5	17.2	17.4	15.4	17.9	16.9	98	65	95	86	0.0	5.1	0.9	—	—	—	1.5	00 0	16 3	00 0
28	20.2	26.2	20.3	21.7	28.0	17.5	16.5	16.1	14.3	17.8	16.0	92	56	99	82	5.0	4.0	—	—	34.2	37.5	1.3	00 0	00 0	16 3
29	20.2	23.4	19.4	20.6	24.5	18.5	17.5	16.3	14.6	16.6	15.8	93	67	98	86	6.7	—	3.3	--	8.1	12.6	0.4	00 0	00 0	00 0
30	20.0	22.0	20.0	20.5	24.5	19.0	18.5	17.5	16.7	17.4	17.2	100	84	99	94	3.3	—	4.5	3.8	14.6	22.7	0.2	00 0	00 0	16 1
31																									
MED.	19.7	24.9	20.4	21.4	26.5	18.3	17.2	16.2	15.1	17.0	16.1	94	64	95	84	4.4	3.4	13.2	0.8	5.4	17.1	1.3	--	--	--

Total 511.8 m.m.

ESTACION Salazar MES Mayo AÑO 19 63 φ = 79 44' N λ = 720 49' W.GR - ALTURA 1.000 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	20.0	24.1	20.3	21.2	26.0	18.8	18.0	17.2	16.6	17.7	17.2	98	74	98	90	3.3	3.4	4.3	—	0.5	3.5	1.0	00 0	16 2	00 0
2	20.1	23.1	20.1	20.8	24.0	19.0	18.0	16.3	17.4	16.4	16.7	92	83	93	89	10.0	—	3.0	38.9	0.4	39.3	0.3	00 0	00 0	00 0
3	20.0	24.9	21.0	21.7	25.5	19.0	18.5	16.1	17.7	17.3	17.0	92	75	93	87	3.3	3.3	—	—	—	—	1.0	00 0	00 0	00 0
4	20.3	26.4	21.3	22.3	27.5	19.0	18.6	16.0	16.7	18.6	17.1	90	64	97	84	0.0	5.6	—	—	—	—	1.4	00 0	16 1	00 0
5	20.6	26.2	20.0	21.7	27.5	19.5	18.3	16.2	15.5	16.6	16.1	90	60	95	82	5.0	5.9	—	—	50.0	73.3	1.3	00 0	00 0	00 0
6	19.4	26.2	21.4	22.1	28.0	18.8	18.0	16.3	16.1	18.8	17.1	96	63	96	86	0.0	3.6	23.3	—	—	4.9	1.3	00 0	08 3	00 0
7	20.0	20.4	20.0	20.1	26.5	18.5	17.5	17.2	16.0	16.6	16.6	96	90	95	94	10.0	0.9	4.9	13.1	10.9	24.5	1.0	00 0	00 0	00 0
8	20.0	25.0	20.4	21.4	26.0	19.0	17.0	17.2	15.6	17.7	16.8	98	66	98	88	3.3	3.9	0.5	0.1	20.1	70.6	1.0	00 0	00 0	00 0
9	19.1	24.3	19.2	20.4	26.0	17.8	17.0	16.7	15.6	16.4	16.2	99	66	98	88	3.3	1.8	50.4	—	52.3	65.0	0.4	00 0	08 3	00 0
10	19.1	24.3	20.0	20.8	24.5	18.5	17.0	16.7	16.8	17.5	17.0	100	74	100	91	5.0	—	12.7	4.9	1.6	18.5	0.4	00 0	00 0	00 0
11	19.4	24.2	19.3	20.5	27.0	17.8	17.0	16.4	17.3	16.4	16.7	97	76	98	90	3.3	5.7	12.0	—	9.7	9.7	1.1	00 0	08 1	00 0
12	19.2	25.3	20.4	21.3	27.0	17.0	16.5	14.0	16.7	18.0	16.2	84	68	100	84	3.3	4.1	—	--	3.2	5.9	1.1	00 0	00 0	00 0
13	20.2	27.2	21.1	22.8	27.5	19.0	18.0	16.4	16.5	17.1	16.7	93	61	91	82	6.7	5.2	2.7	—	25.0	57.8	1.1	00 0	00 0	00 0
14	19.2	24.1	19.2	20.4	26.5	18.8	18.0	16.4	15.7	16.5	16.2	98	70	99	89	10.0	1.7	32.8	—	22.1	22.3	1.1	00 0	00 0	00 0
15	19.0	25.2	20.0	21.0	27.5	17.0	16.5	15.2	15.8	16.6	15.9	93	66	95	85	3.3	4.5	0.2	—	2.1	2.1	1.2	00 0	00 0	00 0
16	21.1	21.2	19.0	20.1	25.5	18.0	17.0	18.2	17.2	16.3	17.2	98	92	99	96	5.0	0.7	—	2.2	0.8	3.0	1.2	00 0	00 0	00 0
17	20.0	27.2	20.3	21.9	28.0	18.0	17.0	14.7	15.3	17.3	15.8	84	57	97	79	5.0	7.6	—	—	25.4	62.6	2.0	00 0	16 2	00 0
18	21.0	23.3	20.3	21.2	26.3	18.5	17.0	17.0	14.6	17.3	16.3	91	68	98	86	8.3	2.2	37.2	6.9	—	6.9	1.0	00 0	00 0	00 0
19	20.4	24.3	21.0	21.8	26.0	18.0	17.0	16.0	15.6	17.5	16.4	90	68	94	84	3.3	3.6	—	—	1.2	12.9	1.4	00 0	00 0	00 0
20	20.1	26.1	20.2	21.6	27.0	19.0	18.0	17.8	14.9	17.6	16.8	100	60	99	86	0.0	4.4	11.7	—	1.0	1.0	1.2	00 0	08 3	00 0
21	20.0	26.0	20.8	21.9	27.0	18.8	17.5	16.2	14.1	17.3	15.9	93	56	94	81	0.0	2.5	—	—	—	—	2.0	00 0	00 0	00 0
22	20.3	26.3	20.3	21.8	28.0	18.5	17.5	16.6	15.5	16.4	16.2	94	60	93	82	5.0	8.0	—	—	—	—	2.0	00 0	00 0	00 0
23	20.2	28.1	21.2	22.8	28.5	17.0	16.5	16.1	12.7	17.5	16.1	91	44	93	76	0.0	8.6	—	—	—	—	2.1	00 0	08 3	00 0
24	20.3	25.1	20.1	21.4	27.5	18.5	18.0	16.1	15.0	16.2	15.8	91	63	91	82	0.0	2.8	—	—	—	—	2.0	00 0	04 1	00 0
25	20.1	26.3	21.0	22.1	27.0	17.5	17.0	16.0	14.8	17.8	16.2	91	58	96	82	0.0	3.8	—	—	0.2	6.8	1.4	00 0	00 0	00 0
26	20.0	23.3	20.0	20.8	25.0	19.0	18.0	17.5	17.6	17.2	17.4	100	83	98	94	10.0	1.2	6.5	2.8	4.5	11.4	0.4	00 0	00 0	00 0
27	19.2	24.0	20.0	20.8	25.5	18.5	17.0	16.4	16.5	17.5	16.8	97	73	100	90	10.0	2.0	4.1	0.1	0.5	0.6	1.0	00 0	00 0	00 0
28	20.0	25.1	21.0	21.8	26.8	18.0	17.2	17.1	12.5	17.0	15.5	97	52	91	80	0.0	3.6	—	—	1.0	1.0	1.0	00 0	00 0	00 0
29	20.2	26.4	21.1	22.2	27.5	17.5	17.0	15.9	12.6	16.9	15.1	90	48	90	76	0.0	6.9	—	—	—	—	2.0	00 0	16 3	16 3
30	20.0	27.3	21.4	22.5	28.0	17.5	17.0	16.2	13.5	17.6	15.8	93	50	92	78	0.0	5.2	—	—	—	2.1	1.4	00 0	08 3	00 0
31	20.4	28.0	21.4	22.8	28.2	18.5	17.5	16.3	15.1	16.9	16.1	91	53	89	78	0.0	9.7	2.1	—	—	—	2.1	16 1	08 1	00 0
MED.	20.0	25.1	20.4	21.5	26.7	18.3	17.4	16.4	15.6	17.2	16.4	94	66	96	85	3.8	4.0	6.7	2.2	7.7	16.5	1.2	--	--	--

Total 511.1 m.m.

ESTACION Salazar MES Junio AÑO 19 63 φ = 20 44' N λ = 129 49 W.GR - ALTURA 1.000 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	22.1	27.1	21.2	22.9	28.0	18.0	17.5	17.2	14.5	16.9	16.2	86	54	90	77	1.7	5.0	—	0.2	—	0.2	2.0	00 0	16 1	00 0
2	19.4	25.2	21.2	21.7	27.0	18.5	17.0	16.3	15.3	17.1	16.2	98	64	91	84	0.0	4.6	—	—	—	—	2.0	00 0	08 2	00 0
3	21.0	26.4	20.0	21.8	27.0	17.5	17.0	15.7	15.0	16.2	15.6	85	58	93	79	0.0	3.4	—	—	1.3	1.3	1.4	00 0	08 2	00 0
4	20.1	27.2	21.0	22.3	28.0	17.0	16.0	14.6	13.3	15.7	14.5	82	48	85	72	0.0	8.2	—	—	—	—	2.0	00 0	08 2	00 0
5	20.4	26.4	20.4	21.9	27.0	18.5	17.5	16.5	14.7	16.5	15.9	93	57	92	81	0.0	3.3	—	—	—	—	1.4	16 1	08 2	00 0
6	19.1	27.4	21.2	22.2	28.5	17.5	16.5	15.3	13.5	17.2	15.3	92	50	92	78	0.0	9.9	—	—	—	—	2.2	00 0	08 2	00 0
7	20.2	27.4	21.1	22.4	28.5	18.0	17.0	14.9	13.5	15.9	14.8	86	50	85	74	0.0	8.6	—	—	—	—	2.2	16 1	08 2	16 1
8	20.4	27.0	20.4	22.0	28.5	17.5	17.0	15.9	15.2	17.3	16.1	89	57	97	81	0.0	3.7	—	—	0.5	3.5	1.4	00 0	08 2	00 0
9	21.0	26.4	21.3	22.5	27.8	17.5	16.0	17.3	15.3	18.6	17.1	93	59	97	83	0.0	3.9	3.0	—	—	3.8	1.3	00 0	00 0	00 0
10	20.0	26.4	20.0	21.6	27.0	18.0	17.0	16.1	14.2	16.6	15.6	93	55	95	81	6.7	2.8	3.8	11.9	—	11.9	0.2	00 0	08 1	00 0
11	21.1	26.2	19.3	21.5	27.0	17.0	15.5	14.7	11.4	12.6	12.9	78	44	76	66	0.0	5.2	—	—	—	—	2.2	00 0	16 1	08 1
12	17.2	28.3	20.4	20.6	29.0	14.5	13.0	11.1	11.5	15.3	12.6	75	40	85	67	0.0	9.1	—	—	—	—	3.2	16 1	08 3	00 0
13	21.1	28.2	19.4	22.0	29.0	19.5	18.0	15.8	13.3	14.7	14.6	84	46	88	73	0.0	2.1	—	—	1.3	1.3	2.1	00 0	08 2	08 2
14	21.0	26.3	21.2	22.4	29.0	14.5	14.0	15.6	12.8	15.8	14.7	84	50	84	73	0.0	7.4	—	—	—	—	2.2	00 0	06 3	00 0
15	20.3	25.0	19.3	21.0	26.5	17.5	17.0	14.6	13.4	15.4	14.5	83	56	93	77	0.0	1.6	—	—	—	—	2.0	00 0	00 0	00 0
16	19.4	28.1	20.3	22.0	29.0	16.5	16.0	14.7	11.3	14.9	13.6	88	40	84	71	0.0	9.8	—	—	—	—	3.0	00 0	16 3	00 0
17	20.3	27.3	20.3	22.0	28.5	17.5	16.5	14.6	12.3	15.9	14.3	83	45	90	73	0.0	7.6	—	—	—	—	2.4	00 0	00 0	00 0
18	20.3	24.2	20.2	21.2	28.5	17.5	17.0	15.1	15.9	14.6	15.2	85	70	82	79	0.0	3.2	—	—	—	—	2.0	00 0	00 0	00 0
19	19.2	26.4	20.3	21.5	27.2	17.0	16.0	15.0	13.7	16.1	14.9	90	53	91	78	0.0	5.5	—	0.1	0.1	0.2	2.0	00 0	00 0	00 0
20	21.3	25.1	20.0	21.6	28.5	18.0	17.0	15.9	13.3	15.9	15.0	89	56	91	77	0.0	5.8	—	—	0.4	0.4	2.2	00 0	00 0	00 0
21	19.4	24.1	20.4	21.1	27.0	18.5	18.0	16.6	16.1	17.3	16.7	98	73	97	89	0.0	2.2	—	0.8	0.5	1.3	0.3	00 0	00 0	00 0
22	19.2	26.0	20.2	21.4	27.0	16.5	15.5	15.0	12.7	16.4	14.7	90	50	93	78	0.0	6.5	—	—	—	—	2.0	00 0	06 2	00 0
23	21.3	27.2	20.1	22.2	29.0	16.5	15.0	15.8	13.3	15.1	14.7	84	49	85	73	0.0	4.4	—	—	—	—	2.2	00 0	00 0	00 0
24	21.1	27.4	19.3	21.8	28.5	16.0	15.0	14.7	12.4	15.1	14.1	78	45	90	71	0.0	7.2	—	—	—	—	3.0	00 0	16 3	00 0
25	19.3	24.1	20.0	20.8	26.2	17.0	16.0	16.4	15.9	15.2	15.8	97	60	87	81	0.0	1.3	—	—	—	—	2.0	00 0	00 0	00 0
26	20.0	28.4	21.0	22.6	29.5	16.5	16.0	14.4	13.2	15.7	14.4	84	45	85	71	0.0	9.8	—	—	—	—	3.1	00 0	00 0	00 0
27	21.0	27.3	22.0	23.3	28.5	18.0	17.0	16.0	13.5	17.2	15.6	87	50	87	75	0.0	5.7	—	—	—	—	2.4	00 0	16 2	00 0
28	20.3	26.0	21.0	22.1	26.5	17.0	16.0	16.1	14.9	15.7	15.6	91	60	85	79	0.0	0.3	—	—	—	—	1.3	00 0	00 0	00 0
29	20.4	28.1	20.1	22.2	29.0	17.0	16.0	16.6	17.0	16.3	16.6	93	60	92	82	5.0	8.5	—	—	0.8	0.9	3.0	00 0	16 4	00 0
30	20.2	27.2	21.0	22.3	29.2	18.0	17.0	16.3	15.2	16.0	15.8	92	56	87	78	1.7	7.0	0.1	—	—	—	3.0	00 0	08 4	00 0
31																									
MED.	20.2	26.6	20.4	21.9	28.0	17.3	16.3	15.5	13.9	16.0	15.1	87	53	89	77	0.5	5.5	0.2	0.4	0.2	0.8	2.1	— —	— —	— —

Total 24.8 m.m.

ESTACION Salazar MES Julio AÑO 1963 φ = 79° 44' N λ = 72° 49' W.GR - ALTURA 1.300 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.0	27.3	19.3	21.2	28.0	15.0	14.0	13.9	12.5	16.7	14.4	85	56	99	80	3.3	6.9	--	--	8.8	8.8	3.0	00 0	16 2	00 0
2	20.2	27.0	19.0	21.3	28.0	17.0	15.5	15.1	13.0	14.8	14.3	85	47	91	74	0.0	5.4	--	--	--	--	2.2	00 0	16 2	00 0
3	18.8	27.2	21.0	22.0	28.0	17.0	15.5	14.9	13.5	16.7	15.0	92	50	90	77	0.0	5.0	--	--	--	--	2.0	00 0	06 2	00 0
4	19.4	29.2	21.0	22.6	30.0	17.5	16.0	15.2	13.3	14.9	14.5	90	43	80	71	0.0	9.7	--	--	--	--	3.1	00 0	16 3	00 0
5	21.4	28.2	21.1	22.9	29.0	18.0	17.5	13.3	15.5	15.4	14.7	70	54	82	69	0.0	9.1	--	--	--	--	3.1	00 0	16 3	00 0
6	21.4	29.1	22.2	23.7	30.0	17.5	16.5	15.6	12.8	16.8	15.1	82	42	83	69	0.0	8.9	--	--	--	--	3.3	00 0	16 3	00 0
7	20.2	27.1	20.4	22.0	28.5	17.0	15.0	15.9	15.7	17.3	16.6	90	62	97	83	0.0	3.5	--	0.1	--	0.1	1.4	00 0	16 2	08 1
8	20.0	26.3	21.3	22.2	28.5	17.0	16.5	15.9	13.8	15.9	15.2	91	54	95	77	0.0	3.7	--	--	--	--	2.2	00 0	00 0	00 0
9	20.4	28.2	21.0	22.6	29.5	17.0	16.5	14.8	12.9	15.7	14.5	83	44	85	71	0.0	7.9	--	--	--	--	2.2	00 0	16 2	00 0
10	20.4	23.5	20.6	21.3	25.0	18.5	17.5	15.9	13.0	16.2	14.7	84	60	90	78	6.7	--	--	0.2	1.4	2.2	2.3	00 0	00 0	00 0
11	20.2	27.3	20.1	21.9	28.5	17.5	15.5	14.9	11.6	13.3	13.3	84	42	75	67	0.0	2.9	0.6	--	--	--	2.1	16 1	00 0	16 1
12	18.0	29.3	22.1	22.9	30.0	17.0	15.0	10.8	12.2	17.6	13.5	70	40	90	67	0.0	8.9	--	--	--	--	4.2	00 0	16 3	00 0
13	19.4	27.4	20.0	21.7	29.0	18.0	17.0	14.0	13.3	16.2	14.5	83	48	93	75	0.0	6.8	--	--	--	--	3.0	00 0	00 0	00 0
14	22.0	29.0	13.4	22.4	30.0	18.0	17.0	15.5	14.4	16.7	15.5	78	48	99	75	6.7	7.6	--	--	44.3	44.3	2.2	00 0	16 2	00 0
15	20.1	27.0	19.3	21.4	28.0	17.5	16.5	15.9	13.4	16.5	15.3	90	50	99	80	8.3	5.6	--	--	64.8	64.8	1.2	00 0	00 0	00 0
16	20.2	26.2	21.4	22.3	27.5	18.5	16.5	14.9	13.1	17.3	15.1	84	51	91	75	0.0	4.7	--	--	--	5.7	1.4	00 0	16 2	00 0
17	18.4	26.4	13.4	20.9	27.5	17.5	16.0	15.4	13.4	16.7	15.2	97	52	99	83	6.7	6.3	5.7	--	1.8	9.3	2.0	00 0	08 3	00 0
18	20.3	27.2	20.2	22.0	28.5	17.0	16.0	15.1	13.3	14.6	14.3	85	47	83	72	0.0	8.8	7.5	--	--	--	2.0	00 0	16 2	00 0
19	19.3	29.0	22.0	23.1	29.6	17.5	17.0	15.1	13.1	15.8	14.7	91	43	82	72	1.7	9.3	--	--	--	0.7	2.3	12 2	16 3	00 0
20	21.0	27.1	18.4	21.2	29.0	18.0	15.0	16.0	13.0	15.4	14.8	87	48	97	77	5.0	6.5	0.7	--	15.4	46.3	3.2	00 0	00 0	00 0
21	21.2	27.2	20.3	22.2	28.0	17.0	15.0	16.1	14.9	17.4	16.1	86	55	98	80	6.7	4.5	30.9	--	1.2	1.2	1.3	00 0	16 2	00 0
22	20.1	25.4	20.2	21.4	27.0	16.5	15.0	15.1	13.2	17.4	15.2	85	54	98	79	5.0	3.0	--	--	2.0	2.2	1.3	00 0	00 0	00 0
23	19.2	25.5	20.0	21.2	28.0	16.5	16.0	15.0	12.5	16.2	14.6	90	51	93	78	0.0	6.3	0.2	--	--	--	2.0	16 1	00 0	00 0
24	18.2	27.0	19.2	20.9	28.0	16.5	15.5	14.2	13.4	15.1	14.2	91	50	91	77	1.7	10.3	--	--	--	--	2.2	00 0	10 1	16 1
25	19.0	26.4	20.4	21.5	28.0	17.0	16.0	14.1	13.0	16.0	14.4	86	50	90	75	0.0	6.6	--	--	--	--	2.1	00 0	08 2	00 0
26	20.0	28.2	19.1	21.1	28.8	18.5	17.0	14.7	14.3	15.1	14.7	84	56	91	77	0.0	4.5	--	--	--	--	1.4	00 0	08 1	00 0
27	20.2	25.1	20.0	21.3	27.5	17.0	16.5	14.9	11.9	14.9	13.9	84	50	85	73	6.7	3.2	--	0.2	0.2	0.4	1.4	00 0	16 3	04 1
28	21.2	27.3	22.3	23.3	28.0	18.0	17.0	15.6	11.0	17.5	14.7	83	40	88	70	6.7	8.4	--	--	--	--	3.2	00 0	08 1	00 0
29	19.2	27.1	20.3	21.7	29.0	17.0	16.0	15.0	13.0	15.9	14.6	90	48	90	76	1.7	5.3	--	--	--	--	2.2	16 2	00 0	08 1
30	19.0	27.6	21.2	22.2	28.5	16.5	15.0	14.3	13.5	16.6	14.8	87	48	88	74	4.0	9.1	--	--	--	--	2.8	16 2	00 0	08 1
31	21.0	28.8	24.0	23.4	30.0	17.0	15.5	15.4	12.1	16.0	14.5	82	40	73	65	8.3	0.8	--	--	--	--	3.2	00 0	02 3	00 0
MED.	19.9	27.2	20.5	22.0	28.4	17.3	16.1	14.9	13.2	16.1	14.7	85	49	90	75	2.5	6.4	1.5	--	4.5	6.0	2.2	--	--	--

Total 186.0 m.m.

ESTACION Salazar MES Agosto AÑO 19 63 φ = 7° 44' N λ = 72° 49' W.GR. - ALTURA 1.000 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	20.4	27.2	21.0	22.4	29.0	19.0	18.0	16.0	12.5	17.0	15.2	90	46	91	76	5.7	4.8	--	--	3.9	37.9	5.4	00 0	00 0	00 0
2	20.6	23.8	20.6	21.4	26.6	17.5	16.0	15.8	16.8	17.2	16.6	87	76	95	86	8.3	1.7	34.0	3.0	--	3.0	1.2	04 1	00 0	00 0
3	18.0	25.2	22.6	22.1	27.5	17.0	15.5	13.0	11.8	18.5	14.4	84	49	90	74	5.0	5.9	--	--	--	--	2.0	00 0	00 0	02 1
4	18.4	28.8	22.0	22.8	29.5	16.0	15.5	14.4	14.9	17.8	15.7	91	50	90	77	4.0	9.2	--	--	--	--	3.0	10 1	16 3	00 0
5	21.6	24.6	20.2	21.6	29.5	18.5	17.5	15.8	18.1	16.8	16.9	82	78	95	85	5.3	5.2	--	1.0	--	1.0	1.8	00 0	12 3	00 0
6	20.4	26.0	20.6	21.9	27.6	17.5	15.5	15.0	11.6	16.1	14.2	84	46	89	73	5.3	6.4	--	--	--	--	2.2	00 0	16 1	00 0
7	19.4	28.8	20.4	22.2	29.0	18.0	15.0	14.0	12.4	15.3	13.9	83	41	85	70	3.7	7.4	--	--	--	--	2.4	00 0	00 0	00 0
8	20.0	27.0	21.8	22.6	28.5	17.0	15.0	14.4	12.5	16.6	14.5	82	46	84	71	7.0	6.1	--	--	--	--	3.0	00 0	00 0	00 0
9	21.8	26.4	21.6	22.8	28.0	16.5	16.0	16.0	16.0	16.6	16.2	82	62	94	76	7.7	5.5	--	0.4	--	13.0	2.4	000 0	08 2	00 0
10	19.6	27.2	20.8	22.1	28.0	17.5	16.5	15.9	13.3	16.0	15.1	92	48	87	76	4.0	6.6	12.6	--	--	--	1.8	00 0	16 1	00 0
11	19.4	28.0	21.4	22.5	29.5	17.0	16.5	13.2	14.9	15.5	14.5	78	52	81	70	0.0	9.8	--	--	--	--	2.8	00 0	00 0	00 0
12	20.0	27.6	21.8	22.8	29.5	18.0	17.0	15.2	12.8	15.9	14.6	83	46	81	70	4.7	6.1	--	--	--	--	2.8	00 0	00 0	00 0
13	22.0	29.4	21.0	23.4	30.0	17.5	15.5	14.1	14.3	14.2	14.2	75	46	76	66	7.3	9.4	--	--	--	--	3.6	08 2	16 1	00 0
14	20.6	29.2	22.4	23.6	30.0	16.5	15.0	13.6	14.4	17.6	15.2	74	47	86	69	5.0	6.6	--	--	--	--	3.8	08 1	08 2	00 0
15	21.4	26.0	21.2	22.4	26.5	17.0	16.0	15.5	15.6	16.7	15.9	81	62	89	77	5.3	6.1	--	0.5	--	0.5	5.1	08 1	08 2	00 0
16	20.6	29.4	20.2	22.6	30.0	17.0	16.0	15.0	14.7	14.9	14.9	82	48	84	71	4.0	6.8	--	--	1.8	1.8	2.2	08 1	06 2	12 1
17	20.2	28.0	21.4	22.7	30.0	17.0	16.0	14.6	13.8	16.3	14.9	82	48	84	71	5.3	10.3	--	--	--	--	3.2	00 0	06 3	00 0
18	19.6	26.8	20.8	22.0	28.5	17.0	15.5	14.8	15.6	15.4	15.3	87	59	84	77	5.7	5.3	--	1.1	--	1.1	2.8	00 0	08 2	00 0
19	21.2	26.0	21.4	23.2	29.5	18.0	16.5	15.4	11.3	16.5	14.4	82	40	87	70	6.3	9.0	--	--	2.6	81.9	3.4	08 1	02 2	00 0
20	19.6	26.4	19.2	21.1	28.0	17.0	15.0	14.9	12.6	14.9	14.1	88	48	88	75	7.0	5.2	37.3	--	3.2	3.2	2.0	00 0	16 3	00 0
21	20.0	27.2	20.8	22.2	28.5	17.0	16.0	14.9	16.5	16.3	15.9	85	60	89	78	9.0	2.2	--	0.3	--	0.3	1.2	08 1	00 0	00 0
22	19.4	28.8	23.4	23.8	28.5	18.0	17.0	15.2	14.9	17.3	15.8	90	50	81	74	4.3	9.1	--	--	--	--	2.8	00 0	16 2	00 0
23	20.0	29.8	23.0	23.9	31.0	17.5	16.5	14.7	14.6	16.2	15.2	84	46	76	69	4.0	7.8	--	--	--	1.2	3.0	00 0	00 0	00 0
24	21.2	27.8	21.5	23.0	29.5	18.5	17.6	17.1	16.8	16.9	16.9	91	60	88	80	4.3	7.6	1.2	--	0.7	1.1	3.6	00 0	00 0	08 2
25	20.0	28.5	23.0	23.6	30.5	18.5	17.5	16.1	15.2	18.3	16.5	92	53	86	77	1.7	8.9	0.4	--	--	--	4.6	00 0	00 0	00 0
26	22.0	30.0	21.2	23.6	31.0	18.5	17.0	14.0	13.9	14.0	13.9	76	43	83	67	5.3	10.0	--	--	--	1.2	3.6	10 1	00 0	00 0
27	20.4	27.2	21.4	22.6	28.0	18.5	17.5	16.0	12.5	16.5	15.0	90	46	87	74	5.3	1.9	1.2	--	--	--	2.2	00 0	00 0	00 0
28	20.0	29.8	21.2	23.0	30.5	18.0	15.5	14.7	12.5	15.4	14.2	84	40	82	69	6.3	8.0	--	--	--	0.3	2.6	00 0	00 0	00 0
29	20.2	30.2	22.6	23.9	31.5	17.0	16.0	15.9	12.8	17.4	15.4	90	40	85	72	3.7	9.1	0.3	--	--	--	9.2	00 0	16 2	00 0
30	21.8	29.8	22.2	24.0	30.5	18.5	17.0	15.6	13.3	17.3	15.4	80	42	86	69	6.0	5.8	--	--	--	--	4.6	00 0	14 1	00 0
31	22.2	28.0	20.2	22.6	28.5	19.0	17.0	16.6	15.8	16.5	16.3	83	56	80	73	5.0	1.8	--	--	0.3	0.3	2.0	00 0	14 1	00 0
MED.	20.4	27.8	21.4	22.7	29.2	17.6	16.3	15.1	14.2	16.3	15.2	84	51	86	74	5.2	6.8	4.2	0.2	0.4	4.8	3.0	--	--	--

Total 147.8 m.m.

ESTACION Salazar MES Septiembre AÑO 1963 φ = 7° 44' N λ = 72° 49' W.GR - ALTURA 1.000 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.8	28.8	21.4	22.6	30.0	16.5	15.0	12.7	12.7	15.1	13.5	78	44	79	67	6.8	9.0	--	--	--	--	3.2	08 1	00 0	00 0
2	20.0	24.6	20.0	21.1	29.0	17.0	16.0	14.7	16.8	14.4	15.3	84	72	83	80	1.7	3.4	--	3.1	--	3.1	2.6	00 0	00 0	00 0
3	21.6	30.4	22.2	24.1	31.0	18.5	16.5	15.6	13.0	17.2	15.3	84	40	87	70	1.7	9.3	--	--	--	0.6	3.8	00 0	00 0	00 0
4	20.2	27.8	21.8	22.9	30.5	18.5	17.6	15.7	11.0	15.9	14.2	89	38	81	69	3.3	5.9	0.6	--	--	--	2.8	00 0	16 3	00 0
5	19.6	29.2	21.8	23.1	30.5	16.5	15.0	14.8	12.2	16.0	14.3	87	40	82	70	3.0	8.5	--	--	--	--	3.6	08 1	00 0	00 0
6	20.4	28.0	21.2	22.7	31.0	19.5	18.0	14.5	13.8	15.1	14.5	80	48	80	69	5.0	6.8	--	--	--	--	3.2	00 0	00 0	00 0
7	21.2	29.6	23.2	24.8	31.1	18.5	16.0	15.4	13.8	17.1	15.4	82	44	80	69	4.3	6.6	--	--	--	--	3.3	00 0	10 2	00 0
8	21.4	27.4	22.0	23.2	30.0	19.5	18.5	16.5	13.5	15.8	15.3	87	50	80	72	0.0	2.2	--	--	--	--	2.2	00 0	00 0	00 0
9	21.3	28.2	21.1	22.9	30.0	18.0	17.0	15.4	11.5	16.7	14.5	82	40	90	71	5.7	4.3	--	--	--	--	3.0	00 0	00 0	00 0
10	22.0	29.4	20.8	23.2	31.0	18.5	17.0	15.0	13.1	15.2	14.4	76	42	84	67	2.0	6.9	--	--	--	--	3.3	00 0	16 1	00 0
11	19.6	29.2	23.6	24.0	30.5	17.5	16.0	14.5	14.7	18.0	15.7	85	48	82	72	2.0	9.3	--	--	--	--	4.2	16 1	08 4	00 0
12	21.2	27.6	22.8	24.1	29.0	18.6	17.0	16.2	12.4	17.2	15.3	87	45	83	72	8.0	4.2	--	--	--	--	2.6	00 0	16 1	00 0
13	21.8	29.0	23.8	24.6	30.0	19.0	18.0	15.9	13.4	17.9	15.7	81	44	81	69	7.0	3.4	--	--	--	5.7	3.2	00 0	10 1	00 0
14	20.4	27.0	21.0	22.3	29.0	18.0	17.0	16.6	13.0	15.6	15.1	93	48	84	75	6.0	4.2	5.7	--	--	--	2.0	14 1	08 2	00 0
15	19.6	28.4	23.0	23.5	30.0	18.5	17.0	15.6	11.7	16.2	14.5	94	40	77	70	3.0	2.8	--	--	--	4.2	3.0	00 0	08 3	00 0
16	19.2	29.2	23.0	23.6	30.0	18.5	17.5	16.1	12.2	17.0	15.1	96	40	81	72	8.3	4.3	4.2	--	--	13.9	2.8	00 0	16 3	08 2
17	19.5	29.2	22.6	23.5	30.0	17.5	17.0	15.7	13.0	17.0	15.2	91	42	83	72	2.3	9.0	13.9	0.1	--	2.1	2.6	00 0	16 2	00 0
18	20.2	27.6	20.0	21.9	28.2	19.0	17.5	15.9	13.9	16.2	15.3	90	50	93	78	7.0	5.4	2.0	--	11.4	16.1	1.8	00 0	00 0	00 0
19	20.0	28.2	21.0	21.5	27.0	19.0	18.5	16.6	15.7	16.0	16.1	95	68	87	83	8.3	0.4	4.7	1.1	0.2	1.3	1.2	00 0	00 0	00 0
20	21.0	27.2	23.0	23.5	29.0	18.0	17.0	14.3	12.5	18.0	14.9	77	46	85	69	5.0	4.8	--	--	0.1	0.1	2.0	00 0	16 3	00 0
21	20.2	28.2	20.8	22.5	29.5	18.0	17.2	15.1	12.1	15.4	14.2	85	42	84	70	6.7	7.1	--	--	--	--	2.8	00 0	02 3	00 0
22	18.8	27.0	21.8	22.3	30.0	17.0	15.0	13.7	13.9	17.7	15.1	85	52	91	76	4.3	7.1	--	--	0.6	0.6	2.8	00 0	00 0	00 0
23	19.3	29.8	21.4	23.0	30.0	16.5	16.0	13.8	12.5	16.3	14.2	83	40	86	70	6.0	7.9	--	--	--	--	2.8	00 0	00 0	00 0
24	19.4	29.0	21.4	22.8	31.0	17.0	16.0	14.0	14.4	15.6	14.7	83	48	82	71	5.0	7.0	--	--	6.4	7.0	3.0	00 0	16 3	00 0
25	19.4	27.6	21.8	22.6	28.5	16.5	16.0	16.6	13.1	16.0	15.2	98	47	82	76	6.7	7.4	0.6	--	--	--	2.2	00 0	00 0	00 0
26	18.8	27.0	19.4	21.1	28.0	16.5	15.5	14.2	13.4	16.6	14.7	87	50	98	78	8.0	5.7	--	--	24.0	43.1	2.2	00 0	00 0	00 0
27	20.2	28.6	21.2	22.8	30.0	18.0	17.5	17.8	14.2	16.1	16.0	100	48	86	78	6.0	8.0	19.1	--	--	--	2.2	00 0	08 1	00 0
28	20.0	29.6	21.6	23.2	30.0	19.0	18.0	16.2	15.0	16.5	15.9	93	48	86	76	7.0	8.3	--	--	--	--	3.0	00 0	16 2	00 0
29	21.6	29.0	22.2	23.7	30.5	18.0	17.0	17.3	13.7	17.2	16.1	90	45	86	73	5.3	7.3	--	--	--	2.4	2.8	00 0	16 2	00 0
30	21.4	28.2	18.2	21.5	30.5	17.0	16.0	15.1	14.0	14.2	14.4	79	49	91	73	8.3	7.0	2.4	--	165.4	165.7	2.2	00 0	16 1	08 2
31																									
MED.	20.3	28.2	21.6	22.9	29.8	17.9	16.8	15.4	13.3	16.3	15.0	87	47	84	73	5.1	6.1	1.8	0.1	6.9	8.9	3.8	--	---	--

Total 265.9 m.m.

ESTACION Salazar MES Octubre AÑO 19 63 φ = 70 44' N λ = 720 49' W.GR - ALTURA 1.000 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.2	25.2	19.8	21.0	26.0	17.0	16.5	16.7	15.3	16.7	16.2	100	64	96	87	6.0	3.0	0.3	—	3.9	3.9	1.0	00 0	00 0	00 0
2	17.9	21.8	20.4	20.1	27.3	17.0	16.0	15.0	16.6	15.9	15.8	98	84	80	90	4.7	5.1	—	—	12.5	17.9	1.3	00 0	08 2	00 0
3	20.0	28.4	20.2	21.2	27.5	18.5	17.5	17.2	16.1	16.8	16.7	98	70	95	88	7.7	3.6	5.4	—	1.0	1.0	1.2	00 0	00 0	00 0
4	20.8	27.0	21.2	22.5	28.5	17.5	16.0	16.3	13.6	16.9	15.6	89	51	90	77	5.7	6.8	—	—	—	10.2	2.2	00 0	16 1	00 0
5	19.8	29.4	21.0	22.8	29.5	18.5	17.5	15.7	14.0	15.7	15.1	91	45	85	74	5.7	9.4	10.2	—	—	—	2.8	00 0	16 1	00 0
6	21.2	28.6	21.0	22.9	29.0	17.5	16.5	16.1	13.6	17.0	15.6	86	46	91	74	4.0	8.9	—	—	—	—	2.4	00 0	16 1	00 0
7	20.0	30.2	22.6	23.8	30.5	17.6	16.0	16.2	12.8	16.4	15.1	93	40	80	71	4.0	9.1	—	—	—	0.1	3.2	00 0	00 0	00 0
8	21.0	29.4	22.2	23.7	30.0	19.0	17.0	14.8	12.7	17.2	14.9	79	41	86	69	8.0	5.3	0.1	—	—	3.3	2.6	00 0	16 1	00 0
9	21.2	29.8	20.8	23.0	30.0	19.5	18.4	16.9	13.0	14.5	14.8.	90	41	80	70	8.3	7.0	3.3	—	—	—	2.2	00 0	16 2	00 0
10	19.4	29.2	21.8	22.9	30.0	18.0	17.0	14.7	13.0	16.5	14.7	88	42	86	72	7.0	7.7	—	—	—	—	2.8	00 0	16 2	00 0
11	19.0	28.6	22.2	23.0	29.5	18.0	16.6	14.8	13.1	17.2	15.0	90	44	86	73	5.0	7.9	—	—	—	—	3.0	00 0	00 0	00 0
12	21.0	28.0	22.4	23.4	30.0	19.0	17.5	15.7	12.8	17.7	15.4	85	45	88	73	1.3	6.5	—	—	—	14.4	3.0	00 0	08 2	00 0
13	21.0	28.6	21.2	22.5	27.6	18.8	17.0	17.0	16.4	17.2	17.0	91	64	92	82	5.0	3.3	14.4	—	—	—	2.0	00 0	16 2	00 0
14	20.4	27.8	20.4	22.2	29.0	19.0	17.0	15.6	13.7	18.0	15.8	87	48	100	78	5.0	5.7	—	—	6.8	7.8	1.4	00 0	00 0	00 0
15	18.8	23.4	20.4	20.7	25.5	18.0	16.8	16.0	17.5	16.0	16.5	98	81	90	90	6.3	2.5	1.0	—	—	8.2	1.0	00 0	00 0	00 0
16	20.6	27.9	21.6	22.9	28.5	18.5	16.5	16.1	11.7	15.0	14.3	89	42	81	71	1.3	3.3	0.2	—	—	—	1.8	00 0	16 1	08 2
17	21.6	28.8	20.4	22.8	29.0	19.5	17.6	16.5	13.2	15.9	15.2	76	44	89	70	6.3	4.6	—	—	—	—	2.2	00 0	16 2	00 0
18	21.2	28.2	20.4	22.8	30.0	19.5	17.4	16.2	13.6	16.6	15.5	87	42	93	74	6.0	7.4	—	—	2.4	2.4	2.0	00 0	14 1	00 0
19	21.4	27.6	21.8	23.1	29.5	19.0	17.5	16.3	12.8	16.7	15.3	86	46	86	73	5.3	6.9	—	—	—	0.3	2.6	00 0	16 1	00 0
20	21.4	29.0	21.6	23.4	29.5	19.5	17.6	16.9	12.8	15.0	14.9	89	42	76	69	4.7	3.8	0.3	—	—	—	2.0	00 0	00 0	00 0
21	22.0	30.6	21.8	24.0	31.0	19.0	17.4	14.4	11.4	16.7	14.3	73	35	86	65	5.0	8.5	—	—	—	—	3.6	00 0	00 0	00 0
22	21.4	28.0	21.8	23.2	30.6	19.4	17.8	15.1	13.5	17.4	15.3	81	47	89	72	5.7	8.0	—	—	—	28.4	2.8	00 0	08 2	16 2
23	18.6	29.0	21.2	22.7	30.8	18.0	17.0	15.2	13.4	17.5	15.4	94	44	93	77	4.3	5.9	28.4	—	0.8	2.0	2.2	00 0	00 0	00 0
24	20.2	27.2	20.8	22.2	28.0	18.9	17.8	15.7	13.5	16.9	15.4	89	50	91	77	6.0	3.4	1.2	—	—	0.6	1.6	00 0	00 0	00 0
25	20.0	22.8	19.0	20.2	24.0	19.0	18.5	16.4	17.9	16.5	16.9	94	86	100	93	4.3	2.1	0.6	28.3	—	28.3	0.3	00 0	00 0	00 0
26	18.4	26.8	20.4	21.5	27.5	17.8	16.0	15.6	15.6	15.9	15.7	98	59	89	82	5.7	5.4	—	—	—	—	1.6	00 0	08 1	00 0
27	20.0	26.6	19.8	21.5	28.5	18.4	17.0	16.8	16.3	15.1	16.1	94	62	88	81	4.3	5.6	—	—	12.4	17.8	1.8	00 0	00 0	00 0
28	19.8	28.2	19.8	21.9	29.0	18.6	17.3	16.3	14.4	17.0	15.9	100	50	98	83	7.7	5.8	5.4	--	24.3	27.8	1.8	00 0	12 3	00 0
29	20.8	22.8	19.4	20.6	23.3	19.0	18.3	17.1	17.0	16.9	17.0	93	82	100	92	3.7	—	3.5	19.0	5.3	24.7	0.4	00 0	00 0	08 2
30	20.0	26.6	21.4	22.4	27.4	18.0	17.5	17.2	15.8	13.4	17.1	98	71	96	88	1.7	4.7	0.4	—	10.3	24.0	1.2	00 0	00 0	00 0
31	19.6	24.9	20.2	21.2	26.0	18.6	17.5	16.0	15.4	17.1	16.2	94	66	96	85	8.3	—	13.7	—	—	—	0.8	00 0	16 1	00 0
MED.	20.2	27.3	20.9	22.3	28.5	18.5	17.2	16.0	14.3	16.6	15.6	90	54	90	78	5.3	5.4	2.8	1.5	2.6	6.9	2.0	— -	— -	— -
																				Total	215.1	m.m.			

ESTACION Salazar MES Noviembre AÑO 19 63 φ = 7° 44' N λ = 72° 49' W.GR - ALTURA 1.000 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.2	27.4	21.8	22.3	29.0	17.0	16.0	15.4	14.3	17.1	15.6	98	52	88	79	6.3	6.2	—	—	—	0.9	2.0	00 0	00 0	00 0
2	18.4	28.0	20.4	21.8	29.5	17.8	15.9	15.0	14.6	15.9	15.2	94	51	90	78	8.0	8.1	0.9	—	16.7	17.6	2.2	00 0	16 1	00 0
3	21.4	27.0	21.6	22.9	28.2	18.8	17.4	17.3	13.4	17.3	16.2	91	52	90	78	6.0	2.1	0.7	—	—	—	1.3	00 0	00 0	00 0
4	21.4	26.4	20.8	22.3	27.0	19.3	18.0	15.1	15.7	16.3	15.7	79	60	89	76	5.3	3.7	—	—	6.2	14.5	1.2	00 0	14 1	00 0
5	19.4	27.6	19.2	21.3	29.0	17.0	16.1	15.6	14.5	16.1	15.4	93	52	96	80	1.7	6.8	8.3	—	19.9	62.5	1.8	00 0	00 0	00 0
6	19.6	26.4	20.2	21.6	26.8	18.6	17.0	16.5	16.0	16.8	16.4	96	62	95	84	5.0	2.5	42.6	0.3	4.4	4.9	1.0	00 0	08 1	00 0
7	19.6	26.0	20.2	21.5	27.0	18.5	17.4	16.0	15.6	16.4	16.0	94	62	93	83	5.0	4.2	0.2	0.4	—	0.4	1.2	00 0	00 0	00 0
8	20.2	26.6	20.2	21.8	27.0	17.0	16.0	15.7	17.4	17.8	16.8	85	66	100	84	4.7	4.7	—	—	55.8	57.4	1.6	00 0	16 2	00 0
9	20.6	25.6	20.0	21.5	26.2	18.5	18.0	16.9	16.1	16.2	16.4	93	66	93	84	3.7	2.8	1.6	—	—	—	1.0	00 0	00 0	00 0
10	19.3	28.0	21.4	22.8	29.5	16.5	15.5	15.0	15.1	17.6	15.9	90	50	92	77	0.0	8.7	—	—	—	0.7	3.0	00 0	16 4	00 0
11	20.2	27.0	19.6	21.6	29.5	18.5	18.0	16.4	12.5	15.8	14.9	93	46	93	77	9.0	4.2	0.7	0.8	41.9	43.2	1.2	00 0	00 0	00 0
12	18.0	26.8	19.4	20.4	27.5	17.6	16.5	15.2	16.4	16.9	16.2	98	88	100	89	3.3	4.4	6.5	—	16.3	95.5	1.4	00 0	00 0	00 0
13	19.2	25.4	19.0	20.6	27.0	17.5	17.0	16.4	17.1	16.5	16.7	99	71	100	90	2.3	5.1	79.2	—	38.5	40.7	1.4	00 0	00 0	00 0
14	14.4	24.0	20.4	21.0	26.0	17.8	16.5	15.6	15.6	17.3	16.2	93	71	98	87	8.3	4.3	2.2	0.7	1.2	3.6	1.0	00 0	00 0	00 0
15	19.3	23.0	18.3	19.7	24.5	18.5	17.0	16.7	14.8	15.4	15.6	100	70	98	89	3.3	—	1.7	4.0	—	4.0	0.3	00 0	00 0	00 0
16	19.0	25.8	19.0	20.7	26.0	18.5	16.0	16.0	17.8	16.5	16.8	97	72	100	90	5.7	4.0	—	—	60.4	61.5	0.4	00 0	00 0	00 0
17	17.2	26.8	21.0	21.5	27.0	16.6	15.5	14.6	15.3	18.7	16.2	99	58	100	86	6.7	7.4	1.1	—	15.0	15.0	1.3	00 0	00 0	00 0
18	17.0	28.0	21.2	21.8	29.5	16.5	15.0	13.4	13.2	17.2	14.6	92	48	92	77	1.3	8.8	—	—	—	—	2.2	00 0	00 0	00 0
19	19.0	27.4	20.6	21.9	29.0	17.2	16.0	12.9	12.1	16.2	13.7	78	44	90	71	2.3	8.2	—	—	—	0.2	0.0	00 0	16 2	00 0
20	18.1	28.2	21.2	22.2	29.0	17.6	16.5	14.5	16.3	15.6	15.5	93	57	86	79	3.3	6.4	0.2	—	8.0	24.3	1.3	00 0	00 0	00 0
21	20.2	25.8	20.0	21.5	27.2	18.6	17.0	17.8	16.3	17.2	17.1	100	86	98	88	6.0	3.1	16.3	—	18.1	18.1	1.4	00 0	00 0	00 0
22	20.4	23.6	20.0	21.0	25.2	18.0	16.8	14.8	15.9	16.6	15.8	83	73	95	84	3.0	1.8	—	—	—	0.1	1.0	00 0	00 0	00 0
23	19.2	22.4	19.6	20.2	25.5	18.0	17.0	15.1	16.1	16.0	15.7	91	80	94	88	3.7	1.9	0.1	3.2	7.8	11.0	0.8	00 0	00 0	00 0
24	19.4	26.2	19.6	21.2	27.0	18.0	17.5	16.4	14.5	17.1	16.0	96	57	100	84	10.0	3.6	—	—	31.3	33.3	1.0	00 0	00 0	00 0
25	19.2	26.4	20.6	21.2	26.0	18.0	16.5	16.4	14.0	16.9	15.8	98	82	93	84	8.7	0.7	2.0	—	0.1	0.6	1.0	00 0	00 0	00 0
26	17.4	25.2	19.6	20.4	26.5	17.0	16.0	13.9	13.6	15.4	14.3	93	56	90	80	3.3	8.7	0.5	—	0.1	0.1	1.0	10 1	00 0	00 0
27	17.6	26.2	19.0	20.4	28.0	16.0	15.0	14.2	12.8	14.5	13.8	94	50	88	77	5.3	7.9	—	—	—	—	1.8	00 0	14 1	00 0
28	19.8	28.0	19.8	21.8	28.5	16.0	15.0	14.7	11.9	16.0	14.2	85	42	93	74	5.0	8.3	—	—	—	—	2.0	00 0	00 0	00 0
29	17.2	28.4	20.0	21.4	29.0	16.6	15.0	11.8	11.7	14.4	12.6	80	40	83	68	4.0	9.0	—	—	—	2.0	2.2	00 0	00 0	00 0
30	19.4	28.0	21.0	22.3	28.5	17.6	16.0	15.5	13.2	17.3	15.3	92	46	93	77	8.7	8.5	2.0	0.1	0.4	0.5	1.0	00 0	16 1	00 0
31																									
MED.	19.1	26.3	20.2	21.4	27.5	17.6	16.4	15.3	14.8	16.3	15.5	92	58	94	81	5.0	5.1	5.6	0.3	11.4	17.3	1.3	— —	— —	— —

Total 518.4 m.m.

ESTACION Salazar MES Diciembre AÑO 1963 φ = 7° 44'N λ = 72° 49'W.GR - ALTURA 1.000 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18,3	28,1	20,2	21,7	29,0	17,6	15,5	15,4	13,5	15,9	14,9	98	47	90	78	0,0	7,8	--	--	--	--	1,9	00 0	16 4	00 0
2	17,0	27,2	21,0	21,5	28,2	16,0	15,0	14,2	14,1	17,6	15,3	93	52	96	80	1,7	6,9	--	--	0,1	0,2	2,6	00 0	00 0	00 0
3	18,0	28,2	20,6	21,3	27,5	17,0	16,5	14,1	13,3	16,9	14,8	92	52	93	79	7,3	6,7	0,1	--	3,1	46,0	2,0	00 0	00,0	00 0
4	18,0	28,8	21,4	21,9	28,0	16,9	16,0	14,8	14,8	16,5	15,3	94	56	87	79	5,3	6,9	42,9	--	--	11,0	1,8	00 0	02 1	00 0
5	18,0	28,2	19,6	21,3	29,0	17,0	16,0	15,8	12,4	15,4	14,5	100	43	90	78	2,7	8,9	11,0	--	--	--	2,6	00 0	16 2	00 0
6	18,0	27,8	20,6	21,7	29,3	17,3	16,0	14,0	15,8	16,5	15,4	90	57	91	79	0,0	8,5	--	--	--	--	2,4	00 0	00 0	00 0
7	20,0	26,4	19,2	21,2	27,0	17,0	17,0	15,2	15,7	15,0	15,3	87	60	90	79	6,7	2,7	--	0,1	2,2	2,4	1,1	00 0	00 0	00 0
8	19,4	26,4	21,0	21,9	27,5	18,5	16,5	16,3	16,7	15,6	16,2	92	84	85	82	3,3	1,4	0,1	0,3	--	0,3	1,0	00 0	00 0	00 0
9	20,4	26,4	19,8	21,5	27,0	18,9	17,0	15,9	12,0	14,7	14,2	89	46	85	74	1,3	4,6	--	--	--	--	2,2	00 0	00 0	00 0
10	18,4	28,6	20,6	22,0	29,0	17,0	16,0	13,4	12,5	15,3	13,9	88	42	85	72	2,0	8,2	--	--	--	--	2,6	00 0	15 2	00 0
11	18,3	27,4	20,8	21,8	28,0	17,0	16,0	12,8	13,5	15,5	13,9	80	50	85	72	1,3	8,5	--	--	--	--	2,2	00 0	08 1	00 0
12	20,8	27,0	20,6	22,2	29,0	18,6	17,5	14,9	13,1	15,2	14,4	81	49	84	71	4,3	8,1	--	--	--	--	2,4	00 0	08 1	00 0
13	17,3	28,2	19,2	21,0	29,0	16,0	14,5	10,6	11,3	13,5	11,8	72	38	80	63	3,0	9,2	--	--	--	--	3,0	00 0	16 1	00 0
14	17,6	28,0	20,0	21,4	28,5	16,5	15,0	12,0	11,3	15,5	12,9	80	40	89	70	4,7	7,5	--	--	--	--	2,2	00 0	16 2	00 0
15	18,3	28,3	20,8	22,0	29,0	17,6	16,0	14,0	14,4	16,0	14,8	90	50	87	76	0,0	7,7	--	--	--	--	2,6	00 0	00 0	00 0
16	19,8	25,8	21,0	21,9	22,6	18,6	17,0	15,0	14,0	15,7	14,9	87	56	85	76	4,7	2,1	--	--	--	--	2,0	00 0	00 0	00 0
17	19,6	25,8	20,8	21,7	26,5	17,6	16,0	15,8	13,0	15,4	14,7	93	52	84	76	4,7	1,6	--	--	--	--	1,6	00 0	00 0	00 0
18	20,0	26,6	19,6	21,4	27,5	18,4	17,0	14,4	11,9	15,4	13,9	83	45	90	73	0,0	1,0	--	--	0,2	0,2	1,8	00 0	00 0	00 0
19	19,4	27,6	22,2	22,8	29,0	17,8	16,5	14,6	12,1	17,5	14,7	87	44	88	73	3,3	4,4	--	--	--	--	1,8	00 0	14 1	00 0
20	18,8	28,6	20,2	21,9	29,5	17,6	15,9	14,2	12,3	15,4	14,0	87	42	87	72	3,7	8,3	--	--	--	--	2,2	00 0	16 2	00 0
21	19,1	28,4	20,8	22,3	29,5	18,5	16,5	15,2	12,3	14,1	13,9	93	42	77	71	1,0	7,9	--	--	--	--	2,2	00 0	14 2	00 0
22	18,5	29,6	20,6	22,3	30,4	17,9	16,0	14,3	13,3	16,1	14,6	90	42	89	74	1,3	9,0	--	--	--	--	3,0	00 0	00 0	00 0
23	18,4	28,6	21,6	22,5	30,0	17,8	16,0	14,2	12,5	15,7	14,1	90	42	81	71	3,7	7,2	--	--	--	--	2,6	00 0	15 2	00 0
24	19,6	28,6	21,0	22,5	29,0	18,0	17,0	13,4	11,5	15,7	13,5	78	40	85	68	3,7	6,9	--	--	--	--	3,2	08 1	00 0	00 0
25	20,2	26,2	22,0	22,8	28,0	19,0	18,0	14,9	14,5	17,8	15,7	84	57	90	77	4,7	3,7	--	--	--	7,8	2,0	00 0	00 0	00 0
26	19,2	23,6	20,8	21,1	24,5	19,0	17,8	16,4	15,9	17,1	16,5	98	72	93	88	5,0	0,2	7,8	0,2	0,1	3,0	0,3	00 0	00 0	00 0
27	19,0	24,6	20,6	21,2	26,0	18,0	17,5	15,5	16,6	17,2	16,4	94	70	95	86	6,7	1,5	2,7	1,4	--	1,4	1,0	00 0	00 0	00 0
28	20,1	24,6	20,1	21,2	25,6	18,5	17,5	15,9	13,9	17,5	15,8	91	61	100	84	10,0	2,3	--	--	36,4	39,3	1,3	00 0	00 0	00 0
29	19,4	26,0	22,1	22,4	27,4	18,5	17,5	16,9	16,5	16,8	16,7	100	86	85	84	0,0	3,7	2,9	--	--	--	1,0	00 0	00 0	00 0
30	19,2	24,6	20,6	21,2	26,0	18,0	17,0	15,4	16,3	16,7	16,1	93	70	92	85	3,3	2,9	--	--	--	0,1	1,0	00,0	00 0	00 0
31	17,4	26,0	20,0	20,8	26,4	16,0	15,0	13,7	12,2	16,1	14,0	92	48	92	77	5,7	3,9	0,1	--	--	0,2	1,0	00 0	16 2	00 0
MED.	18,9	27,0	20,6	21,7	28,0	17,7	16,4	14,6	13,5	15,0	14,7	89	51	88	76	3,4	5,3	2,2	0,1	1,4	3,6	1,9	--	--	--

Total 111,9 m.m.

ESTACION SALAZAR

RESUMEN MENSUAL Y ANUAL

AÑO 1.963

MESES	Presión Atmosférica					TEMPERATURAS EXTREMAS							Humedad Relativa					T del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
								Max. Min. Max.		Min.		Med.					Min.	Max.	Min	Med.				Días						
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Med.	Med.	Abs.	D.	Abs.	D.	Sue.	7	14	20	Med.	Abs.	Abs.	Abs.		Med.	Solar	ción	7	14	20	Suma	lluv.	Max.	D.
Enero																																	
Febro						18.5	24.7	19.9	20.8	25.9	17.2	28.0	V	13.8	15	16.1	94	62	95	84	43	18.7	11.1	15.3	2.1	4.1	1.3	69.9	8.0	166.1	244.0	12	115.8	6
Marzo						18.8	25.9	20.3	21.3	26.8	17.3	30.0	20	14.0	6	16.2	90	55	90	78	40	18.2	10.2	14.8	2.1	3.7	1.9	3.4	--	98.9	177.1	6	152.4	31
Abril						19.7	24.9	20.4	21.4	26.5	18.3	29.5	15	17.0	3	17.2	94	64	95	84	44	18.7	12.1	16.1	4.4	3.4	1.3	396.2	22.5	163.6	511.8	23	109.8	4
Mayo						20.0	25.1	20.4	21.5	26.7	18.3	28.5	23	17.0	V	17.4	94	66	96	85	44	18.8	12.5	16.4	3.8	4.0	1.2	208.4	69.2	237.8	511.1	24	73.3	5
Junio						20.2	26.6	20.4	21.9	28.0	17.3	29.5	26	14.5	V	16.3	87	53	89	77	40	18.6	11.1	15.1	0.5	5.5	2.1	6.9	13.0	4.9	24.8	10	11.9	10
Julio						19.9	27.2	20.5	22.0	28.4	17.3	30.0	V	15.0	1	16.1	85	49	90	75	40	17.6	10.8	14.7	2.5	6.4	2.4	45.6	0.5	139.9	186.0	12	64.8	15
Agsto						20.4	27.8	21.4	22.7	29.2	17.6	31.5	29	16.0	4	16.3	84	51	96	74	40	18.5	11.3	15.2	5.2	6.8	3.0	129.0	6.3	12.5	147.8	15	81.9	19
Spbre						20.3	28.2	21.6	22.9	29.8	17.9	31.1	7	16.5	V	16.8	87	47	84	73	38	18.0	11.0	11.0	5.1	6.1	2.7	53.2	4.3	208.1	265.9	14	165.7	30
Ocbre						20.2	27.3	20.9	22.3	28.5	18.5	31.0	21	17.0	V	17.2	90	54	90	78	36	18.4	11.7	15.6	5.3	5.4	2.0	88.4	47.3	79.3	215.1	19	28.4	22
Nvbre						19.1	26.3	20.2	21.4	27.5	17.6	29.5	V	16.0	V	16.4	92	58	94	81	40	18.7	11.7	15.5	5.0	5.1	1.3	166.8	9.5	342.1	518.4	25	95.5	12
Dcbre						18.9	27.0	20.6	21.7	28.0	17.7	30.4	22	16.0	V	16.4	89	51	88	76	38	17.8	10.6	14.7	3.4	5.3	1.9	67.6	2.0	42.1	111.9	12	46.0	3
MED. ANUAL						19.6	26.5	20.6	21.8	27.8	17.7	29.9	—	15.7	—	16.6	90	55	91	79	40	18.4	11.3	15.3	3.6	5.1	1.9	112.3	16.6	136.0	264.9	172	85.9	—

Precipitación total : 2.913.9

Precipitación máxima : 165.7 - 30 - VIII

Días lluviosos : 172

ESTACION: SALAZAR FRECUENCIA DE PRECIPITACION Y TEMPERATURAS AÑO: 1963

MESES	PRECIPITACION																							TEMPERATURAS			
	7 horas					14 horas					20 horas					Total							Min. abajo de 17 ºC	Min. arriba de 19 ºC	Max. abajo de 26ºC	Max. arriba de 30 ºC
	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0				
Enero																										
Febro	9	8	2	1	--	4	2	--	--	--	8	7	3	3	1	12	11	10	10	6	3	1	12	1	15	--
Marzo	3	2	--	--	--	--	--	--	--	--	6	2	2	1	1	6	4	2	2	2	2	1	15	1	11	1
Abril	18	15	8	5	3	9	6	--	--	--	19	15	6	2	--	23	21	16	15	11	8	3	1	7	10	--
Mayo	16	14	7	4	1	9	6	2	1	--	21	16	7	6	2	24	23	19	16	11	8	5	3	8	10	--
Junio	3	2	--	--	--	4	1	1	--	--	7	2	--	--	--	10	6	3	1	1	--	--	13	1	--	--
Julio	6	3	1	1	--	3	--	--	--	--	9	8	3	2	1	12	9	6	6	3	3	1	17	--	1	5
Agsto	7	5	3	2	1	6	3	--	--	--	6	4	--	--	--	15	11	5	3	3	2	1	13	2	--	10
Spbre	9	7	2	--	--	3	2	--	--	--	7	4	3	1	1	14	11	8	6	4	2	1	9	6	--	21
Ocbre	16	10	4	1	--	2	2	2	1	--	10	9	4	1	--	19	15	12	10	9	5	--	2	12	4	9
Nvbre	18	11	3	2	1	7	2	--	--	--	18	15	10	5	2	25	17	16	13	13	8	4	10	1	5	--
Dcbre	6	5	2	1	--	4	1	--	--	--	6	3	1	1	--	12	7	5	4	3	2	--	9	2	3	2
SUMA ANUAL	113	82	32	17	6	51	25	5	2	--	117	85	39	22	8	172	135	102	86	66	43	17	104	41	59	48

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero																									
Febro	3	3	3	4	5	3	1	3	1	1	--	2	2	2	1	1	4	8	5	6	4	5	4	5	15
Marzo	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	3	3	3	2	5	4	3	1	1	6
Abril	8	7	7	4	4	4	6	5	3	1	2	2	4	7	5	5	8	10	12	11	11	10	12	8	25
Mayo	11	10	9	8	5	8	6	3	3	2	1	2	5	8	11	11	9	12	10	11	12	12	12	9	24
Junio	1	1	1	--	1	2	--	1	2	1	--	--	1	2	1	2	4	3	1	--	1	1	1	1	10
Julio	2	2	1	1	1	1	--	--	--	--	2	1	1	--	3	4	3	4	4	5	3	5	3	2	13
Agsto	1	1	--	--	1	1	1	--	1	2	2	1	2	2	--	1	3	2	--	2	4	4	3	2	15
Sobre	2	3	1	3	3	2	1	--	--	--	2	1	2	2	1	--	2	4	3	4	6	7	7	4	16
Ocbre	7	4	4	3	1	1	1	--	--	2	2	2	2	2	2	5	7	5	7	6	6	7	6	4	22
Nvbre	4	2	3	2	2	2	2	4	1	1	1	1	2	2	4	2	5	8	12	13	12	9	5	5	24
Dcbre	3	3	2	2	1	2	1	1	--	1	2	--	1	1	1	--	2	3	3	3	4	3	4	3	13
SUMA ANUAL	42	36	31	28	24	26	19	17	11	11	14	12	22	28	29	34	50	62	59	66	67	65	58	44	183

ESTACION: SALAZAR — FRECUENCIA DE NUBOSIDAD BRILLO SOLAR Y VIENTOS — AÑO 1.963

MESES	NUBOSIDAD en décimos Bajo 3.0	Más 8.0	BRILLO SOLAR Bajo 0.9	Mas 9.0	NUMERO DE DIAS CON VIENTOS 7 horas N	NE	E	SE	S	SW	W	NW	C	14 horas N	NE	E	SE	S	SW	W	NW	C	20 horas N	NE	E	SE	S	SW	W	NW	C
Enero																																
Febro	19	3	6	—	3	—	--	--	--	--	--	--	25	5	--	--	—	8	--	—	--	15	3	--	--	--	--	--	--	—	25
Marzo	19	1	4	3	4	--	--	--	--	--	1	—	26	2	--	1	—	12	--	1	1	14	3	—	—	--	--	--	--	1	27
Abril	8	4	7	—	1	--	—	--	1	—	--	—	29	6	—	--	—	3	1	—	--	20	2	--	--	--	—	—	—	—	28
Mayo	11	6	4	1	1	—	--	--	—	--	--	—	30	5	—	1	—	7	--	--	--	18	1	--	--	--	--	--	—	—	30
Junio	28	--	1	4	3	—	—	--	—	--	--	—	27	5	--	--	2	11	--	--	--	11	1	—	--	--	2	--	—	—	27
Julio	19	2	1	5	3	--	--	--	--	--	1	—	27	14	1	--	1	4	1	--	--	10	2	--	1	--	3	--	--	--	25
Agsto	2	2	—	8	--	--	1	2	6	—	--	—	22	7	1	—	2	5	--	1	1	14	--	1	--	--	1	--	1	—	28
Sobre	6	5	1	4	1	—	--	--	2	—	--	1	26	10	1	--	—	4	2	—	—	13	—	--	--	--	2	--	--	—	28
Ocbre	3	3	2	2	--	--	--	--	--	--	--	—	31	12	--	—	--	4	—	1	1	13	1	--	--	--	2	--	—	—	28
Nvbre	6	6	2	1	—	—	—	—	—	1	—	—	29	5	—	--	--	1	—	--	2	22	--	--	--	--	--	--	--	—	30
Dcbre	13	1	2	2	--	—	--	--	1	—	--	—	30	8	1	--	--	2	--	--	2	18	--	--	--	--	--	--	--	—	31
SUMA ANUAL	(136	33	30	30	16	--	1	2	10	1	2	--	301	80	4	2	5	61	4	3	7	168	13	1	1	--	10	--	1	1	307)

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol 6-7	7-8	8-9	9-10	10-11	11 12	12-13	13-14	14-15	15-16	16-17	17-18	Frecuencia sin sol 6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero																								
Febro	--	--	11	13	14	8	10	4	2	4	—	—	28	13	8	9	6	8	11	9	7	13	19	28
Marzo	--	—	7	8	12	9	9	7	4	3	--	—	30	21	14	9	9	7	5	9	12	19	22	31
Abril	—	—	9	11	4	5	3	--	1	1	--	—	30	17	12	9	9	9	9	8	15	17	21	30
Mayo	—	1	4	13	10	9	2	5	4	1	2	—	31	20	14	9	4	4	3	6	13	16	24	29
Junio	—	5	10	11	12	9	10	13	8	6	—	--	24	12	9	3	4	5	7	6	4	7	12	24
Julio	—	6	15	16	15	14	13	13	8	7	2	--	24	10	7	7	2	3	2	2	4	9	8	22
Agsto	—	6	18	16	17	16	14	15	14	14	7	—	22	5	6	6	5	4	5	4	2	6	9	19
Spbre	—	—	12	17	18	17	13	15	8	9	3	--	30	15	8	5	3	3	5	6	4	6	13	24
Ocbre	—	—	9	16	18	18	17	17	9	4	--	—	31	17	8	3	3	3	4	5	8	15	20	29
Nvbre	—	—	9	12	14	15	12	12	10	6	1	—	30	18	11	7	3	5	4	4	3	10	16	29
Dcbre	—	--	11	12	16	16	17	19	13	7	1	—	31	19	7	5	3	1	2	7	8	12	21	31
SUMA ANUAL	(—	18	115	145	150	136	120	120	82	62	16	—	311	167	104	71	51	52	57	66	80	130	185	296)

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION SALAZAR DE LA PRECIPITACION AÑO 1.953

	TOTAL		No PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m m	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m m	Durac	Int. Med	Int. Max 5/m	Int. Max 1/m	h min	m m	Int. Med	Int. Max 5 min	Int. Max 1 min (calc)
Enero																				
Febro	244.0	12	20	16	36	202.9	41.1	26:45'	18:55'	45:40'	116.7	5:45'	0.33	10.0	2.0	5:45'	116.7	0.33	10.0	2.0
Marzo	177.1	6	10	2	12	176.7	0.4	21:30'	0:50'	22:20'	152.4	15:20'	0.16	10.0	2.0	15:20'	152.4	0.16	10.0	2.0
Abril	511.8	23	36	29	65	334.6	177.2	72:10'	37:30'	109:40'	106.7	10:10'	0.17	9.5	1.9	13:40'	77.7	0.09	7.7	1.5
Mayo	511.1	24	46	40	86	393.1	118.0	81:55'	47:20'	129:15'	60.8	9:10'	0.11	5.0	1.0	9:10'	60.8	0.11	5.0	1.0
Junio	24.8	10	13	6	19	17.9	6.9	8:25'	6:20'	14:45'	11.9	2:30'	0.07	1.5	0.3	4:00'	3.6	0.01	0.2	0.1
Julio	186.0	12	17	10	27	171.8	14.2	19:30'	9:45'	29:15'	84.8	2:30'	0.32	6.0	1.2	4:25'	5.2	0.01	0.4	0.1
Agsto	147.8	15	13	8	21	131.0	16.8	16:00'	6:55'	22:00'	81.9	3:05	0.44	10.0	2.0	7:40'	35.8	0.16	5.0	1.0
Spbre	265.9	14	13	16	29	232.2	33.7	13:55'	13:10'	29:05'	156.7	3:40'	0.75	9.5	1.9	7:30'	43.0	0.09	5.0	1.0
Ocbre	215.1	19	16	19	35	139.2	75.9	38:10'	22:55'	61:05'	28.3	4:00'	0.11	3.5	0.7	5:05'	7.3	0.02	1.5	0.3
Nvbre	518.4	25	29	16	45	405.5	32.9	61:10'	16:10'	77:20'	94.6	12:40'	0.12	5.0	1.0	12:40'	94.6	0.12	5.0	1.0
Dcbre	111.9	12	12	14	26	45.6	66.3	10:25'	17:00'	27:25'	39.2	4:10'	0.15	2.5	0.5	4:10'	39.2	0.15	2.5	0.5
TOTALES	(2013.9	172	225	176	401	2330.3	583.4	376:00'	201:50'	577:50'	924.0	72:20'	XX	XX	XX	85:25'	636.8	XX	XX	XX)

ESTACION San Vicente MES Enero AÑO 1953 φ = 69° 57' N λ = 73° 26' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED			7	14	20	TOTAL		7	14	20
1	20.0	25.0	21.2	21.8	27.5	19.0	18.0	16.1	15.4	17.5	15.3	92	65	93	83	7.3	6.9	--	--	--	14.1	0.5	00 0	04 1	00 0
2	21.2	23.0	21.0	21.5	24.0	19.8	19.0	17.9	19.3	17.7	18.3	95	91	95	94	9.3	2.1	14.1	18.3	--	18.3	0.4	00 0	04 1	00 0
3	19.9	23.5	22.0	21.8	25.4	18.8	17.1	16.2	18.3	17.3	17.3	94	84	88	89	10.0	3.6	--	0.4	--	0.4	1.6	00 0	00 0	00 0
4	21.2	27.0	23.0	23.5	28.0	20.6	19.2	13.6	18.4	14.8	17.3	98	69	70	79	8.7	4.5	--	--	--	0.7	1.0	00 0	00 0	00 0
5	21.0	23.0	21.8	21.9	24.4	19.5	18.7	16.7	18.0	15.3	16.7	90	85	78	84	9.3	1.4	0.7	0.2	25.9	26.9	0.2	00 0	04 1	04 2
6	20.2	26.0	22.2	22.4	27.4	19.5	18.6	15.1	17.8	17.2	16.7	85	70	86	80	8.0	8.2	0.8	--	0.1	8.9	1.8	00 0	15 1	00 0
7	21.0	22.2	22.2	21.9	24.4	19.6	19.0	14.9	14.7	11.9	13.8	80	71	60	70	9.3	5.5	8.8	--	--	--	1.3	00 0	00 0	00 0
8	19.5	21.0	20.6	20.2	23.0	18.0	17.0	14.6	14.9	13.1	14.2	92	80	72	81	10.0	4.1	--	2.2	--	2.2	0.8	00 0	02 2	00 0
9	18.5	23.0	19.0	19.9	24.0	17.7	16.8	14.7	16.9	14.6	15.4	93	80	89	87	8.0	4.2	--	--	--	--	1.4	00 0	02 2	00 0
10	18.0	23.9	21.0	21.0	25.5	17.7	16.0	14.7	18.1	15.6	16.1	95	82	84	87	7.7	7.2	--	--	--	2.9	1.8	00 0	02 2	00 0
11	19.0	23.0	21.0	21.0	24.2	18.2	17.5	15.2	17.2	13.4	15.3	93	82	72	82	6.7	5.5	2.9	--	--	--	1.6	00 0	06 2	00 0
12	19.6	22.6	20.8	21.0	25.0	18.8	18.0	14.9	17.4	16.1	16.1	88	91	88	89	7.3	5.7	--	0.4	--	0.4	1.6	00 0	06 2	00 0
13	19.2	23.0	21.2	21.1	24.8	18.3	18.0	15.0	17.0	14.7	15.6	90	81	78	83	6.7	6.9	--	--	--	--	1.0	04 1	04 2	00 0
14	21.2	23.6	20.0	21.0	25.0	19.2	18.0	15.4	15.9	12.2	14.8	93	72	70	78	7.0	6.8	--	--	--	--	1.0	00 0	06 1	00 0
15	18.0	22.0	20.0	20.0	25.4	17.7	16.0	14.1	15.5	15.8	15.1	92	78	90	87	8.7	7.0	--	--	--	--	2.1	06 1	00 0	00 0
16	18.2	25.3	20.0	20.9	26.0	17.0	16.0	13.1	16.4	14.7	14.7	84	71	84	90	7.7	10.2	--	--	--	--	1.4	00 0	06 2	04 1
17	18.0	23.2	19.9	20.2	24.2	17.9	17.0	12.9	17.1	14.8	14.9	83	80	86	83	5.7	8.2	--	--	--	--	2.1	00 0	00 0	00 0
18	18.2	24.5	21.3	21.4	25.7	17.7	17.0	14.2	16.5	15.1	15.3	91	73	80	81	5.3	9.9	--	--	--	--	2.4	00 0	02 2	00 0
19	19.4	26.2	22.2	22.5	27.0	19.0	17.7	13.5	16.8	12.0	14.1	80	65	60	68	5.7	10.1	--	--	--	--	3.2	04 1	04 1	00 0
20	19.3	24.9	21.0	21.5	25.7	18.8	18.0	13.5	17.1	14.0	14.9	81	72	75	76	7.3	8.8	--	--	--	--	3.0	00 0	06 1	00 0
21	19.3	25.1	22.0	22.1	26.3	18.0	17.0	15.0	17.4	13.4	15.3	90	72	72	78	7.7	8.6	--	--	--	--	3.2	00 0	00 0	00 0
22	19.2	23.0	21.0	21.0	25.7	18.8	17.9	16.2	19.0	15.4	16.5	97	85	82	88	7.3	4.5	--	--	--	--	1.6	04 1	06 2	00 0
23	19.9	26.2	22.8	22.9	27.0	19.5	18.6	14.2	17.6	13.0	14.9	82	70	63	72	6.7	10.1	--	--	--	--	3.0	00 0	00 0	04 2
24	20.0	26.5	21.8	22.0	27.0	19.1	18.0	16.2	15.7	16.0	16.3	94	72	82	83	6.7	8.0	--	--	--	--	1.9	00 0	10 1	06 2
25	18.5	24.0	21.9	21.5	25.3	18.0	17.2	12.5	16.2	13.6	14.1	78	72	70	73	6.7	8.5	--	--	--	--	3.4	06 1	00 0	00 0
26	18.5	24.0	21.2	21.2	25.3	18.0	17.2	13.8	17.0	14.0	14.9	88	76	74	79	8.3	9.5	--	--	--	--	2.3	02 2	06 2	04 1
27	18.2	24.5	20.6	21.0	25.7	17.3	16.0	14.5	16.6	15.3	15.8	93	72	85	83	6.7	9.1	--	--	--	--	1.3	04 1	06 3	00 0
28	18.5	24.0	21.2	21.2	25.3	18.0	17.0	15.8	18.0	15.1	16.3	98	84	80	87	9.0	6.5	--	--	--	--	1.4	06 1	00 0	00 0
29	19.3	26.0	22.0	22.3	27.0	19.0	18.0	13.2	17.4	16.8	15.8	80	68	85	78	8.7	9.4	--	--	--	--	3.0	00 0	10 3	06 1
30	19.8	25.1	22.0	22.2	27.0	19.0	18.0	13.5	17.9	13.8	15.1	78	75	70	74	7.0	9.7	--	--	--	--	2.4	00 0	00 0	04 3
31	19.5	26.0	21.8	22.3	26.5	18.8	17.8	13.9	15.5	16.0	15.5	81	66	82	76	8.7	9.2	--	--	--	--	3.0	00 0	02 2	06 3
MED.	19.3	24.1	21.3	21.5	25.7	18.6	17.0	14.9	17.0	14.8	15.6	88	76	79	81	7.7	7.1	0.9	0.7	0.8	2.4	1.8	-- -	-- -	-- -

Total 74.8 m.m.

ESTACION San Vicente MES Febrero AÑO 1963 φ = 6º 57' N λ = 73º 26' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.0	25.0	22.0	22.0	25.6	19.0	18.3	12.2	15.4	12.3	13.3	74	65	62	67	9.3	5.6	--	--	--	1.6	3.0	04 1	00 0	06 2
2	17.0	22.0	20.0	19.7	23.4	16.8	16.0	14.0	16.3	16.1	15.5	96	92	92	90	9.0	2.2	1.6	--	--	--	3.2	00 0	00 0	04 1
3	19.2	22.0	20.7	20.6	25.3	16.5	17.5	15.1	16.8	15.4	15.8	91	85	84	87	8.7	5.5	--	--	--	13.8	1.3	06 1	16 1	16 2
4	18.9	20.7	19.9	19.8	22.0	17.7	16.5	15.8	17.3	14.2	15.8	97	94	83	91	10.0	0.4	13.8	0.1	--	0.1	1.1	00 0	06 3	00 0
5	17.4	20.0	19.3	19.0	22.8	17.0	16.0	14.2	16.3	15.0	15.2	98	94	90	94	9.0	2.2	--	0.1	0.5	5.6	1.0	04 1	00 0	00 0
6	17.3	22.2	19.8	19.8	23.0	16.8	15.0	14.4	15.9	14.7	15.0	98	80	85	88	9.7	2.3	5.0	2.3	--	2.3	0.3	02 2	10 1	00 0
7	18.5	23.0	21.0	20.9	25.5	18.0	17.0	15.8	14.5	15.4	15.2	98	66	83	82	8.3	5.7	--	5.2	0.1	5.5	0.8	04 1	06 1	00 0
8	18.8	21.2	20.2	20.1	22.2	17.7	17.0	15.8	17.5	15.1	16.1	97	93	85	92	10.0	0.5	0.2	--	--	--	0.8	00 0	02 1	00 0
9	18.0	21.5	21.0	19.9	23.3	17.6	16.0	15.2	16.4	14.1	15.2	98	86	80	88	10.0	1.0	--	0.3	--	1.8	0.8	06 2	06 1	00 0
10	19.4	23.3	21.0	21.2	24.0	18.0	17.0	15.2	17.6	14.6	15.8	90	82	78	83	9.3	2.3	1.5	--	--	--	1.4	00 0	04 1	00 0
11	18.3	23.5	20.0	20.4	24.0	17.1	16.2	14.8	15.5	14.1	14.8	94	71	80	82	10.0	5.7	--	--	--	33.7	1.0	00 0	00 0	00 0
12	18.0	23.1	20.6	20.6	24.0	17.6	16.0	15.2	17.4	14.4	15.7	98	81	79	86	9.3	6.2	33.7	--	--	--	1.4	04 1	00 0	04 1
13	19.3	25.0	21.3	21.7	25.6	18.5	17.0	15.4	15.4	15.4	15.4	93	65	82	80	7.7	8.9	--	--	--	--	1.0	00 0	00 0	04 1
14	17.8	24.0	20.2	20.5	25.0	17.0	16.0	15.1	14.1	11.5	13.6	98	63	64	75	9.3	6.9	--	1.0	--	1.0	0.9	04 1	00 0	00 0
15	18.8	22.0	21.5	20.9	24.0	17.7	17.0	14.3	15.9	13.4	14.5	86	80	70	79	8.0	4.1	--	--	--	--	1.4	00 0	02 1	00 0
16	18.4	24.0	21.0	21.1	25.0	18.0	17.5	13.5	16.0	14.9	14.8	85	71	80	78	8.3	6.6	--	--	--	--	2.0	00 0	00 0	00 0
17	20.3	25.0	22.2	22.4	26.0	19.5	18.3	15.1	17.3	14.1	15.5	85	72	70	76	8.0	8.4	--	--	--	--	3.0	00 0	10 1	08 1
18	20.4	23.0	21.3	21.5	23.8	19.3	18.2	16.0	18.0	14.2	16.1	90	85	75	83	10.0	2.7	--	--	--	0.1	2.0	04 1	04 2	00 0
19	18.8	22.0	19.0	19.7	23.0	18.0	17.0	16.0	16.3	13.9	15.4	98	82	85	88	6.0	1.2	0.1	0.9	1.0	1.9	2.0	00 0	04 2	00 0
20	18.5	20.0	18.0	18.6	22.0	16.5	15.8	13.5	15.8	14.7	14.7	85	90	95	90	8.7	--	--	--	--	26.7	1.0	00 0	06 2	04 1
21	17.0	22.7	20.0	19.9	23.8	16.7	16.0	14.6	17.6	15.0	15.7	100	85	86	90	7.7	4.7	26.7	--	--	--	0.4	00 0	06 2	04 2
22	19.0	23.0	19.9	20.4	24.0	18.0	17.0	15.9	14.8	15.9	15.5	96	70	92	86	7.3	3.2	--	--	--	--	1.3	00 0	00 0	00 0
23	17.6	22.4	20.4	20.2	23.8	17.3	16.1	15.2	18.2	13.4	15.6	100	90	74	88	8.0	5.3	--	--	--	--	2.0	00 0	06 2	06 2
24	18.4	22.4	20.2	20.3	25.0	18.0	17.0	15.6	17.3	14.3	15.7	98	86	80	88	9.0	7.1	--	--	--	--	2.4	00 0	02 2	00 0
25	19.3	25.9	20.7	21.6	26.0	18.0	17.0	15.6	18.1	16.4	16.7	94	72	90	85	8.7	5.8	--	0.6	--	0.6	1.8	00 0	02 1	02 2
26	19.2	24.0	21.6	21.6	25.7	18.8	18.0	16.1	17.9	14.5	16.2	95	80	75	84	8.3	7.5	--	--	--	--	2.6	00 0	02 2	02 2
27	20.1	25.2	21.9	22.3	25.3	19.0	18.0	15.7	16.9	15.4	16.0	89	70	79	79	7.7	8.7	--	--	--	--	2.8	02 1	04 1	06 2
28	20.0	23.8	21.6	21.7	24.7	18.0	17.8	13.4	17.3	15.4	15.4	76	78	80	78	7.7	--	--	--	--	--	3.0	00 0	00 0	00 0
29																									
30																									
31																									
MED.	18.7	22.9	20.5	20.6	24.2	17.9	16.3	15.0	16.6	14.6	15.4	93	79	81	84	8.7	4.3	3.0	0.4	--	3.4	1.6	--	--	--

Total 94.7 m.m.

ESTACION San Vicente MES Marzo AÑO 1963 φ = 60 57' N λ = 73° 20' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.5	26.0	22.2	22.5	26.6	18.7	18.0	15.7	16.2	16.3	16.1	93	65	81	80	9.0	8.2	--	--	--	0.8	0.8	00 0	06 1	00 0
2	21.0	25.0	23.0	23.0	26.6	20.0	19.0	15.4	13.8	16.9	15.4	82	56	80	73	7.7	6.4	0.8	0.2	--	0.2	2.4	00 0	06 1	00 0
3	20.2	25.6	23.0	22.9	26.6	18.8	18.0	16.6	15.1	17.7	16.5	94	62	84	80	9.0	6.4	--	--	--	--	1.6	00 0	00 0	00 0
4	20.4	26.0	22.2	22.7	26.6	19.5	18.0	15.7	16.1	12.0	14.6	88	64	60	71	10.0	6.7	--	--	--	--	1.8	00 0	00 0	00 0
5	21.0	27.2	23.2	24.1	28.5	20.0	19.0	12.8	14.4	16.5	14.6	69	53	80	67	7.7	9.5	--	--	--	--	2.4	00 0	02 3	00 0
6	20.3	25.0	21.8	22.2	27.0	19.6	19.0	16.1	16.3	16.7	16.4	91	68	86	82	7.3	3.6	--	0.1	--	0.2	2.6	04 1	04 2	06 1
7	19.9	23.2	22.1	21.8	24.0	19.7	18.7	14.3	17.1	16.3	15.9	88	80	81	83	8.3	2.1	0.1	0.1	--	0.1	1.4	00 0	00 0	00 0
8	21.0	25.0	22.6	22.8	27.1	19.8	19.0	14.2	11.9	11.0	12.4	76	50	53	60	7.3	5.5	--	0.1	--	0.1	2.8	00 0	00 0	00 0
9	19.8	23.0	22.1	21.7	24.0	19.0	18.2	16.0	13.2	15.9	15.0	93	64	80	79	10.0	3.2	--	--	1.3	1.3	2.0	02 1	06 3	00 0
10	20.1	21.0	20.2	20.4	22.2	19.0	18.0	16.9	14.9	13.6	15.1	96	80	76	84	8.3	0.8	--	0.7	--	0.7	1.0	00 0	06 1	02 1
11	19.8	24.0	22.2	22.0	25.0	19.2	18.0	14.8	13.5	15.5	14.6	86	60	77	74	9.3	4.9	--	1.8	4.1	6.0	2.6	00 0	00 0	00 0
12	19.6	23.8	21.8	21.6	25.4	19.1	18.7	14.9	15.3	17.8	16.0	88	69	93	83	9.3	2.1	0.1	--	0.4	0.4	1.4	06 2	06 2	00 0
13	20.2	23.0	21.2	21.4	26.4	18.4	17.6	14.3	14.0	15.3	14.5	80	66	81	76	6.7	7.6	--	--	--	--	1.7	04 1	04 2	02 2
14	20.0	25.6	22.0	22.4	26.3	18.3	17.5	14.1	14.4	16.1	14.9	80	60	81	74	9.3	6.2	--	--	--	--	2.1	00 0	04 1	00 0
15	20.2	26.0	23.0	23.0	27.2	19.5	19.0	17.4	14.9	17.0	16.4	96	60	81	80	8.7	5.4	--	0.1	--	0.1	1.3	02 2	06 1	02 1
16	22.0	23.3	22.8	22.5	26.3	20.5	19.2	15.8	17.9	16.7	16.8	80	84	80	81	8.3	2.8	--	0.4	--	0.4	0.6	00 0	06 2	00 0
17	21.5	25.4	23.0	23.2	27.0	20.0	19.0	16.0	15.7	16.9	16.5	83	70	80	78	9.0	7.2	--	--	--	--	3.0	00 0	00 0	00 0
18	20.6	23.3	21.3	21.9	24.0	19.5	18.6	16.2	17.1	15.9	16.4	90	80	81	84	8.0	1.9	--	0.7	--	0.7	1.6	02 1	00 0	00 0
19	20.4	21.9	21.8	21.5	25.2	19.5	18.4	16.0	14.2	14.1	14.8	90	73	72	78	9.0	0.7	--	--	--	--	1.3	00 0	06 1	00 0
20	21.0	26.3	24.0	23.8	27.5	20.0	19.0	16.7	14.8	17.0	16.2	90	58	76	75	7.7	7.5	--	--	--	--	1.8	00 0	00 0	00 0
21	21.5	26.0	23.8	23.7	27.5	20.2	19.1	14.7	17.6	16.3	16.2	76	68	73	72	7.7	5.0	--	--	--	--	2.0	00 0	02 1	04 1
22	21.0	25.0	23.3	23.1	25.8	20.4	18.6	16.7	17.3	17.6	17.2	90	72	83	82	10.0	2.3	--	--	--	2.3	1.3	00 0	00 0	00 0
23	20.0	22.6	22.0	21.6	25.0	19.0	18.2	17.2	16.4	18.5	17.4	98	80	94	91	10.0	3.1	2.3	0.1	--	0.1	0.4	02 1	04 1	00 0
24	20.6	22.0	21.8	21.5	24.0	19.5	18.1	17.4	16.7	15.6	16.6	96	84	80	87	10.0	1.2	--	28.1	3.5	32.2	1.3	00 0	00 0	00 0
25	19.5	22.4	21.2	21.1	24.5	18.6	17.7	16.2	16.1	15.4	15.9	95	80	82	86	9.7	2.1	0.6	---	--	1.5	0.3	04 1	00 0	00 0
26	20.0	24.2	22.0	22.0	26.0	18.8	17.0	16.1	15.9	16.7	16.2	92	70	84	82	9.3	3.4	1.5	--	--	--	1.1	00 0	06 2	00 0
27	20.3	24.0	22.0	22.1	25.4	19.3	18.6	16.1	19.6	17.1	17.6	92	87	90	90	9.7	4.3	--	--	5.7	5.7	1.1	00 0	06 2	00 0
28	21.0	25.9	23.2	24.3	26.6	20.0	19.0	18.7	19.0	13.4	17.0	100	80	64	81	8.0	4.8	--	0.1	0.9	36.3	0.6	00 0	02 1	00 0
29	19.0	23.0	21.8	21.4	24.8	18.2	17.5	16.5	17.2	17.5	17.1	100	82	90	91	9.3	5.5	37.3	--	--	2.8	1.0	00 0	02 2	00 0
30	19.9	20.8	20.5	20.4	23.4	19.0	18.0	16.3	18.1	15.5	16.6	100	98	86	95	10.0	3.2	2.8	8.8	3.1	12.0	1.6	00 0	06 1	00 0
31	19.8	21.0	19.0	19.7	28.0	19.0	19.7	15.6	17.8	16.3	16.6	90	96	99	95	9.3	0.2	0.1	83.2	0.6	83.9	0.4	00 0	02 1	02 2
MED.	20.4	24.1	22.1	22.2	25.8	19.3	18.4	15.8	15.9	16.0	15.9	89	72	80	80	8.8	4.3	1.5	4.0	0.6	6.1	11.5	--	--	--

Total 189.8 m.m.

ESTACION San Vicente MES Abril AÑO 1963 φ = 6° 57' N λ = 73° 26' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.9	22.0	19.9	20.2	23.0	18.0	17.1	15.5	17.3	14.2	15.7	95	86	83	99	10.0	—	—	0.7	0.1	0.8	0.5	00 0	02 2	04 1
2	19.7	22.0	19.9	20.4	23.3	18.6	17.2	14.2	17.8	13.9	15.3	83	90	80	84	10.0	2.7	—	—	—	4.7	0.5	00 0	02 2	04 1
3	19.0	22.4	20.8	20.7	23.5	18.3	17.0	13.9	17.7	14.7	15.4	85	88	80	84	9.3	3.8	3.0	14.8	—	49.4	1.4	00 0	06 2	00 0
4	18.7	22.0	21.4	20.9	24.0	18.5	17.0	15.5	16.7	13.3	15.2	95	84	70	83	8.3	2.8	34.6	2.6	—	43.4	0.4	00 0	04 1	00 0
5	18.8	22.5	20.2	20.4	23.0	17.6	17.0	15.0	16.2	16.3	15.8	93	80	93	89	8.7	6.4	40.8	—	—	6.4	1.0	00 0	00 0	04 1
6	18.8	24.6	21.2	21.4	25.3	18.6	17.6	15.7	16.3	17.1	16.4	96	70	91	86	8.0	2.3	6.4	0.7	0.1	56.6	2.0	00 0	08 1	00 0
7	17.8	23.3	19.3	19.9	23.8	17.5	17.0	14.8	15.0	16.1	15.3	96	70	95	87	9.3	3.7	55.8	18.6	--	18.6	0.4	00 2	04 1	04 1
8	18.0	25.6	20.9	21.3	26.6	17.6	17.0	12.4	17.3	17.6	15.8	80	70	96	82	7.7	2.8	—	—	0.1	12.7	2.0	02 1	02 1	00 0
9	19.2	24.2	21.0	21.3	25.4	18.2	18.0	15.9	17.0	16.3	16.4	95	75	88	86	10.0	6.0	12.6	—	--	—	2.0	00 0	16 3	00 0
10	20.0	23.0	19.0	20.2	25.0	19.0	18.2	16.1	15.8	14.9	15.6	92	74	91	86	8.7	2.0	--	--	13.2	16.0	1.0	00 0	00 0	02 3
11	19.0	23.0	20.9	20.9	24.5	18.0	17.0	15.5	17.0	17.1	16.5	94	81	93	89	10.0	5.5	2.8	0.1	—	0.1	1.2	02 1	00 0	00 0
12	18.8	23.5	21.0	21.1	24.8	18.8	18.0	15.0	17.8	16.7	16.5	93	83	90	89	10.0	6.2	—	--	--	—	0.4	02 1	00 0	04 1
13	20.2	23.2	22.2	21.9	25.0	20.0	18.6	15.5	17.6	14.4	15.8	88	83	73	81	9.0	5.6	—	2.3	—	2.3	1.4	00 0	02 1	00 0
14	19.9	23.6	21.8	21.8	25.0	18.0	17.0	14.7	16.0	14.8	15.2	85	73	76	78	10.0	2.9	—	0.1	0.5	0.6	1.0	04 1	00 0	00 0
15	20.7	24.9	22.0	22.4	26.2	19.7	18.7	17.6	16.6	17.0	17.1	96	70	86	84	9.3	5.2	--	--	0.1	3.1	1.2	00 0	06 1	00 0
16	20.4	24.8	22.1	22.3	26.0	18.7	18.0	15.4	16.6	18.0	16.7	86	70	90	82	8.0	6.6	3.0	—	—	2.2	1.4	00 0	06 1	06 1
17	21.0	26.0	23.2	23.3	27.0	19.9	19.0	17.2	17.8	14.2	16.4	93	70	66	76	10.0	3.2	2.2	—	—	—	1.4	00 0	06 1	00 0
18	20.5	23.5	21.6	21.8	25.0	19.6	19.0	15.7	15.9	17.5	16.4	87	73	92	84	10.0	1.2	—	—	—	—	1.6	00 0	00 0	00 0
19	21.0	24.0	23.0	22.8	27.0	20.0	19.0	16.7	17.5	16.9	17.0	90	78	90	83	9.0	5.5	—	3.3	0.1	3.4	1.0	00 0	00 0	00 0
20	21.4	23.1	22.1	22.2	26.0	20.0	17.5	18.3	15.0	19.2	17.5	95	70	98	88	9.3	—	—	--	52.0	63.3	1.0	00 0	00 0	04 2
21	20.2	22.8	20.8	21.1	25.0	19.0	17.0	14.6	16.7	16.9	16.1	83	80	92	85	9.0	1.5	11.3	—	—	—	1.0	04 1	00 0	00 0
22	20.6	25.0	22.1	22.4	25.4	19.9	19.0	14.5	13.8	15.7	14.7	85	58	78	74	5.3	6.8	—	—	—	—	1.4	00 0	00 0	00 0
23	21.0	24.0	19.7	21.1	26.8	20.0	19.1	14.2	16.0	14.5	14.9	76	71	84	77	9.3	1.0	—	—	21.5	23.1	2.1	00 0	06 2	04 2
24	20.2	23.0	21.0	21.3	25.5	18.8	18.2	16.4	14.8	14.2	15.1	92	70	76	79	10.0	3.7	1.6	—	0.9	5.0	3.0	00 0	08 2	04 1
25	20.0	24.8	22.0	22.2	25.8	18.8	18.0	15.8	15.4	17.8	16.3	90	66	90	82	7.7	2.3	4.1	—	—	—	1.6	06 1	06 2	04 3
26	21.0	25.7	18.5	20.9	27.4	20.0	19.5	16.7	14.5	11.5	14.2	90	56	72	73	7.7	7.6	—	—	—	—	2.6	00 0	00 0	00 0
27	20.6	26.0	22.8	23.0	26.3	19.3	18.3	15.6	17.8	18.8	17.4	86	70	91	82	9.3	6.4	—	—	0.7	2.8	2.8	00 0	00 0	02 1
28	19.6	22.8	20.5	20.8	24.4	18.3	17.0	16.8	15.0	15.0	15.6	98	72	82	84	9.7	2.0	2.1	—	—	7.4	3.6	00 0	02 1	00 0
29	19.3	22.7	20.4	20.7	23.0	17.7	17.0	15.1	14.9	17.0	15.7	91	71	95	86	10.0	--	7.4	1.6	—	1.7	1.4	06 1	00 0	00 0
30	20.4	24.2	20.8	21.5	25.1	19.0	18.0	14.8	15.8	17.0	15.8	81	70	92	81	9.3	1.7	0.1	—	—	0.3	1.2	00 0	00 0	04 1
31																									
MED.	19.8	23.7	21.1	21.4	25.1	18.8	17.9	15.5	16.3	16.0	15.9	90	74	85	83	9.1	3.8	6.3	1.5	3.0	10.8	1.4	--	--	--

Total 323.9 m.m.

ESTACION San Vicente MES Mayo AÑO 19 63 φ = 60 57' N λ = 73° 26' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	20.7	25.2	21.4	22.2	26.8	18.9	18.8	16.9	15.3	17.3	16.5	92	62	91	82	9.3	5.4	0.3	1.5	—	32.5	1.2	00 0	06 2	00 0
2	19.6	24.6	21.2	21.8	26.0	18.8	17.5	16.8	17.2	16.1	16.7	98	73	86	86	8.3	4.6	31.0	18.2	—	18.5	1.3	02 1	16 2	00 0
3	20.8	25.6	20.9	22.0	26.0	17.5	17.5	17.3	17.3	16.9	17.2	94	70	92	85	8.3	6.0	0.3	—	—	—	1.2	06 1	02 2	00 0
4	20.6	25.8	22.0	22.3	26.2	19.5	18.0	16.2	17.6	14.4	16.1	90	70	73	78	7.3	7.4	—	—	—	5.4	0.8	00 0	00 0	00 0
5	21.0	22.8	21.4	21.6	24.5	19.5	17.5	18.3	17.5	15.8	17.2	98	84	83	88	9.7	4.2	5.4	2.2	1.1	3.8	1.0	00 0	00 0	06 2
6	20.6	21.7	20.3	20.7	23.8	19.0	17.5	17.2	15.4	14.6	15.7	95	79	83	86	10.0	1.9	0.5	—	—	—	1.3	00 0	00 0	00 0
7	19.6	22.2	21.4	21.1	26.0	18.5	17.5	14.9	14.1	16.9	15.3	88	70	89	82	8.7	3.3	—	—	0.4	6.4	1.8	00 0	00 0	00 0
8	19.0	24.5	21.2	21.4	25.5	18.5	17.0	16.2	18.3	17.2	17.2	97	80	92	90	10.0	5.9	6.0	—	—	—	0.4	00 0	00 0	00 0
9	19.9	23.8	20.6	21.2	26.2	18.8	18.1	16.8	17.3	16.9	17.0	97	78	93	89	9.7	5.5	—	—	—	19.4	2.0	00 0	06 2	00 0
10	19.0	25.2	20.6	21.3	26.2	18.5	18.0	15.9	18.6	15.3	16.6	96	77	85	86	8.7	2.6	19.4	—	16.6	33.3	2.0	00 0	00 0	00 0
11	18.3	23.8	20.6	20.8	25.0	18.0	17.5	15.1	17.3	16.9	16.4	95	78	93	89	9.3	8.4	16.7	—	—	—	1.2	00 0	00 0	00 0
12	20.0	26.0	21.2	22.1	27.2	19.4	18.0	16.2	14.9	13.5	14.9	93	61	72	75	9.0	6.1	—	—	8.4	8.4	1.4	00 0	02 1	00 0
13	21.0	24.0	21.8	22.1	25.2	20.2	18.8	16.7	13.8	15.6	15.4	90	62	80	77	9.7	—	—	0.7	2.7	9.7	2.0	00 0	00 0	00 0
14	19.5	23.6	21.3	21.4	24.8	18.1	17.0	16.2	15.6	15.6	15.8	95	74	83	84	9.3	2.8	6.3	0.1	0.1	0.4	1.0	00 0	00 0	00 0
15	20.4	23.6	21.8	21.9	26.5	19.0	18.0	16.5	17.1	16.4	16.7	92	78	83	84	9.0	3.7	1.0	0.1	0.1	0.4	1.0	00 0	00 0	00 0
16	20.1	22.9	21.8	21.6	24.0	19.2	18.3	17.2	14.4	16.6	16.1	98	68	84	83	10.0	2.8	0.2	0.6	—	17.7	1.4	00 0	00 0	00 0
17	21.4	26.8	21.5	22.8	27.4	19.0	17.5	17.7	14.6	16.9	16.4	93	55	88	79	9.3	7.0	17.1	—	—	0.8	0.6	06 1	04 2	04 3
18	20.8	25.4	21.8	22.4	27.0	19.2	18.7	16.8	15.2	17.5	16.5	91	63	90	81	9.3	6.7	0.8	—	—	—	1.6	00 0	00 0	02 2
19	22.8	21.8	21.2	21.7	24.0	19.5	18.0	18.1	16.7	13.7	16.1	87	83	73	81	8.3	1.9	—	2.3	0.9	3.2	1.2	00 0	00 0	00 0
20	20.8	23.8	21.7	22.0	25.5	20.0	18.0	16.1	15.6	16.4	16.0	88	72	83	81	9.3	4.4	—	0.5	2.6	3.6	1.6	00 0	00 0	00 0
21	21.0	24.5	22.0	22.4	26.0	19.9	18.4	16.5	16.2	16.7	16.5	89	70	84	81	9.3	3.2	0.5	—	—	—	1.4	00 0	04 2	00 0
22	21.6	26.4	23.6	23.8	28.2	20.0	18.5	16.2	17.2	16.5	16.5	84	66	74	75	7.7	8.7	—	—	1.6	8.6	1.6	00 0	04 2	00 0
23	21.8	28.2	21.3	23.1	29.3	20.0	19.0	16.0	17.6	17.5	17.0	82	64	93	80	8.7	8.3	7.0	—	3.4	3.5	2.6	00 0	04 1	02 2
24	21.7	25.2	22.0	22.7	26.0	19.0	18.6	15.6	15.3	15.8	15.6	80	64	80	75	8.7	1.0	0.1	—	—	—	1.4	00 0	00 0	00 0
25	21.1	24.0	21.6	22.1	27.0	20.3	19.0	17.5	15.7	14.5	15.9	93	71	75	80	8.7	2.4	—	42.1	—	45.4	2.0	00 0	00 0	00 0
26	19.2	24.9	21.2	21.8	27.5	18.8	17.6	16.5	18.8	17.3	17.5	99	80	93	91	10.0	1.9	3.3	—	—	—	2.6	00 0	06 1	06 3
27	20.1	24.5	22.4	22.3	26.0	19.4	18.0	14.6	18.4	13.8	15.6	83	80	66	76	9.0	6.3	—	0.7	3.2	4.2	2.0	00 0	00 0	04 2
28	19.8	23.6	21.4	21.5	25.0	19.0	18.0	16.4	18.6	14.0	16.3	95	84	73	84	10.0	2.1	0.3	—	0.8	0.8	0.4	06 1	00 0	00 0
29	20.6	23.6	22.0	22.0	27.0	19.5	18.0	13.2	16.9	17.3	15.8	73	77	88	79	8.3	5.6	—	—	—	29.7	0.4	00 0	06 1	04 6
30	20.4	24.7	20.8	21.7	27.7	19.0	18.0	17.2	15.4	16.4	16.3	96	66	90	84	10.0	5.1	29.7	—	58.4	63.0	1.0	00 0	00 0	04 1
31	21.0	25.0	22.0	22.5	26.5	19.0	18.5	15.4	18.0	17.8	17.1	83	75	90	83	7.3	6.4	4.6	—	—	—	1.3	00 0	00 0	00 0
MED.	20.4	24.4	21.5	21.9	26.2	19.2	18.0	16.4	16.5	16.0	16.3	91	72	84	82	9.0	4.5	4.8	2.2	3.2	10.3	1.4	— —	— —	— —

Total 319.3 m.m.

ESTACION San Vicente MES Junio AÑO 1963 φ = 69° 57' N λ = 73° 28' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	20.4	22.8	21.2	21.4	24.0	19.5	18.6	17.2	16.7	15.6	16.5	98	80	83	86	9.3	0.7	—	0.8	—	0.8	1.0	16 1	00 0	06 1
2	23.2	25.6	23.4	23.9	27.5	20.0	18.0	16.5	17.3	15.2	17.0	86	70	70	75	8.7	6.0	—	—	0.1	0.4	1.2	00 0	00 0	00 0
3	19.8	25.6	20.8	21.7	26.0	19.5	18.0	16.8	15.5	13.4	15.2	97	63	73	78	10.0	1.5	0.3	—	4.4	4.6	1.2	00 0	02 2	00 0
4	20.8	24.0	21.4	21.9	25.0	19.0	18.0	16.4	15.6	16.8	16.4	90	72	88	83	10.0	1.1	0.2	0.1	1.1	1.2	1.1	00 0	06 1	00 0
5	20.4	25.2	23.2	23.0	28.0	19.0	18.0	16.0	15.2	18.2	16.5	90	63	85	79	8.0	6.3	—	—	—	—	0.8	00 0	04 1	00 0
6	21.8	25.4	22.0	22.8	28.0	19.0	18.5	14.7	15.8	16.7	15.7	75	64	84	74	8.0	6.4	--	0.3	0.4	0.7	1.3	00 0	00 0	00 0
7	21.3	25.8	23.8	23.8	28.0	20.7	20.1	15.3	16.0	17.1	16.1	81	60	78	73	5.0	7.8	--	—	—	—	2.2	00 0	00 0	04 1
8	22.2	24.0	23.0	23.0	27.5	21.3	19.8	18.7	15.8	16.4	17.0	93	71	78	81	8.7	3.3	--	0.4	1.2	2.8	1.1	00 0	00 0	02 2
9	21.0	23.6	21.4	21.8	26.0	19.0	18.0	16.7	15.4	18.0	16.7	90	70	94	85	10.0	6.3	1.2	1.5	—	24.9	1.0	00 0	00 0	00 0
10	19.8	20.4	21.0	20.5	25.5	18.5	18.0	15.6	15.9	16.7	16.1	90	89	90	90	9.3	3.0	23.4	1.3	2.5	6.9	0.4	00 0	04 1	04 1
11	19.8	22.5	20.0	20.5	25.5	18.0	17.0	15.5	16.6	14.9	15.7	92	81	85	86	9.3	3.5	3.1	11.2	—	18.3	0.5	00 0	02 2	04 1
12	18.9	23.7	21.0	21.1	25.4	18.3	17.5	15.5	17.7	14.2	15.8	95	80	76	84	8.7	3.6	7.1	—	—	11.7	1.4	04 1	00 0	00 0
13	18.6	20.6	19.6	19.6	25.0	17.7	17.0	15.6	16.2	15.7	15.8	97	90	92	93	9.0	1.2	11.7	1.3	—	1.4	1.0	00 0	06 1	00 0
14	20.6	24.8	21.6	22.1	26.0	18.6	17.0	16.5	15.4	15.4	15.8	91	68	80	79	8.3	5.7	0.1	0.2	—	0.2	1.6	00 0	06 3	00 0
15	19.9	23.4	21.4	21.5	25.0	19.2	17.8	15.4	18.8	17.3	17.2	89	88	91	89	6.3	7.2	—	—	—	2.9	1.0	00 0	00 0	00 0
16	20.0	24.8	22.1	22.2	26.0	19.5	18.0	16.4	17.5	18.0	17.3	93	75	90	86	7.7	2.8	2.9	—	—	—	0.4	00 0	00 0	00 0
17	20.0	25.1	21.2	21.9	25.6	18.0	17.0	12.3	12.5	15.6	13.5	71	52	83	69	8.0	5.7	—	—	4.5	4.5	1.8	06 3	02 2	04 1
18	21.4	25.6	21.0	22.2	27.0	20.0	18.0	15.3	15.1	15.1	15.2	80	62	81	74	7.0	6.0	—	—	—	—	2.0	00 0	06 1	12 1
19	21.8	28.6	23.0	23.5	27.0	19.4	17.5	15.8	14.7	16.4	15.6	82	56	78	72	6.3	8.1	—	—	—	1.5	2.4	00 0	16 2	00 0
20	21.3	27.0	22.0	23.1	28.0	20.2	19.7	14.2	14.5	13.6	14.1	75	54	69	66	7.3	6.7	1.5	—	1.0	1.0	2.4	00 0	02 1	06 1
21	20.8	25.4	22.6	22.8	26.8	19.5	18.0	13.8	15.2	13.8	14.3	74	63	65	67	10.0	6.0	—	—	3.6	3.6	3.2	06 3	00 0	00 0
22	22.4	27.3	22.5	23.7	28.0	20.5	18.0	14.9	14.4	13.9	14.4	73	53	65	64	7.7	7.0	—	0.1	0.1	0.2	2.4	00 0	00 0	00 0
23	20.8	28.4	23.2	23.4	27.0	19.5	18.0	13.8	14.7	15.0	14.5	75	57	70	67	9.0	3.2	—	—	0.2	0.2	2.1	00 0	00 0	00 0
24	20.7	25.8	22.0	22.8	26.3	19.8	18.7	16.8	14.9	16.3	16.0	91	61	82	78	9.0	3.4	—	—	0.2	0.2	2.0	00 0	00 0	00 0
25	22.0	23.0	21.2	21.8	26.5	19.0	19.0	16.3	17.7	15.0	16.3	82	84	79	82	9.3	3.0	—	13.1	0.1	13.9	1.2	00 0	02 3	00 0
26	20.5	24.6	21.8	22.2	26.0	19.2	18.1	15.8	15.8	16.4	16.0	88	67	83	79	7.3	9.0	0.7	—	—	—	3.4	00 0	00 0	00 0
27	21.0	25.0	20.0	21.5	26.5	19.5	18.0	17.0	15.4	16.1	16.2	91	65	92	83	8.7	5.4	—	2.2	10.7	14.8	0.4	02 1	00 0	06 1
28	20.1	24.0	21.8	21.9	25.5	18.4	17.6	15.1	15.7	17.5	16.1	85	70	90	82	10.0	2.3	1.9	—	—	1.0	1.0	00 0	00 0	00 0
29	19.9	25.8	21.5	22.2	26.8	19.8	18.8	14.2	14.9	14.7	14.6	82	61	76	73	9.3	5.7	1.0	—	—	—	1.4	00 0	00 0	00 0
30	20.2	26.3	22.1	22.7	27.5	18.5	18.0	15.1	14.3	16.6	15.3	85	56	83	75	8.3	7.1	--	—	7.4	7.4	2.1	00 0	00 0	06 1
31																									
MED.	20.7	24.7	21.8	22.2	26.3	19.3	18.1	15.7	15.7	15.9	15.8	86	68	81	78	8.5	4.8	1.8	1.1	1.2	4.2	1.2	— —	— —	— —

Total 125.1 m.m.

ESTACION San Vicente MES Julio AÑO 1963 φ = 69° 57' N λ = 73° 26' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	21.2	25.2	21.4	22.3	27.0	19.2	18.7	15.7	15.3	13.3	14.8	80	64	70	71	8.3	8.5	—	—	0.9	2.7	2.5	00 0	05 3	06 4
2	22.0	26.8	21.8	23.1	27.1	18.8	17.2	13.8	14.6	17.1	15.2	70	55	88	71	8.7	7.1	1.8	—	—	26.0	2.4	00 0	00 0	00 0
3	19.4	25.4	21.9	22.1	26.3	17.3	15.8	13.5	15.2	13.6	14.1	80	63	70	71	8.7	6.7	26.9	—	—	—	1.4	00 0	00 0	00 0
4	20.2	25.9	23.4	23.2	27.0	19.2	13.5	16.8	15.8	15.7	16.3	95	64	72	77	9.0	5.4	—	—	—	2.4	2.0	00 0	00 0	00 0
5	20.0	25.8	23.2	23.0	27.0	13.4	17.8	12.6	14.9	17.6	15.0	72	60	83	72	9.3	4.7	2.4	—	—	16.7	2.2	04 1	00 0	00 0
6	22.0	24.2	21.2	22.1	26.5	19.0	18.0	14.4	15.7	17.7	15.9	72	69	94	78	9.3	4.0	16.7	—	—	—	1.2	04 1	02 2	06 3
7	20.0	25.8	21.4	22.1	27.2	19.0	18.5	14.1	15.4	17.7	15.7	90	62	93	78	8.7	4.6	—	—	—	0.1	1.3	00 0	02 2	00 0
8	20.8	24.8	21.9	22.3	26.0	19.0	18.0	16.4	15.4	14.0	15.3	90	66	73	76	7.7	3.2	0.1	8.9	—	9.1	2.0	00 0	04 1	02 3
9	20.4	24.2	23.0	22.6	26.5	18.0	17.5	16.0	15.7	14.8	15.5	90	89	70	76	9.7	4.6	1.1	0.1	0.3	0.4	1.2	00 0	04 1	04 1
10	20.4	24.4	20.8	21.6	25.5	18.5	18.0	16.0	14.8	15.4	15.7	90	65	90	82	9.0	1.7	—	—	—	—	1.2	00 0	04 2	02 3
11	13.4	24.8	20.0	21.0	25.8	18.5	18.0	16.3	14.0	16.9	15.7	98	60	96	84	9.3	5.4	—	—	—	—	1.4	04 2	02 2	04 1
12	20.8	26.0	21.2	22.3	27.5	19.0	18.0	14.7	14.9	17.1	15.6	80	80	91	77	7.3	8.2	—	—	—	—	0.8	04 1	02 2	05 1
13	20.4	26.0	21.5	22.3	27.0	18.5	18.0	16.3	14.9	15.7	15.6	91	60	82	78	8.0	7.5	—	—	—	—	1.2	04 1	04 1	00 0
14	22.0	25.4	21.2	22.4	27.4	19.0	18.0	15.8	15.2	17.2	16.1	80	63	92	78	7.0	7.9	—	1.7	0.5	3.2	1.4	04 1	02 2	00 0
15	18.6	23.5	21.1	21.1	24.6	18.3	18.0	15.8	14.7	15.4	15.3	98	67	82	82	10.0	6.4	0.9	—	3.0	23.0	2.4	00 0	06 1	06 2
16	20.5	22.5	20.6	21.0	24.8	17.8	17.0	16.1	15.0	15.9	16.0	90	73	93	85	9.0	2.0	20.0	—	—	0.6	2.4	00 0	04 3	00 0
17	18.8	25.0	21.4	21.6	26.4	18.0	17.4	13.4	15.4	15.3	14.7	82	65	80	76	8.7	8.3	0.5	16.6	3.3	19.9	2.4	00 0	04 1	00 0
18	20.7	25.2	21.3	22.1	25.8	17.2	16.6	14.7	14.0	17.2	15.3	80	58	92	77	7.7	7.7	—	—	—	—	0.8	00 0	00 0	04 3
19	19.7	23.7	21.3	21.5	25.2	19.1	17.2	17.0	15.9	14.4	15.8	98	72	76	82	8.0	4.4	—	—	—	—	1.4	06 1	00 0	00 0
20	22.2	25.1	21.5	22.6	27.5	19.2	16.8	12.4	16.7	17.8	15.6	70	70	93	78	7.0	6.4	—	2.1	—	3.0	2.7	00 0	05 2	00 0
21	18.2	25.6	21.3	21.6	26.2	15.8	17.8	15.4	15.1	15.1	15.2	97	62	80	80	10.0	4.7	0.9	0.9	—	0.9	1.4	00 0	04 2	06 1
22	19.9	25.4	21.5	22.1	26.3	18.0	17.0	15.1	17.9	14.0	15.7	88	73	73	78	8.0	6.5	—	—	—	—	3.0	00 0	04 1	06 3
23	20.4	26.6	20.4	22.9	27.2	19.7	17.5	13.0	15.8	15.0	14.6	73	60	84	72	9.0	7.8	—	—	4.9	5.1	3.1	00 0	00 0	00 0
24	20.6	26.2	21.8	22.3	26.8	20.0	17.9	14.5	15.5	13.6	14.5	80	60	70	70	7.3	9.6	0.2	—	0.8	0.8	2.5	00 0	06 1	00 0
25	22.4	25.6	23.1	23.5	27.7	20.5	18.8	14.5	14.7	12.8	14.0	71	60	80	67	6.3	7.0	—	—	—	0.9	3.8	00 0	00 0	00 0
26	21.8	24.8	23.0	23.1	25.0	20.4	17.7	16.8	14.0	13.2	14.7	97	60	84	70	7.7	7.2	0.9	—	0.1	0.1	2.4	00 0	06 1	00 0
27	21.3	22.4	21.7	21.8	24.8	20.6	18.6	14.0	14.5	12.1	13.5	74	70	82	69	10.0	5.8	—	—	0.2	0.4	1.8	000 0	00 0	00 0
28	21.8	25.6	22.9	23.3	27.8	13.7	18.1	16.0	17.3	15.7	16.7	92	70	80	77	7.7	7.8	0.2	—	—	—	2.1	00 0	00 0	00 0
29	21.2	24.8	21.0	22.0	26.8	18.8	17.8	15.8	14.0	14.8	14.9	84	60	79	74	5.3	7.3	—	—	0.2	0.2	2.2	00 0	00 0	00 0
30	21.2	24.2	21.2	22.9	26.8	13.2	17.6	13.5	16.1	16.7	15.4	72	70	89	77	7.0	3.1	—	—	—	—	2.4	00 0	00 0	00 0
31	21.6	25.4	19.8	21.6	28.1	20.2	18.3	16.0	17.0	14.8	15.9	83	70	86	80	9.0	7.8	—	—	4.3	8.2	1.5	00 0	04 1	06 3
MED.	20.6	25.0	21.6	22.2	26.5	18.9	17.8	15.0	15.3	15.5	15.3	83	64	81	76	8.3	6.1	2.3	0.9	0.6	4.0	2.0	— —	— —	— —

Total 124.6 m.m.

ESTACION San Vicente MES Agosto AÑO 1963 Ψ = 6° 57' N λ = 73° 26' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.9	23.9	21.3	21.3	28.2	17.8	17.0	14.6	16.4	13.2	14.7	91	74	70	78	7.3	3.7	3.9	—	—	18.7	1.8	00 0	00 0	00 0
2	17.7	24.3	19.9	20.4	28.2	17.0	16.0	14.2	18.1	16.4	16.2	93	80	95	89	8.7	3.1	18.7	0.5	—	0.5	1.4	00 0	16 2	00 0
3	19.4	24.2	21.8	21.8	26.1	17.6	17.0	14.7	16.5	16.7	16.0	98	73	86	82	8.7	7.9	—	—	—	—	2.4	00 0	00 0	00 0
4	19.6	25.4	22.8	22.6	27.2	17.8	17.2	15.5	16.0	17.0	16.2	91	66	82	80	4.0	9.6	—	—	—	—	2.8	00 0	00 0	00 0
5	21.2	23.9	20.6	21.6	25.8	19.8	17.5	17.7	15.9	13.2	15.6	94	72	73	80	10.0	2.5	—	2.5	16.5	19.0	1.2	04 1	02 1	00 0
6	21.3	26.5	23.0	23.4	27.5	20.2	18.4	13.2	15.6	12.6	13.8	70	60	60	63	9.7	4.9	—	—	—	—	1.2	00 0	02 2	00 0
7	20.1	25.5	22.2	22.5	28.4	18.0	17.0	15.1	17.2	16.3	16.2	85	70	81	79	6.3	4.4	—	—	3.7	3.7	1.8	00 0	02 1	00 0
8	20.9	23.5	21.8	22.0	25.2	19.0	16.9	15.2	15.6	16.6	15.8	82	72	84	79	9.0	4.2	—	—	0.4	0.4	1.0	00 0	00 0	00 0
9	21.3	24.0	23.2	22.9	25.4	19.2	18.7	16.7	15.9	16.5	16.7	89	75	77	80	8.7	1.9	—	—	6.8	6.9	1.6	00 0	00 0	00 0
10	19.0	24.4	21.2	21.4	26.8	18.6	18.3	15.5	13.7	13.5	14.2	94	60	72	75	6.3	6.7	0.1	2.0	0.7	2.7	1.4	00 0	00 0	00 0
11	20.1	25.8	23.1	23.0	27.8	18.7	18.2	16.6	17.7	17.9	17.4	94	71	84	83	5.3	9.8	—	—	—	—	1.5	00 0	00 0	00 0
12	21.6	25.7	23.8	23.7	28.4	20.6	18.2	15.7	15.8	16.4	17.0	81	75	74	77	8.0	8.4	—	0.2	—	0.2	2.4	00 0	06 2	00 0
13	21.9	26.8	22.0	23.1	27.4	20.4	17.5	15.3	13.2	15.8	14.8	78	50	80	69	8.0	4.8	-	—	—	—	2.4	00 0	00 0	00 0
14	22.2	25.4	23.0	23.4	27.7	20.4	17.5	16.8	14.6	14.8	15.4	85	61	70	72	8.7	6.0	—	0.1	4.6	4.7	1.2	00 0	00 0	00 0
15	20.0	23.2	22.0	21.8	26.5	21.7	19.2	16.6	14.6	13.0	14.7	95	68	66	76	10.0	9.4	—	—	—	—	3.0	00 0	06 1	00 0
16	22.2	25.4	21.6	22.4	27.1	19.6	19.0	15.9	15.9	17.8	16.5	80	65	93	79	9.3	2.5	—	—	—	—	1.8	06 1	02 1	00 0
17	21.4	27.0	23.4	23.8	28.0	20.5	18.1	13.3	16.2	16.2	15.2	70	60	75	68	7.7	9.9	—	—	—	—	3.3	00 0	00 0	06 1
18	21.3	27.2	23.0	23.8	28.5	20.4	19.6	15.1	17.1	16.4	16.3	80	63	78	74	8.7	8.2	—	—	—	24.9	2.5	00 0	00 0	06 1
19	22.2	25.2	21.8	22.7	27.0	19.0	17.0	14.1	17.9	17.5	16.5	70	94	90	78	8.3	7.7	24.9	—	—	0.2	3.6	00 0	06 2	06 2
20	21.4	25.2	18.8	21.0	26.0	20.0	18.5	16.8	17.7	13.7	16.1	88	73	85	82	8.7	4.5	0.2	—	21.9	21.7	1.4	04 1	06 1	06 1
21	18.8	24.8	21.8	21.8	26.5	17.0	16.0	14.5	15.4	12.4	14.1	89	66	64	73	9.0	7.3	0.4	1.8	0.1	1.9	0.4	00 0	06 1	06 1
22	21.6	22.6	22.0	22.0	27.5	19.5	18.5	17.8	15.0	16.6	16.5	93	72	83	83	7.3	7.4	—	—	—	0.8	0.5	00 0	16 1	04 1
23	18.0	25.8	23.8	22.8	26.5	17.5	16.0	15.0	15.1	15.9	15.3	97	78	72	82	8.3	9.4	0.8	1.1	—	34.9	0.9	06 1	02 1	04 1
24	19.0	25.8	22.0	22.2	26.5	18.0	17.0	15.5	19.5	17.8	17.6	94	78	90	87	8.3	8.8	33.8	2.3	—	2.3	0.2	04 1	04 1	04 2
25	20.6	25.4	23.4	23.2	28.5	18.5	18.0	16.2	17.9	16.2	16.8	90	73	74	79	7.0	4.9	—	—	—	4.0	0.8	04 1	04 1	00 0
26	19.4	26.1	23.0	22.9	27.8	18.2	17.4	15.5	17.8	17.0	16.8	92	70	81	81	9.3	5.4	4.0	—	—	—	0.6	04 1	00 0	00 0
27	21.1	25.7	20.7	22.0	27.8	19.1	18.0	17.5	14.9	15.2	15.9	93	60	83	79	9.7	4.4	—	2.7	1.5	4.2	2.0	00 0	06 2	04 3
28	19.8	24.8	22.8	22.5	27.0	18.4	17.5	16.0	18.0	16.8	16.9	92	81	81	85	8.7	7.7	—	—	—	19.4	1.9	00 0	02 2	04 1
29	23.2	27.8	20.8	23.1	28.5	19.0	17.0	15.0	18.0	14.7	15.9	70	65	80	72	9.0	8.1	19.4	—	1.2	1.2	1.9	00 0	04 1	04 2
30	22.4	26.8	23.8	24.7	29.5	18.6	19.4	17.3	18.6	19.2	18.4	86	70	86	81	6.3	8.0	—	—	—	2.0	2.6	00 0	00 0	04 3
31	19.4	26.8	22.0	22.5	28.0	18.4	17.5	15.2	18.5	18.4	17.4	90	70	93	84	9.0	4.0	2.0	—	—	—	2.0	00 0	04 1	04 1
MED.	20.5	25.3	22.1	22.5	27.3	19.0	17.7	15.6	16.6	15.9	16.0	86	69	79	78	8.1	6.3	3.5	0.4	1.8	5.6	1.7	— —	— —	— —

Total 174.3 m.m.

ESTACION San Vicente MES Septiembre AÑO 1963 φ = 08 57' N λ = 73 26' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	20.6	25.4	23.4	23.2	28.0	19.6	18.0	15.0	17.0	15.2	15.7	83	70	70	74	9.7	6.3	--	--	--	--	1.1	00 0	02 2	06 1
2	20.4	23.2	21.4	21.6	28.7	19.2	18.6	16.0	17.4	15.8	16.4	90	81	83	85	8.3	5.8	--	--	0.2	0.6	1.8	06 1	04 1	00 0
3	21.8	25.3	22.2	22.9	29.4	19.7	19.0	16.0	17.4	16.6	16.7	82	72	82	79	9.0	7.6	0.4	--	--	--	2.0	00 0	16 2	04 3
4	21.9	27.1	22.6	23.5	28.7	19.6	18.0	14.6	18.0	15.5	16.0	74	66	75	72	9.0	6.6	--	--	--	--	3.0	02 1	08 2	00 0
5	21.4	27.2	22.6	23.4	28.0	19.6	18.3	17.1	17.0	17.0	17.0	90	62	83	78	7.0	5.6	--	0.3	0.1	0.5	1.0	00 0	00 0	06 1
6	20.8	26.8	23.0	23.4	27.0	19.5	18.0	17.1	17.3	15.8	16.7	93	63	75	77	9.3	2.3	0.3	--	--	--	0.3	06 1	00 0	00 0
7	20.1	25.6	20.4	21.6	28.0	19.5	17.0	15.9	19.3	15.3	16.8	90	78	85	84	9.3	3.3	--	--	3.3	4.6	1.0	00 0	02 2	00 0
8	19.1	25.0	21.4	21.7	27.0	18.5	18.0	16.4	17.3	18.0	17.2	98	72	94	88	9.3	3.7	1.3	--	--	1.5	0.3	06 2	00 0	00 0
9	20.8	26.0	22.0	22.4	27.0	18.5	18.0	15.2	18.0	15.0	16.1	83	71	66	73	8.3	6.1	1.5	--	0.2	1.2	1.3	00 0	02 1	06 1
10	19.8	25.2	21.4	21.9	27.0	18.8	17.0	16.7	18.4	18.0	17.7	96	76	94	89	9.3	3.7	1.0	--	--	0.1	2.0	00 0	00 0	04 3
11	21.7	26.2	22.8	23.4	27.0	19.8	18.3	13.6	17.1	17.6	16.1	70	64	85	73	5.3	9.0	0.1	--	--	3.3	1.0	06 1	00 0	04 1
12	21.6	22.4	22.6	22.3	26.5	19.5	10.0	16.2	15.9	14.7	15.6	84	78	71	78	10.0	4.8	3.3	14.5	4.5	31.0	0.7	04 1	00 0	04 1
13	20.4	25.4	23.0	22.9	26.3	18.5	17.0	13.4	17.0	17.2	15.9	74	70	82	75	9.3	6.4	12.0	0.1	0.1	0.4	0.6	04 1	06 1	04 1
14	20.4	25.4	21.0	21.9	26.6	18.5	17.1	15.3	17.0	15.8	16.0	85	70	80	78	6.0	5.7	0.2	--	--	--	0.5	10 1	10 1	06 1
15	21.4	26.2	22.0	22.9	27.5	20.0	15.5	16.2	17.7	17.0	17.0	85	70	85	80	8.3	6.5	--	--	--	7.0	0.6	04 1	04 1	04 1
16	19.6	25.3	22.4	22.4	27.0	18.5	17.5	16.8	18.4	17.3	17.4	98	78	86	87	8.3	6.1	7.0	--	--	0.3	1.0	06 1	06 1	06 1
17	22.4	23.8	22.8	22.9	26.2	18.5	17.6	18.2	17.7	19.6	18.5	90	80	94	88	9.3	3.1	0.3	13.8	3.0	17.0	0.6	00 0	04 1	04 1
18	18.8	21.8	20.4	20.3	25.0	18.0	17.2	15.7	17.5	17.4	16.9	96	90	98	95	10.0	1.6	0.2	--	--	3.3	1.0	06 1	02 1	04 1
19	19.0	21.9	19.4	19.9	24.5	18.3	17.9	14.8	15.6	16.3	15.6	90	80	96	89	9.7	--	3.3	--	--	--	1.4	00 0	00 0	04 2
20	19.2	25.0	21.8	21.9	27.5	18.5	18.0	14.0	16.7	17.1	15.9	84	70	88	81	8.7	7.0	--	0.2	--	0.2	0.0	04 1	00 0	04 1
21	20.2	24.7	22.0	22.2	27.0	19.5	18.0	15.2	18.4	17.0	16.9	86	81	86	84	8.3	6.4	--	0.1	--	0.1	0.2	00 0	06 1	04 1
22	20.6	24.4	21.0	21.7	27.0	18.5	17.7	15.6	18.0	17.3	17.0	88	82	93	87	8.3	6.3	--	--	--	--	0.4	00 0	00 0	00 0
23	20.2	24.8	22.2	22.3	27.0	19.0	18.0	16.9	16.6	14.1	15.9	94	70	70	78	10.0	4.6	--	--	0.2	0.5	1.1	00 0	04 1	00 0
24	21.6	25.0	22.4	22.8	28.0	19.5	18.0	13.4	17.6	15.9	15.6	70	72	78	73	9.0	8.1	0.3	--	0.2	0.6	1.2	00 0	02 1	00 0
25	20.0	26.0	21.4	22.2	27.5	19.0	18.0	17.5	17.8	14.6	16.6	100	70	76	82	8.7	5.1	0.4	--	0.1	0.1	0.0	02 2	02 1	02 1
26	20.8	22.4	20.8	21.2	26.5	19.5	18.3	16.4	16.8	15.8	16.3	90	82	86	86	8.0	4.0	--	--	1.0	3.6	0.5	00 0	00 0	04 1
27	18.8	19.8	23.0	21.1	28.0	18.2	17.6	15.7	13.9	13.8	14.5	96	80	65	80	7.3	8.7	2.6	--	--	3.3	0.5	00 0	00 0	10 1
28	19.8	25.4	21.0	21.8	26.0	18.0	17.0	13.6	13.6	14.9	14.0	82	56	80	73	8.0	5.1	3.3	--	--	0.5	0.4	00 0	00 0	04 1
29	20.4	25.8	20.8	21.9	26.2	19.0	18.5	16.0	16.3	16.9	16.4	90	66	92	83	9.3	4.8	0.5	--	--	16.2	1.4	04 1	02 1	00 0
30	20.4	25.2	21.4	22.1	26.1	18.5	18.0	14.5	16.9	17.6	16.3	80	70	92	81	8.7	9.0	16.2	--	--	0.4	1.4	02 1	02 1	00 0
31																									
MED.	20.5	24.8	21.8	22.2	27.1	19.0	17.8	15.6	17.1	16.3	16.3	87	73	83	81	8.6	5.4	1.8	1.0	0.4	3.2	0.9	--	--	--

Total 96.3 m.m.

ESTACION San Vicente MES Octubre AÑO 1963 φ = 69 57' N λ = 73° 26' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.4	24.4	21.2	21.5	25.5	19.0	18.5	16.6	19.6	16.9	17.7	98	85	90	91	10.0	4.4	0.4	--	--	0.1	1.4	06 2	00 0	04 1
2	20.2	26.6	21.4	22.4	28.0	18.0	17.0	15.1	17.2	16.6	16.3	85	64	85	78	8.3	9.6	0.1	--	--	61.7	1.2	00 0	02 1	00 0
3	18.6	20.6	20.2	19.9	25.0	17.0	16.0	14.0	15.8	15.4	15.2	87	87	90	88	10.0	1.8	61.7	0.4	--	4.2	1.0	04 1	02 1	04 2
4	20.2	26.2	22.0	22.8	26.9	18.6	18.0	15.9	18.0	16.0	16.6	90	70	85	82	8.7	6.9	3.8	--	--	6.5	1.3	04 1	02 1	00 0
5	21.4	25.6	22.4	22.9	26.5	19.5	18.5	16.3	19.3	15.4	16.6	86	78	80	81	8.3	7.0	8.5	--	--	--	2.0	00 0	00 0	00 0
6	21.0	26.2	23.0	23.3	27.0	18.5	18.0	14.9	18.2	16.9	16.7	80	72	80	77	8.0	8.1	--	--	--	--	1.2	04 1	02 1	00 0
7	19.8	23.9	21.8	21.8	26.0	19.2	18.3	14.2	17.8	17.5	16.4	82	77	90	83	9.0	1.5	--	6.4	--	9.8	1.0	00 0	00 0	04 1
8	19.8	23.4	21.2	21.4	24.8	18.5	17.6	17.0	16.2	16.9	16.7	98	75	90	88	10.0	4.0	3.4	--	0.2	9.5	0.2	00 0	02 1	04 1
9	18.4	25.0	20.2	20.9	25.5	17.5	16.0	15.0	18.0	16.8	16.6	94	75	95	88	9.3	4.4	9.3	--	--	--	1.2	00 0	00 0	04 2
10	20.6	25.3	22.2	22.6	26.0	19.5	18.5	13.6	17.0	14.1	14.9	75	70	70	72	8.3	7.2	--	--	--	--	0.8	00 0	00 0	00 0
11	20.4	24.6	22.4	22.4	27.0	19.0	18.0	14.5	17.0	17.2	16.2	80	73	85	79	7.3	6.8	--	0.1	--	0.1	1.2	00 0	02 1	00 0
12	19.0	24.6	20.4	21.1	25.0	16.5	17.5	15.8	16.5	16.0	15.8	96	67	90	84	8.3	1.9	--	--	--	3.3	1.0	04 1	00 0	04 1
13	19.6	21.6	21.2	20.9	22.5	19.0	18.0	17.1	15.2	14.2	15.5	100	79	75	85	9.0	0.5	3.3	3.3	--	3.3	1.1	04 1	00 0	00 0
14	20.0	24.0	20.8	21.4	25.0	18.5	18.0	15.9	15.7	17.1	16.2	91	70	93	85	7.7	5.4	--	--	--	0.6	0.4	04 1	02 1	04 1
15	19.4	22.0	20.6	20.6	26.0	18.0	17.0	16.6	16.6	17.2	16.8	98	83	95	92	9.0	2.8	0.6	0.3	0.5	1.1	1.0	04 1	00 0	04 1
16	19.6	22.0	20.4	20.6	22.4	19.5	18.0	16.7	15.8	16.5	16.3	96	80	90	89	10.0	0.2	0.2	1.7	--	3.7	1.0	04 1	04 1	00 0
17	19.4	25.2	21.4	21.8	25.5	18.5	18.0	15.2	18.2	16.8	16.7	90	75	88	84	8.7	4.3	2.0	--	--	1.1	1.0	00 0	02 1	00 0
18	20.2	25.0	21.6	22.1	26.5	19.0	18.0	16.4	16.7	17.8	17.0	93	70	93	85	9.3	3.4	1.1	0.2	--	6.7	1.0	04 1	00 0	04 1
19	20.0	27.0	20.6	22.0	28.0	18.5	17.0	15.5	16.2	16.2	16.0	88	60	90	79	9.3	7.8	6.5	0.1	5.8	7.3	1.2	00 0	02 2	00 0
20	19.2	24.6	20.2	21.0	26.9	18.5	17.6	15.0	18.1	16.4	16.5	90	78	93	87	9.3	7.0	1.4	--	6.8	8.0	1.2	00 0	02 1	00 0
21	18.8	24.2	21.4	21.4	25.5	18.0	17.0	14.9	17.0	17.1	16.3	82	76	90	83	9.3	4.1	1.2	--	--	--	1.2	04 1	02 1	04 1
22	20.4	25.4	22.0	22.4	26.8	19.5	18.5	14.5	17.4	17.8	16.7	80	73	90	81	7.3	2.9	--	--	--	--	1.0	04 1	00 0	00 0
23	19.4	26.2	22.6	22.7	26.5	19.0	18.0	16.3	10.5	14.5	15.8	96	63	70	76	9.3	7.0	--	--	--	--	1.2	16 2	04 1	00 0
24	19.4	24.0	21.0	21.3	26.5	18.0	17.0	16.3	17.0	16.3	16.5	96	76	88	87	10.0	5.7	--	0.1	0.5	0.9	1.1	04 1	04 1	00 0
25	20.6	23.6	21.0	21.5	24.0	19.5	18.0	17.2	18.0	17.7	17.6	95	83	95	91	10.0	3.0	0.3	0.4	0.3	0.7	1.1	04 2	00 0	00 0
26	20.4	25.8	20.0	21.5	27.0	18.5	18.0	15.7	17.4	15.8	16.5	88	73	90	84	9.0	8.4	--	--	11.5	13.5	1.0	04 1	04 1	04 2
27	20.2	24.8	21.2	21.8	25.2	19.0	18.0	17.1	17.0	15.9	16.7	96	72	85	84	9.3	7.8	2.0	--	0.1	58.3	1.2	04 1	04 1	00 0
28	19.9	23.0	20.4	20.9	25.0	17.7	16.0	15.0	15.5	14.5	15.0	87	73	80	80	9.3	7.4	56.2	--	--	--	0.4	00 0	00 0	00 0
29	19.4	24.6	21.4	21.7	25.6	18.5	17.8	16.3	16.8	15.3	16.1	96	72	80	83	9.3	1.7	--	6.0	7.5	13.9	0.8	00 0	00 0	04 1
30	20.2	23.2	20.2	20.9	24.5	19.0	18.0	17.4	17.4	16.1	17.0	98	81	91	90	9.3	1.4	0.4	--	0.4	9.2	1.8	00 0	00 0	04 1
31	19.2	23.2	20.0	20.8	24.5	18.0	17.0	15.8	16.0	16.9	16.2	100	74	96	90	9.3	1.4	9.9	5.2	--	5.3	0.9	00 0	00 0	00 0
MED.	19.8	24.4	21.2	21.8	25.7	18.6	17.8	15.7	17.1	16.3	16.4	91	74	87	84	9.0	4.0	5.5	0.8	1.1	7.4	1.1	-- -	-- -	-- -

Total 228.8 m.m.

ESTACION San Vicente MES Noviembre AÑO 19 63 φ = 6º 57' N λ = 73º 25' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	20.0	26.6	21.4	22.3	27.5	18.5	18.0	15.8	15.8	17.1	16.2	90	60	90	80	8.0	4.9	—	—	—	16.4	1.0	00 0	04 1	00 0
2	20.2	24.0	21.4	21.7	26.5	19.0	18.0	17.4	17.2	16.2	16.9	98	78	85	87	8.7	5.2	16.4	—	—	1.9	1.0	00 0	04 1	04 1
3	19.6	24.0	22.4	22.1	25.4	19.3	18.0	16.8	17.5	17.2	17.2	98	80	85	88	10.0	7.2	1.9	—	1.7	9.9	1.0	04 1	00 0	00 0
4	19.4	24.8	20.0	21.0	25.3	18.2	17.3	15.2	16.6	13.4	15.1	90	70	76	79	10.0	—	8.2	—	—	9.8	0.8	00 0	00 0	00 0
5	20.0	27.4	20.8	22.2	28.2	18.8	18.0	16.2	16.7	15.5	16.1	93	60	85	79	8.3	5.9	9.8	—	—	7.6	1.0	04 1	00 0	00 0
6	20.7	25.0	21.0	21.9	26.2	18.3	17.6	16.2	16.7	16.7	16.5	90	70	90	83	8.3	4.1	7.6	—	—	1.8	0.9	02 2	04 1	00 0
7	19.6	25.8	20.8	21.7	26.2	18.5	18.0	16.8	17.6	16.4	16.9	98	70	90	86	8.3	4.7	1.8	21.7	—	21.7	1.0	00 0	00 0	00 0
8	20.6	26.4	20.8	22.1	27.0	19.5	18.0	17.2	17.0	17.1	17.1	95	65	93	84	9.3	7.2	—	-	—	—	1.4	04 2	04 1	00 0
9	20.0	24.0	22.0	22.0	25.5	19.8	19.0	16.9	15.7	17.3	16.6	98	70	88	85	10.0	8.3	—	0.4	—	0.4	0.6	00 0	00 0	04 1
10	20.4	26.3	22.0	22.9	27.0	19.8	19.0	16.0	17.0	17.8	16.9	90	65	90	82	7.3	2.0	—	—	0.2	19.3	0.8	02 1	00 0	00 0
11	18.3	24.4	20.8	21.1	25.5	17.8	17.0	14.3	15.3	16.4	15.3	92	68	90	83	9.7	2.8	19.1	—	—	—	1.2	00 0	04 2	00 0
12	20.4	21.3	19.8	20.3	24.0	18.8	18.0	14.5	14.2	14.7	14.5	80	75	85	80	6.7	6.1	—	21.1	0.1	31.9	1.8	00 0	00 0	00 0
13	19.0	22.8	19.6	20.2	23.8	17.6	17.0	14.5	15.5	16.3	15.4	88	75	95	86	6.7	1.3	10.7	6.9	—	7.0	0.9	00 0	04 1	04 1
14	17.6	23.6	19.2	19.9	24.4	17.0	16.2	13.5	17.4	15.0	15.3	90	79	90	86	10.0	—	0.1	0.3	2.0	31.9	0.8	00 0	02 1	00 0
15	18.2	21.2	19.0	19.3	22.6	17.5	17.0	15.4	16.9	14.9	15.7	98	90	91	93	10.0	0.3	29.6	13.8	—	13.8	0.8	00 0	00 0	00 0
16	19.0	26.0	22.2	22.3	26.3	18.0	17.0	14.8	17.8	15.1	15.9	90	70	75	78	7.7	5.7	—	—	0.1	0.6	0.8	00 0	00 0	00 0
17	19.4	22.6	20.0	20.5	23.5	17.0	16.0	15.1	17.2	16.6	16.3	90	84	95	90	8.7	4.9	0.5	—	0.4	0.4	0.5	00 0	00 0	04 1
18	20.6	21.4	19.8	20.4	22.8	19.0	18.0	17.0	15.3	15.4	16.1	95	70	92	86	8.0	6.5	—	—	—	—	0.8	00 0	00 0	00 0
19	20.0	25.2	22.4	22.5	26.0	19.0	18.0	14.7	17.9	17.2	16.6	84	81	85	83	6.7	6.0	—	—	--	0.2	1.0	00 0	00 0	00 0
20	21.3	24.9	22.0	22.5	26.7	20.0	19.1	16.6	17.2	14.8	16.2	88	72	74	78	8.0	4.6	0.2	—	--	2.4	2.6	00 0	00 0	00 0
21	20.2	25.0	20.3	21.4	26.2	19.0	18.2	17.3	17.0	15.4	16.6	97	70	87	85	9.0	7.7	2.4	1.2	—	2.5	2.0	00 0	00 0	04 1
22	20.2	22.2	20.2	20.7	25.8	19.1	18.0	16.4	14.6	15.1	15.4	93	83	85	87	10.0	3.3	1.3	5.4	0.3	5.7	1.4	00 0	06 1	00 0
23	19.6	24.0	20.2	21.0	25.8	19.0	18.0	15.4	17.2	14.0	15.5	90	78	79	82	9.3	0.4	—	—	2.4	2.4	1.0	00 0	04 1	00 0
24	19.4	25.0	21.2	21.7	25.8	19.0	18.0	15.1	17.0	14.2	15.4	90	70	75	78	8.3	5.1	—	—	0.8	5.8	0.8	04 1	00 0	00 0
25	20.4	22.8	19.2	20.4	23.8	19.0	18.2	15.3	16.0	14.2	15.2	87	77	86	83	7.7	5.0	5.0	0.6	—	0.6	2.0	00 0	06 1	00 0
26	19.0	24.0	21.6	21.5	25.0	17.0	16.0	14.1	17.0	16.8	16.0	86	75	87	83	6.7	7.4	—	1.2	—	1.2	2.0	00 0	00 0	00 0
27	19.8	22.7	20.8	21.0	24.0	18.3	17.5	14.5	16.4	14.9	15.3	84	80	81	82	6.3	4.4	—	0.4	—	0.4	0.9	00 0	06 1	04 1
28	18.8	23.6	20.2	20.7	25.8	17.5	17.0	15.0	15.9	16.6	15.8	93	72	94	86	6.0	8.6	—	—	--	—	2.4	00 0	00 0	00 0
29	20.0	24.0	21.6	21.8	26.3	18.4	17.0	16.9	17.7	15.1	16.6	96	80	81	86	5.0	6.4	—	—	—	—	1.0	00 0	02 1	00 0
30	20.4	25.8	20.9	22.0	26.3	19.5	17.8	15.9	15.8	15.4	15.7	84	65	84	79	7.0	6.5	—	—	—	—	1.6	00 0	06 1	00 0
31																									
MED.	19.7	24.2	20.8	21.4	25.5	18.6	17.7	15.7	16.6	15.8	16.0	91	73	86	83	8.2	4.8	3.8	2.4	0.3	6.5	1.2	— -	— -	— -

Total 135.6 m.m.

ESTACION San Vicente MES Diciembre AÑO 19 63 φ = 6° 57' N λ = 75° 25' W.GR - ALTURA 1.200 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	20.5	25.8	22.0	22.6	26.3	14.0	18.4	15.7	17.6	16.8	16.7	87	74	85	82	5.3	7.0	—	—	—	—	2.4	00 0	02 2	00 0
2	20.6	24.8	21.6	22.1	27.5	19.5	18.0	15.3	16.5	16.2	16.0	85	69	84	79	4.7	6.1	—	0.3	—	0.3	0.8	00 0	08 1	00 0
3	20.8	25.0	21.5	22.2	25.9	19.4	18.5	17.6	17.4	17.2	17.4	96	75	90	87	7.7	4.7	—	—	—	—	1.5	00 0	02 1	00 0
4	20.8	20.8	21.3	22.4	27.4	19.5	18.0	16.4	18.1	16.2	16.9	90	70	87	82	6.3	5.7	—	—	—	—	1.4	00 0	10 1	00 0
5	20.6	26.3	21.8	22.6	27.3	19.5	19.0	17.2	15.5	16.6	16.4	95	60	85	80	6.0	5.3	—	—	—	—	0.5	00 0	00 0	04 1
6	22.4	26.0	22.6	23.4	27.4	20.5	19.0	15.3	17.8	17.0	16.7	75	70	83	76	8.0	6.4	—	—	—	—	1.0	00 0	00 0	00 0
7	21.0	27.4	23.0	23.8	28.0	19.9	19.0	16.3	16.7	15.8	16.3	88	60	75	74	9.0	7.4	—	—	—	—	0.8	00 0	04 1	00 0
8	21.8	25.0	22.8	23.1	27.0	21.0	19.5	18.5	16.3	18.7	17.9	45	68	90	84	9.0	3.3	—	0.9	—	0.9	1.0	00 0	00 0	00 0
9	21.3	26.8	22.0	23.0	28.0	19.5	18.6	16.9	16.0	17.0	16.6	90	60	86	79	8.7	6.2	—	—	—	—	1.6	00 0	10 2	00 0
10	21.2	26.4	23.8	23.8	27.4	20.5	19.0	16.1	18.1	14.2	16.1	86	70	64	73	7.3	8.3	—	—	—	—	1.2	00 0	04 1	04 1
11	21.2	26.2	22.8	23.2	28.0	20.5	19.0	15.9	15.5	17.2	16.2	85	60	83	76	8.3	7.5	—	—	—	—	1.0	00 0	00 0	04 1
12	21.6	27.0	22.6	23.4	28.0	20.3	19.1	12.2	14.5	14.5	13.7	64	54	70	63	8.7	5.8	—	—	—	—	1.2	00 0	02 1	04 1
13	21.4	26.6	23.0	23.5	27.0	20.0	19.0	17.1	15.8	16.4	16.4	90	62	78	77	8.3	5.7	—	—	—	—	1.2	00 0	00 0	00 0
14	21.6	27.4	22.6	23.5	28.0	20.5	19.3	15.4	18.1	16.4	16.6	80	65	80	75	7.7	8.2	—	—	—	—	1.2	00 0	02 2	00 0
15	21.2	27.0	22.4	23.3	28.0	20.0	18.8	16.9	17.9	17.2	17.3	90	66	85	80	8.3	7.6	—	—	—	—	1.2	04 1	04 1	00 0
16	21.2	24.0	22.5	22.6	26.6	20.0	19.0	16.9	16.6	17.2	16.9	90	74	85	83	8.7	7.0	—	—	—	0.1	1.2	00 0	00 0	00 0
17	21.0	22.5	21.6	21.7	23.8	20.0	19.0	17.0	16.2	16.4	16.5	91	80	85	85	8.3	0.4	0.1	—	—	—	1.2	00 0	04 1	04 1
18	19.9	21.4	20.4	20.5	22.2	19.0	18.6	16.7	16.9	15.6	16.4	96	90	87	91	10.0	0.2	—	47.5	0.1	47.6	0.2	00 0	00 0	00 0
19	21.3	26.0	21.2	22.4	27.0	20.0	19.2	16.1	15.4	18.2	16.7	86	70	97	84	8.7	5.4	—	—	—	—	0.4	00 0	00 0	00 0
20	20.5	25.4	22.0	22.5	26.0	18.7	18.7	17.3	17.2	17.2	17.2	96	70	87	84	9.0	4.7	—	—	—	0.1	1.2	00 0	02 1	00 0
21	21.0	24.6	21.2	22.0	26.5	20.5	19.3	17.8	17.8	18.6	18.1	96	76	90	90	8.3	4.8	0.1	—	—	—	1.2	00 0	02 1	00 0
22	21.0	25.4	22.0	22.6	25.6	19.9	19.0	17.8	16.4	15.8	16.7	96	67	80	81	9.0	5.5	—	—	—	—	0.4	00 0	04 1	00 0
23	20.3	26.2	23.0	23.1	27.0	19.5	18.0	16.8	18.0	18.3	17.7	95	70	86	70	5.0	8.3	—	—	—	—	1.2	00 0	00 0	00 0
24	21.4	27.3	23.0	23.7	28.0	20.5	19.3	18.4	16.2	16.9	17.2	96	60	80	79	9.3	4.7	—	—	—	0.5	1.2	00 0	00 0	04 1
25	20.6	25.0	22.4	22.6	26.6	19.0	18.0	17.4	14.2	18.2	16.6	96	60	90	82	8.7	5.2	0.5	0.5	—	0.5	1.2	04 2	04 1	00 0
26	20.0	25.0	21.8	22.1	27.0	19.0	18.0	17.2	16.8	17.0	17.0	98	71	87	85	8.3	3.5	—	—	—	—	1.0	00 0	04 1	04 1
27	21.4	27.2	22.0	23.1	28.5	20.0	19.0	16.3	17.5	17.9	17.2	86	64	91	80	8.7	8.1	—	—	—	—	1.2	00 0	04 1	00 0
28	21.6	25.4	22.4	22.9	27.5	20.0	19.0	18.4	16.6	18.1	17.7	95	70	90	85	9.0	5.5	—	1.4	—	1.4	1.1	04 1	00 0	00 0
29	21.8	25.0	22.6	23.0	27.0	20.8	20.0	17.1	17.6	18.0	17.6	88	74	88	83	10.0	3.6	—	—	—	20.1	1.0	04 1	00 0	00 0
30	20.2	25.0	20.8	21.9	27.0	19.8	19.0	17.4	16.2	16.9	16.8	98	65	92	85	9.3	5.8	20.1	—	—	—	0.4	00 0	00 0	00 0
31	20.6	23.0	21.0	21.4	24.4	19.9	18.6	16.1	15.8	16.7	16.2	90	75	90	85	9.3	3.1	—	—	—	—	0.4	00 0	00 0	00 0
MED.	21.0	25.6	22.1	22.7	26.8	19.9	18.2	16.7	16.7	16.9	16.8	90	68	84	81	8.3	5.5	0.7	1.6	—	2.3	11.0	— —	— —	— —

Total 71.5 m.m.

ESTACION: SAN VICENTE

RESUMEN MENSUAL Y ANUAL

AÑO: 1,963

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS							Humedad Relativo					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
																											Días		
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Max. Med.	Max. Abs.	D.	Min. Abs.	D.	Min. Med. Sue.	7	14	20	Med.	Min. Abs.	Max. Abs.	Min Abs.	Med. Med.				7	14	20	Suma	Iluv.	Max.	D.
Enero						19.3	24.1	21.3	21.5	25.7	18.6	28.0	4	17.0	16 17.0	88	76	79	81	60	19.3	11.9	15.6	7.7	7.1	1.8	27.3	21.5	26.0	74.8	9	26.9	5
Febro						18.7	22.9	20.5	20.6	24.2	17.9	26.6	13	16.5	20 16.3	93	79	81	84	62	18.2	11.5	15.4	8.7	4.3	1.6	82.6	10.5	1.6	94.7	13	33.7	11
Marzo						20.4	24.1	22.1	22.2	25.8	19.3	28.5	5	18.2	29 18.4	89	72	80	80	50	19.6	11.0	15.9	8.8	4.3	1.5	45.6	124.6	19.6	189.8	21	83.9	31
Abril						19.8	23.7	21.1	21.4	25.1	18.8	27.4	26	17.5	7 17.9	90	74	85	83	56	19.2	11.5	15.9	9.1	3.8	1.5	187.8	44.8	91.0	323.9	22	63.3	20
Mayo						20.4	24.4	21.5	21.9	26.2	19.2	29.3	23	18.0	11 18.0	91	72	84	82	55	18.8	13.2	16.3	9.0	4.5	1.4	150.5	68.9	100.2	319.3	22	63.0	30
Junio						20.7	24.7	21.8	22.2	26.3	19.3	28.0	V	17.7	13 18.1	86	68	81	78	52	18.8	12.3	15.8	8.5	4.8	1.5	55.1	32.5	37.5	125.1	24	24.9	9
Julio						20.6	25.0	21.8	22.2	26.5	18.9	28.1	31	17.2	18 17.8	83	64	81	76	55	17.9	12.1	15.3	8.3	6.1	1.9	72.7	29.4	18.6	124.6	20	26.9	2
Agsto						20.5	25.3	22.1	22.5	27.3	19.0	29.5	30	17.0	V 17.7	96	69	79	78	50	19.5	12.4	16.0	8.1	6.3	1.7	108.2	13.2	56.8	174.3	21	34.9	23
Spbre						20.5	24.8	21.8	22.2	27.1	19.0	29.4	3	18.0	V 17.8	87	73	83	81	56	19.6	13.4	16.3	8.6	5.4	1.0	54.2	28.8	12.9	96.3	23	31.0	12
Ocbre						19.8	24.4	21.2	21.6	25.7	18.6	28.0	V	17.0	3 17.6	91	74	87	84	60	19.6	13.6	16.4	9.0	4.6	1.0	171.4	24.3	33.6	228.9	23	61.7	2
Nvbre						19.7	24.2	20.8	21.4	25.5	18.6	28.2	5	17.0	V 17.7	91	73	86	83	60	17.9	13.4	16.0	8.2	4.8	1.2	114.6	73.0	8.0	195.6	24	31.9	12
Dcbre						21.0	25.6	22.1	22.7	26.8	19.9	28.5	27	19.0	V 18.2	90	68	85	81	54	18.7	12.2	16.8	8.3	5.5	1.0	20.8	50.6	0.1	71.5	9	47.6	18
MED. ANUAL						20.1	24.4	21.4	21.8	26.0	18.9	28.3	—	17.5	— 17.7	89	72	83	81	56	18.9	12.4	15.9	8.5	5.0	1.4	90.9	43.5	33.8	168.2	231	44.1	—

Precipitación total : 2018.8

Precipitación máxima : 83.9 - 31 - III

Días lluviosos : 231

ESTACION: SAN VICENTE FRECUENCIA DE PRECIPITACION Y TEMPERATURAS AÑO: 1.963

MESES	PRECIPITACION																						TEMPERATURAS			
	7 horas más de					14 horas más de					20 horas más de					Total más de							Min. abajo de 18ºC	Min. arriba de 20ºC	Max. abajo de 24ºC	Max. arriba de 28ºC
	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	200	50.0				
Enero	5	3	1	—	—	5	2	1	—	—	2	1	1	1	—	9	6	5	4	3	1	—	12	1	3	1
Febro	8	6	3	2	—	8	3	—	—	—	3	1	—	—	—	13	10	5	5	3	2	—	21	—	16	—
Marzo	9	4	1	1	—	14	4	2	2	1	8	5	—	—	—	21	10	7	6	4	3	1	—	8	6	2
Abril	15	14	5	3	1	10	6	2	—	—	12	4	3	2	1	22	18	15	11	8	5	2	7	5	7	—
Mayo	20	12	5	2	—	10	5	2	1	—	13	9	2	1	1	22	19	18	13	8	5	1	1	5	3	2
Junio	13	9	2	1	—	12	6	2	—	—	15	9	1	—	—	24	17	12	7	5	1	—	3	7	1	3
Julio	13	6	3	2	—	6	4	1	—	—	11	4	—	—	—	20	11	10	7	4	2	—	7	5	—	1
Agsto	11	7	4	2	—	9	6	—	—	—	10	7	2	1	—	21	16	12	7	6	3	—	8	8	—	9
Spbre	19	10	2	—	—	6	2	2	—	—	11	4	—	—	—	23	11	9	4	3	1	—	2	1	—	8
Ocbre	20	14	2	2	2	12	5	—	—	—	10	4	1	—	—	23	18	16	12	4	2	2	8	—	3	2
Nvbre	15	12	4	1	—	11	7	3	2	—	9	3	—	—	—	24	18	13	12	6	3	—	8	1	7	1
Dcbre	4	1	1	1	—	5	2	1	1	—	1	—	—	—	—	9	3	2	2	2	2	—	—	17	2	8
SUMA ANUAL	152	98	33	17	3	108	52	16	6	1	105	51	10	5	2	231	157	124	90	56	30	6	77	58	48	37

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	3	2	—	—	1	2	1	1	2	2	1	1	1	3	1	1	2	1	—	1	1	1	—	—	8
Febro	3	3	3	4	3	4	4	4	3	1	—	—	2	2	2	1	—	—	—	1	1	2	2	1	14
Marzo	2	3	4	2	2	2	1	4	5	3	1	3	4	7	6	2	—	—	—	1	—	1	2	2	20
Abril	8	8	5	6	4	5	6	6	4	4	2	1	1	3	3	2	2	2	6	6	8	7	7	8	26
Mayo	5	6	7	7	6	9	6	2	1	—	2	2	6	2	8	4	6	4	4	4	7	9	8	10	27
Junio	6	3	5	5	3	2	1	4	1	2	1	4	3	6	9	8	7	5	2	—	2	5	3	4	25
Julio	5	4	2	2	2	2	2	—	1	4	4	2	3	3	5	4	1	1	3	4	6	3	4	4	23
Agsto	3	3	4	5	5	5	4	3	3	2	1	—	1	6	7	5	2	3	2	3	2	4	5	2	21
Spbre	5	5	5	6	5	2	1	—	1	—	3	—	1	3	5	1	5	1	1	3	5	6	5	8	25
Ocbre	6	5	9	10	9	6	4	5	5	3	2	—	2	2	5	3	2	2	3	4	5	5	5	8	23
Nvbre	5	4	6	8	7	9	6	5	3	2	1	4	5	2	4	1	2	3	1	3	3	3	4	3	23
Dcbre	1	1	2	1	3	1	—	1	1	3	2	1	1	3	1	—	—	—	—	—	—	—	—	—	8
SUMA ANUAL	52	47	52	56	50	49	38	35	30	26	20	18	30	43	56	32	29	22	22	30	40	46	45	50	240

ESTACION: SAN VICENTE — FRECUENCIA DE NUBOSIDAD - BRILLO SOLAR Y VIENTOS — AÑO 1.963

MESES	NUBOSIDAD en décimos Bajo 3.0	Más 8.0	BRILLO SOLAR Bajo 0.9	Mas 9.0	NUMERO DE DIAS CON: VIENTOS 7 horas N	NE	E	SE	S	SW	W	NW	C	14 horas N	NE	E	SE	S	SW	W	NW	C	20 horas N	NE	E	SE	S	SW	W	NW	C
Enero	—	12	—	9	—	1	4	3	—	—	—	—	23	2	5	5	7	—	3	—	—	9	—	—	6	3	—	—	—	—	22
Febro	—	22	5	—	—	2	6	2	—	—	—	—	18	1	5	4	6	—	2	—	—	10	1	2	6	3	—	—	—	—	15
Marzo	—	24	3	1	—	4	3	1	—	—	—	—	23	—	5	4	11	—	—	—	—	11	—	4	1	1	—	—	—	—	25
Abril	—	26	4	—	—	4	2	2	—	—	—	—	22	1	5	3	6	1	—	—	—	14	—	2	10	1	—	—	—	—	17
Mayo	—	28	2	—	—	1	—	3	—	—	—	—	27	1	4	3	4	—	—	—	—	19	—	2	6	2	—	—	—	—	21
Junio	—	22	1	1	1	1	1	2	—	—	—	—	25	1	5	2	4	—	—	—	—	18	—	2	4	5	—	—	—	—	13
Julio	—	20	—	1	—	—	7	1	—	—	—	—	23	—	6	8	5	—	1	—	—	11	—	1	5	6	—	—	—	—	19
Agsto	—	21	—	5	—	—	5	2	—	—	—	—	24	2	6	4	6	—	—	—	—	13	—	—	8	5	—	—	—	—	18
Spbre	—	26	1	2	—	3	5	6	—	1	—	—	15	1	9	4	3	1	1	—	1	10	—	1	13	6	—	1	—	—	9
Ocbre	—	28	2	1	1	—	15	1	—	—	—	—	14	—	11	5	—	—	—	—	—	15	—	—	14	—	—	—	—	—	17
Nvbre	—	19	—	—	—	2	4	—	—	—	—	—	24	—	3	7	4	—	—	—	—	16	—	—	6	—	—	—	—	—	24
Dcbre	—	24	2	—	—	—	4	—	—	—	—	—	27	—	6	8	—	1	2	—	—	14	—	—	8	—	—	—	—	—	23
SUMA ANUAL	—	272	24	20	2	18	56	23	—	1	—	—	265	9	70	57	56	3	9	—	1	160	1	14	87	32	1	1	—	—	229

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol 6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	Frecuencia sin sol 6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	—	15	13	10	11	7	7	15	16	17	—	31	7	4	2	1	2	2	2	4	2	3	6
Febro	—	—	4	1	1	4	4	6	5	3	10	—	25	15	12	14	9	7	7	5	6	4	8	12
Marzo	—	—	6	4	6	4	2	4	5	7	5	—	31	14	9	8	5	5	8	12	7	10	8	23
Abril	—	—	4	5	5	5	5	3	5	3	3	—	30	14	10	10	11	11	10	10	9	8	10	19
Mayo	—	—	7	6	7	5	1	3	2	4	6	—	29	12	9	9	10	5	4	9	7	10	12	16
Junio	—	—	13	14	8	7	7	4	3	3	3	—	30	14	10	7	6	4	5	7	9	12	12	19
Julio	—	2	13	17	13	10	8	3	4	6	6	—	30	8	5	7	2	3	3	3	1	8	9	19
Agsto	—	—	16	18	18	11	10	4	5	8	8	—	31	9	5	5	3	2	2	2	4	6	10	19
Spbre	—	—	10	11	11	4	3	7	6	4	1	—	30	11	5	5	2	2	3	2	3	7	9	19
Ocbre	—	—	10	10	8	2	5	5	3	5	5	—	31	13	13	12	10	7	9	8	6	6	7	17
Nvbre	—	—	7	4	4	1	3	4	5	7	5	—	30	10	10	7	8	9	10	7	6	6	7	11
Dcbre	—	—	4	7	6	5	2	4	3	5	11	—	31	8	2	6	5	4	5	4	3	4	5	7
SUMA ANUAL	—	2	109	110	97	69	57	54	61	71	80	—	360	136	94	92	72	61	68	71	65	83	100	187

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: SAN VICENTE — DE LA PRECIPITACION — AÑO: 1.963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h. min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	74.8	9	10	6	16	47.4	27.4	8:30'	7:20'	15:50'	25.7	2:45'	0.15	2.5	0.5	2:45'	25.7	0.15	2.5	0.5
Febro	96.7	13	14	15	29	15.0	79.7	10:20'	16:45'	27:05'	32.3	1:40'	0.32	7.7	1.5	3:50'	23.6	0.10	7.5	1.5
Marzo	139.8	21	21	11	32	144.2	45.6	20:35'	13:05'	33:40'	83.9	6:10'	0.27	8.0	1.6	6:10'	83.9	0.27	8.0	1.6
Abril	323.9	22	20	29	49	157.9	166.0	37:45'	43:40'	81:25'	74.4	11:35'	0.10	7.0	1.4	11:35'	74.4	0.10	7.0	1.4
Mayo	313.3	22	23	20	43	176.0	143.3	31:05'	51:10'	82:15'	42.1	1:30'	0.46	10.0	2.0	5:50'	6.3	0.01	0.8	0.1
Junio	125.1	24	25	25	50	69.8	55.3	28:20'	24:20'	52:40'	23.4	2:40'	0.14	3.0	0.6	3:40'	13.2	0.06	2.0	0.4
Julio	126.6	20	22	19	41	50.8	73.8	22:10'	22:00'	44:10'	25.9	4:05'	0.10	4.0	0.8	4:05'	25.9	0.10	4.0	0.8
Agsto	174.3	21	20	15	35	69.2	105.1	17:05'	25:40'	42:45'	23.5	4:15'	0.09	3.0	0.6	4:25'	18.4	0.06	2.0	0.4
Spbre	96.3	23	18	29	47	41.9	54.4	13:05'	13:25'	44:30'	18.9	1:25'	0.22	5.0	1.0	3:55'	3.3	0.01	0.3	0.1
Ocbre	228.9	23	26	32	58	61.7	51.5	21:30'	49:00'	70:30'	61.7	5:15'	0.19	7.5	1.5	5:55'	58.2	0.16	10.0	2.0
Nvbre	195.6	24	18	21	39	39.5	156.1	13:55'	53:20'	67:15'	23.5	4:00'	0.09	5.0	1.0	9:10'	23.5	0.09	1.0	0.2
Dcbre	71.5	9	8	6	14	50.7	20.8	6:05'	4:55'	11:00'	45.9	3:15'	0.23	6.0	1.2	3:15'	45.9	0.23	6.0	1.2
TOTALES	2018.8	231	225	228	453	926.1	979.0	230:25'	342:40'	573:05'	481.2	48:35'	XX	XX	XX	64:35'	402.3	XX	XX	XX

ESTACION Yolombó MES Enero AÑO 19 63 φ = 6° 36' N λ = 75° 03' W.GR - ALTURA 1.540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.8	23.5	18.0	19.3	24.5	16.6	15.5	14.4	15.3	14.6	14.8	94	70	94	86	7.0	3.3	—	—	0.9	4.3	0.4	00 0	08 1	08 1
2	17.6	22.2	18.0	19.9	24.0	16.6	15.7	14.8	15.7	14.9	15.1	98	78	96	91	7.7	2.8	3.4	—	—	—	0.4	00 0	08 1	00 0
3	17.2	24.4	18.6	18.7	26.0	15.8	15.3	14.4	15.0	15.5	15.0	98	65	96	86	9.3	7.1	—	—	—	—	0.4	00 0	00 0	16 1
4	18.0	23.6	18.6	19.7	25.5	17.2	16.1	14.1	17.1	15.5	15.6	92	78	96	89	6.7	5.7	—	0.2	—	0.2	0.6	16 1	08 2	16 1
5	18.0	22.2	18.6	19.4	22.5	17.3	15.9	14.6	15.1	15.8	15.2	94	75	98	89	9.0	0.6	—	—	—	5.8	0.6	00 0	08 1	16 2
6	17.2	25.2	18.4	19.8	26.0	15.7	15.3	14.4	16.9	15.6	15.6	98	70	98	89	7.0	5.7	5.8	—	—	—	1.0	00 0	00 0	16 2
7	17.8	24.6	18.6	19.9	26.5	16.8	16.0	15.0	15.0	15.8	15.3	98	65	98	87	6.3	5.9	—	—	—	1.6	1.0	08 1	00 0	16 2
8	17.9	24.0	17.4	19.2	25.5	17.3	16.0	14.7	14.3	13.7	14.2	96	64	93	84	7.0	5.8	1.6	—	—	—	0.8	00 0	16 2	16 2
9	18.2	22.8	18.4	19.4	24.2	17.0	16.0	15.1	16.2	15.1	15.5	96	78	95	90	7.0	3.0	—	—	—	—	0.6	00 0	00 0	08 1
10	17.2	22.4	18.4	19.1	25.0	16.8	16.0	13.5	14.8	15.3	14.5	92	72	96	87	6.0	4.8	—	—	—	—	0.4	00 0	00 0	16 2
11	18.0	24.8	19.2	20.3	24.9	17.3	16.0	13.0	14.0	15.6	14.2	84	60	94	79	6.3	5.5	—	—	—	—	1.0	00 0	16 1	16 1
12	18.0	23.0	17.8	19.2	25.0	17.2	16.3	12.9	14.8	14.4	14.0	83	70	94	82	5.3	5.4	—	—	—	—	1.8	00 0	08 1	16 3
13	17.0	25.6	19.2	20.2	26.3	16.8	15.3	12.7	14.7	15.4	14.3	88	60	93	80	6.0	7.0	—	—	—	—	1.0	16 1	08 2	16 3
14	18.3	23.0	18.0	19.3	26.0	16.0	15.1	11.9	13.2	14.7	13.3	76	63	95	78	6.3	6.8	—	—	—	—	1.2	16 2	00 0	16 3
15	16.2	24.6	17.2	18.8	25.0	16.0	15.0	11.0	13.6	13.7	12.8	80	58	93	77	5.7	6.9	—	—	—	—	1.0	16 1	00 0	16 1
16	15.8	22.4	17.0	18.0	24.2	15.7	15.0	11.4	12.1	13.1	12.2	85	60	90	78	5.0	6.7	—	—	—	—	1.0	08 1	08 1	16 3
17	16.3	23.8	16.6	18.3	25.0	15.8	14.5	12.6	11.6	13.0	12.4	91	52	92	78	4.3	5.8	—	—	—	—	0.8	16 1	00 0	16 1
18	16.0	23.8	16.8	18.4	25.5	15.7	15.0	10.2	12.8	12.9	12.0	75	58	90	74	5.3	5.5	—	—	—	—	0.8	16 2	08 1	16 3
19	15.4	22.2	17.4	18.1	23.5	15.0	14.0	11.1	10.9	13.3	11.8	85	54	90	76	5.3	5.0	—	—	—	—	1.0	16 1	08 1	00 0
20	16.8	26.4	18.2	19.9	27.5	15.8	14.5	11.3	11.7	14.9	12.6	78	45	95	73	5.0	8.7	—	—	—	—	1.2	00 0	00 0	16 1
21	17.2	24.6	18.0	19.4	26.0	16.0	15.1	10.6	12.1	14.5	12.4	72	52	92	72	6.0	8.6	—	—	—	—	1.4	08 2	00 0	00 0
22	17.0	25.2	18.6	19.8	26.0	15.3	15.0	12.0	12.5	15.0	13.2	82	52	97	77	4.0	7.2	—	—	—	—	1.4	16 1	08 2	16 1
23	18.1	26.2	19.9	21.0	28.0	17.7	16.0	14.1	10.2	16.2	13.5	92	40	94	75	5.7	9.5	—	—	—	—	1.0	08 1	08 1	00 0
24	18.5	23.8	18.0	19.6	24.0	17.7	17.0	13.1	13.3	14.6	13.7	82	60	94	79	7.0	6.0	—	—	—	—	0.8	00 0	00 0	00 0
25	16.8	23.8	17.6	18.9	25.5	16.0	15.0	12.5	12.2	13.6	12.8	88	55	91	78	5.3	8.9	—	—	—	—	1.2	16 3	00 0	16 2
26	16.8	26.2	18.8	20.2	27.0	16.0	15.1	11.3	11.4	14.9	12.5	78	44	93	72	5.3	8.2	—	—	—	—	1.6	16 1	08 2	00 0
27	17.0	24.0	18.2	19.4	24.5	16.8	16.0	11.3	13.8	14.8	13.3	78	62	94	78	6.3	1.6	—	—	—	1.7	0.8	00 0	00 0	00 0
28	17.3	23.6	17.8	19.1	24.0	16.3	15.5	12.5	14.0	14.7	13.7	85	64	96	82	8.0	1.2	1.7	—	3.8	3.8	0.8	16 1	08 1	16 2
29	17.2	23.2	18.6	19.4	24.2	16.5	15.8	12.5	12.4	14.7	13.2	85	58	92	78	8.3	6.4	—	—	—	—	1.0	16 2	16 2	16 2
30	16.8	25.6	18.2	19.7	27.5	16.3	15.3	10.8	11.8	14.0	12.2	75	48	90	71	5.0	9.6	—	—	—	—	1.4	08 1	16 1	16 2
31	17.4	25.0	18.6	19.9	26.5	16.5	16.0	10.6	10.8	14.4	11.9	70	46	90	69	6.3	7.8	—	—	—	—	1.4	08 1	00 0	00 0
MED.	17.2	24.0	18.2	19.4	25.4	16.5	15.5	12.7	13.5	14.6	13.6	86	60	94	80	6.3	5.9	0.4	—	0.2	0.6	0.9	— —	——	— —

Total 17.4 m.m.

ESTACION Yolombó MES Febrero AÑO 1963 φ = 6° 35' N λ = 75° 03' W.GR - ALTURA 1.540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.2	23.2	16.2	18.4	24.5	16.5	14.9	14.0	15.0	12.9	14.0	90	70	93	84	9.0	3.0	—	—	0.3	0.6	0.8	00 0	08 1	16 3
2	16.0	21.0	16.8	17.6	24.5	15.0	14.5	12.3	12.1	13.5	12.6	90	65	94	83	8.7	3.9	0.3	—	—	1.8	1.0	00 0	08 1	16 2
3	16.4	22.2	17.4	18.3	23.5	16.5	15.0	12.6	14.1	14.8	13.8	90	70	98	86	9.7	3.4	1.8	—	0.4	0.4	0.6	16 1	16 1	16 2
4	16.6	17.8	17.2	17.2	21.5	15.5	14.0	12.9	14.4	14.8	14.0	91	94	100	95	9.7	1.1	—	0.6	0.3	0.9	0.6	08 1	16 2	16 2
5	16.2	20.8	17.2	17.6	24.5	15.5	13.0	12.4	14.1	14.1	13.5	90	78	96	88	9.0	3.1	—	0.1	0.3	0.4	0.8	00 0	16 1	16 1
6	16.4	23.8	17.2	18.6	24.2	15.5	12.5	13.4	15.1	13.5	14.0	96	68	92	85	7.0	2.5	—	0.1	—	0.1	0.6	00 0	00 0	16 2
7	17.0	22.4	19.0	19.3	25.0	16.0	14.0	12.7	13.9	15.5	14.0	88	68	94	83	9.0	3.8	—	—	—	—	0.6	00 0	00 0	00 0
8	17.6	20.4	18.5	18.8	24.0	16.5	14.5	13.5	15.4	15.3	14.7	90	86	95	90	8.7	4.7	—	4.3	0.2	4.5	0.6	00 0	16 2	00 0
9	17.8	20.8	19.0	19.1	23.5	17.0	15.5	14.2	15.2	15.5	15.0	93	83	94	90	8.7	1.9	—	1.1	—	1.5	0.5	00 0	16 3	00 0
10	17.4	24.8	16.6	18.8	26.0	16.5	15.0	12.6	16.1	12.5	13.7	85	68	88	80	9.0	4.3	0.4	0.4	4.7	9.7	0.6	00 0	16 6	08 2
11	17.8	22.8	17.6	18.9	24.5	15.0	13.0	14.2	14.7	14.2	14.4	93	70	94	86	5.3	6.9	4.6	—	—	—	0.7	00 0	00 0	00 0
12	16.8	21.6	17.0	18.1	25.5	16.5	15.4	12.3	14.9	13.4	13.5	86	77	92	85	7.0	5.3	—	0.1	8.2	8.3	1.0	00 0	161	16 2
13	16.2	25.0	19.6	20.1	26.5	15.5	14.8	11.5	13.8	13.8	13.0	94	58	86	76	4.7	9.6	—	—	—	—	1.2	16 1	08 1	00 0
14	15.8	25.0	17.2	18.8	25.8	15.0	14.2	12.1	14.2	11.2	12.5	90	60	76	76	4.7	6.5	—	—	—	—	1.2	16 3	16 2	16 1
15	16.6	26.0	18.8	20.0	27.0	17.0	15.5	12.0	10.0	13.4	11.8	85	40	83	69	5.0	8.9	—	—	—	—	1.4	00 0	16 1	16 2
16	17.8	22.0	18.8	19.3	23.0	17.0	16.0	13.0	13.8	15.4	14.1	85	70	94	83	5.3	1.2	—	—	—	—	1.0	16 1	00 0	16 1
17	18.8	24.4	20.0	20.8	26.0	17.0	15.0	13.1	13.7	15.8	14.2	80	60	90	77	7.3	3.0	—	—	—	—	0.8	00 0	00 0	16 1
18	18.0	25.0	20.0	20.7	26.0	17.0	16.0	14.1	14.2	16.6	15.0	92	60	95	82	6.7	4.9	—	—	—	3.9	0.8	16 1	00 0	00 0
19	17.8	19.0	16.0	17.2	21.5	17.0	16.0	14.4	15.9	12.7	14.3	93	96	93	94	10.0	0.9	3.9	4.0	44.8	62.2	0.6	08 2	16 1	08 1
20	16.4	26.6	18.2	19.3	25.2	15.0	13.5	11.1	12.6	14.9	12.9	80	54	95	76	9.0	5.8	13.4	—	—	3.9	0.5	08 2	08 1	16 2
21	16.8	22.8	17.0	18.4	24.0	16.3	15.0	13.6	13.8	13.7	13.7	95	66	94	85	7.0	5.1	3.9	0.9	0.1	1.1	0.2	08 1	00 0	16 3
22	16.6	21.8	18.2	18.7	24.0	16.1	13.5	12.8	14.7	14.9	14.1	90	75	95	87	6.7	1.0	0.1	—	0.7	0.7	11.0	00 0	00 0	16 2
23	16.8	19.7	18.0	18.1	23.0	16.1	14.1	13.1	14.0	13.8	13.6	91	81	90	87	7.0	3.5	—	0.2	0.1	0.3	0.1	16 1	00 0	16 2
24	18.0	22.2	18.0	19.0	24.0	16.5	13.0	14.0	14.1	14.1	14.1	91	70	92	84	6.7	3.7	—	—	—	0.4	0.8	00 0	16 2	16 3
25	17.6	23.0	18.2	19.2	25.0	16.5	13.0	12.7	14.8	15.1	14.2	84	70	96	83	5.7	5.9	0.4	—	—	—	0.8	00 0	00 0	16 1
26	17.0	26.2	18.0	19.8	27.0	16.0	15.0	13.2	14.0	14.7	14.0	90	58	95	81	6.0	6.8	—	—	—	—	1.2	00 0	00 0	16 3
27	16.8	23.6	18.0	19.1	26.0	16.0	14.5	12.9	16.2	13.8	14.3	90	74	90	85	6.0	7.3	—	—	—	—	1.2	16 2	16 1	00 0
28	17.4	26.0	19.0	20.3	27.0	16.5	15.0	13.3	12.7	15.2	13.7	90	50	93	78	3.7	10.0	—	—	—	—	1.4	00 0	08 1	16 3
29																									
30																									
31																									
MED.	17.1	22.8	17.9	18.9	24.7	16.2	14.5	13.0	14.2	14.2	13.8	89	69	92	83	72	4.7	1.0	0.4	2.1	3.6	0.8	— —	— —	— —

Total 100.7 m.m.

ESTACION Yolombó MES Marzo AÑO 1963 φ = 6° 35' N λ = 75° 03' W.GR - ALTURA 1.540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.2	25.2	19.0	20.3	26.0	17.5	15.5	14.0	14.4	15.7	14.7	90	90	95	82	5.3	9.0	—	—	—	—	0.8	00 0	00 0	00 0
2	18.0	25.0	19.6	20.8	25.6	17.0	16.0	14.5	13.9	16.8	15.1	93	55	98	82	7.0	7.1	—	—	—	—	0.8	16 1	16 2	16 1
3	18.2	25.8	19.4	20.7	26.3	17.0	15.5	14.5	10.0	16.0	13.7	93	40	98	77	4.0	9.1	—	—	—	16.4	1.4	08 0	16 1	00 0
4	17.6	25.2	19.8	20.6	26.5	16.5	15.1	13.2	12.8	16.0	14.0	88	53	93	78	4.7	7.8	16.4	—	—	—	1.2	00 0	08 2	16 1
5	18.2	25.0	19.2	20.8	26.0	16.0	14.5	14.2	13.4	15.9	14.5	91	56	95	81	6.7	9.2	—	—	—	—	1.4	08 1	00 0	16 3
6	17.4	23.4	18.4	19.8	25.0	16.5	14.8	14.8	15.7	14.2	14.8	98	72	90	87	7.0	2.1	—	—	—	0.7	0.6	08 1	00 0	00 0
7	17.0	23.6	19.2	19.7	25.5	16.5	14.0	14.0	12.2	15.9	14.0	96	55	95	82	9.0	3.0	0.7	1.3	—	1.3	0.6	00 0	00 0	16 3
8	18.0	25.0	19.8	20.3	27.0	17.0	15.5	13.8	13.9	15.3	14.3	90	55	95	80	8.7	6.3	—	—	0.5	0.5	1.0	16 1	16 1	16 3
9	17.2	23.8	17.6	19.0	26.0	17.0	15.5	13.5	14.6	13.5	13.9	92	65	90	82	9.3	1.1	—	—	2.1	13.2	0.6	08 1	08 1	08 2
10	16.0	21.2	18.4	18.8	24.5	15.8	14.8	13.3	15.6	15.3	14.7	94	83	96	91	8.7	0.5	11.1	—	—	—	0.6	16 2	00 0	16 2
11	17.2	24.0	19.2	19.9	25.5	17.0	15.8	12.3	14.1	15.9	14.1	84	64	95	81	6.7	4.2	—	—	—	3.8	1.0	00 0	08 2	00 0
12	17.4	24.6	18.6	19.8	25.5	15.5	14.5	12.2	15.2	14.8	14.1	82	66	93	80	9.3	0.6	3.8	—	0.7	1.9	0.6	00 0	16 3	16 2
13	15.4	22.8	19.0	18.5	24.3	15.0	13.5	12.6	15.5	14.9	14.3	96	75	96	89	7.0	0.2	1.2	—	—	0.2	0.6	00 0	16 1	16 2
14	17.8	25.6	18.8	20.3	26.8	16.7	15.0	14.2	12.9	15.5	14.2	93	52	95	80	8.7	0.4	0.2	—	11.0	12.1	1.4	00 0	00 0	00 0
15	17.4	23.4	19.2	19.8	25.5	17.0	15.5	13.7	15.2	15.9	14.9	92	70	95	86	9.3	7.5	1.1	—	—	1.8	1.0	00 0	16 2	16 1
16	17.8	22.8	18.8	19.5	23.5	17.5	17.0	14.6	15.5	14.9	15.0	95	75	92	87	9.3	0.8	1.8	—	0.1	0.1	0.4	16 2	16 1	16 1
17	17.8	25.0	19.2	20.5	27.5	17.5	15.0	15.0	15.7	15.0	15.2	98	63	90	84	9.0	7.0	—	—	—	6.0	0.18	00 0	08 1	16 1
18	17.8	24.6	19.2	20.2	26.0	15.5	14.8	13.2	15.5	16.4	15.0	87	67	98	84	7.3	6.3	6.0	—	—	2.8	0.8	16 1	08 1	16 1
19	17.4	24.1	19.5	20.1	26.0	15.7	15.5	12.4	14.0	16.4	14.3	83	62	98	80	9.3	3.1	2.8	2.2	—	2.2	0.8	06 2	00 0	00 0
20	18.8	26.2	19.6	21.0	27.8	17.0	16.0	14.0	15.5	16.8	15.4	86	60	98	81	5.7	9.5	—	—	—	10.8	0.8	00 0	08 1	16 3
21	17.8	24.6	20.0	20.8	25.5	17.0	15.0	15.0	14.8	17.2	15.7	98	84	98	87	7.0	6.8	10.8	—	—	—	0.6	16 2	08 2	16 3
22	19.2	26.0	18.8	21.7	27.0	18.0	15.0	15.1	14.9	15.5	15.2	91	60	95	82	8.3	5.1	—	—	—	—	1.0	00 0	16 1	16 3
23	17.6	24.2	18.6	19.7	26.0	17.0	16.0	14.8	15.8	16.1	15.5	98	68	100	89	9.3	1.9	—	—	—	6.3	0.6	08 1	02 1	16 2
24	17.4	22.8	18.2	19.1	23.8	17.0	15.5	14.8	15.5	14.3	14.8	98	75	92	88	9.3	—	6.3	—	1.1	3.6	0.4	10 1	16 1	08 2
25	16.6	22.6	16.0	17.8	23.0	16.5	14.5	13.6	15.1	12.7	13.8	96	73	93	87	9.0	1.2	2.5	0.7	10.4	12.5	0.4	16 1	00 0	16 2
26	16.0	23.3	17.0	18.3	24.0	15.0	14.1	13.1	15.6	13.5	14.1	96	73	93	87	9.3	5.2	1.4	—	44.1	4.1	0.6	00 0	02 2	16 2
27	17.3	22.4	19.0	19.4	24.0	15.0	14.1	12.5	15.4	15.7	14.5	85	76	95	85	8.7	3.4	—	—	—	—	0.4	16 1	00 0	16 2
28	18.2	23.8	18.8	19.9	26.0	17.5	17.0	14.0	15.1	16.1	15.1	90	68	98	85	8.3	5.7	—	—	—	7.3	0.8	16 1	08 1	16 3
29	15.8	23.0	18.8	19.1	25.5	14.5	13.8	12.5	11.9	16.0	13.5	93	57	98	83	8.7	5.1	7.3	0.1	10.7	14.2	0.6	10 1	08 1	16 2
30	17.4	23.4	18.4	19.4	25.0	16.5	15.0	14.0	15.8	15.6	15.1	94	73	98	88	9.3	5.4	3.4	—	—	—	0.8	00 0	08 1	16 1
31	16.8	19.4	17.6	17.8	21.0	16.5	14.0	14.1	14.7	14.8	14.5	98	88	98	95	10.0	1.2	—	0.2	—	0.6	0.4	10 1	16 2	08 1
MED.	17.5	24.0	18.7	19.7	25.4	16.5	15.1	13.8	14.5	15.4	14.6	92	65	95	84	8.0	4.4	2.5	0.1	1.3	3.9	0.7	—	—	—

Total 122.4 m.m.

ESTACION Yolosaba MES Abril AÑO 1963 φ = 6° 36' N λ = 75° 03' W.GR - ALTURA 1.540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.0	20.4	17.2	17.9	20.5	16.0	14.8	13.8	14.6	14.8	14.4	95	81	100	92	10.0	—	0.4	—	6.3	6.3	0.4	08 1	00 0	16 1
2	17.0	22.6	17.8	18.8	23.5	16.5	15.5	14.2	15.4	15.0	14.9	98	74	98	90	9.7	1.2	—	—	—	0.6	0.2	08 1	16 1	16 2
3	16.6	22.0	17.6	18.5	23.5	16.0	15.0	13.9	15.5	15.0	14.8	98	78	98	91	9.0	0.7	0.6	1.9	1.2	47.0	0.2	08 1	08 1	16 2
4	16.8	23.6	16.8	18.5	25.0	15.0	13.5	13.5	14.9	12.9	13.8	94	58	90	84	8.3	3.7	43.9	—	5.9	29.7	1.0	16 1	16 2	08 2
5	15.6	21.8	17.4	18.0	23.0	15.5	15.0	13.3	14.1	14.2	13.9	100	72	96	89	9.0	2.7	23.8	19.9	3.1	23.0	0.4	16 1	00 0	16 2
6	17.0	18.0	17.4	17.4	25.0	16.5	13.5	14.2	14.7	13.6	14.2	98	95	91	95	10.0	3.5	—	23.4	1.2	25.8	0.4	00 0	16 3	16 1
7	16.5	18.4	17.2	17.4	20.8	16.4	15.0	13.6	13.9	13.4	13.6	97	88	91	92	10.0	1.2	1.2	1.1	—	1.3	0.0	08 1	00 0	08 1
8	16.4	21.8	16.0	17.6	22.0	15.5	14.0	13.7	14.8	13.4	14.0	98	76	98	91	9.3	3.5	0.2	—	13.9	13.9	0.6	00 0	16 1	16 2
9	16.8	21.2	15.0	17.0	23.0	15.5	14.0	13.5	15.1	12.8	13.8	94	80	100	91	9.7	3.2	—	0.1	37.2	45.1	0.8	00 0	16 1	08 2
10	15.6	23.4	17.6	18.8	24.5	14.5	13.5	13.3	15.8	14.5	14.5	94	73	96	96	9.3	5.4	7.8	—	5.6	5.9	0.6	16 1	08 2	16 1
11	15.6	18.2	17.8	17.6	21.3	16.0	14.5	13.6	14.5	15.0	14.4	96	93	98	96	8.3	1.3	0.3	0.2	4.3	6.5	1.0	16 1	16 1	00 0
12	17.4	21.4	16.0	18.7	23.2	15.7	13.0	13.7	14.9	15.3	14.6	92	78	99	90	8.0	2.7	0.2	1.5	3.4	4.9	2.1	00 0	00 0	00 0
13	17.0	23.6	18.6	19.4	25.0	15.5	13.0	14.2	14.9	15.8	15.0	98	68	96	88	5.7	6.2	—	—	—	1.8	0.6	08 1	08 1	16 1
14	17.4	23.0	18.8	19.5	25.0	17.0	14.0	14.6	14.8	16.0	15.1	98	70	90	89	9.3	3.1	1.8	0.2	—	0.2	0.4	08 1	08 2	16 1
15	16.0	24.6	18.2	19.8	26.5	17.0	15.5	15.2	14.7	15.1	15.0	98	63	96	96	7.0	5.4	—	—	8.6	8.6	0.6	08 1	08 1	16 2
16	17.6	25.8	19.2	20.4	26.5	16.5	14.0	15.4	15.9	16.1	15.5	96	65	96	86	7.3	4.9	—	—	—	0.1	0.8	08 1	08 2	16 2
17	18.2	25.4	19.4	20.6	27.0	17.0	15.5	15.4	16.0	16.6	16.0	96	66	98	87	9.3	4.9	0.1	—	—	31.4	0.6	00 0	08 2	16 2
18	17.0	21.4	19.0	19.1	22.5	15.0	14.5	13.5	15.3	16.2	15.0	93	80	98	90	9.0	—	13.4	—	—	—	0.4	08 1	08 2	16 1
19	18.6	21.2	18.6	19.2	22.5	17.5	15.5	15.5	16.9	15.8	16.1	96	90	98	95	10.0	0.4	—	2.5	20.7	23.2	0.2	08 1	08 2	16 1
20	17.8	22.8	18.0	19.1	24.0	17.0	15.0	13.4	16.7	14.5	14.9	88	80	93	87	7.3	4.3	—	0.1	1.2	22.2	0.6	00 0	16 2	08 1
21	16.6	21.8	17.8	18.5	24.5	14.5	13.5	13.3	17.1	15.4	15.3	94	68	100	94	9.0	1.4	20.9	—	—	—	0.6	08 1	08 1	16 1
22	17.6	23.6	19.4	20.0	25.5	16.0	15.0	14.8	16.0	16.6	15.8	98	73	98	90	7.0	8.9	—	—	—	—	1.0	08 1	08 2	16 1
23	18.8	23.8	19.4	20.3	26.0	17.5	15.5	15.7	14.6	16.3	15.5	96	65	96	86	7.3	6.9	—	—	0.2	5.7	0.6	08 1	08 2	16 2
24	18.8	25.0	18.0	19.9	26.5	16.0	14.5	12.0	14.2	14.9	13.7	73	60	96	76	8.3	7.7	5.5	—	2.3	22.9	1.0	00 0	16 1	08 2
25	17.2	22.0	18.2	18.9	24.0	15.5	14.8	12.9	16.6	14.0	14.5	88	83	90	87	7.0	2.0	20.6	—	—	—	1.0	08 1	08 2	16 2
26	17.8	25.4	19.6	20.6	26.5	17.0	15.6	13.7	15.6	16.3	15.2	90	64	95	83	4.3	10.4	—	—	—	—	0.6	08 2	08 1	16 2
27	19.2	25.2	17.6	19.9	27.0	17.5	16.0	15.6	15.2	14.8	15.2	94	63	98	85	8.3	6.4	—	—	4.4	37.5	1.2	08 1	16 1	16 2
28	17.0	24.4	20.0	20.3	26.2	15.5	13.5	14.0	14.5	16.6	15.0	96	63	95	85	6.0	3.7	33.1	—	0.1	54.8	0.6	00 0	00 0	16 1
29	17.0	22.8	17.6	18.7	23.0	16.6	15.0	13.8	16.7	14.8	15.1	95	80	98	91	9.3	—	54.7	—	—	—	0.4	08 1	08 1	16 1
30	17.4	23.6	18.0	19.2	25.0	16.5	15.0	14.2	16.0	14.7	15.0	96	73	95	88	9.3	1.2	—	0.5	12.2	19.1	0.6	00 0	16 1	16 1
31																									
MED.	17.2	22.6	18.0	19.0	24.3	16.1	14.6	14.0	15.3	15.0	14.8	95	75	96	89	8.4	3.6	8.2	1.8	4.4	14.6	0.6	— -	— -	— -

Total 437.5 m.m.

ESTACION Yolombó MES dayo AÑO 1963 φ = 6° 36' N λ = 75° 03' W.GR - ALTURA 1.540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.2	22.8	18.4	19.2	24.5	16.0	14.5	13.9	15.5	16.0	15.1	94	75	100	90	7.0	6.8	6.4	—	2.4	10.7	0.8	16 1	08 1	16 1
2	17.6	23.9	18.2	19.5	25.0	16.5	15.0	14.8	15.6	15.2	15.2	98	70	97	88	9.0	3.4	8.3	—	—	—	0.6	00 0	16 2	16 2
3	18.0	22.0	17.8	18.9	23.5	16.0	14.8	13.8	15.4	15.0	14.7	90	80	98	89	5.3	3.8	—	1.6	—	1.6	0.6	16 1	00 0	08 2
4	18.0	25.4	18.4	20.0	26.5	16.0	15.0	10.0	12.3	15.6	12.6	100	50	98	83	4.3	9.8	—	—	—	—	1.2	08 1	16 1	16 1
5	17.8	21.2	18.6	19.0	25.5	17.5	15.5	15.0	14.7	15.9	15.2	98	78	99	92	9.3	2.5	—	—	—	—	0.2	08 1	08 1	16 2
6	18.4	20.2	18.0	18.8	22.5	16.5	14.5	15.3	14.3	15.3	15.0	96	80	99	92	7.0	0.3	—	—	—	—	0.4	08 1	08 2	16 1
7	17.0	24.0	17.6	19.0	25.5	16.5	16.0	14.6	14.1	14.5	14.4	100	63	96	86	9.0	3.3	—	—	2.0	2.0	0.6	16 1	08 2	08 1
8	16.8	21.6	18.0	18.8	23.0	16.5	15.5	14.4	14.8	15.2	14.8	100	76	98	91	7.3	1.1	—	—	—	2.0	0.4	08 1	16 2	16 1
9	17.6	20.6	17.8	18.3	25.0	16.5	16.0	14.5	14.7	14.8	14.7	96	81	98	92	10.0	0.8	2.0	1.3	3.8	34.8	0.6	00 0	08 2	16 1
10	16.6	21.6	17.6	18.3	23.0	15.5	15.0	13.6	17.2	15.2	15.3	96	90	100	95	10.0	1.6	29.7	0.4	32.7	33.6	0.4	08 1	16 1	16 1
11	16.6	23.2	18.0	18.9	24.5	15.0	14.5	13.9	16.3	15.2	15.1	98	76	98	91	9.3	4.4	0.5	—	0.2	2.4	0.4	08 1	08 1	16 2
12	17.6	24.0	17.8	19.3	25.5	16.5	16.0	14.5	15.4	15.0	15.0	96	68	98	87	8.3	8.0	2.2	—	2.3	2.3	0.6	16 1	08 1	16 1
13	18.0	24.4	19.8	20.5	26.0	17.0	15.0	15.2	15.2	17.0	15.8	98	66	98	87	8.7	6.4	—	—	—	60.8	1.2	08 1	08 1	16 1
14	16.0	22.8	18.4	18.9	23.5	15.5	15.0	13.7	16.7	15.3	15.2	100	80	96	92	9.7	2.6	60.8	—	—	—	0.0	16 2	16 2	08 1
15	18.6	23.4	18.4	19.7	24.5	17.0	15.0	13.8	15.8	14.2	14.6	96	73	90	83	6.3	9.2	—	—	—	3.6	0.4	08 1	08 2	16 1
16	17.6	22.2	19.0	19.4	24.5	16.5	14.5	14.2	14.3	15.9	14.8	94	71	96	87	9.0	4.8	3.6	0.4	—	5.9	0.4	16 1	08 1	16 2
17	17.8	21.6	18.8	19.2	24.0	16.5	16.0	13.8	15.7	14.7	14.7	91	81	91	88	6.7	2.4	5.5	—	—	0.7	0.4	08 1	16 1	08 2
18	17.0	25.0	19.4	20.2	26.0	16.0	15.0	13.2	16.7	16.6	15.5	91	70	97	86	8.7	8.4	0.7	—	—	17.6	0.4	08 2	08 1	16 1
19	17.2	23.2	18.4	19.3	24.5	16.0	15.0	14.8	16.6	15.3	15.6	100	78	96	91	9.0	3.1	17.6	11.5	—	11.5	0.2	08 4	00 0	16 1
20	17.8	23.8	18.0	19.4	25.5	17.5	16.0	14.7	15.1	14.6	14.8	96	71	94	87	8.3	6.5	—	—	—	6.3	0.2	08 1	08 1	16 2
21	17.6	22.0	18.4	19.1	23.5	16.5	16.0	14.2	16.1	15.0	15.1	94	81	94	90	9.0	6.2	6.3	—	—	—	0.4	08 4	08 1	16 2
22	19.0	25.8	19.8	21.1	26.0	17.0	15.0	15.9	16.3	17.3	16.5	96	66	100	87	4.7	8.9	—	—	—	—	0.4	00 0	02 2	16 2
23	19.2	24.8	20.2	21.1	25.5	17.5	15.5	14.2	17.2	14.9	15.4	86	73	85	81	6.0	8.8	—	—	—	0.2	0.4	08 2	00 0	08 1
24	19.4	23.8	19.2	20.4	25.5	18.0	15.5	13.7	17.7	16.0	15.8	81	80	96	86	6.7	2.7	0.2	—	—	—	0.4	08 1	08 2	00 0
25	18.6	23.2	18.2	19.5	25.5	17.0	15.5	13.3	16.6	14.1	14.7	83	80	89	84	6.7	2.2	—	—	—	1.6	0.4	08 2	08 2	16 1
26	16.3	23.2	18.6	19.2	24.5	16.0	15.5	13.5	17.4	15.8	15.6	98	81	98	92	7.0	6.5	1.6	—	—	—	0.4	16 3	08 1	16 1
27	17.8	24.2	19.2	20.1	25.0	17.0	16.0	15.0	17.8	16.4	16.4	98	78	93	91	9.0	5.4	—	—	—	4.8	0.4	08 1	08 1	16 2
28	17.8	23.4	19.6	20.1	25.0	16.0	15.0	14.2	17.3	16.0	15.8	93	80	94	89	9.0	6.3	4.8	—	—	—	0.4	08 1	08 1	08 1
29	19.0	24.2	19.6	20.6	25.5	17.5	15.5	15.6	16.5	16.8	16.3	95	73	98	89	8.3	8.4	—	—	—	1.4	0.4	08 1	02 1	08 2
30	17.6	24.2	19.2	20.0	26.5	17.5	16.0	14.8	17.0	15.4	15.7	98	75	93	89	7.3	7.1	1.4	0.4	—	2.4	0.4	08 1	08 1	16 2
31	17.2	24.2	20.0	20.3	26.0	17.0	15.0	13.9	15.9	16.9	15.6	94	70	96	87	8.0	6.8	2.0	4.8	—	8.0	0.4	08 2	00 0	08 1
MED.	17.7	23.2	18.6	19.5	24.9	16.6	15.3	14.2	15.9	15.5	15.2	95	75	96	88	7.9	5.2	5.0	0.6	1.4	6.9	0.4	— —	— —	— —
																		Total			214.2	m.m.			

Edit. Cenicafé 25

ESTACION Yolombó MES Junio AÑO 1963 φ = 6º 36' N λ = 75º 03' W.GR - ALTURA 1.540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18,2	22,8	19,0	19,7	24,0	16,5	15,5	14,6	16,2	15,9	15,6	94	78	96	89	8,7	3,8	3,2	0,1	—	0,1	0,4	08 2	00 0	08 1
2	18,6	23,8	18,8	20,0	25,0	17,5	15,5	14,7	17,9	16,0	16,2	92	81	98	90	8,7	5,7	—	—	—	6,8	0,4	00 0	08 1	16 1
3	17,8	24,0	18,8	19,8	25,5	17,0	15,5	13,8	17,5	16,0	15,8	91	78	98	89	8,7	6,1	6,8	0,2	—	1,3	0,4	08 1	08 1	00 0
4	17,6	23,6	19,4	20,0	25,0	16,5	14,5	14,8	16,0	16,3	15,7	98	73	96	89	9,0	4,0	1,1	—	—	—	0,2	08 1	00 0	16 2
5	18,2	21,8	20,0	20,0	23,0	17,5	15,5	15,4	15,3	16,9	15,9	98	78	96	91	9,0	1,5	—	—	—	19,8	0,4	08 1	16 1	08 1
6	19,8	23,4	19,4	20,2	25,0	16,5	13,5	14,3	16,8	14,4	15,2	88	78	86	84	6,3	10,2	19,8	—	—	—	0,4	02 1	00 0	00 0
7	17,8	24,2	20,6	20,8	25,0	17,5	15,3	12,4	12,6	14,2	13,1	82	55	78	72	3,3	10,3	—	—	—	—	0,2	08 2	08 3	08 3
8	18,8	25,4	19,8	20,9	26,0	18,0	16,8	14,5	16,4	14,2	15,0	89	71	82	81	8,3	8,2	—	—	—	31,4	0,8	02 3	08 3	08 4
9	17,8	23,6	19,0	19,8	25,0	17,0	15,0	15,0	17,9	16,2	16,4	98	82	98	93	9,0	4,6	31,4	—	—	2,5	0,6	08 3	08 1	16 1
10	17,8	23,2	19,4	19,9	24,0	17,0	16,0	14,7	16,0	15,8	15,5	96	75	94	88	8,7	5,6	2,5	—	—	0,5	0,4	16 1	00 0	16 1
11	18,2	18,2	17,6	17,9	19,8	17,0	15,8	14,2	15,4	15,2	14,9	91	98	100	96	10,0	--	0,5	14,4	—	15,0	0,4	00 0	16 1	16 1
12	16,8	22,5	18,6	19,1	23,5	16,5	14,8	13,8	14,9	16,1	14,9	96	72	100	89	9,3	5,9	0,6	0,1	—	6,0	0,0	16 1	16 1	08 1
13	16,6	20,4	18,0	18,2	21,5	16,5	15,5	14,3	14,8	15,6	14,9	100	83	100	94	9,7	1,8	5,9	30,7	0,1	30,8	0,0	08 2	00 0	08 2
14	16,8	20,3	18,4	18,5	24,2	16,0	14,9	14,1	14,4	15,6	14,7	98	81	98	92	9,3	6,0	—	—	19,1	20,2	0,0	10 2	08 1	16 1
15	17,4	24,4	18,8	19,8	25,0	16,5	15,4	13,3	16,6	16,0	15,3	90	72	98	87	8,7	7,8	1,1	—	—	14,1	0,0	16 1	16 2	08 2
16	16,6	23,2	19,0	19,4	25,0	16,0	14,5	13,9	17,6	16,5	16,0	98	82	100	93	8,7	5,5	14,1	0,2	—	3,8	0,4	08 1	00 0	00 0
17	16,8	24,8	18,8	19,8	25,0	16,5	14,5	13,8	16,4	15,1	15,1	96	68	94	86	9,0	8,0	3,6	—	—	—	0,2	16 1	00 0	16 2
18	17,6	23,8	18,8	19,7	25,5	16,5	15,0	14,4	16,3	15,4	15,4	95	73	94	87	4,7	10,4	—	—	—	0,4	0,2	08 3	08 2	16 1
19	18,4	25,4	19,2	20,5	26,5	17,0	15,5	14,1	15,1	15,4	14,9	89	62	93	81	6,3	9,7	0,4	—	0,1	0,2	0,6	08 2	16 1	16 2
20	18,0	25,5	19,4	20,6	26,0	17,5	14,9	14,5	13,6	12,8	13,6	93	55	76	75	4,0	10,3	0,1	—	—	—	0,0	00 0	00 0	08 1
21	17,3	23,0	19,6	19,9	24,5	16,8	16,0	13,7	12,6	13,7	13,3	93	60	80	78	3,7	10,0	—	—	—	—	0,8	08 3	08 2	08 2
22	18,4	24,6	19,6	20,5	25,5	16,5	15,5	11,2	13,9	12,1	12,4	70	60	71	67	3,3	11,3	—	—	—	—	1,0	08 4	08 2	08 2
23	18,4	25,6	20,4	21,2	26,2	17,5	16,8	11,3	14,7	13,7	13,2	71	61	76	69	3,7	9,5	—	—	—	1,0	0,4	08 3	08 2	08 2
24	18,4	22,8	19,0	19,8	23,0	17,0	16,0	12,8	15,3	14,1	14,1	81	73	86	80	7,3	8,9	1,0	—	—	—	0,2	08 2	08 1	16 1
25	17,4	24,8	18,4	19,7	25,0	17,0	15,5	12,7	16,6	15,6	15,0	86	70	98	85	8,7	7,4	—	—	0,2	0,2	0,0	08 1	00 0	08 1
26	18,0	25,0	19,4	20,4	26,5	17,0	16,5	13,4	16,5	16,9	15,6	87	68	100	85	6,7	10,0	—	—	—	—	0,4	00 0	00 0	16 2
27	18,2	25,0	19,0	20,3	25,5	17,5	15,0	14,5	16,3	14,9	15,2	93	68	91	84	7,0	7,4	—	—	—	38,3	0,0	00 0	00 0	16 1
28	16,8	25,6	19,4	20,3	26,5	16,0	15,0	12,1	18,0	16,6	15,6	85	73	98	85	8,7	8,1	38,3	—	—	3,5	0,2	08 1	00 0	16 1
29	17,8	24,2	18,0	19,5	27,5	16,5	15,0	14,2	16,5	15,6	15,4	93	73	100	89	9,0	9,7	3,5	—	—	26,3	0,2	08 2	00 0	00 0
30	17,2	24,8	20,0	20,5	26,0	15,5	14,5	12,9	17,5	16,9	15,8	88	78	96	87	8,0	5,9	26,3	0,1	—	0,1	0,2	08 1	08 1	00 0
31																									
MED.	17,8	23,7	19,1	19,9	24,8	16,8	15,3	13,8	15,8	15,3	15,0	91	73	92	85	7,5	7,1	5,3	1,5	0,6	7,4	0,3	--	--	--
																				Total	222,3	m.m.			

ESTACION Yolombó MES Julio AÑO 1963 φ = 6° 35' N λ = 75° 03' W.GR - ALTURA 1.540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.2	24.0	19.0	20.0	25.8	17.5	16.0	15.4	14.9	16.2	15.5	98	66	98	87	8.7	8.7	--	--	--	13.2	0.0	08 2	08 1	08 2
2	18.6	24.8	19.2	20.4	26.0	16.0	15.0	12.3	16.1	15.4	14.6	76	68	93	79	8.7	6.8	13.2	--	--	24.4	0.2	08 2	08 1	16 1
3	16.6	22.8	19.0	19.3	24.0	15.5	14.5	14.3	15.0	15.9	15.1	100	72	96	89	6.7	6.0	24.4	--	--	--	0.2	00 0	08 1	08 1
4	17.4	24.4	19.4	20.1	26.0	16.5	14.0	13.9	16.4	15.8	15.4	94	71	94	86	4.7	11.1	--	--	--	0.4	0.4	08 2	08 2	08 1
5	17.8	24.2	19.0	20.0	25.5	17.5	15.5	15.0	15.9	15.5	15.8	98	70	100	89	7.0	6.4	0.4	0.1	--	6.3	0.2	08 2	08 1	00 0
6	16.6	23.2	19.2	19.5	24.5	15.0	14.0	13.3	15.6	15.4	15.1	94	73	98	88	9.3	7.3	6.2	--	--	--	0.0	08 2	16 1	16 1
7	17.6	21.0	19.7	19.0	23.6	17.0	15.5	14.2	15.6	16.0	15.3	94	84	99	92	6.7	4.9	--	0.2	--	0.2	0.0	00 0	08 2	08 1
8	18.0	22.2	19.4	19.7	24.0	17.0	16.0	15.2	15.2	15.8	15.4	98	76	94	89	9.7	4.3	--	4.1	--	11.5	0.0	08 1	08 1	16 1
9	18.2	24.0	18.0	19.5	25.5	16.5	13.0	14.0	15.7	15.6	15.1	90	70	100	87	9.3	7.9	7.4	--	0.7	9.7	0.4	08 1	16 1	16 2
10	17.4	24.0	17.6	19.1	25.0	16.0	14.0	11.9	16.5	14.2	14.2	80	73	94	82	9.0	6.9	9.0	--	9.8	10.2	0.6	16 3	08 1	15 2
11	17.2	23.4	19.6	19.9	24.5	16.0	15.5	13.4	16.2	16.8	15.5	91	75	98	88	9.7	3.8	0.4	0.4	--	0.4	0.4	08 1	08 1	16 1
12	18.0	24.2	13.6	20.3	25.6	15.5	14.0	14.9	15.9	15.0	15.6	96	70	94	87	8.3	9.9	--	--	--	18.0	0.2	08 1	08 1	16 1
13	15.0	22.0	18.4	18.4	24.0	14.0	13.5	12.5	15.1	14.1	14.2	98	81	89	89	7.0	5.0	18.0	1.6	--	1.6	0.0	16 2	08 1	16 1
14	17.6	24.8	19.2	20.2	26.0	16.0	15.0	13.6	14.4	15.1	14.7	91	52	96	83	6.7	9.3	--	--	--	15.0	0.2	08 1	08 2	16 1
15	16.4	23.8	19.2	19.6	24.5	15.0	14.0	11.0	17.5	15.0	14.5	78	79	90	82	8.7	5.5	15.0	--	--	0.1	0.0	08 1	16 1	08 1
16	18.0	23.0	19.2	19.8	25.0	17.0	15.5	14.1	15.8	15.0	15.0	92	75	90	86	6.0	4.6	0.1	--	--	53.7	0.0	08 1	00 0	00 0
17	14.6	22.4	19.2	18.8	24.0	13.5	12.0	11.0	15.9	16.1	14.3	89	78	96	88	9.0	7.7	53.7	0.3	--	14.6	0.2	08 2	15 2	16 2
18	17.4	23.8	19.4	20.0	24.5	16.0	15.0	13.3	15.6	16.3	15.1	90	70	96	85	8.3	10.1	14.3	--	--	0.9	0.2	08 1	16 2	08 1
19	16.4	22.6	13.8	19.1	24.5	15.0	14.5	13.7	14.7	16.0	14.8	98	71	98	89	9.0	4.6	0.9	4.6	--	4.6	0.0	08 1	08 1	00 0
20	18.2	24.4	18.8	20.0	25.5	17.0	16.0	13.7	15.8	16.0	15.2	88	68	98	85	6.7	10.4	--	--	--	18.5	0.2	00 0	08 1	16 2
21	15.0	23.9	19.0	19.2	25.1	14.0	13.0	11.8	15.9	16.2	14.6	93	72	98	88	9.3	8.4	18.5	0.3	--	0.5	0.2	16 2	08 1	16 2
22	18.0	25.2	19.4	20.5	26.0	16.5	15.0	12.4	17.7	16.3	15.5	80	73	96	83	5.0	10.6	0.2	--	--	6.7	0.0	00 0	08 1	16 2
23	18.0	24.4	18.4	19.8	25.0	17.0	16.0	11.5	14.0	14.1	13.2	74	62	89	75	6.7	10.0	6.7	--	--	--	0.2	00 0	08 1	08 3
24	16.8	23.6	19.8	20.0	24.5	16.0	14.5	10.8	12.2	12.1	11.7	75	55	72	67	4.7	10.7	--	--	--	--	0.4	08 1	08 3	08 2
25	17.8	24.2	19.6	20.3	25.0	15.5	15.0	9.1	13.2	12.1	11.5	60	58	71	63	6.3	11.4	--	--	--	--	1.0	08 1	16 1	16 2
26	17.0	25.2	19.6	20.3	26.0	16.0	14.8	11.4	15.2	12.6	13.1	78	63	73	71	5.3	10.0	--	--	--	--	0.6	00 0	08 1	08 1
27	16.8	23.4	19.0	19.5	24.5	16.0	15.5	11.1	13.6	11.5	12.1	77	64	70	70	8.0	8.5	--	--	--	--	0.4	00 0	08 1	08 2
28	17.8	24.4	19.2	20.1	26.5	17.0	16.0	12.3	15.0	15.3	14.2	80	65	92	79	7.7	10.9	--	--	--	12.6	0.4	00 0	15 1	16 3
29	18.2	24.6	17.0	19.2	25.5	15.0	15.6	12.7	18.0	14.0	14.9	82	78	96	85	8.3	9.8	12.6	--	--	1.1	0.0	00 0	08 1	16 3
30	18.0	24.0	20.0	20.5	26.0	17.0	16.0	12.4	16.5	16.2	15.0	80	73	93	82	7.7	10.4	1.1	--	--	3.2	0.4	00 0	16 1	00 0
31	17.6	21.8	18.8	19.2	22.4	16.4	15.0	13.0	14.2	15.7	14.3	86	73	96	88	9.0	2.2	3.2	1.9	--	11.1	0.2	00 0	00 0	00 0
MED.	17.3	23.7	19.0	19.7	25.0	15.1	14.8	12.9	15.5	15.2	14.5	87	70	92	83	7.6	7.9	6.6	0.4	0.3	7.7	0.2	--	--	--

Total 238.5 m.m.

ESTACION Yolombó MES Agosto AÑO 1963 φ = 6° 36' N λ = 75° 03' W.GR - ALTURA 1.540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.2	23.2	17.0	18.6	25.5	16.0	14.0	13.9	13.4	14.6	14.0	94	64	100	86	9.0	6.3	9.2	—	14.8	47.5	0.2	00 0	00 0	16 2
2	15.0	21.0	18.0	18.0	21.6	14.0	13.0	11.6	15.6	14.1	13.8	91	84	92	89	8.3	0.8	32.7	3.9	—	3.9	0.0	08 2	00 0	00 0
3	17.2	23.4	19.2	19.7	24.5	16.5	15.5	13.5	15.2	16.4	15.0	92	70	98	87	8.7	10.4	—	—	—	—	0.4	00 0	16 1	00 0
4	18.0	25.6	20.2	21.0	26.5	17.0	15.0	15.2	15.5	17.6	16.1	98	63	98	86	9.3	9.1	—	—	—	4.8	0.0	00 0	00 0	16 2
5	17.2	23.8	18.6	19.5	24.5	16.0	15.5	13.2	16.3	13.5	14.3	90	73	85	83	9.3	6.0	4.8	—	0.4	0.4	0.2	00 0	16 2	16 3
6	17.8	24.4	19.0	20.0	25.0	17.0	16.5	12.3	16.1	15.7	14.7	81	70	95	82	6.3	8.2	—	—	—	—	0.6	00 0	08 2	16 2
7	17.6	25.2	19.6	20.5	26.6	16.5	15.5	14.2	15.7	15.7	15.2	94	65	92	84	7.0	10.6	—	—	—	1.0	0.4	08 2	00 0	08 2
8	17.6	25.6	19.4	20.5	26.0	17.0	16.0	14.0	17.1	15.2	15.4	93	70	90	84	9.0	9.2	1.0	—	—	26.5	0.2	08 1	00 0	16 2
9	17.4	23.0	19.4	19.8	24.5	16.0	15.5	13.9	16.9	15.8	15.5	93	80	94	89	9.3	6.1	26.5	2.0	—	10.6	0.2	00 0	00 0	00 0
10	16.8	23.2	19.4	19.7	25.0	15.5	14.5	13.5	16.6	16.3	15.5	94	78	96	89	6.7	7.7	8.6	—	0.5	0.5	0.2	08 1	00 0	16 1
11	17.0	25.8	20.8	21.1	26.5	16.5	15.5	12.5	14.5	14.6	13.9	86	58	79	74	5.7	10.9	—	—	—	—	0.2	08 1	16 2	00 0
12	18.2	25.0	20.8	21.2	25.5	17.5	16.5	15.1	13.1	13.1	13.8	96	55	71	74	6.7	8.2	—	—	—	—	2.0	08 1	16 2	08 2
13	18.4	25.8	20.2	21.1	27.0	18.0	17.0	13.2	15.8	14.9	14.6	83	64	84	77	5.3	8.5	—	—	—	0.6	0.2	08 1	16 1	16 2
14	18.4	25.8	20.6	21.3	27.4	18.0	17.0	15.0	17.4	16.9	16.4	94	70	93	86	7.3	6.4	0.5	0.2	—	0.8	0.2	00 0	08 1	16 3
15	20.0	25.6	20.2	21.5	26.3	18.0	17.0	15.8	17.4	15.1	16.1	90	72	85	82	6.7	7.9	0.6	—	—	—	0.4	00 0	08 1	08 4
16	17.2	23.8	20.2	20.3	24.5	16.5	15.5	12.7	12.8	12.7	12.7	87	58	72	72	8.0	8.5	—	—	—	—	0.6	08 1	08 3	16 2
17	17.8	25.4	20.4	21.0	26.0	17.3	16.0	12.0	14.6	14.8	13.8	77	60	82	73	6.3	8.3	—	—	0.4	29.4	0.6	08 2	08 2	00 0
18	18.2	24.4	20.0	20.6	25.0	15.0	14.0	13.1	15.6	16.9	15.2	84	68	96	83	8.3	7.2	29.3	—	—	6.6	0.2	08 2	08 1	15 2
19	16.8	23.8	19.0	19.6	24.5	15.4	14.5	12.0	17.3	16.2	15.2	83	78	98	86	9.0	7.2	6.6	—	—	0.1	0.2	00 0	00 0	16 2
20	17.8	23.4	17.2	18.9	24.5	16.5	15.5	13.2	16.4	14.1	14.6	87	76	96	86	9.7	4.1	0.1	—	6.4	20.5	0.2	00 0	08 1	16 2
21	17.4	24.4	19.0	19.9	25.5	15.5	14.5	11.8	16.4	16.2	14.8	79	71	98	83	6.0	10.7	14.1	—	—	—	0.4	00 0	00 0	16 2
22	18.0	25.2	19.6	20.6	26.5	17.0	15.8	14.6	16.7	15.8	16.0	94	68	98	87	5.7	10.2	—	—	—	8.4	0.2	00 0	08 1	16 2
23	17.4	24.6	20.0	20.5	26.0	15.0	13.8	14.0	16.3	15.9	15.4	94	70	91	85	6.7	5.7	8.4	0.1	—	0.4	0.2	16 2	08 1	16 1
24	17.4	24.2	19.6	20.2	24.0	16.5	15.5	11.7	17.8	16.8	15.4	78	78	98	85	8.7	6.8	0.3	—	—	—	0.2	16 1	16 1	16 2
25	17.2	25.8	19.6	20.5	27.5	16.5	15.0	14.4	17.1	16.8	16.1	98	68	98	88	4.7	9.4	—	—	—	4.0	0.4	00 0	00 0	16 3
26	17.2	25.2	20.6	20.9	25.5	16.5	14.5	13.4	18.0	17.2	16.2	91	78	95	88	9.3	8.0	4.0	1.8	—	18.5	0.2	16 2	08 1	16 2
27	17.8	25.0	19.2	20.3	26.0	16.5	15.0	14.2	15.4	16.4	15.3	93	65	98	85	9.3	9.1	16.7	—	—	9.0	0.4	00 0	00 0	00 0
28	16.6	23.8	18.6	19.4	24.1	15.5	14.0	12.9	16.6	13.8	14.4	90	75	86	84	7.0	8.8	9.0	0.1	—	0.1	0.2	08 1	08 2	16 1
29	17.8	24.8	20.0	20.6	26.0	17.5	16.5	15.0	17.5	17.2	16.6	98	70	98	89	7.0	9.3	—	—	—	5.4	0.2	08 2	00 0	16 1
30	17.0	24.8	20.6	20.7	26.5	16.0	15.0	12.5	14.0	17.9	14.8	86	60	98	81	7.3	11.0	5.4	—	—	22.6	0.4	08 1	08 2	08 2
31	17.6	24.0	20.6	20.7	25.0	16.0	14.6	12.7	17.5	17.7	16.0	84	78	97	86	8.7	8.5	22.6	—	—	1.7	0.2	00 0	08 1	16 1
MED.	17.5	24.5	19.6	20.3	25.5	16.4	15.3	13.4	16.0	15.7	15.0	89	70	92	84	7.6	8.1	6.5	0.3	0.7	7.2	0.4	— —	— —	— —

Total 223.3 m.m.

ESTACION Yolombó MES Septiembre AÑO 19 63 φ = 6º 35' N λ = 75º 03' W.GR - ALTURA 1.540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.4	24.8	20.0	20.5	25.0	17.0	15.5	12.8	12.8	16.8	14.1	86	55	95	79	8.7	8.8	1.7	—	—	—	0.4	08 1	08 2	16 2
2	18.2	25.2	19.8	20.7	26.0	16.0	14.0	15.1	14.4	17.0	15.5	96	60	98	85	6.3	8.9	—	—	—	—	0.4	08 1	08 2	16 1
3	18.2	25.4	22.0	21.9	26.0	17.5	16.5	15.4	12.4	13.8	13.9	98	51	70	73	7.7	9.6	—	—	—	—	0.2	08 1	08 2	16 1
4	18.2	25.6	20.0	20.9	26.0	16.5	15.5	14.2	11.4	17.2	14.3	91	46	98	78	6.3	8.7	—	—	—	8.7	1.0	08 2	08 2	08 1
5	17.8	24.2	20.8	20.7	25.5	17.0	14.0	12.4	15.6	17.9	15.3	82	68	98	83	8.3	8.7	8.7	—	—	33.2	0.2	08 1	08 1	00 0
6	18.2	25.2	20.0	20.8	25.5	16.5	14.9	13.7	17.7	17.2	16.2	86	73	98	86	9.0	8.3	33.2	—	—	13.9	0.2	08 1	08 1	08 2
7	18.0	24.0	19.8	20.4	25.0	16.5	15.0	15.2	15.4	16.7	15.8	98	88	96	87	9.3	8.3	13.9	—	—	26.8	0.4	08 1	00 0	08 1
8	17.4	22.8	19.0	19.5	24.1	15.5	14.0	13.8	16.7	15.9	15.4	91	80	96	89	9.3	8.7	26.8	—	—	19.1	0.2	00 0	16 2	08 1
9	17.4	24.8	18.6	19.8	25.5	16.4	14.9	13.8	17.0	14.4	15.0	91	73	90	85	8.3	9.8	19.1	—	—	42.1	0.4	00 0	08 1	16 2
10	15.8	21.2	19.2	18.8	22.5	15.0	14.0	12.5	15.9	16.1	14.8	93	85	96	91	9.7	5.2	42.1	—	—	0.2	0.4	08 1	08 1	00 0
11	17.8	20.2	20.2	21.1	27.0	17.5	15.5	15.0	17.5	16.0	16.2	98	80	98	88	9.3	8.4	0.2	—	—	1.9	0.2	00 0	00 0	00 0
12	17.6	23.8	19.0	19.8	24.5	17.5	14.5	17.4	19.5	18.8	18.6	98	88	96	87	8.3	3.9	1.9	6.9	0.1	15.1	0.2	00 0	08 1	16 2
13	17.6	23.8	19.0	19.8	25.5	17.0	15.0	14.2	16.0	15.9	15.4	94	73	96	88	7.7	8.2	8.1	—	—	22.8	0.2	00 0	08 1	16 1
14	16.8	21.4	19.2	19.1	24.0	15.5	14.0	13.1	16.8	16.4	15.4	91	88	98	92	8.3	1.2	22.8	0.4	--	39.9	0.2	00 0	08 1	00 0
15	15.3	24.6	19.2	19.5	25.5	15.0	13.0	15.0	16.3	15.9	15.7	98	70	95	88	7.0	2.9	39.5	3.1	—	28.3	0.4	08 2	00 0	16 1
16	16.8	22.8	19.6	19.7	25.0	15.0	14.0	13.1	16.7	16.8	15.5	91	80	98	90	5.7	8.3	25.2	—	—	36.3	0.2	00 0	08 1	16 2
17	16.0	23.6	19.6	20.2	24.5	15.5	14.5	13.5	18.0	16.1	15.9	88	83	95	89	7.0	8.7	36.3	—	—	41.2	0.4	08 2	08 1	00 0
18	16.8	21.4	17.8	18.4	22.0	16.0	14.0	14.1	16.8	15.0	15.3	98	88	98	95	6.3	—	41.2	4.8	—	76.2	0.0	00 0	00 0	16 1
19	15.0	22.0	18.0	18.2	22.5	14.5	14.0	12.5	16.8	15.8	14.9	98	83	100	94	9.0	3.8	71.4	—	—	21.8	0.2	16 1	08 1	16 1
20	16.2	22.8	17.8	18.5	23.5	15.5	14.5	13.3	14.7	14.2	14.1	96	70	94	87	5.7	6.4	21.8	—	6.7	6.8	0.2	08 1	08 1	16 1
21	17.6	24.4	18.4	19.7	25.5	16.5	15.0	14.2	16.1	15.0	15.1	94	70	94	86	8.7	8.8	0.1	—	—	12.0	0.2	00 0	00 0	16 2
22	17.4	24.6	18.0	19.5	25.0	14.5	13.6	12.2	15.5	15.2	14.3	82	67	98	82	6.7	5.9	12.0	—	—	—	0.2	00 0	08 1	16 3
23	18.0	25.0	19.2	20.3	25.5	16.5	14.8	13.8	16.7	16.4	15.6	88	70	98	85	6.7	7.0	—	—	..	—	0.2	16 1	08 1	00 0
24	18.0	26.4	19.6	20.9	27.0	17.0	16.0	14.9	17.2	15.7	15.9	96	66	92	85	6.7	7.8	—	0.1	—	0.1	0.2	00 0	00 0	08 1
25	18.0	23.6	19.2	20.0	25.0	17.0	16.0	14.5	15.4	16.1	15.3	93	70	96	86	7.7	4.0	—	4.9	—	5.9	0.2	00 0	00 0	00 0
26	18.4	24.6	18.4	19.9	25.8	16.5	14.5	13.9	17.8	15.3	15.7	88	76	96	87	9.3	4.0	1.0	—	—	26.6	0.2	08 1	00 0	16 1
27	16.4	20.8	18.0	18.3	21.5	15.5	14.0	13.4	15.4	14.9	14.6	95	84	96	92	7.7	2.0	26.6	—	—	—	0.2	00 0	08 2	16 1
28	18.0	24.8	19.4	20.4	25.4	17.5	16.0	15.2	16.6	16.6	16.1	98	70	98	89	9.0	6.4	—	—	—	27.0	0.4	00 0	00 0	16 1
29	17.8	25.0	18.8	20.1	26.1	16.0	14.6	10.6	14.2	14.3	13.0	70	60	88	73	9.3	8.1	27.0	—	—	9.7	0.2	08 1	16 2	16 2
30	17.2	24.4	18.6	19.7	25.5	16.0	14.9	11.4	16.8	15.8	14.7	77	74	98	83	8.3	8.4	9.7	—	—	—	0.4	00 0	00 0	16 3
31																									
MED.	17.4	24.0	19.2	19.9	24.9	16.2	14.7	13.8	16.0	16.0	15.3	92	71	95	86	7.9	6.6	16.2	0.7	0.2	17.0	0.2	--	--	--

Total 511.6 m.m.

ESTACION Yolosbé MES Octubre AÑO 1963 φ = 60 36' N λ = 75° 03' W.GR - ALTURA 1,540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.4	24.8	16.0	18.5	26.0	16.5	14.9	12.8	16.1	12.8	13.9	86	68	94	83	8.3	8.1	—	—	14.9	14.9	0.2	00 0	08 1	00 0
2	18.8	23.8	18.0	19.6	25.0	16.0	15.5	12.4	15.9	14.0	14.1	76	72	91	80	7.3	7.9	—	—	1.0	8.6	0.4	16 2	00 0	16 1
3	15.4	22.9	18.6	18.9	23.5	14.0	13.0	12.7	16.2	15.8	14.9	98	78	98	91	9.3	7.3	7.6	0.9	—	0.9	0.0	08 1	00 0	16 2
4	17.4	24.2	19.6	20.2	25.5	17.0	16.0	14.6	16.5	16.8	16.0	98	73	98	90	8.3	10.2	—	—	—	17.0	0.4	08 1	08 2	08 2
5	17.8	24.6	20.0	20.6	26.5	16.5	15.5	12.5	16.7	17.2	15.5	83	71	98	84	8.7	9.4	17.0	—	—	2.6	0.2	08 2	16 1	08 2
6	18.6	25.4	19.2	20.6	26.5	17.0	16.0	15.8	16.6	16.4	16.3	98	68	98	88	9.0	9.0	2.6	—	—	—	0.2	08 2	16 1	08 1
7	18.6	21.0	18.6	19.2	24.5	17.5	13.5	15.8	14.0	15.2	15.0	98	75	94	89	7.7	3.7	—	4.1	—	4.1	0.0	00 0	00 0	00 0
8	18.0	24.4	18.0	19.6	25.0	17.0	16.0	14.9	16.4	13.8	15.0	96	73	90	86	7.3	6.2	—	—	—	—	0.4	08 1	08 1	16 1
9	16.2	22.6	18.0	18.7	23.5	15.5	13.0	13.3	16.4	14.6	14.8	96	80	94	90	7.3	1.5	—	—	—	9.9	0.4	00 0	08 1	16 2
10	17.6	24.0	19.6	20.2	25.0	16.5	15.0	14.6	13.6	16.8	15.0	97	61	98	85	9.7	7.4	9.9	—	—	—	0.2	00 0	08 1	16 2
11	19.2	24.8	19.2	20.6	25.5	17.0	16.0	15.6	15.5	15.6	15.6	94	67	94	85	7.0	8.1	—	—	—	9.4	0.2	08 2	16 1	08 1
12	17.8	24.0	18.6	19.7	24.5	16.0	15.0	14.7	16.0	15.8	15.5	96	71	98	88	8.7	6.9	9.4	—	—	0.7	0.2	16 2	08 2	16 1
13	17.4	22.0	18.4	19.0	23.0	17.0	16.0	14.6	15.5	15.6	15.2	98	78	96	91	9.7	0.7	0.7	0.5	—	0.5	0.0	16 1	08 1	08 2
14	17.0	24.2	19.2	19.9	25.4	16.5	15.0	14.2	16.6	15.6	15.5	98	71	94	88	9.7	3.5	—	—	—	—	0.4	00 0	16 1	08 2
15	17.6	24.4	17.6	19.3	25.5	15.5	13.0	13.5	15.2	14.5	14.4	90	66	96	84	8.7	7.7	—	—	21.4	65.3	0.2	08 2	16 2	08 2
16	16.8	21.8	18.2	18.7	23.5	16.0	15.0	14.1	15.6	15.8	15.2	98	80	100	93	9.3	4.4	43.9	0.9	—	0.9	0.2	16 1	00 0	00 0
17	17.8	24.2	19.2	20.1	24.5	17.0	16.0	13.8	16.5	16.7	15.7	91	76	100	89	7.7	3.9	—	—	—	36.1	0.4	00 0	00 0	00 0
18	18.2	23.0	19.0	19.8	24.0	16.5	16.2	14.8	16.2	16.2	15.7	94	77	98	90	9.0	4.8	36.1	—	—	16.5	0.2	00 0	08 2	16 1
19	17.8	23.8	19.4	20.1	24.0	16.0	15.0	13.7	15.8	16.6	15.4	90	73	98	87	7.0	4.3	16.5	—	—	21.9	0.2	08 1	08 2	08 1
20	17.2	24.2	19.3	20.0	25.0	17.0	16.0	14.8	15.6	15.6	15.3	100	68	94	87	7.3	8.3	21.9	3.4	—	5.1	0.2	08 2	08 1	08 1
21	17.0	24.4	19.2	19.9	25.0	16.0	14.8	12.6	17.2	15.6	15.1	87	75	94	85	6.3	7.9	1.7	—	—	—	0.2	08 1	08 1	16 3
22	18.2	25.2	19.4	20.5	26.0	17.0	16.0	14.5	16.9	15.6	15.7	93	70	93	85	7.0	8.4	—	—	—	—	0.2	00 0	08 1	00 0
23	19.2	22.2	19.0	19.8	23.5	16.0	15.5	14.1	15.2	15.3	14.9	85	76	96	86	9.3	3.2	—	—	1.5	11.0	0.2	08 1	00 0	00 0
24	17.4	24.0	18.2	19.4	24.2	16.5	15.0	13.9	16.9	15.1	15.3	93	75	96	88	9.3	4.1	9.5	0.1	—	2.4	0.4	00 0	08 1	00 0
25	17.0	23.2	18.0	19.0	23.5	16.5	15.0	14.0	15.0	14.0	14.3	96	70	91	86	9.0	1.9	2.3	—	0.5	0.5	0.2	16 1	16 1	16 2
26	17.8	22.2	18.8	19.4	24.5	16.5	15.0	12.8	15.1	15.7	14.3	84	75	96	85	7.3	8.9	—	—	—	—	0.2	08 2	00 0	16 2
27	17.8	24.0	17.4	19.1	25.0	17.0	16.0	14.7	16.0	14.6	15.1	96	71	98	88	9.0	5.4	—	—	42.8	47.6	0.4	00 0	08 1	16 3
28	17.0	23.4	18.4	19.3	24.5	15.5	14.6	13.8	14.7	15.6	14.7	95	68	98	87	9.0	5.3	4.8	—	—	4.0	0.2	00 0	00 0	16 1
29	17.0	21.8	18.4	18.9	24..	16.5	14.9	14.2	15.4	15.6	15.1	98	80	98	92	9.3	2.0	4.0	0.1	0.4	0.8	0.0	00 0	00 0	16 1
30	17.2	24.0	18.8	19.7	24.5	16.0	14.5	13.7	16.2	16.0	15.3	93	73	98	88	9.0	4.6	0.3	—	—	2.4	0.0	00 0	08 1	16 1
31	16.4	22.6	18.6	19.0	23.0	16.0	15.0	13.7	15.5	15.8	15.0	98	75	98	90	9.7	2.1	2.4	1.4	0.3	7.6	0.2	00 0	08 2	00 0
MED.	17.6	23.6	18.6	19.6	24.6	16.4	15.1	14.0	15.8	15.5	15.1	93	73	96	87	8.4	5.7	6.1	0.4	2.7	9.4	0.2	— —	— —	— —

Total 290.7 m.m.

ESTACION Yolombó MES Noviembre AÑO 1963 φ = 6° 36' N λ = 75° 03' W.GR - ALTURA 1.540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.8	24.4	18.8	19.9	25.0	17.0	15.0	14.7	13.0	15.7	14.5	96	60	96	84	9.3	5.4	5.9	--	--	5.6	0.2	00 0	00 0	16 1
2	17.6	24.2	19.4	20.1	25.0	16.5	15.0	14.2	16.0	16.6	15.6	98	71	98	89	9.3	6.5	5.6	1.3	--	2.9	0.2	08 1	16 1	08 1
3	18.4	22.4	18.4	19.4	23.5	17.0	14.9	14.2	14.9	15.6	14.9	90	73	98	87	7.3	3.7	1.6	2.2	6.2	8.4	0.4	08 1	08 2	15 1
4	17.6	19.5	17.6	18.1	23.0	16.5	15.0	14.8	15.3	14.8	15.0	98	90	98	95	8.0	2.4	--	2.4	0.1	2.7	0.0	00 0	00 0	16 2
5	17.8	20.8	17.6	18.4	22.5	16.5	15.0	15.0	16.4	14.8	15.4	98	90	98	95	7.7	2.5	0.2	0.1	2.0	3.0	0.2	00 0	00 0	00 0
6	17.0	18.5	17.4	17.6	20.5	16.5	16.0	14.6	15.7	14.8	15.0	100	98	96	98	10.0	0.4	0.9	4.6	0.9	5.5	0.0	00 0	00 0	16 1
7	16.8	22.8	18.0	18.9	23.5	16.0	15.0	13.8	16.7	15.6	15.4	96	80	100	92	9.3	3.8	--	0.6	33.9	34.5	0.4	00 0	0000	00 0
8	17.2	24.2	17.8	19.2	24.5	15.5	14.5	14.4	17.3	15.4	15.7	98	76	100	91	7.0	6.5	--	--	--	--	0.2	00 0	00 0	00 0
9	17.2	23.6	19.2	19.8	24.5	16.5	15.0	13.9	15.9	16.6	15.5	94	72	98	88	8.3	6.5	--	--	--	--	0.4	00 0	16 1	16 1
10	18.4	22.0	18.0	19.1	24.0	17.3	17.0	15.6	17.8	15.2	16.2	98	90	98	95	8.0	3.1	--	3.8	3.7	12.9	0.2	16 1	16 1	00 0
11	17.0	22.4	17.8	18.7	22.5	16.0	15.0	14.6	16.1	15.0	15.2	98	80	98	92	9.7	1.7	5.4	1.1	0.9	2.1	0.2	00 0	00 0	16 1
12	17.0	20.0	17.4	17.9	22.0	16.6	15.0	13.5	16.2	15.0	14.9	93	93	100	95	9.7	1.9	0.1	12.7	0.4	14.8	0.0	10 1	08 1	16 2
13	16.2	22.6	17.4	18.4	24.0	15.5	14.5	13.3	15.1	15.0	14.5	96	73	98	89	9.7	2.6	1.7	--	4.7	22.0	0.2	00 0	00 0	16 2
14	15.4	19.4	17.0	17.2	21.5	15.0	14.0	12.9	15.6	14.2	14.2	98	93	98	96	10.0	0.4	17.3	7.9	0.1	10.7	0.0	16 2	15 1	08 1
15	16.4	17.0	16.2	16.4	19.5	15.5	14.0	14.1	14.2	13.9	14.1	100	98	100	99	10.0	0.7	2.7	3.0	--	3.0	0.0	00 0	08 1	16 1
16	16.0	23.2	17.6	18.6	24.0	15.0	13.5	12.8	15.4	14.8	14.3	94	72	98	88	5.0	8.8	--	--	--	0.6	0.4	00 0	00 0	16 1
17	17.2	24.0	18.2	19.4	24.5	16.0	15.0	14.1	15.7	15.4	15.0	96	70	98	88	7.3	5.4	0.6	--	--	--	0.2	00 0	00 0	16.2
18	17.0	23.0	18.4	19.2	23.5	16.5	15.0	14.2	16.4	15.3	15.3	98	78	96	91	5.0	3.3	--	--	--	--	0.2	08 1	00 0	08 1
19	18.8	26.6	19.6	20.6	25.0	17.3	16.0	15.7	15.8	16.4	16.0	96	68	96	86	5.3	6.6	--	--	--	0.3	0.4	00 0	08 2	08 2
20	17.7	24.2	19.4	20.2	25.0	17.0	15.5	14.8	14.3	16.3	15.1	98	63	96	86	8.3	7.2	0.3	--	--	1.1	0.4	00 0	00 0	16 2
21	17.0	23.6	18.8	19.5	25.0	16.0	15.5	13.5	16.6	15.5	15.2	93	76	95	88	9.0	2.9	1.1	--	0.1	0.1	0.2	00 0	00 0	16 2
22	16.8	22.4	17.6	18.6	23.0	16.5	15.0	14.1	14.8	14.2	14.4	98	72	94	88	7.3	1.6	--	--	--	1.9	0.2	08 1	00 0	15 1
23	17.3	22.2	17.4	18.6	22.5	16.8	15.0	14.4	15.9	15.0	15.1	97	80	100	92	7.0	3.3	1.9	3.7	2.6	8.3	0.2	00 0	00 0	00 0
24	16.4	23.3	18.0	18.9	24.0	16.0	15.0	14.1	15.0	14.9	14.7	100	70	96	87	7.0	5.1	--	0.1	28.7	73.1	0.2	00 0	08 2	00 0
25	16.3	22.4	18.6	19.0	23.5	15.2	14.6	13.3	16.1	15.8	15.1	96	80	98	91	9.0	7.3	44.3	--	--	0.4	0.2	00 0	08 1	16 1
26	17.0	23.0	18.2	19.1	24.0	16.0	15.0	14.2	16.1	15.8	15.4	98	76	100	91	8.0	7.3	0.4	1.4	--	1.4	0.0	08 1	08 1	00 0
27	17.4	24.2	19.0	19.9	25.5	16.5	16.0	14.2	15.6	16.5	15.4	96	68	100	88	9.0	7.3	--	--	--	--	0.0	08 1	00 0	16 1
28	17.2	24.2	19.0	19.6	25.0	16.5	16.0	14.4	14.8	16.2	15.1	98	65	98	87	8.0	6.9	--	--	--	--	0.2	08 1	00 0	08 1
29	17.2	25.0	19.2	20.1	25.5	16.5	16.0	14.4	15.4	16.4	15.4	98	65	98	87	8.7	7.8	--	0.8	--	9.9	0.2	00 0	08 1	16 2
30	16.6	24.6	18.2	19.4	25.5	15.0	14.6	12.6	14.5	14.5	13.9	89	63	93	82	6.3	8.0	9.1	--	--	--	0.2	00 0	08 1	00 0
31																									
MED.	17.1	22.5	18.2	19.0	23.7	16.2	15.0	14.1	15.6	15.4	15.0	96	77	98	90	8.1	4.6	3.3	1.5	2.8	7.4	0.2	-- -	-- -	-- -

Total 223.2 m.m.

ESTACION Yolombó MES Diciembre AÑO 1963 φ = 6° 36' N λ = 75° 03' W.GR - ALTURA 1.540 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.6	25.2	19.2	20.5	25.5	17.5	17.0	14.4	16.4	15.3	15.4	90	68	92	83	9.0	7.5	--	--	--	--	0.2	00 0	08 1	00 0
2	17.8	25.2	19.0	20.2	25.5	17.3	16.0	14.6	15.2	15.9	15.2	95	63	96	85	6.3	9.2	--	--	--	--	0.2	00 0	08 1	08 1
3	17.8	23.4	18.4	19.7	24.5	17.0	16.0	14.6	15.8	15.2	15.2	95	73	98	89	6.3	3.4	--	0.1	4.1	4.2	0.0	00 0	00 0	00 0
4	17.2	25.0	19.0	20.0	25.5	16.5	15.0	14.1	15.4	15.3	15.1	96	65	96	86	6.0	4.9	--	--	--	--	0.2	00 0	16 1	00 0
5	18.2	25.0	19.6	20.6	25.2	17.5	16.0	14.9	16.0	15.8	15.6	95	67	92	85	6.3	9.8	--	--	--	--	0.2	06 1	08 2	00 0
6	18.4	26.6	20.0	21.2	28.0	17.9	17.0	15.3	16.3	16.6	16.1	96	62	95	84	8.3	8.8	--	--	--	1.3	0.0	08 1	00 0	16 1
7	18.4	23.8	19.4	20.2	25.0	17.5	17.0	15.6	17.7	16.9	16.7	98	80	100	93	6.3	8.3	7.3	1.7	--	1.7	0.2	08 1	08 2	00 0
8	18.6	24.6	19.8	20.7	26.0	18.0	17.0	14.4	16.3	15.7	15.8	90	70	96	85	8.7	8.5	--	--	--	--	0.6	08 2	00 0	00 0
9	18.8	24.2	20.4	20.9	25.0	18.0	17.0	15.4	17.8	17.2	16.8	94	78	96	89	8.7	7.1	--	--	--	2.5	0.2	08 1	08 2	00 0
10	19.0	25.4	20.2	21.2	26.0	18.0	16.0	16.5	16.0	17.4	16.6	100	66	98	88	9.0	8.7	2.5	0.1	--	0.1	0.4	08 1	08 2	16 1
11	18.8	24.0	19.6	20.5	25.0	18.0	15.5	15.7	15.0	16.3	15.7	96	67	95	86	6.3	5.8	--	--	--	--	0.2	00 0	00 0	00 0
12	18.6	24.8	19.8	20.7	25.0	17.5	16.0	14.4	16.1	16.4	15.6	90	68	95	84	7.3	4.0	--	--	--	--	0.2	00 0	16 2	08 2
13	18.8	25.6	19.8	21.0	26.0	17.5	17.0	13.1	15.5	15.6	14.7	80	63	90	78	7.7	6.9	--	--	--	0.4	0.2	16 1	00 0	08 2
14	18.4	23.4	19.2	20.0	24.5	17.4	16.0	15.0	15.2	16.1	15.4	94	70	96	87	6.7	6.7	0.4	--	--	--	0.2	00 0	08 1	16 1
15	18.0	25.2	19.4	20.5	26.0	17.0	17.0	14.1	15.7	15.6	15.1	95	65	93	84	7.0	6.7	--	--	--	--	0.2	08 1	08 2	00 0
16	18.6	24.2	19.4	20.4	25.5	17.8	17.0	14.8	15.9	15.6	15.4	93	70	93	85	6.7	7.7	--	--	--	0.3	0.0	08 1	08 2	16 2
17	17.2	20.0	18.2	18.4	22.5	17.0	15.0	14.1	15.2	15.4	14.9	96	87	98	94	9.7	1.1	0.3	--	4.1	37.3	0.0	00 0	08 1	15 1
18	18.0	23.2	18.6	19.6	23.5	16.5	15.0	14.6	16.6	14.8	15.3	94	78	93	88	9.3	0.8	33.2	--	--	--	0.2	00 0	10 1	08 1
19	17.4	20.2	18.0	18.4	23.5	16.5	16.0	14.6	15.1	14.9	14.9	98	86	96	93	7.7	2.2	--	11.4	13.2	24.6	0.2	00 0	00 0	00 0
20	18.0	23.8	19.4	20.1	24.5	17.0	16.0	14.6	16.4	15.8	15.6	94	74	94	87	6.7	7.6	--	0.1	--	0.1	0.2	08 1	02 1	16 1
21	18.0	20.6	19.0	19.1	23.0	17.0	15.8	14.6	16.2	16.2	15.7	94	90	98	94	9.0	0.9	--	17.8	--	17.8	0.2	00 0	08 2	16 2
22	17.2	25.0	19.2	20.1	26.0	16.5	14.6	14.1	16.8	15.7	15.9	96	71	100	89	7.0	6.7	--	--	--	--	0.2	10 1	08 3	16 3
23	18.4	24.0	19.4	20.3	24.5	17.5	16.0	15.6	17.0	16.3	16.3	98	76	96	90	9.0	7.2	--	0.2	--	0.2	0.2	08 1	08 2	16 1
24	18.4	23.0	19.4	20.0	25.0	18.0	16.0	16.0	17.3	16.3	16.5	100	83	96	93	9.0	3.9	6.7	3.4	--	3.4	0.2	08 1	08 1	16 2
25	18.2	22.0	18.2	19.1	24.5	17.5	16.0	15.4	17.3	15.4	16.0	98	88	98	95	8.0	2.0	--	0.1	22.7	22.8	0.2	00 0	00 0	08 2
26	17.4	21.4	18.6	19.0	23.0	16.0	16.0	14.6	17.1	15.8	15.8	98	90	98	95	9.3	1.9	--	3.3	0.4	3.7	0.2	00 0	08 1	16 2
27	17.9	23.6	19.0	19.9	25.0	17.0	15.6	14.4	15.4	14.8	14.9	94	70	90	85	8.7	3.7	--	--	--	--	0.2	16 1	00 0	16 1
28	17.0	23.6	18.4	19.3	25.0	16.5	15.0	13.1	15.4	15.3	14.6	90	70	96	85	8.3	5.5	--	--	--	--	0.2	00 0	00 0	16 1
29	17.6	23.2	18.6	19.5	25.0	17.0	16.0	14.5	15.0	15.5	15.0	96	70	96	87	8.7	4.2	--	0.1	--	0.1	0.2	16 2	00 0	16 2
30	17.0	22.4	18.4	19.0	23.0	16.5	16.0	14.0	17.3	15.3	15.5	96	86	96	93	9.3	0.8	--	--	3.0	3.0	0.2	00 0	00 0	08 1
31	17.0	22.4	18.0	18.8	23.0	15.5	14.5	13.1	13.4	13.8	13.8	90	65	90	82	8.3	2.2	--	--	--	--	0.4	00 0	00 0	16 2
MED.	18.0	23.7	19.1	20.0	24.8	17.2	16.1	14.6	16.0	15.8	15.5	94	73	95	88	8.0	5.3	1.6	1.2	1.5	4.4	0.2	--	--	--

Total 136.2 m.m.

ESTACION: YOLOSBO

RESUMEN MENSUAL Y ANUAL

AÑO: 1983

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS Min.							Humedad					T. del vapor			Nub	Br.	Evaporación	PRECIPITACION						
						Max. Min. Max.			Min.		Med.	Relativa				Min.	Max.	Min	Med.								Días		
	Med	Max.	D.	Min.	D.	7	14	20	Med	Med.	Med.	Abs.	D.	Abs.	D.	Sue.	7	14	20	Med.	Abs.	Abs.	Abs.		Med	Solar		7	14	20	Suma	lluv.	Max.	D.
Enero						17.2	24.0	18.2	19.4	25.4	16.5	28.0	23	15.0	19	15.5	86	60	94	80	40	17.1	10.2	13.6	5.3	5.9	1.0	12.5	0.2	4.7	17.4	6	5.8	5
Febro						17.1	22.8	17.9	18.9	24.7	16.2	27.0	V	15.0	V	14.5	89	69	92	83	40	16.6	10.0	13.8	7.2	4.7	0.8	28.8	11.8	60.1	100.7	17	62.2	19
Marzo						17.5	24.0	18.7	19.7	25.4	16.5	27.8	20	14.5	29	15.1	92	65	95	84	40	17.2	10.0	14.6	8.0	4.4	0.8	76.8	4.5	40.7	122.4	22	16.4	3
Abril						17.3	22.6	18.0	19.0	24.3	16.1	27.0	V	14.5	V	14.6	95	75	96	89	60	17.1	12.0	14.8	8.4	3.6	0.6	246.5	53.2	131.8	437.5	24	54.8	28
Mayo						17.7	23.2	18.6	19.5	24.9	16.6	26.5	V	15.0	11	15.3	95	75	96	88	50	17.8	10.0	15.2	7.9	5.2	0.5	153.6	20.4	43.4	214.2	21	60.8	13
Junio						17.8	23.7	19.1	19.9	24.8	16.8	27.5	29	15.5	30	15.3	91	73	92	85	55	18.0	11.2	15.0	7.5	7.1	0.3	160.2	45.8	19.5	222.3	21	38.3	27
Julio						17.3	23.7	19.0	19.7	25.0	16.1	26.5	28	13.5	17	14.8	87	70	92	83	55	18.0	9.1	14.5	7.6	7.9	0.2	205.3	13.5	10.5	238.5	24	53.7	16
Agsto						17.5	24.5	19.6	20.3	25.5	16.4	27.5	25	14.0	2	15.3	89	70	92	84	55	18.0	11.6	15.0	7.6	8.1	0.3	200.5	8.1	22.2	223.3	23	47.5	1
Spbre						17.4	24.0	19.2	19.9	24.9	16.2	27.0	V	14.5	22	14.7	92	71	95	86	46	18.0	10.6	15.8	7.9	6.8	0.3	486.3	20.2	5.8	511.6	23	76.2	18
Ocbre						17.6	23.6	18.6	19.6	24.6	16.4	26.5	6	14.0	3	15.1	93	73	96	87	61	17.2	12.4	15.1	8.4	5.7	0.2	190.6	11.4	82.7	290.7	24	65.3	15
Nvbre						17.1	22.6	18.2	19.0	23.7	16.2	25.5	V	15.0	16	15.0	96	77	98	90	60	17.8	12.6	15.0	8.1	4.6	0.2	99.1	45.7	84.3	223.2	23	73.1	24
Dcbre						18.0	23.7	19.1	20.0	24.8	17.2	28.0	6	15.5	31	16.1	94	73	95	88	62	17.8	13.1	15.5	8.0	5.3	0.2	50.4	38.3	47.5	136.2	17	37.3	17
MED. ANUAL						17.4	23.8	18.7	19.6	24.8	16.4	27.0	--	14.7	--	15.1	92	71	94	86	52	17.5	11.1	14.8	7.7	5.8	0.5	159.2	22.8	116.2	228.2	245	49.3	—

Precipitación total : 2.738.0

Precipitación máxima : 76.2 - 18 - IX

Días lluviosos : 245

ESTACION: YOLOMBO — FRECUENCIA DE PRECIPITACION Y TEMPERATURAS — AÑO 1.963

MESES	PRECIPITACION																							TEMPERATURAS			
	7 horas más de					14 horas más de					20 horas más de					Total más de							Min. abajo de 15ºC	Min. arriba de 17ºC	Max. abajo de 23ºC	Max. arriba de 27ºC
	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0				
Enero	4	4	--	--	--	1	--	--	--	--	2	1	--	--	--	6	5	3	1	--	--	--	1	8	1	4
Febro	9	5	1	--	--	10	3	--	--	--	11	3	1	1	--	17	9	6	3	1	1	1	4	6	4	3
Marzo	16	14	3	--	--	5	2	--	--	--	9	6	3	--	--	22	17	13	9	5	--	--	4	15	2	4
Abril	17	11	7	7	1	11	7	2	1	--	13	16	4	2	--	24	21	19	18	13	11	1	4	8	9	2
Mayo	17	14	3	2	1	7	4	1	--	--	6	5	1	1	--	21	19	11	9	6	3	1	1	12	3	--
Junio	18	14	5	3	--	7	2	1	1	--	4	1	1	--	--	21	15	13	10	8	5	--	--	15	4	1
Julio	19	14	6	2	1	9	4	--	--	--	2	1	--	--	--	24	18	16	14	11	2	1	5	9	1	--
Agsto	19	15	6	4	--	6	3	--	--	--	5	2	1	--	--	23	16	14	11	7	5	--	3	10	1	3
Spbre	23	21	15	12	1	6	4	--	--	--	2	1	--	--	--	23	21	20	20	16	12	1	5	9	4	2
Ocbre	17	15	5	3	--	8	3	--	--	--	8	5	3	2	--	24	18	16	13	8	4	1	1	10	2	--
Nvbre	17	11	2	1	--	15	11	1	--	--	13	7	2	2	1	23	19	15	11	6	3	1	3	5	9	--
Dcbre	6	4	1	1	--	11	5	2	--	--	5	5	2	1	--	17	12	11	5	4	3	--	--	24	5	1
SUMA ANUAL	182	142	56	35	4	96	48	7	2	--	96	53	18	9	1	245	190	157	125	86	49	7	31	131	45	20

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	2	3	2	3	1	--	-	--	--	1	--	--	--	1	--	--	1	1	1	--	1	1	1	1	7
Febro	3	2	3	2	1	2	2	3	2	--	--	1	2	8	3	5	5	2	5	1	4	3	2	3	17
Marzo	4	4	6	4	5	5	4	2	2	1	1	1	1	1	--	--	6	7	5	6	1	4	6	4	21
Abril	9	9	9	6	4	6	5	3	4	2	3	2	1	4	8	7	5	8	8	12	7	7	7	9	26
Mayo	4	3	6	9	8	6	5	4	2	1	2	1	1	2	1	1	3	4	4	2	3	3	--	2	21
Junio	8	11	9	9	7	8	4	4	3	1	2	2	1	1	--	--	1	2	3	2	4	2	4	8	24
Julio	9	12	9	10	10	7	6	5	3	3	2	2	--	--	--	--	--	1	1	2	4	3	6	6	22
Agsto	5	6	8	13	11	9	8	5	4	3	1	--	--	--	--	--	--	1	4	4	4	3	3	7	21
Spbre	16	15	17	14	12	11	9	5	4	2	2	--	1	1	1	--	--	--	1	1	--	4	7	9	26
Ocbre	6	8	8	11	10	5	7	5	5	3	--	1	1	1	--	1	6	3	4	2	5	7	7	7	24
Nvbre	2	4	6	5	8	7	6	7	3	5	3	6	6	7	7	5	5	3	3	2	2	2	1	3	22
Dcbre	2	--	1	--	2	3	2	2	4	1	2	2	2	1	4	5	3	3	2	1	1	1	1	3	16
SUMA ANUAL	70	78	84	86	79	69	58	45	36	23	18	18	15	30	25	22	34	34	40	35	36	40	45	62	247

ESTACION YOLOMBO — FRECUENCIA DE NUBOSIDAD - BRILLO SOLAR Y VIENTOS — AÑO 1963

MESES	NUBOSIDAD en décimos Bajo 3.0	Más 8.0	BRILLO SOLAR Bajo 0.9	Mas 9.0	NUMERO DE DIAS CON: VIENTOS 7 horas N	NE	E	SE	S	SW	W	NW	C	14 horas N	NE	E	SE	S	SW	W	NW	C	20 horas N	NE	E	SE	S	SW	W	NW	C
Enero	—	4	1	2	12	—	—	—	6	—	—	—	13	4	—	—	—	15	—	—	—	12	21	—	—	—	2	—	—	—	8
Febro	—	11	2	2	8	—	—	—	4	—	—	—	16	12	—	—	—	5	—	—	—	11	19	—	—	—	2	—	—	—	7
Marzo	—	19	6	4	9	—	—	1	5	3	—	—	13	10	2	—	—	11	—	—	—	8	24	—	—	—	3	—	—	—	4
Abril	—	21	5	2	4	—	—	—	17	—	—	—	9	10	—	—	—	15	—	—	—	5	23	—	—	—	5	—	—	—	2
Mayo	—	19	2	2	7	—	—	—	21	—	—	—	3	6	2	—	—	19	—	—	—	4	22	—	—	—	8	—	—	—	1
Junio	—	19	1	10	4	2	—	—	18	1	—	—	5	4	—	—	—	12	—	—	—	14	13	—	—	—	12	—	—	—	5
Julio	—	16	—	13	3	—	—	—	17	—	—	—	11	8	—	—	—	21	—	—	—	2	16	—	—	—	10	—	—	—	5
Agsto	—	15	1	11	3	—	—	—	15	—	—	—	13	7	—	—	—	12	—	—	—	12	20	—	—	—	5	—	—	—	6
Spbre	—	16	1	2	2	—	—	—	13	—	—	—	15	2	—	—	—	18	—	—	—	10	18	—	—	—	5	—	—	—	7
Ocbre	—	20	1	3	5	—	—	—	12	—	—	—	14	6	—	—	—	16	—	—	—	9	14	—	—	—	9	—	—	—	8
Nvbre	—	18	3	—	2	—	—	—	7	1	—	—	20	5	—	—	—	10	—	—	—	15	17	—	—	—	6	—	—	—	7
Dcbre	—	18	3	2	3	—	—	—	11	1	—	—	16	2	1	—	—	15	1	—	—	12	16	—	—	—	6	—	—	—	9
SUMA ANUAL	—	196	26	53	61	2	—	1	146	6	—	—	148	76	5	—	—	169	1	—	—	114	223	—	—	—	73	—	—	—	70

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol 6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	Frecuencia sin sol 6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	--	--	9	6	12	12	12	12	10	6	1	—	31	9	5	5	2	1	--	—	3	3	5	25
Febro	--	2	6	6	4	5	5	4	3	2	3	—	25	10	6	6	7	7	7	3	4	6	7	18
Marzo	—	4	7	7	5	8	7	10	11	6	2	—	26	16	14	16	11	4	7	7	8	12	19	29
Abril	—	1	5	3	5	9	7	6	4	2	2	—	26	17	13	14	12	7	8	8	13	13	21	27
Mayo	—	3	5	6	10	15	13	17	10	5	2	—	27	13	13	9	7	9	5	4	5	9	18	26
Junio	—	10	12	17	20	19	17	22	13	12	6	—	17	9	5	3	3	2	2	3	3	6	13	21
Julio	1	9	16	20	18	19	20	22	22	14	8	1	18	12	8	3	2	1	1	1	1	1	6	15
Agsto	1	6	10	15	20	25	24	25	24	20	10	1	23	12	6	4	2	1	1	1	1	4	3	14
Spbre	—	2	7	12	12	16	16	19	22	16	4	—	28	20	8	7	4	4	3	4	3	1	5	20
Ocbre	—	1	7	10	13	13	19	18	13	11	3	—	30	21	12	8	8	4	4	4	1	4	13	24
Nvbre	—	—	2	3	6	9	10	14	8	7	2	—	30	19	12	10	8	4	5	7	8	7	11	23
Dcbre	—	1	6	7	7	14	14	12	9	9	3	—	30	15	8	6	2	4	3	5	4	7	8	10
SUMA ANUAL	2	39	92	112	132	154	164	181	149	110	46	2	311	173	110	91	68	48	46	47	54	73	129	261

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION YOLOSOBO DE LA PRECIPITACION AÑO 1963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m m	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h: min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	17.4	6	4	5	9	4.9	12.5	2:05'	12:00'	14:05'	5.7	6:30'	0.01	1.8	0.4	6:30'	5.7	0.01	0.8	0.1
Febro	100.7	17	24	10	34	84.2	16.5	25:05'	13:30'	38:35'	58.2	11:35'	0.08	4.0	0.8	11:35'	58.2	0.08	4.0	0.8
Marzo	122.4	22	19	25	44	42.6	79.8	16:30'	34:40'	51:10'	16.4	0:40'	0.41	9.5	1.9	4:40'	4.9	0.01	0.3	0.1
Abril	437.5	24	36	26	62	209.4	228.1	56:10'	12:25'	68:35'	53.8	4:00'	0.22	10.0	2.0	8:40'	20.6	0.03	4.0	0.8
Mayo	214.2	21	12	27	39	47.3	166.9	16:20'	40:55'	57:15'	54.4	1:40'	0.54	8.0	1.6	5:35'	29.7	0.08	4.0	0.8
Junio	222.3	21	12	35	47	34.6	187.7	9:10'	47:10'	56:20'	35.7	4:05'	0.14	4.0	0.8	4:05'	35.7	0.14	4.0	0.8
Julio	238.5	24	6	29	35	26.0	212.5	13:00'	66:00'	79:00'	54.0	7:20'	0.12	5.5	1.1	7:50'	9.4	0.02	0.4	0.1
Agsto	223.3	23	10	30	40	38.8	184.5	12:05'	45:10'	57:15'	35.0	8:30'	0.06	3.0	0.6	8:30'	35.0	0.06	3.0	0.6
Spbre	511.6	23	8	38	46	17.6	494.0	6:25'	91:25'	97:50'	71.4	6:20'	0.18	9.0	1.8	8:40'	26.6	0.05	9.0	1.8
Ocbre	290.7	24	17	31	48	97.1	193.6	26:10'	59:40'	85:50'	46.5	8:45'	0.08	5.5	1.1	8.45'	46.5	0.08	5.5	1.1
Nvbre	223.2	23	30	24	54	125.8	97.4	38:35'	32:55'	71:30'	44.2	3:00'	0.24	10.0	2.0	4:40'	1.9	0.01	0.1	0.0
Dcbre	136.2	17	16	6	22	82.4	53.8	19:20'	8:30'	27:50'	33.2	4.10'	0.13	7.0	1.4	4:10'	33.2	0.13	7.0	1.4
TOTALES	2738.0	245	194	286	480	810.7	1927.3	240:55'	464:20'	705:15'	508.5	66:35'	XX	XX	XX	83:40'	307.4	XX	XX	XX

ESTACION Bertha MES Enero AÑO 19 63 φ = 5º 53' N λ = 73º 26' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	11.4	25.2	14.0	16.1	27.0	10.0	8.5	9.5	12.1	10.8	10.8	95	50	90	78	6.0		--	--	0.3	0.3	3.0	00 0	14 3	00 0
2	12.6	20.4	14.5	15.5	23.0	11.0	9.0	10.5	11.7	11.2	11.1	95	66	89	85	8.7		--	--	1.3	1.4	0.6	00 0	02 2	00 0
3	10.0	23.2	16.0	16.0	25.0	9.0	8.5	6.3	12.8	12.4	10.5	90	58	89	79	5.7		0.1	--	--	--	1.4	00 0	16 2	00 0
4	15.8	26.8	15.0	17.6	26.5	14.5	12.5	12.9	12.8	11.8	12.5	95	55	89	80	7.7		--	--	2.2	2.2	2.0	00 0	16 2	00 0
5	15.6	23.2	16.0	17.2	25.0	12.0	10.8	11.6	12.1	12.6	12.1	95	58	89	81	8.7		--	--	0.2	1.0	1.0	00 0	02 2	00 0
6	12.4	24.0	16.0	17.1	26.0	11.0	9.0	11.0	13.0	12.6	12.2	95	58	89	81	6.3		0.8	--	1.7	12.3	1.4	00 0	16 2	00 0
7	13.8	25.2	14.0	17.0	28.0	12.0	10.5	11.3	12.5	11.0	11.6	95	49	89	78	7.7		10.6	--	17.7	17.7	3.2	00 0	02 1	00 0
8	10.0	26.0	14.0	16.0	26.8	9.0	7.0	8.8	11.9	10.8	10.5	95	47	89	77	5.7		--	--	--	--	1.8	00 0	16 2	00 0
9	13.4	22.6	14.0	16.0	23.5	12.0	11.0	10.8	12.1	11.6	11.5	95	58	89	81	6.7		--	--	--	--	1.0	00 0	00 0	00 0
10	12.2	24.0	15.0	16.5	25.3	11.0	10.0	10.2	12.1	11.6	11.3	95	54	91	80	5.7		--	--	--	--	2.8	00 0	16 2	00 0
11	10.0	23.8	14.0	15.4	25.1	9.0	6.0	8.3	11.6	13.8	10.2	90	52	89	77	5.7		--	--	1.3	1.3	1.4	00 0	16 1	00 0
12	13.2	24.8	16.0	17.5	25.5	12.0	9.5	10.6	11.8	12.6	11.7	94	50	91	78	4.0		--	--	--	--	2.0	00 0	16 2	00 0
13	13.8	25.4	14.0	16.8	27.0	12.0	10.5	11.2	12.3	10.8	11.4	95	50	91	79	3.0		--	--	--	--	4.0	00 0	00 0	00 0
14	13.2	25.0	14.0	16.5	26.0	12.0	10.5	11.1	11.7	10.8	11.2	95	49	91	78	4.3		--	--	--	--	2.0	00 0	14 2	00 0
15	10.2	24.2	16.0	16.8	25.5	9.5	7.6	8.4	11.1	11.7	10.4	90	49	86	75	5.0		--	--	--	0.4	3.8	00 0	00 0	00 0
16	11.2	24.8	12.0	15.0	27.0	10.0	8.0	9.6	11.6	9.9	10.4	95	49	94	79	2.7		0.4	--	--	--	2.0	00 0	16 2	00 0
17	10.0	25.2	10.0	13.8	27.0	7.5	5.5	8.9	11.0	7.9	9.3	90	46	86	74	1.0		--	--	--	--	3.0	00 0	16 2	00 0
18	10.0	24.0	14.0	15.5	25.4	6.0	5.0	8.2	12.0	10.8	10.3	90	53	91	78	1.7	6.8	--	--	--	--	2.4	00 0	16 3	00 0
19	17.0	24.8	13.0	16.7	25.5	6.0	4.8	8.9	10.2	10.1	9.7	89	44	91	75	2.0	7.0	--	--	--	--	3.2	00 0	14 1	00 0
20	10.5	25.2	15.0	16.4	27.0	6.5	4.8	8.5	10.1	11.6	10.1	89	42	91	77	2.3	7.3	--	--	--	--	4.0	00 0	16 2	00 0
21	10.6	25.2	15.0	16.4	27.0	6.5	4.0	11.0	11.2	11.6	11.3	94	47	89	77	4.7	7.3	--	--	--	--	3.2	00 0	16 2	00 0
22	12.8	26.6	16.0	17.8	28.0	11.5	9.5	10.6	10.4	11.7	10.9	96	40	86	74	5.0	5.6	--	--	--	--	2.2	00 0	08 1	00 0
23	10.0	25.0	16.0	16.7	27.0	7.0	4.5	8.2	10.1	12.6	10.3	89	43	91	74	3.3	7.2	--	--	4.7	4.7	4.0	00 0	16 2	00 0
24	11.0	26.6	14.0	15.9	26.5	9.6	7.5	9.0	11.1	10.8	10.3	91	48	91	77	4.7	5.8	--	--	--	--	3.2	00 0	14 2	00 0
25	10.4	24.6	15.0	16.2	26.5	9.0	7.5	9.0	11.1	11.6	10.6	95	48	91	78	3.7	6.9	--	--	--	--	2.0	00 0	14 2	00 0
26	11.4	24.4	15.5	16.7	25.5	10.5	7.8	10.0	11.5	12.6	11.4	96	50	94	80	3.7	6.8	--	--	--	--	2.4	00 0	16 2	00 0
27	10.4	25.6	14.5	16.2	27.0	9.0	7.5	9.0	10.4	11.8	10.4	95	42	91	76	6.3	5.1	--	--	8.2	8.3	1.6	00 0	16 2	00 0
28	12.6	24.0	15.0	16.6	25.5	11.0	9.2	11.0	11.8	11.7	11.5	95	52	91	79	6.3	4.4	0.1	--	1.2	1.2	1.8	00 0	16 2	00 0
29	13.2	25.0	14.0	16.5	25.6	12.0	10.0	10.6	10.0	11.7	10.8	96	42	91	76	6.0	7.0	--	--	--	--	2.6	00 0	16 2	00 0
30	10.8	26.2	15.0	16.7	27.5	9.0	7.0	9.1	10.2	11.8	10.4	96	40	91	76	3.7	7.1	--	--	--	--	2.6	00 0	16 2	00 0
31	10.4	24.6	17.2	17.3	26.5	9.0	7.0	9.3	10.0	13.7	11.0	96	44	93	78	6.7	7.0	--	--	--	8.4	2.4	00 0	02 0	00 0
MED.	11.9	24.8	14.6	16.4	26.2	10.2	8.1	9.8	11.4	11.4	10.9	94	49	90	78	5.0	(6.5)	0.4	--	1.2	1.9	2.3	-- -	-- -	-- -

Total 59.2 m.m.

Edit. Canicafé 25

ESTACION Bertha MES Febrero AÑO 1963 φ = 50 53' N λ = 73º 26' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	10.2	24.5	16.1	16.7	25.6	9.5	8.8	8.5	10.5	12.7	10.6	92	46	92	77	4.0	3.6	8.4	—	0.1	0.1	1.0	00 0	14 3	00 0
2	14.0	22.0	17.0	17.5	23.0	13.0	11.8	10.8	13.8	13.1	12.6	90	55	90	78	10.0	—	—	—	—	—	1.0	00 0	00 0	00 0
3	15.0	24.0	16.0	17.7	25.0	14.0	12.8	11.5	13.0	12.1	12.2	90	58	89	79	8.3	3.2	—	0.4	0.7	0.8	2.0	00 0	00 0	00 0
4	12.5	25.0	15.0	16.9	26.3	10.0	8.0	10.3	11.7	11.7	11.2	95	49	91	78	10.0	—	—	—	10.3	11.1	2.4	00 0	14 1	00 0
5	13.9	22.0	16.5	17.2	24.5	10.0	7.5	11.0	11.6	11.6	11.4	90	58	84	77	9.0	5.3	0.8	—	—	—	2.6	00 0	14 2	00 0
6	14.8	22.0	16.0	17.2	23.2	13.0	11.0	11.6	12.1	12.3	12.0	91	61	91	81	8.7	4.6	—	—	—	—	0.6	00 0	14 2	00 0
7	14.2	24.0	17.0	18.0	26.5	12.0	11.0	12.0	11.8	12.8	12.2	98	53	91	81	8.7	7.3	—	—	—	2.0	1.6	00 0	02 2	00 0
8	13.6	23.5	16.0	17.3	25.0	12.0	10.0	10.1	12.1	12.0	11.4	86	65	89	77	9.7	2.5	2.0	0.7	1.2	2.0	0.6	00 0	14 2	00 0
9	13.0	20.0	16.0	16.2	23.0	11.5	10.0	10.7	11.0	12.4	11.4	96	62	91	83	8.0	5.2	0.1	—	—	—	1.2	00 0	00 0	00 0
10	12.0	23.0	13.0	16.5	25.0	10.0	8.5	10.0	13.2	10.0	11.1	95	63	91	83	10.0	1.6	—	—	—	39.2	1.2	00 0	00 0	00 0
11	10.9	25.0	12.0	15.0	27.0	10.0	9.1	9.3	12.5	10.1	10.6	98	52	91	80	7.0	5.0	39.2	—	—	—	2.6	00 0	02 2	00 0
12	14.6	23.7	14.0	16.6	24.8	12.4	11.0	12.2	9.0	10.8	10.7	94	41	91	75	7.3	4.3	—	0.1	0.9	1.0	1.2	00 0	14 1	00 0
13	14.5	23.0	17.0	16.9	25.0	13.0	12.0	12.1	11.9	11.6	11.9	98	57	90	82	5.0	8.3	—	—	—	—	3.6	00 0	14 1	00 0
14	13.0	23.0	17.0	17.5	25.0	11.0	9.0	10.5	10.6	12.6	11.2	95	50	91	79	5.0	5.5	—	—	—	—	2.6	00 0	00 0	00 0
15	10.8	24.8	15.5	16.6	25.6	9.0	8.0	9.3	11.2	11.6	10.7	96	48	91	78	4.7	8.0	—	—	—	—	3.2	00 0	02 3	00 0
16	13.4	23.0	18.0	18.1	25.0	10.0	9.0	11.0	13.2	13.6	12.6	96	63	90	83	5.3	6.6	—	—	—	—	2.6	00 0	14 2	00 0
17	13.0	23.0	15.0	16.5	24.5	12.0	10.6	10.1	11.3	11.6	11.0	90	53	91	78	5.3	0.8	—	—	0.3	5.1	2.0	00 0	00 0	00 0
18	13.9	22.8	15.0	16.7	23.0	13.0	11.0	11.6	12.5	11.6	11.9	98	60	91	83	5.7	1.0	4.8	—	—	—	1.2	00 0	00 0	00 0
19	14.0	20.0	15.6	16.3	21.6	13.0	12.0	11.7	11.0	11.3	11.3	98	62	85	82	9.7	—	—	—	—	3.0	1.2	00 0	00 0	00 0
20	13.0	18.0	17.0	16.2	22.2	12.0	10.0	10.0	13.4	12.7	12.0	89	90	90	90	9.7	3.0	3.0	—	—	26.1	1.0	00 0	00 0	00 0
21	13.3	24.0	16.0	17.3	25.6	12.5	10.0	11.1	11.5	12.4	11.7	96	53	89	79	9.7	3.7	26.1	—	—	2.0	1.0	00 0	00 0	00 0
22	14.4	24.2	16.0	17.6	25.0	13.6	12.0	11.6	11.4	12.6	11.9	98	50	91	80	8.7	2.9	2.0	—	—	0.5	0.4	00 0	00 0	00 0
23	12.3	22.0	14.0	15.6	23.0	12.0	10.0	10.4	11.4	10.7	10.8	97	58	91	82	9.0	5.2	0.5	—	—	2.0	1.6	00 0	16 1	00 0
24	12.5	24.0	15.0	16.6	25.0	11.0	9.5	10.6	11.6	11.4	11.2	94	58	91	81	8.7	8.1	2.0	—	—	1.5	1.8	00 0	14 1	00 0
25	14.0	23.0	17.0	17.7	24.0	12.0	11.0	11.3	10.7	12.7	11.6	98	52	90	80	7.3	4.1	1.5	—	—	—	2.4	00 0	00 0	00 0
26	13.6	25.2	16.0	17.7	26.3	12.5	10.5	11.6	11.8	12.4	11.9	97	49	90	79	3.7	5.9	—	—	—	—	2.8	00 0	02 2	00 0
27	12.7	23.6	15.0	16.6	24.5	11.0	9.5	10.8	12.3	11.4	11.5	98	60	91	83	8.7	6.4	—	—	—	—	1.0	00 0	14 2	00 0
28	14.8	26.0	14.0	17.2	28.0	13.0	11.0	11.7	11.2	10.5	11.1	93	44	88	75	8.0	7.2	—	—	—	—	3.6	00 0	00 0	00 0
29																									
30																									
31																									
MED.	13.3	23.2	15.5	16.9	24.7	11.7	10.2	10.8	11.8	11.9	11.5	94	56	90	80	7.7	4.3	3.2	—	0.5	3.4	1.7	— —	——	— —

Total 96.4 m.m.

Edit. Comicafé 25

ESTACION Bertha MES Marzo AÑO 1963 Φ = 50 53' N λ = 73° 26' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	11.4	26.0	18.0	18.3	27.6	10.0	8.0	10.0	10.0	12.7	10.9	98	40	85	74	3.7	7.4	--	--	--	--	2.6	00 0	12 2	00 0
2	15.2	24.0	16.0	17.8	25.3	12.8	10.6	12.7	10.2	12.4	11.8	98	46	91	78	8.3	5.6	--	--	--	--	3.0	00 0	00 0	00 0
3	13.0	24.0	18.0	18.2	26.0	11.0	9.5	10.7	11.6	14.0	12.1	96	53	91	80	9.0	4.8	--	--	--	--	2.6	00 0	14 2	00 0
4	16.4	23.0	14.0	16.8	25.0	14.0	12.0	13.7	10.2	10.6	11.5	98	49	95	81	8.3	5.4	--	--	--	--	2.0	00 0	14 2	00 0
5	10.9	25.0	16.6	17.3	26.0	10.0	8.0	9.5	13.4	12.9	11.9	98	56	90	81	6.7	8.1	--	--	--	15.5	3.0	00 0	14 2	00 0
6	13.4	25.0	17.0	18.1	27.0	10.5	8.5	11.2	9.8	13.1	11.7	98	41	91	77	7.3	4.4	15.5	--	--	--	2.4	00 0	00 0	00 0
7	13.2	26.0	16.0	17.8	27.0	11.5	9.0	11.1	10.0	12.4	11.2	98	40	89	76	9.7	4.0	--	--	--	4.5	2.8	00 0	16 2	00 0
8	12.4	24.8	14.0	16.3	25.0	11.5	10.0	10.4	10.2	10.7	10.4	96	46	89	77	9.0	1.6	4.5	--	11.0	11.0	2.4	00 0	00 0	00 0
9	12.2	24.2	17.0	17.6	25.3	11.0	9.0	9.8	10.4	12.7	12.0	95	46	91	77	9.0	2.6	--	--	--	3.8	1.4	00 0	02 3	00 0
10	14.0	23.0	16.0	17.2	25.0	12.0	10.5	11.5	10.2	12.4	11.4	96	46	91	78	7.3	3.5	3.8	--	--	--	3.0	00 0	16 2	00 0
11	14.6	26.8	17.5	19.1	28.5	12.0	11.0	11.8	10.5	11.3	11.2	94	40	75	70	8.3	8.8	--	--	--	--	3.2	00 0	06 2	00 0
12	12.2	24.8	17.5	18.0	26.5	11.0	9.5	10.0	9.4	12.9	10.8	96	40	86	74	7.7	3.0	--	--	--	8.5	2.0	00 0	02 2	00 0
13	13.8	25.0	17.0	18.2	25.8	12.5	10.0	11.2	11.9	12.3	11.8	96	50	89	78	8.7	4.2	8.5	2.0	12.0	28.2	2.6	00 0	00 0	00 0
14	14.6	24.2	16.0	17.7	26.3	12.8	10.5	11.7	12.6	12.4	12.2	94	55	91	80	8.7	3.6	14.2	--	--	6.6	2.0	00 0	00 0	00 0
15	14.6	28.2	15.0	17.7	26.6	13.5	12.0	11.8	12.8	11.4	12.7	96	50	90	79	9.0	3.2	6.6	10.3	7.7	18.0	2.4	00 0	14 2	00 0
16	13.8	27.0	15.0	17.7	28.3	12.8	11.5	11.6	10.7	11.5	11.3	98	40	90	76	8.0	3.7	--	--	18.8	21.9	3.2	00 0	08 2	00 0
17	14.8	26.9	17.5	19.2	28.0	12.8	10.5	11.8	11.0	12.5	11.8	96	42	86	75	8.0	0.9	3.1	--	5.8	5.8	3.0	00 0	00 0	00 0
18	14.8	17.0	15.0	15.4	22.0	12.0	10.5	11.8	12.7	11.3	11.9	96	88	88	91	9.3	3.6	--	10.0	18.8	28.8	3.4	00 0	00 0	00 0
19	13.2	24.0	16.0	17.3	26.0	12.0	10.6	10.9	12.4	12.4	11.9	96	56	91	81	9.3	3.0	--	--	1.5	1.5	2.0	00 0	16 2	00 0
20	12.8	27.4	17.0	18.5	28.0	11.0	10.0	10.5	11.2	12.7	11.5	95	40	88	74	2.7	7.5	--	--	--	--	3.3	00 0	14 1	00 0
21	10.4	27.2	17.0	17.9	28.5	10.0	8.6	9.4	11.0	12.5	11.0	96	40	86	74	5.3	4.6	--	--	--	1.3	2.8	00 0	00 0	00 0
22	13.8	25.2	16.5	18.0	26.4	12.0	11.0	10.6	12.5	11.6	11.6	98	52	89	79	8.7	4.3	1.3	--	4.0	6.2	2.0	00 0	16 2	00 0
23	14.8	24.5	16.6	18.1	26.0	12.8	11.0	11.6	10.8	11.0	11.1	96	47	89	77	9.0	4.6	2.2	--	28.0	28.0	2.0	00 0	14 3	00 0
24	15.0	26.4	17.0	18.3	26.5	12.8	10.6	12.8	12.0	13.0	12.6	96	52	80	76	7.3	4.4	--	--	15.7	17.8	1.8	00 0	16 1	00 0
25	13.8	24.0	15.0	16.9	25.5	12.6	11.8	11.3	12.7	11.8	11.9	95	57	96	83	8.3	2.9	2.1	--	8.5	22.1	1.2	00 0	00 0	00 0
26	15.2	23.4	17.0	18.1	24.6	13.0	11.5	11.8	12.0	12.7	12.2	96	55	90	80	8.3	2.1	13.6	--	6.5	11.0	1.4	00 0	00 0	00 0
27	13.4	25.8	16.0	17.8	27.0	13.0	10.0	11.0	10.4	11.4	10.9	96	40	84	73	7.7	5.4	4.5	--	--	--	3.0	00 0	06 2	00 0
28	13.6	26.0	18.0	18.9	27.5	12.5	10.5	11.2	12.7	13.2	12.4	96	50	91	79	7.3	4.4	--	--	8.0	8.0	2.8	00 0	02 2	00 0
29	15.4	24.0	17.0	18.4	26.0	14.0	13.1	12.4	12.4	13.1	12.6	96	56	88	80	9.0	5.1	--	--	3.8	3.8	1.2	00 0	00 0	00 0
30	15.2	20.6	14.0	15.9	23.0	13.0	12.0	12.4	10.3	10.3	11.1	96	57	91	81	8.3	2.0	--	--	4.5	4.5	1.4	00 0	00 0	00 0
31	14.8	23.6	17.0	18.1	25.5	13.0	11.5	11.8	11.2	1210	11.7	96	51	88	78	9.3	--	--	--	--	8.5	1.2	00 0	00 0	00 0
MED.	13.8	24.6	16.4	17.8	26.2	12.1	10.4	11.3	11.3	12.2	11.6	96	49	89	78	8.0	4.2	2.6	0.7	5.0	8.6	2.3	--	--	--

Total 265.3 m.m.

ESTACION Bertha MES Abril AÑO 1963 φ = 5° 53' N λ = 73° 26' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.8	21.6	16.0	17.3	23.0	14.0	12.0	12.7	11.4	12.0	12.0	96	61	89	82	10.0	—	8.5	—	—	16.6	1.2	00 0	14 1	00 0
2	14.8	21.0	17.0	17.4	23.5	13.0	11.5	11.5	13.6	12.4	12.5	96	73	90	86	9.3	1.4	16.6	—	2.5	6.5	1.0	00 0	14 2	00 0
3	15.4	22.8	15.0	17.0	24.2	14.0	13.0	12.7	12.5	11.4	12.2	98	60	89	82	9.7	1.7	4.0	—	6.0	12.8	1.8	00 0	16 1	00 0
4	13.5	23.4	17.0	17.7	25.5	12.5	10.8	11.2	11.8	11.0	11.3	94	54	89	79	8.3	2.1	6.8	—	—	1.8	1.0	00 0	12 2	00 0
5	15.6	19.6	16.9	17.2	22.0	14.0	12.5	12.7	12.0	12.3	12.3	96	70	86	84	10.0	—	1.8	0.1	—	0.2	1.8	00 0	00 0	00 0
6	15.8	23.4	16.0	17.8	24.0	13.0	11.0	12.6	12.9	12.0	12.5	96	60	86	87	8.7	3.5	0.1	—	—	4.1	2.0	00 0	16 2	00 0
7	14.8	17.2	13.0	14.5	20.0	13.0	11.5	11.8	12.0	10.0	11.3	96	88	86	90	8.0	—	4.1	—	—	—	0.8	00 0	00 0	00 0
8	13.2	24.2	17.0	17.8	25.0	12.0	10.5	10.0	10.9	12.3	11.1	94	48	85	76	6.0	7.5	—	—	—	—	2.4	00 0	16 2	00 0
9	14.6	22.8	16.0	17.3	24.0	14.0	12.8	11.2	11.0	12.4	11.5	90	56	91	79	9.0	3.5	—	—	—	2.2	2.0	00 0	16 2	00 0
10	14.8	23.4	16.0	17.5	24.4	13.0	12.0	11.6	11.8	12.3	11.7	96	51	91	79	8.7	5.4	2.2	—	—	4.3	1.8	00 0	02 2	00 0
11	15.2	23.2	17.0	18.1	24.2	14.0	13.0	11.6	11.0	12.3	11.6	90	56	86	77	8.3	4.4	4.3	—	—	2.3	2.2	00 0	14 2	00 0
12	16.0	23.8	17.6	18.7	25.0	14.5	13.0	12.5	12.4	12.7	12.5	94	56	80	77	8.0	5.5	2.3	—	0.2	0.2	2.2	00 0	14 1	00 0
13	15.4	24.0	16.0	17.8	25.5	14.0	12.5	12.7	11.9	12.4	12.3	94	54	89	79	7.0	5.9	—	—	1.0	1.6	2.0	00 0	14 2	00 0
14	14.4	23.8	17.0	18.0	25.4	13.0	11.5	11.0	10.6	11.6	11.1	90	48	86	75	9.0	—	0.6	0.2	2.9	9.6	1.8	00 0	00 0	00 0
15	14.6	24.8	17.0	18.3	25.4	14.0	12.0	11.9	12.7	12.7	12.4	98	58	90	82	6.7	7.5	6.5	—	4.7	21.5	2.0	00 0	16 1	00 0
16	15.2	26.0	16.0	18.3	28.0	14.0	12.5	11.6	14.1	12.0	12.6	92	56	89	78	8.3	6.7	18.8	—	19.9	20.7	1.8	00 0	14 2	00 0
17	13.8	25.4	17.0	18.3	27.0	12.0	10.5	11.0	12.6	12.7	12.1	96	60	90	83	5.7	5.8	0.8	—	12.2	24.7	1.8	00 0	14 2	00 0
18	14.4	25.0	17.0	18.3	26.0	13.0	11.5	11.8	12.5	12.5	12.3	94	54	86	78	8.7	2.8	12.5	—	—	0.9	1.2	00 0	16 2	00 0
19	17.2	25.4	17.6	19.4	25.2	16.0	14.5	14.4	12.7	13.0	13.4	98	52	86	79	8.0	5.7	0.9	—	—	0.6	3.0	00 0	16 2	00 0
20	16.4	23.8	16.0	18.0	25.6	15.0	14.0	13.0	13.3	12.0	12.8	92	60	86	80	9.7	3.6	0.6	—	10.8	30.9	1.2	00 0	00 0	16 2
21	15.2	20.6	16.5	17.2	23.1	14.0	12.0	11.0	10.9	12.0	11.3	90	60	89	80	10.0	2.5	20.1	—	0.3	2.9	1.8	00 0	14 2	00 0
22	14.0	24.8	17.0	18.2	25.3	13.0	12.0	11.0	14.0	12.6	12.5	91	60	89	80	8.0	4.4	2.6	—	—	—	2.0	00 0	14 2	00 0
23	13.8	27.4	15.0	17.8	27.6	13.0	11.5	11.2	12.1	10.7	11.3	96	44	89	76	7.0	2.0	—	—	24.8	32.1	1.4	00 0	08 3	00 0
24	14.4	24.0	14.0	16.6	25.4	13.0	11.0	11.8	14.1	10.5	12.1	96	63	88	82	9.0	2.8	7.9	—	44.5	44.5	1.6	00 0	00 0	00 0
25	14.8	24.2	17.0	18.2	26.6	13.5	10.5	11.0	11.9	12.0	11.6	90	52	86	76	7.0	0.3	—	—	—	—	1.4	00 0	00 0	00 0
26	10.6	25.0	18.0	17.9	27.0	9.8	7.5	10.0	12.2	13.0	11.7	92	51	88	77	6.0	5.0	—	—	0.2	1.0	2.0	00 0	16 1	00 0
27	14.4	23.0	15.0	19.3	25.8	13.0	12.0	11.8	13.2	11.4	12.1	90	63	89	81	8.7	1.5	0.8	0.5	4.9	6.7	1.2	00 0	00 0	00 0
28	14.8	22.8	17.0	17.9	25.0	13.0	12.0	12.1	12.5	12.7	12.4	98	60	88	82	9.3	2.9	1.3	0.1	9.3	34.0	1.2	00 0	02 2	00 0
29	14.8	20.8	16.0	16.9	21.0	13.0	11.5	11.3	12.4	12.0	11.9	92	69	86	82	10.0	—	26.6	0.7	11.5	13.1	0.6	00 0	00 0	00 0
30	15.6	22.8	16.0	17.6	25.0	14.5	12.5	12.3	11.2	12.7	12.1	96	56	90	81	8.3	6.4	0.9	—	12.7	14.2	1.4	00 0	14 2	00 0
31																									
MED.	14.8	23.3	16.3	17.7	24.9	13.4	11.8	11.8	12.2	12.0	12.0	94	58	88	80	8.3	3.4	5.0	0.1	5.6	10.4	1.6	— —	— —	— —

ESTACION Bertha MES Mayo AÑO 1963 φ = 50 53' N λ = 73° 26' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.4	24.8	15.5	17.8	26.5	14.0	12.5	12.0	12.3	11.2	11.8	92	52	86	77	6.7	3.6	1.5	—	--	—	1.2	00 0	00 0	00 0
2	16.2	23.2	15.0	17.3	25.0	15.0	13.0	13.3	12.6	11.6	12.5	96	58	89	81	7.3	1.3	--	—	—	—	1.4	00 0	14 2	00 0
3	13.4	24.0	15.0	16.8	24.8	12.0	10.5	11.1	11.2	11.0	11.1	95	90	86	90	6.7	2.7	--	--	—	—	1.4	00 0	00 0	00 0
4	15.4	23.4	16.6	18.0	25.0	13.0	11.0	12.6	12.8	12.4	12.6	96	59	89	81	4.0	4.1	--	--	—	—	1.4	00 0	00 0	00 0
5	14.8	21.4	16.0	17.0	25.5	12.5	10.5	11.0	11.1	12.6	11.6	90	60	89	80	6.7	4.0	--	—	0.1	7.4	1.2	00 0	08 1	00 0
6	15.0	24.4	16.0	17.8	26.5	14.0	13.0	12.1	12.2	12.6	12.3	90	53	82	75	10.0	0.6	7.3	—	1.3	4.7	1.0	00 0	00 0	00 0
7	15.6	22.0	16.0	17.4	23.5	14.8	13.0	12.0	11.2	12.0	11.7	90	56	89	78	9.0	1.0	3.4	0.2	—	20.4	0.8	00 0	00 0	00 0
8	15.4	24.6	16.0	18.0	25.5	14.0	13.0	12.6	11.6	11.8	12.0	90	55	86	78	8.7	2.3	29.2	—	2.8	8.2	1.4	00 0	00 0	00 0
9	16.0	23.2	17.0	18.3	25.0	14.5	13.0	12.4	12.6	12.5	12.5	93	58	88	80	8.0	1.1	5.4	—	—	0.6	1.0	00 0	14 2	00 0
10	16.6	21.4	16.0	17.5	23.0	15.0	13.0	13.4	12.4	12.0	12.6	96	85	88	83	10.0	0.1	0.6	—	0.6	4.3	1.0	00 0	14 2	00 0
11	16.0	25.0	16.0	18.2	27.0	15.0	13.5	12.6	11.9	12.4	12.3	96	50	89	78	9.0	4.3	3.7	0.3	0.7	1.5	1.4	00 0	16 2	00 0
12	16.4	23.4	16.0	17.9	25.5	15.0	13.5	13.0	11.2	12.6	12.3	90	54	89	78	9.7	0.9	0.5	0.2	9.4	9.6	0.8	00 0	00 0	00 0
13	15.2	18.8	17.0	17.0	23.0	14.0	13.0	11.9	12.0	12.7	12.2	96	73	90	86	7.7	4.0	—	1.4	—	8.9	1.0	00 0	00 0	00 0
14	15.4	21.4	16.5	17.4	22.0	14.0	12.0	12.6	11.5	11.9	12.0	96	60	84	80	10.0	0.6	7.5	1.0	0.3	26.6	1.0	00 0	00 0	00 0
15	15.0	22.0	17.0	17.7	24.5	14.0	12.5	11.9	13.8	12.7	12.8	96	70	90	85	9.3	2.8	25.3	—	0.6	0.6	1.0	00 0	00 0	00 0
16	16.2	20.0	15.5	16.8	22.5	14.5	13.0	11.9	12.8	12.7	12.5	86	76	96	86	9.7	3.3	—	1.9	1.7	10.4	0.8	00 0	14 2	00 0
17	16.6	25.0	16.0	16.4	25.9	14.5	13.0	13.4	11.9	12.6	12.6	96	50	89	78	9.0	3.0	6.8	—	10.9	53.2	1.4	00 0	00 0	00 0
18	15.2	23.2	16.0	17.6	25.0	14.5	13.0	12.3	12.8	12.0	12.4	93	60	91	81	9.3	2.8	42.3	—	—	3.6	1.0	00 0	00 0	00 0
19	14.4	21.2	14.0	15.9	23.0	12.5	12.0	11.4	11.3	11.6	11.4	98	60	90	83	9.3	0.2	3.6	—	1.8	1.8	0.8	00 0	00 0	00 0
20	14.8	21.4	17.0	17.5	23.5	14.0	12.5	12.1	13.3	13.0	12.8	98	72	86	85	8.0	4.7	—	1.6	—	1.6	1.2	00 0	00 0	00 0
21	16.0	21.8	18.0	18.4	25.0	15.0	13.5	12.7	13.6	12.6	13.0	98	70	87	85	8.0	0.9	—	0.9	10.2	11.2	0.9	00 0	00 0	00 0
22	13.6	27.8	16.0	16.3	28.0	11.5	9.0	11.0	12.5	12.0	11.8	94	45	86	75	3.3	6.7	0.1	—	0.6	0.6	1.8	00 0	08 2	00 0
23	13.0	26.6	17.0	16.4	28.5	11.0	9.0	10.6	11.6	12.7	11.6	95	44	91	77	5.7	5.0	—	—	7.3	7.4	2.0	00 0	00 0	00 0
24	15.6	24.8	16.5	18.3	26.5	14.0	13.0	12.8	11.8	11.6	12.1	96	50	85	77	7.0	1.2	0.1	—	2.9	3.4	2.0	00 0	06 1	00 0
25	13.8	25.4	17.0	18.3	26.5	12.5	11.0	11.0	11.6	12.6	11.7	92	48	88	76	5.7	—	0.5	—	—	—	1.2	00 0	10 2	00 0
26	15.8	23.0	16.0	17.7	25.0	15.0	13.5	12.0	12.6	12.0	12.2	92	60	88	80	7.0	0.9	—	—	--	—	1.4	00 0	14 2	00 0
27	15.0	24.4	17.0	18.3	25.0	14.0	12.5	11.6	11.8	12.7	12.0	90	56	90	79	9.0	3.2	—	0.1	2.0	2.2	1.2	00 0	16 1	00 0
28	16.4	22.2	16.0	17.6	23.5	15.5	14.0	12.2	14.1	12.0	12.8	90	70	86	82	9.7	1.1	0.1	0.3	0.7	1.0	1.0	00 0	00 0	00 0
29	15.4	25.2	17.0	18.6	27.0	13.5	12.0	12.5	12.6	12.7	12.6	98	54	92	81	7.0	5.9	—	—	0.7	0.7	2.0	00 0	14 2	00 0
30	15.6	26.0	17.0	18.9	28.0	14.0	12.0	12.3	14.1	11.9	12.8	92	56	81	76	6.0	5.1	--	—	—	—	2.0	00 0	14 1	00 0
31	16.0	24.2	17.0	18.5	26.6	15.0	13.5	12.1	13.5	12.7	12.8	90	60	80	77	7.7	5.6	—	0.3	4.0	4.3	1.4	00 0	02 3	00 0
MED.	15.3	23.4	16.3	17.8	25.2	14.0	12.4	12.1	12.3	12.2	12.2	94	59	88	80	7.9	2.7	4.4	0.3	1.9	6.6	1.3	--	--	--

Total 203.2 m.m.

Edit. Canicanté 25

ESTACION Bertha MES Junio AÑO 19 63 φ = 50 53' N λ = 73° 26' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	12.4	23.2	17.0	17.4	24.0	11.2	9.5	10.6	12.8	13.2	12.2	90	60	91	80	6.0	0.7	—	0.4	19.6	24.0	1.0	00 0	00 0	06 8
2	15.4	27.0	17.0	19.1	28.5	15.0	12.8	13.6	12.5	12.7	12.6	99	46	90	78	8.0	2.3	4.0	—	2.1	2.1	1.2	00 0	06 2	00 0
3	13.2	23.0	15.5	16.8	25.0	11.5	10.0	10.6	13.3	12.4	12.1	90	64	94	83	8.0	1.1	—	0.1	3.7	3.8	1.0	00 0	00 0	00 0
4	15.8	22.0	15.0	16.9	22.8	14.5	13.0	12.1	13.5	11.4	12.3	90	69	92	84	10.0	—	—	0.2	4.9	5.1	0.8	00 0	16 1	00 0
5	14.6	24.8	14.0	16.8	25.5	13.5	12.0	11.6	13.0	10.5	11.4	96	55	89	80	7.3	2.7	—	—	—	—	1.2	00 0	14 2	00 0
6	12.6	23.8	15.0	16.6	25.5	11.5	10.0	10.4	9.7	11.4	10.5	95	44	89	76	4.0	4.1	—	—	—	—	2.0	00 0	06 2	00 0
7	12.4	26.4	17.0	18.2	28.5	10.8	8.8	10.0	10.8	9.5	10.1	90	42	85	86	4.0	5.1	—	—	—	—	2.8	00 0	10 3	00 0
8	13.0	25.0	15.0	17.0	26.0	11.0	9.5	11.1	9.6	11.6	10.8	95	40	91	75	6.7	0.7	—	—	—	—	1.8	00 0	04 2	00 0
9	14.4	23.6	16.0	17.5	25.5	13.0	11.0	11.8	13.7	10.3	11.9	90	66	88	81	8.7	1.2	—	0.4	26.3	27.8	0.8	00 0	14 2	00 0
10	14.6	21.6	15.0	16.5	23.5	13.5	12.0	11.9	13.0	11.4	12.1	96	65	89	83	7.0	2.3	1.1	0.6	—	0.6	1.0	00 0	16 1	00 0
11	15.8	22.8	15.5	17.4	23.0	14.5	13.0	12.6	11.3	12.0	12.0	96	53	91	80	7.3	3.3	—	—	22.9	38.3	1.0	00 0	00 0	00 0
12	14.2	23.8	16.0	17.5	24.5	13.0	12.0	11.6	13.3	12.4	12.4	96	62	91	83	9.0	2.5	15.4	—	12.0	23.7	0.8	00 0	00 0	00 0
13	15.0	20.0	14.8	16.1	22.0	14.0	12.5	12.1	12.2	11.6	12.0	96	70	91	86	8.7	0.1	11.7	2.2	0.5	2.7	0.4	00 0	00 0	00 0
14	11.6	22.6	15.0	16.0	24.5	10.5	9.0	9.8	11.4	11.6	10.9	95	55	88	79	7.3	5.2	—	—	15.8	15.8	1.4	00 0	00 0	00 0
15	13.8	24.6	15.0	17.1	26.0	11.5	9.0	10.4	13.6	12.3	12.1	90	53	96	80	8.3	3.7	—	—	8.8	8.8	1.0	00 0	14 3	00 0
16	11.4	24.2	15.0	16.4	26.0	10.0	9.0	10.2	13.3	11.6	11.7	96	59	89	81	5.3	4.1	—	—	3.2	3.2	1.0	00 0	00 0	00 0
17	14.2	26.6	15.0	17.7	28.5	13.0	12.0	11.2	11.6	11.6	11.5	93	44	91	76	6.0	5.3	—	—	—	—	1.0	00 0	00 0	00 0
18	11.4	25.8	14.0	16.3	27.5	10.0	8.0	10.1	10.6	10.9	10.5	94	42	89	75	5.3	4.1	—	—	0.4	0.4	1.8	00 0	00 0	00 0
19	12.4	25.0	16.8	17.6	27.0	11.0	7.5	10.3	11.4	12.9	11.5	96	48	91	78	5.0	3.7	—	—	—	—	1.6	00 0	00 0	00 0
20	12.0	24.4	16.0	17.1	26.5	10.5	9.0	9.9	12.6	12.8	11.8	95	55	90	80	7.3	4.3	—	—	6.1	6.1	1.8	00 0	10 1	00 0
21	14.4	23.0	15.5	17.1	24.2	13.5	12.0	11.9	12.6	12.3	12.3	96	58	91	82	9.3	2.6	—	0.1	16.4	16.7	1.2	00 0	00 0	00 0
22	12.0	26.6	16.0	17.6	27.0	10.5	8.0	9.8	10.4	12.6	10.9	90	40	89	73	4.7	7.3	0.2	—	—	—	2.8	00 0	08 2	00 0
23	12.6	24.8	17.0	17.8	26.5	10.5	8.5	10.0	10.0	12.7	10.9	88	45	90	74	5.3	2.6	—	—	—	—	1.8	00 0	08 2	00 0
24	12.6	23.8	15.0	16.6	24.5	11.0	9.0	11.2	12.7	11.4	11.8	90	58	89	79	6.7	3.2	—	—	2.0	2.2	1.6	00 0	14 2	00 0
25	12.4	19.2	14.0	14.9	23.3	11.0	9.5	10.6	11.7	11.3	11.2	94	70	91	85	8.0	1.8	0.2	9.5	3.7	13.3	0.8	00 0	00 0	00 0
26	12.8	23.8	16.0	17.1	25.5	11.0	9.5	10.4	13.7	12.4	12.2	90	64	89	81	9.3	4.4	0.1	—	—	1.5	1.2	00 0	00 0	00 0
27	14.8	24.0	15.0	17.2	24.5	13.5	12.0	12.4	13.5	12.0	12.6	98	60	94	84	7.7	2.5	1.5	—	22.3	22.3	1.0	00 0	16 0	00 0
28	13.6	23.4	15.0	16.7	24.5	12.5	11.0	11.1	10.8	11.4	11.1	95	50	86	77	5.7	1.4	—	—	—	1.7	1.2	00 0	02 1	00 0
29	11.8	24.0	15.0	16.4	26.0	10.0	8.0	9.8	11.6	11.6	11.0	95	53	91	80	9.0	0.8	1.7	—	6.7	6.7	1.8	00 0	00 0	00 0
30	14.0	21.4	15.0	16.3	23.5	11.5	10.0	10.8	13.3	11.6	11.9	95	70	86	84	9.0	2.5	—	—	0.6	0.6	1.0	00 0	00 0	00 0
31																									
MED.	13.4	23.8	15.4	17.0	25.3	11.9	10.2	11.0	12.1	11.8	11.6	94	55	89	79	7.1	2.8	1.2	0.4	5.9	7.6	1.3	— -	— -	— -

Total 227.4 m.m.

Edit. Cassicatí 25

ESTACION Bertha MES Julio AÑO 19 63 φ = 5º 53' N λ = 73º 26' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	11.6	24.0	13.5	15.6	26.0	10.0	8.5	9.7	10.2	10.9	10.3	90	46	96	77	8.3	0.4	—	—	4.4	6.8	1.0	00 0	00 0	00 0
2	13.4	23.4	15.5	16.9	25.5	11.0	9.0	11.1	12.0	11.2	11.4	95	56	88	80	8.0	2.7	2.4	0.1	9.6	11.7	1.2	14 1	00 0	00 0
3	15.4	23.4	17.5	18.4	24.0	14.0	13.0	12.5	13.6	13.6	13.2	96	64	91	84	5.3	1.7	2.0	—	—	—	1.6	00 0	00 0	00 0
4	13.8	24.6	17.0	18.1	26.8	12.0	10.5	11.4	12.6	13.1	12.4	90	54	88	77	5.3	6.9	—	—	0.6	1.9	2.0	00 0	06 2	00 0
5	14.4	26.6	15.0	17.2	26.5	13.0	12.5	11.9	13.2	11.6	12.2	96	58	89	81	7.7	3.4	1.3	—	0.7	6.5	2.0	00 0	02 2	00 0
6	15.8	20.0	16.0	16.9	23.8	14.0	12.5	12.5	14.4	12.7	13.2	90	81	91	87	10.0	2.3	5.8	1.2	1.2	3.8	1.2	00 0	00 0	00 0
7	14.4	21.6	14.5	16.2	25.0	13.0	12.0	11.9	14.2	11.1	12.4	90	75	90	85	10.0	5.3	1.4	0.9	0.2	1.1	0.8	00 0	00 0	00 0
8	11.4	24.0	13.0	15.3	26.0	10.0	8.5	9.8	10.2	10.0	10.0	95	46	88	76	9.3	3.9	—	—	1.4	1.4	1.2	00 0	06 1	00 0
9	12.0	23.8	13.0	15.4	25.5	11.0	10.0	9.8	13.4	10.3	11.2	95	61	92	83	9.3	2.9	—	—	8.0	8.1	1.0	00 0	00 0	00 0
10	11.4	17.2	14.0	14.1	21.0	10.0	8.5	9.9	12.7	10.8	11.1	93	88	89	90	7.7	1.7	0.1	6.6	—	6.6	0.6	00 0	00 0	00 0
11	13.6	22.0	13.0	15.4	23.0	12.0	10.5	10.6	11.9	10.0	10.8	92	60	89	80	8.0	2.1	—	—	11.6	11.6	1.0	00 0	00 0	00 0
12	11.0	22.0	13.0	14.7	23.0	10.0	9.0	8.9	9.8	10.0	9.6	95	50	88	78	7.3	5.0	—	—	2.6	2.6	1.2	00 0	16 1	00 0
13	13.4	23.6	13.0	15.7	24.0	12.0	11.0	10.9	10.8	9.9	10.5	95	52	88	78	5.3	2.5	—	—	0.2	0.2	1.0	00 0	14 2	00 0
14	11.8	24.8	16.0	17.1	25.5	10.0	9.0	9.8	12.3	12.4	11.5	93	52	89	78	6.3	6.8	—	—	1.3	1.3	1.2	00 0	16 2	00 0
15	15.2	18.8	13.0	15.0	22.6	13.0	11.5	10.6	13.3	10.1	11.3	90	83	89	87	6.0	3.4	—	6.0	2.1	8.1	0.4	00 0	00 0	00 0
16	12.0	18.6	15.0	15.1	23.0	11.0	9.5	9.8	12.2	11.4	11.1	95	76	89	87	7.0	5.3	—	5.0	4.5	12.0	0.9	00 0	00 0	00 0
17	14.4	26.0	15.0	17.5	28.0	13.0	12.0	11.7	10.6	11.9	11.4	96	42	91	76	6.0	3.9	2.5	—	—	—	2.0	00 0	00 0	08 1
18	14.0	24.4	15.0	17.1	26.0	12.0	10.0	11.6	9.7	11.6	11.0	90	42	91	74	7.0	4.3	—	—	—	8.2	1.8	00 0	08 2	00 0
19	14.8	22.4	14.5	16.5	23.6	13.5	12.0	12.1	12.1	11.0	11.7	96	60	91	82	7.0	0.5	8.2	—	0.3	2.1	1.2	00 0	14 2	00 0
20	12.0	24.2	14.0	16.0	25.0	11.0	9.5	9.8	11.4	11.0	10.7	96	50	91	79	6.3	5.3	1.8	—	0.7	4.7	1.6	00 0	00 0	00 0
21	14.4	23.2	15.0	16.9	25.0	13.0	12.0	11.8	12.6	11.7	12.0	96	58	89	81	7.3	4.3	4.0	0.1	1.5	3.3	1.2	00 0	02 1	00 0
22	14.2	25.8	13.6	16.8	27.0	12.0	15.0	11.0	10.6	10.3	10.6	90	43	88	74	8.0	3.4	1.7	—	7.6	7.6	1.2	00 0	08 1	00 0
23	11.6	24.4	18.0	18.0	25.0	10.0	9.0	9.9	12.9	13.7	12.2	95	56	90	80	5.7	3.8	—	—	—	—	1.8	00 0	08 4	00 0
24	13.4	22.2	15.0	16.4	25.0	11.8	10.0	10.1	8.2	11.4	9.9	89	40	89	73	3.3	8.0	—	—	—	—	1.8	00 0	04 1	00 0
25	13.2	24.4	15.0	16.9	26.5	11.0	8.5	10.1	9.2	11.6	10.3	88	40	89	72	7.0	5.1	—	—	—	—	2.6	00 0	04 2	08 1
26	11.0	23.4	16.0	16.6	25.0	11.0	8.5	9.3	9.5	12.4	10.4	95	44	91	77	5.3	4.8	—	—	1.3	1.3	1.0	00 0	16 2	00 0
27	13.0	22.8	13.5	15.7	25.0	10.8	9.0	10.7	12.7	10.2	11.2	95	60	91	82	9.0	1.5	—	0.4	5.8	6.5	0.6	00 0	00 0	00 0
28	12.0	23.8	14.5	16.2	25.5	11.0	9.5	9.9	12.5	10.5	11.0	97	56	89	81	7.0	3.7	0.3	0.2	3.1	3.3	1.2	00 0	16 2	00 0
29	10.8	21.0	12.5	16.7	23.0	10.0	9.0	9.3	14.0	10.2	11.2	96	76	94	89	6.0	3.9	—	9.9	4.2	14.1	0.4	00 0	00 0	00 0
30	12.8	16.4	13.0	13.8	20.0	11.5	10.0	11.0	12.4	10.3	11.2	95	86	89	90	4.3	5.2	—	6.9	3.3	10.3	1.0	00 0	00 0	00 0
31	12.8	22.8	13.4	15.6	25.0	11.0	10.0	10.4	13.7	10.3	11.5	95	63	93	84	8.0	4.2	0.1	0.1	7.1	7.2	1.2	00 0	14 2	00 0
MED.	13.1	22.7	14.5	16.2	24.7	11.6	10.1	10.6	11.9	11.2	11.2	93	59	90	81	7.0	3.8	6.0	1.2	2.7	4.9	1.2	— —	— —	— —

Total 152.3 m.m.

Edit. Comicrit 25

ESTACION Bertha MES Agosto AÑO 19 63 φ = 5º 53' N λ = 73º 25' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	12.4	22.8	13.0	15.3	25.5	11.4	10.0	10.6	11.0	10.1	10.6	95	52	90	79	10.0	3.1	—	—	7.1	13.9	1.2	00 0	00 0	00 0
2	15.0	21.0	13.5	15.7	23.0	11.8	10.0	11.9	12.4	10.9	11.7	96	65	94	85	7.0	0.8	6.8	0.2	1.2	1.4	0.6	00 0	02 2	00 0
3	12.4	24.4	16.0	17.2	26.5	11.4	9.5	10.4	11.8	12.3	11.5	95	54	89	79	5.3	5.4	—	—	3.2	3.3	1.4	00 0	14 2	00 0
4	12.6	26.0	17.0	17.6	26.0	11.5	10.0	10.4	11.7	12.8	11.6	95	53	91	80	7.0	5.9	0.1	0.3	4.8	5.1	1.2	00 0	00 0	00 0
5	13.6	23.2	15.9	16.7	25.5	12.0	10.5	11.2	9.6	11.6	10.8	96	45	89	77	7.3	--	--	—	—	—	0.8	00 0	08 2	00 0
6	12.8	22.6	17.0	17.3	24.5	12.0	9.5	11.8	11.6	13.7	12.4	90	56	94	80	6.3	2.0	—	—	—	—	1.6	00 0	00 0	00 0
7	11.4	24.0	15.0	16.3	26.0	10.0	9.0	9.9	10.0	11.6	10.5	95	45	91	77	6.3	4.9	—	—	22.5	22.9	1.6	00 0	00 0	00 0
8	11.2	22.0	16.9	16.3	24.0	10.5	9.0	9.9	11.9	12.6	11.5	98	60	91	83	5.0	3.1	0.4	0.2	11.3	13.3	1.0	00 0	00 0	00 0
9	15.4	20.8	15.0	16.5	23.2	14.0	13.9	12.6	12.8	12.8	12.7	96	70	100	89	6.0	2.0	1.8	3.5	3.0	6.5	0.4	16 2	16 1	16 1
10	13.2	20.2	17.0	16.8	22.5	12.0	10.5	11.1	13.7	13.1	12.6	98	77	94	90	4.3	4.6	—	0.6	—	0.6	1.0	16 2	16 2	06 2
11	12.4	27.8	18.0	19.0	29.5	10.5	9.5	10.4	11.1	13.4	11.6	96	40	90	75	7.0	6.9	—	—	—	—	2.6	16 2	10 2	00 0
12	12.6	25.4	15.0	17.0	27.6	11.0	10.0	10.4	9.8	12.5	10.9	98	40	90	76	9.0	5.2	—	—	—	—	2.6	16 2	16 2	06 2
13	11.8	25.4	16.0	17.3	27.5	11.0	9.0	9.8	9.8	12.4	10.7	95	40	86	74	8.3	5.6	—	—	—	—	2.0	16 2	10 2	06 2
14	10.6	25.4	17.0	17.5	27.4	9.5	8.1	8.8	11.2	12.7	10.9	95	46	90	77	7.3	5.1	—	—	7.9	9.2	1.8	16 2	14 2	16 2
15	13.4	25.1	17.8	18.5	28.8	12.5	10.0	11.3	13.3	12.8	12.5	99	56	85	80	6.0	3.0	1.3	—	—	—	0.8	00 0	00 0	00 0
16	15.3	25.2	17.0	18.6	26.0	13.3	10.0	11.8	9.6	12.9	11.1	86	40	82	69	6.3	2.7	—	—	—	—	1.2	00 0	06 2	00 0
17	13.3	21.1	18.0	17.6	25.8	11.5	10.0	11.3	11.1	12.4	11.6	98	60	80	79	7.3	4.1	—	—	—	—	1.2	00 0	06 2	00 0
18	10.0	26.0	21.6	19.8	27.0	8.9	8.0	9.1	10.0	11.4	10.2	99	40	58	66	7.7	3.3	—	0.1	0.2	0.9	1.4	00 0	16 2	00 0
19	14.2	23.8	21.0	20.0	27.0	10.0	8.8	11.6	10.6	14.2	12.1	95	48	76	73	9.7	5.8	0.6	—	9.2	11.5	0.8	00 0	16 2	00 0
20	14.8	22.2	15.0	16.7	25.1	13.0	12.4	11.7	12.0	11.6	11.8	93	60	91	81	7.0	3.9	2.3	—	2.3	2.3	0.7	00 0	00 0	00 0
21	11.8	25.0	18.0	18.2	26.0	10.0	9.0	9.9	13.8	13.5	12.4	95	58	91	81	6.0	4.2	—	—	1.4	1.5	0.1	00 0	14 2	00 0
22	15.3	26.2	17.4	19.1	27.1	14.0	11.0	12.6	11.5	11.5	11.9	97	45	80	74	6.0	6.8	0.1	—	3.2	3.2	1.2	00 0	16 2	00 0
23	15.1	26.0	21.2	20.9	27.0	14.0	12.0	12.7	11.6	15.1	13.1	99	46	80	75	8.0	6.6	—	—	0.1	5.1	1.8	00 0	18 2	00 0
24	15.1	23.2	18.9	19.0	27.5	13.1	11.5	11.6	11.2	15.1	12.6	92	52	91	78	6.0	2.0	5.0	—	—	—	1.2	16 1	00 0	00 0
25	15.2	24.1	17.3	18.5	28.1	13.1	12.5	11.7	11.4	12.9	12.0	92	50	88	77	3.7	6.6	—	—	—	1.6	2.0	00 0	00 0	00 0
26	15.4	23.2	18.4	18.8	28.1	13.3	12.0	12.6	12.8	12.4	12.6	97	60	77	78	8.7	1.9	1.6	—	—	—	1.2	00 0	16 2	00 0
27	14.1	17.2	18.0	16.8	25.0	13.0	12.5	11.8	14.4	14.0	13.4	99	98	91	96	8.3	2.6	—	0.3	—	0.3	1.2	00 0	00 0	14 2
28	14.3	26.3	17.0	18.6	27.1	13.5	13.0	11.9	10.2	13.2	11.8	96	40	91	76	3.3	7.3	—	—	—	—	2.5	00 0	08 2	16 1
29	13.3	28.4	18.0	19.4	30.0	12.0	10.0	11.1	11.7	13.4	12.1	98	40	86	75	6.3	7.5	—	—	—	—	2.5	00 0	10 3	12 1
30	13.0	25.4	18.0	18.6	26.5	11.0	10.0	10.1	9.8	13.0	11.0	90	40	84	71	6.7	6.0	—	—	—	—	1.8	00 0	16 3	00 0
31	15.4	25.2	18.0	19.1	28.1	12.1	11.0	12.6	12.1	13.6	12.8	96	50	83	78	7.3	3.8	—	1.3	1.2	4.0	2.4	00 0	00 0	00 0
MED.	13.4	23.9	17.1	17.9	26.5	11.8	10.4	11.1	11.5	12.7	11.8	95	52	87	79	6.8	4.3	0.6	0.2	2.5	3.4	1.4	--	--	--

Total 106.6 m.m.

ESTACION Bertha MES Septiembre AÑO 1963 φ = 5° 53' N λ = 73° 26' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	13.1	25.4	18.4	18.8	28.6	11.2	11.0	11.1	10.2	13.5	11.6	99	42	85	75	4.7	7.3	4.5	—	—	—	2.5	02 2	16 2	16 2
2	13.3	23.2	18.0	18.1	26.5	11.8	10.0	10.4	13.1	13.7	12.4	95	63	90	83	8.3	3.9	—	—	—	—	2.0	00 0	00 0	00 0
3	15.2	27.2	16.1	18.8	29.5	13.7	12.0	11.6	12.3	12.4	12.1	91	45	92	76	4.0	7.6	—	—	—	—	2.4	00 0	14 2	00 0
4	10.8	27.8	17.3	18.3	28.5	10.0	8.2	8.8	11.7	12.2	10.9	91	42	82	72	9.0	5.4	—	—	—	—	1.7	16 2	14 2	00 0
5	15.4	25.2	18.6	19.1	27.0	14.0	13.0	12.7	10.3	13.8	12.3	96	43	90	76	7.0	4.0	—	—	—	—	2.0	00 0	12 2	00 0
6	13.4	24.0	18.3	18.5	25.0	12.5	11.5	11.4	10.0	13.9	11.8	99	45	88	77	7.0	0.2	—	—	—	—	2.0	00 0	12 3	00 0
7	15.1	24.2	18.2	18.9	26.0	13.0	12.3	11.6	11.9	14.5	12.7	92	52	93	79	5.3	3.0	—	—	—	—	2.0	00 0	00 0	00 0
8	14.4	24.4	18.0	18.7	26.0	13.0	12.5	11.5	13.1	12.4	12.3	94	57	81	77	3.7	5.9	—	0.2	0.5	1.3	1.0	00 0	00 0	00 0
9	15.0	24.4	18.7	19.2	27.0	12.8	11.0	12.4	12.2	14.7	13.1	97	53	91	80	8.0	1.0	0.6	—	1.8	1.8	1.2	00 0	00 0	00 0
10	13.3	26.0	18.0	18.8	27.5	12.5	11.6	11.3	11.6	13.6	12.2	98	46	90	78	10.0	1.6	—	—	—	—	1.2	00 0	00 0	00 0
11	13.4	25.0	17.2	18.2	28.5	11.0	10.6	10.8	10.4	13.2	11.5	93	44	90	76	7.0	6.5	—	3.2	0.3	3.5	2.0	00 0	00 0	00 0
12	13.2	23.2	17.4	17.8	26.0	11.0	10.4	11.3	12.8	12.7	12.3	98	60	90	83	6.7	2.2	—	—	—	—	1.2	00 0	00 0	00 0
13	14.2	24.0	17.0	18.0	25.0	12.5	11.0	11.9	12.4	13.1	12.5	98	55	91	81	7.0	2.4	—	1.0	0.1	6.8	1.2	00 0	00 0	00 0
14	13.3	24.5	17.1	18.0	26.0	13.0	12.1	11.3	11.6	12.9	11.9	99	50	91	80	5.7	5.9	5.7	—	—	—	1.4	00 0	00 0	00 0
15	14.0	25.0	16.3	17.9	29.5	13.5	12.0	10.9	11.1	13.6	11.9	92	47	97	79	6.0	—	—	—	9.9	9.9	2.0	00 0	00 0	16 1
16	15.3	26.2	18.0	19.4	28.0	13.5	12.1	12.7	10.2	13.7	12.2	99	40	89	76	5.7	5.4	—	—	—	—	2.0	00 0	10 2	00 0
17	14.0	23.0	17.3	17.9	26.0	12.5	11.0	11.3	12.2	14.5	12.7	98	56	97	84	9.3	1.3	—	—	4.5	4.5	1.4	00 0	04 1	00 0
18	14.3	22.2	17.4	17.8	23.5	13.5	12.1	11.9	14.3	14.2	13.5	97	70	96	88	9.0	1.0	—	0.9	—	3.6	0.5	00 0	00 0	00 0
19	15.4	20.0	14.3	16.0	21.5	14.5	13.6	12.8	14.1	11.8	12.9	99	80	96	92	8.0	1.4	2.7	2.2	1.9	4.2	0.5	00 0	00 0	00 0
20	11.3	25.0	14.2	16.2	26.0	10.6	10.0	10.2	11.9	10.9	11.0	97	50	94	80	7.7	5.0	0.1	0.1	6.5	6.6	0.8	00 0	00 0	00 0
21	11.0	24.0	16.4	16.9	25.6	10.0	9.4	10.0	10.0	12.3	10.8	98	45	88	77	9.0	4.0	—	—	12.1	12.1	0.6	00 0	00 0	00 0
22	14.1	22.0	18.1	18.1	26.0	12.0	11.0	11.0	13.1	14.1	12.7	91	66	92	83	8.0	2.8	—	—	—	26.6	1.2	00 0	00 0	00 0
23	15.4	23.0	15.4	17.3	25.0	14.0	13.1	11.7	14.0	12.5	12.7	93	66	98	86	8.3	5.5	24.6	—	9.7	9.1	2.0	00 0	00 0	00 0
24	14.0	25.0	18.0	18.7	26.0	12.0	11.0	10.9	10.0	14.3	11.7	90	42	93	75	7.7	5.3	—	—	0.5	0.8	2.0	00 0	00 0	00 0
25	15.3	25.3	15.4	17.8	26.0	15.0	14.1	12.4	12.4	12.7	12.5	97	50	98	82	7.7	5.8	0.3	—	1.4	6.9	1.2	00 0	00 0	00 0
26	14.2	24.0	17.4	18.2	25.0	13.8	12.7	10.6	12.0	14.6	12.4	91	53	97	80	5.0	5.2	5.5	—	0.6	0.6	1.5	00 0	00 0	00 0
27	15.1	23.4	18.1	18.7	27.0	14.6	13.7	11.6	14.4	14.3	13.4	91	57	91	80	5.0	5.5	—	—	—	—	2.0	00 0	00 0	00 0
28	14.3	24.1	18.0	18.6	28.5	14.0	13.1	11.9	11.9	12.0	11.9	97	52	91	80	5.7	5.0	—	—	0.1	0.2	2.0	00 0	00 0	00 0
29	12.8	24.3	16.3	17.4	25.0	11.0	10.0	10.6	10.4	13.2	11.4	98	46	97	80	8.0	2.1	0.1	—	2.4	2.4	0.7	00 0	00 0	00 0
30	15.2	23.0	18.0	18.5	25.1	11.1	10.3	12.4	10.8	14.3	12.5	98	51	90	80	5.7	6.3	—	—	0.2	4.0	1.2	00 0	00 0	00 0
31																									
MED.	14.0	24.3	17.2	18.1	26.4	12.6	11.5	11.4	11.9	13.3	12.2	96	52	92	80	7.0	3.9	1.4	0.2	1.7	3.4	1.5	— —	— —	— —

Total 10 2.9 m.m.

Edit. Canicatí 25

ESTACION Bertha MES Octubre AÑO 1963 φ = 52° 53' N λ = 73° 26' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.2	25.1	16.4	18.3	26.0	14.0	13.1	11.6	11.9	13.7	12.4	92	50	98	80	5.7	6.6	3.6	—	18.0	34.0	1.0	00 0	00 0	00 0
2	14.0	24.0	18.2	18.6	25.0	11.8	10.0	11.1	12.4	14.2	12.6	93	55	91	80	7.3	6.8	16.0	—	1.5	2.9	1.0	00 0	00 0	00 0
3	15.0	23.0	18.3	18.6	24.6	14.0	13.0	11.1	12.2	14.0	12.4	86	58	87	87	8.7	3.9	1.4	—	—	—	0.7	00 0	00 0	00 0
4	16.0	26.2	18.0	19.5	26.9	14.0	13.1	12.4	10.0	14.1	12.2	91	38	92	74	5.0	7.7	—	—	—	—	1.2	00 0	00 0	00 0
5	14.0	28.2	19.0	20.0	28.7	10.9	9.5	12.6	10.6	14.3	12.5	86	37	86	70	3.0	2.6	—	—	—	—	1.0	00 0	00 0	00 0
6	12.3	29.4	16.2	18.5	30.0	10.5	9.0	10.4	10.5	13.5	11.5	98	34	98	77	3.3	6.3	—	—	—	—	2.0	00 0	00 0	00 0
7	12.0	25.2	18.0	18.3	28.0	9.1	8.0	10.0	13.3	15.8	13.0	96	55	90	80	5.7	7.0	—	—	1.6	7.1	1.2	00 0	00 0	00 0
8	14.4	25.2	16.3	18.0	26.5	13.6	12.8	11.6	13.0	13.7	12.8	90	54	99	81	8.3	6.6	5.5	0.1	26.3	29.4	0.8	00 0	00 0	00 0
9	15.3	24.2	18.2	18.9	25.0	14.3	13.4	12.7	12.7	14.3	13.2	98	56	92	82	6.0	3.1	3.0	—	—	—	0.8	00 0	00 0	00 0
10	12.2	26.2	18.3	18.7	27.0	11.0	10.0	9.6	10.2	14.5	11.4	91	40	93	75	3.0	6.5	—	—	—	—	1.0	00 0	00 0	00 0
11	13.1	25.2	17.4	18.3	26.0	9.8	8.3	10.4	12.5	14.4	12.4	93	52	97	81	5.7	5.5	—	—	—	1.2	1.0	00 0	00 0	00 0
12	14.0	23.0	18.5	18.5	25.1	12.8	11.5	11.5	10.6	14.0	12.0	96	49	88	78	1.7	3.7	1.2	—	—	49.8	0.0	00 0	00 0	00 0
13	15.8	20.0	16.2	17.0	21.2	14.9	14.0	13.2	14.4	12.4	13.3	98	82	90	90	10.0	1.1	49.8	0.9	—	0.9	0.7	00 0	00 0	00 0
14	15.4	23.0	17.4	18.3	26.0	13.5	12.7	12.7	12.6	14.6	13.3	97	60	98	85	4.0	5.2	—	—	—	—	1.0	00 0	00 0	00 0
15	15.2	23.9	17.0	18.3	27.5	14.5	13.7	12.7	14.2	14.2	13.7	98	64	98	87	6.3	0.7	—	—	31.1	33.8	0.9	00 0	00 0	00 0
16	16.0	21.2	18.8	18.7	24.0	15.5	14.3	12.8	13.2	14.9	13.6	94	70	92	85	8.0	0.7	2.7	2.6	0.1	4.7	0.4	00 0	00 0	00 0
17	18.1	26.2	17.4	19.8	27.0	16.6	15.5	13.4	11.5	15.0	13.3	87	45	100	77	8.7	2.0	2.0	—	1.4	1.9	0.7	00 0	00 0	00 0
18	14.4	25.1	17.2	18.4	27.5	14.0	13.3	12.0	12.9	14.4	13.1	98	54	98	83	5.7	6.1	0.5	—	4.0	4.1	1.1	00 0	00 0	00 0
19	18.2	26.2	17.1	19.6	27.0	16.0	15.1	13.6	10.6	12.0	12.1	87	42	62	70	3.3	5.3	0.1	—	--	—	0.5	00 0	00 0	00 0
20	13.4	26.0	15.0	19.8	26.6	12.8	11.0	11.2	12.2	11.6	11.7	98	48	91	79	7.3	5.5	—	--	—	—	1.5	00 0	08 3	00 0
21	12.4	25.2	15.5	17.4	26.6	11.4	10.2	10.3	11.1	12.4	11.3	96	43	94	78	9.0	3.5	—	—	—	1.2	1.2	00 0	00 0	00 0
22	15.0	23.2	17.3	18.2	26.0	12.2	11.3	11.3	10.8	13.7	11.9	88	50	93	77	8.0	7.2	1.2	—	--	22.0	1.3	00 0	00 0	00 0
23	15.1	27.4	17.2	19.2	28.0	14.0	13.1	12.5	13.5	14.4	13.5	98	50	98	82	7.7	5.3	22.0	—	0.2	0.2	1.2	00 0	00 0	00 0
24	15.1	22.3	18.2	18.4	25.0	13.8	13.0	12.0	13.4	15.4	13.6	94	66	98	86	8.0	4.7	—	0.1	9.3	13.5	0.8	00 0	00 0	00 0
25	16.0	22.4	17.2	18.2	23.0	14.6	13.7	13.7	12.8	14.8	13.8	100	65	100	88	9.0	4.0	4.1	—	1.1	1.1	0.7	00 0	00 0	00 0
26	16.1	24.2	17.6	18.9	24.7	15.3	14.0	12.8	13.8	13.5	13.4	94	61	90	82	8.3	5.2	—	—	0.2	0.2	0.8	00 0	00 0	00 0
27	16.3	23.2	18.6	19.2	25.0	14.5	13.2	12.2	11.6	13.2	12.3	88	54	82	75	7.3	5.5	—	—	—	15.5	0.9	00 0	00 0	00 0
28	16.2	21.4	17.1	17.9	23.0	14.8	13.9	13.3	11.1	13.7	12.7	97	58	94	83	10.0	0.6	15.5	—	—	--	0.6	00 0	00 0	00 0
29	16.0	25.1	17.0	18.8	26.0	14.3	13.1	12.7	12.2	12.9	12.6	93	53	89	78	7.3	5.4	—	--	—	—	0.9	00 0	00 0	00 0
30	15.4	22.4	18.0	18.4	24.0	13.0	12.1	12.6	12.8	14.0	13.1	96	64	91	84	7.7	4.5	—	—	0.3	24.1	0.8	00 0	00 0	00 0
31	16.4	21.4	15.4	17.1	23.0	15.3	14.3	13.5	14.4	12.9	13.6	97	75	98	90	7.3	1.1	23.8	0.8	8.5	9.3	0.4	00 0	00 0	00 0
MED.	15.0	24.4	17.4	18.6	25.8	13.4	12.4	12.0	12.2	13.9	12.7	94	54	93	80	6.7	4.5	4.9	0.1	3.3	8.3	0.9	— —	— —	— —

Total 256.9 m.m.

Edit. Conicat4 25

ESTACION Bertha MES Noviembre AÑO 1963 φ = 5° 53' N λ = 73° 29' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.3	24.0	18.0	19.1	25.0	13.3	12.0	13.5	15.7	14.9	14.7	98	70	96	88	6.3	7.1	—	1.4	0.2	7.1	1.5	00 0	00 0	00 0
2	17.2	25.2	18.1	19.6	26.0	14.4	13.4	14.4	15.2	14.6	14.7	98	63	94	85	9.0	4.6	5.5	—	2.8	7.8	0.8	00 0	00 0	00 0
3	16.2	24.3	18.0	19.1	25.0	13.7	13.0	12.7	13.8	14.9	13.8	92	61	96	83	8.7	4.7	5.0	—	—	9.1	1.0	00 0	00 0	00 0
4	16.1	23.4	17.0	18.4	24.0	14.8	14.0	12.8	12.8	13.7	13.1	94	80	94	83	8.7	7.8	9.1	—	—	2.6	0.9	00 0	00 0	00 0
5	16.4	24.1	16.1	18.2	24.5	15.3	14.1	13.7	13.5	13.1	13.4	98	80	96	85	6.0	7.9	2.6	—	—	2.8	1.1	00 0	00 0	00 0
6	15.2	23.8	15.0	17.2	24.0	14.9	13.6	12.6	13.5	12.5	12.9	97	62	98	86	5.7	6.8	2.8	—	—	—	0.9	00 0	00 0	00 0
7	15.4	23.2	15.0	17.1	23.6	13.0	12.1	12.9	11.2	12.5	12.2	98	52	98	83	5.0	5.1	—	—	—	0.4	0.8	00 0	00 0	00 0
8	13.4	23.6	16.6	17.5	24.0	12.0	11.0	11.3	12.0	13.6	12.3	98	57	96	84	8.0	9.2	0.4	—	—	34.4	1.0	00 0	00 0	00 0
9	13.4	24.4	15.4	17.1	25.3	11.8	11.0	11.3	13.7	12.9	12.6	98	60	98	85	7.3	7.3	34.4	—	—	4.3	0.8	00 0	00 0	00 0
10	15.0	24.4	17.4	18.5	24.8	14.3	13.2	12.5	13.4	14.2	13.4	98	59	96	84	7.7	7.8	4.3	—	—	12.5	0.9	00 0	00 0	00 0
11	15.3	22.3	17.4	18.1	23.0	13.5	12.8	12.8	11.4	14.4	13.0	99	59	97	85	9.3	1.7	12.5	0.4	0.6	3.2	0.8	00 0	00 0	00 0
12	15.4	23.2	17.0	18.1	24.3	14.7	13.6	12.9	13.8	13.5	13.4	98	65	93	85	8.3	4.5	2.2	0.3	2.7	11.9	0.6	00 0	00 0	00 0
13	16.0	23.1	15.2	17.4	24.0	14.5	13.6	13.4	12.6	12.7	12.9	98	60	98	85	7.0	0.6	8.9	1.9	—	2.3	0.8	00 0	00 0	00 0
14	14.4	22.4	16.3	17.3	23.0	13.2	12.3	12.0	12.1	13.7	12.6	98	60	97	85	9.3	4.5	0.4	—	0.1	21.9	0.7	00 0	00 0	00 0
15	14.3	20.1	16.3	16.7	20.4	13.8	12.3	11.9	12.2	13.5	12.5	98	70	97	88	10.0	0.2	21.8	2.0	0.3	2.3	0.3	00 0	00 0	00 0
16	15.1	25.0	16.2	18.1	25.6	13.0	12.4	12.0	10.4	13.5	12.0	94	44	98	79	7.3	7.4	—	—	1.7	1.7	0.8	00 0	00 0	00 0
17	15.4	25.1	17.3	18.8	25.5	14.0	13.1	12.9	10.8	14.8	12.8	98	46	98	81	6.3	7.4	—	—	—	—	1.0	00 0	00 0	00 0
18	18.0	25.0	17.0	19.2	25.5	15.0	14.0	13.4	14.2	13.5	13.7	86	60	93	80	5.3	7.3	1.7	—	—	—	1.3	00 0	00 0	00 0
19	12.0	25.8	18.0	18.4	26.0	10.0	8.6	9.8	12.5	13.8	12.0	93	50	90	78	5.3	9.2	—	—	—	—	1.0	00 0	00 0	00 0
20	14.3	25.1	18.3	19.0	26.0	13.5	12.6	11.9	11.9	14.3	12.7	98	50	92	80	7.3	6.8	—	—	—	7.1	1.0	00 0	00 0	00 0
21	15.3	24.3	18.0	18.9	24.5	14.0	13.3	12.8	13.5	14.1	13.5	98	60	92	83	7.7	6.3	7.1	—	—	0.1	0.5	00 0	00 0	00 0
22	15.3	21.0	16.3	17.2	22.3	14.4	13.0	12.7	12.3	13.1	12.7	96	86	95	86	8.7	2.3	0.1	—	3.1	24.1	0.9	00 0	00 0	00 0
23	15.3	22.0	17.0	17.8	23.0	14.4	13.0	12.7	11.9	13.1	12.6	98	60	90	83	8.7	3.9	21.0	—	1.0	5.6	0.7	00 0	00 0	00 0
24	15.3	20.0	15.1	16.4	23.3	14.9	13.7	12.4	13.4	12.3	12.7	96	76	96	89	7.3	4.4	4.6	2.7	13.8	20.2	0.8	00 0	00 0	00 0
25	15.2	24.3	15.3	17.5	25.0	14.1	13.3	12.7	13.0	12.2	12.6	98	57	94	83	9.3	6.9	3.7	—	0.7	11.0	1.0	00 0	00 0	00 0
26	13.8	22.1	17.3	17.7	22.6	12.8	12.0	11.3	13.8	14.7	13.3	96	70	98	88	4.7	6.4	10.3	1.1	0.1	1.2	0.6	00 0	00 0	00 0
27	12.2	24.0	16.2	17.4	25.0	10.0	9.1	10.4	13.5	13.5	12.5	98	60	98	85	6.0	6.6	—	—	1.3	2.5	0.6	00 0	00 0	00 0
28	14.0	23.2	16.3	17.4	25.0	12.1	11.0	11.7	13.8	13.5	13.0	99	60	98	85	7.0	7.5	1.2	—	0.7	0.7	0.7	00 0	00 0	00 0
29	14.0	25.0	16.3	17.9	26.0	12.3	11.0	11.6	13.1	13.4	12.7	97	55	97	83	2.3	8.7	—	—	—	2.0	0.9	00 0	00 0	00 0
30	16.2	25.0	17.0	18.8	26.0	14.0	13.3	13.4	14.2	14.2	13.9	97	61	98	85	5.3	9.2	2.0	—	0.3	0.3	0.9	00 0	00 0	00 0
31																									
MED.	15.2	23.6	16.7	18.0	24.4	13.5	12.5	12.4	13.0	13.6	13.0	97	60	96	84	7.1	6.0	5.4	0.3	1.0	6.7	0.8	— —	— —	— —

Total 200.8 m.m.

Edit. Concafé 25

ESTACION Bertha MES Diciembre AÑO 19 53 φ = 50 53' N λ = 73 39 25' W.GR - ALTURA 1.764 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.0	24.3	18.0	18.8	25.6	12.0	11.0	12.3	13.2	13.8	13.1	96	58	90	81	4.7	6.9	--	--	--	--	0.9	00 0	00 0	00 0
2	12.8	23.4	16.0	17.3	24.6	12.0	10.8	10.5	11.5	12.8	11.6	95	50	94	80	6.0	8.2	--	--	--	3.7	1.3	00 0	00 0	00 0
3	14.3	23.6	16.8	17.9	24.0	13.5	13.0	10.9	12.6	12.9	12.1	90	58	90	79	5.7	7.4	3.7	--	--	--	1.3	00 0	00 0	00 0
4	14.0	23.0	16.1	17.3	24.0	13.0	12.2	12.5	11.7	13.0	12.4	96	55	95	82	8.0	6.5	--	--	6.1	6.1	1.1	00 0	00 0	00 0
5	14.4	26.0	17.2	18.7	27.3	13.8	13.0	11.9	10.9	14.1	12.3	97	43	96	79	4.0	9.7	--	--	--	--	2.0	00 0	08 2	00 0
6	12.3	25.0	16.1	17.4	25.6	10.0	9.2	10.4	10.6	12.3	11.1	97	45	90	77	2.3	8.7	--	--	--	--	2.0	00 0	08 2	00 0
7	12.6	24.3	16.2	17.3	25.6	11.4	10.3	10.5	10.9	13.5	11.6	96	48	98	81	8.0	5.1	--	--	8.1	8.5	1.2	00 0	00 0	00 0
8	13.3	25.4	18.8	19.1	26.0	12.7	13.5	11.3	13.2	14.6	13.0	98	54	90	81	5.0	6.8	0.4	--	--	--	1.2	00 0	00 0	00 0
9	15.2	23.1	17.3	18.2	24.0	14.0	13.0	11.7	13.2	14.4	13.1	91	64	97	84	1.7	5.8	--	--	--	--	1.2	00 0	00 0	00 0
10	11.4	24.4	16.0	16.9	25.4	9.0	7.5	9.7	14.5	12.3	12.2	96	50	90	79	2.7	9.3	--	--	--	--	2.2	00 0	00 0	00 0
11	10.3	24.2	16.4	16.8	25.0	9.0	7.6	9.1	10.1	13.5	10.9	97	45	97	80	4.0	8.7	--	--	--	--	2.0	00 0	00 0	00 0
12	13.6	24.0	15.3	17.0	26.0	11.0	10.0	11.3	10.0	12.6	11.3	97	45	93	78	0.7	7.6	--	--	--	0.1	2.0	00 0	00 0	00 0
13	13.3	26.2	18.3	19.0	26.5	12.0	11.2	10.9	11.4	14.0	12.1	97	44	90	77	2.7	7.7	0.1	--	--	--	2.0	00 0	00 0	00 0
14	12.6	27.2	19.0	19.4	28.0	10.3	9.5	9.4	12.8	14.8	12.3	86	48	90	75	5.0	9.4	--	--	2.7	13.0	2.0	00 0	00 0	00 0
15	13.3	27.0	19.0	19.6	27.5	12.0	10.6	11.0	15.7	15.9	14.2	97	59	96	84	4.7	8.7	10.3	--	0.8	12.3	1.4	00 0	00 0	00 0
16	17.4	24.8	16.3	18.7	25.2	16.0	15.0	14.6	11.8	12.4	12.9	98	50	90	79	4.7	9.1	11.5	--	--	--	2.0	00 0	02 2	00 0
17	15.3	21.4	17.3	17.8	25.0	14.8	14.0	11.7	12.4	14.2	12.8	91	65	97	84	7.7	2.3	--	--	--	2.5	0.7	00 0	00 0	00 0
18	16.2	23.0	17.1	18.3	23.5	15.0	14.1	12.9	12.6	14.2	13.2	93	60	98	84	8.3	4.7	2.5	--	1.3	2.5	1.1	00 0	00 0	00 0
19	17.0	22.2	17.3	18.4	24.2	15.8	14.2	14.2	13.2	14.4	13.9	98	65	97	87	6.7	6.7	1.2	--	--	--	1.3	00 0	00 0	00 0
20	14.2	25.3	18.2	19.0	25.4	13.8	12.5	10.9	12.6	13.3	12.3	90	52	85	76	8.3	9.0	--	--	--	--	2.0	00 0	00 0	00 0
21	14.0	24.3	16.4	17.8	25.0	11.6	10.0	11.0	11.9	12.6	11.8	96	52	90	77	2.7	9.0	--	--	2.0	6.4	1.4	00 0	16 2	00 0
22	13.0	25.3	17.0	18.1	26.0	12.0	11.2	11.0	13.0	13.1	12.4	98	54	90	81	6.7	5.6	6.4	--	--	2.2	1.2	00 0	00 0	00 0
23	13.6	24.0	18.1	18.4	24.5	11.8	10.3	11.4	11.2	13.8	12.1	98	50	90	79	5.3	8.7	0.2	--	--	11.5	2.0	00 0	00 0	00 0
24	15.4	24.2	18.3	19.0	26.2	14.4	13.6	12.9	12.6	14.0	13.2	98	54	90	81	5.0	8.3	11.5	--	--	0.1	2.2	00 0	00 0	00 0
25	16.3	24.4	15.2	17.8	25.0	14.9	13.8	13.7	13.7	12.7	13.4	99	60	98	86	4.0	7.4	0.1	--	--	2.1	1.4	00 0	00 0	00 0
26	16.2	24.0	17.7	18.9	25.5	14.7	14.0	13.5	12.4	12.8	12.9	98	55	88	80	7.0	8.3	2.1	--	--	--	1.3	00 0	00 0	00 0
27	17.4	24.0	17.4	19.0	24.5	14.9	14.0	14.2	12.1	13.0	13.1	96	54	88	79	7.3	9.2	--	--	--	--	2.0	00 0	00 0	00 0
28	16.4	25.3	17.0	18.9	25.6	15.8	14.9	13.5	12.1	13.8	13.1	97	50	90	79	7.0	8.7	--	--	--	--	1.4	00 0	14 2	00 0
29	15.8	23.5	16.3	18.0	25.0	15.0	13.8	12.1	13.0	12.4	12.5	90	60	90	80	4.3	7.5	--	--	--	--	1.9	00 0	16 2	16 2
30	16.0	22.5	13.6	16.4	23.0	14.5	13.2	11.4	10.8	10.5	10.9	84	52	90	75	2.7	8.8	--	--	--	--	1.4	00 0	00 0	00 0
31	12.3	23.0	16.2	16.9	23.8	11.0	10.0	9.9	11.5	12.4	11.3	93	54	90	79	3.3	6.3	--	--	--	--	1.4	00 0	16 2	00 0
MED.	14.3	24.3	17.0	18.1	25.3	13.0	12.0	11.7	12.2	13.4	12.4	95	53	92	80	5.0	7.8	1.6	--	0.7	2.3	1.6	--	--	--

Total 71.0 m.m.

Edit. Conicyt 25

ESTACION: BERTHA

RESUMEN MENSUAL Y ANUAL

ANO: 1.963

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS Min.							Humedad					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
						Max.	Min.	Max.		Min.		Med.	Relativo				Min.	Max.	Min	Med.							Días		
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Med.	Med.	Abs.	D.	Abs.	D.	Sue.	7	14	20	Med.	Abs.	Abs.		Med.	Solar		7	14	20	Suma	lluv.	Max.	D.
Enero						11.9	24.6	14.6	16.4	26.2	10.2	28.0	V	6.0	V	8.1	94	49	90	78	40	13.0	6.3	10.9	5.0	(6.5)	2.3	12.0	—	38.8	59.2	12	17.7	7
Febro						13.3	23.2	15.5	16.9	24.7	11.7	28.0	28	9.0	V	10.2	94	56	90	80	41	13.8	8.5	11.5	7.7	4.3	1.7	90.4	0.9	13.5	96.4	14	39.2	10
Marzo						13.8	24.6	16.4	17.8	26.2	12.1	28.5	V	10.0	V	10.4	96	49	89	78	40	14.0	9.4	11.6	8.0	4.2	2.3	79.9	22.3	154.6	255.3	22	28.8	18
Abril						14.8	23.3	16.3	17.7	24.9	13.4	28.0	16	9.8	26	11.8	94	58	88	80	44	14.4	10.0	12.0	8.3	3.4	1.6	149.6	1.6	167.8	312.0	26	44.5	24
Mayo						15.3	23.4	16.3	17.8	25.2	14.0	28.5	23	11.0	23	12.4	94	59	86	80	44	14.1	10.6	12.2	7.9	2.7	1.3	137.9	8.2	58.6	203.2	24	53.2	17
Junio						13.4	23.8	15.4	17.0	25.3	11.9	28.5	V	10.0	V	10.2	94	55	89	79	40	13.7	9.5	11.6	7.1	2.8	1.3	35.9	13.5	178.0	227.4	22	38.3	11
Julio						13.1	22.7	14.5	16.2	24.7	11.6	28.0	17	10.0	W	10.1	93	59	90	81	40	14.4	8.2	11.2	7.0	3.8	1.2	31.6	37.4	83.3	152.3	26	14.1	29
Agsto						13.4	23.9	17.1	17.9	26.5	11.8	30.0	29	9.5	14	10.4	95	52	87	79	40	15.1	8.8	11.8	6.8	4.3	1.4	20.0	6.5	78.6	106.6	18	22.9	7
Spbre						14.0	24.3	17.2	18.1	26.4	12.6	29.5	V	10.0	V	11.5	96	52	92	80	40	14.7	8.8	12.2	7.0	3.9	1.5	41.1	7.6	51.9	102.9	18	24.6	22
Ocbre						15.0	24.4	17.4	18.6	25.8	13.4	30.0	6	9.1	7	12.4	94	54	93	80	34	15.8	9.6	12.7	6.7	4.5	0.9	152.6	4.5	103.6	256.9	20	49.8	12
Nvbre						15.2	23.6	16.7	18.0	24.4	13.5	26.0	V	10.0	V	12.5	97	60	96	84	44	15.7	9.8	13.0	7.1	6.0	0.8	161.6	9.8	29.4	200.8	27	34.4	8
Dcbre						14.3	24.3	17.0	18.1	25.3	13.0	26.0	14	9.0	V	12.0	95	53	92	80	43	15.9	9.1	12.4	5.0	7.6	1.6	50.0	—	21.0	71.0	13	13.0	14
MED. ANUAL						13.9	23.9	16.2	17.5	25.5	12.4	28.4	—	9.5	—	11.0	95	55	90	80	41	14.6	9.0	11.9	7.0	(4.5)	1.5	80.2	9.4	81.6	171.2	242	31.7	—

editorial cenicafé N° 189

Precipitación total : 2.054.0

Precipitación máxima : 53.2 - 17 - V

Dias lluviosos : 242

ESTACION: BERTHA — FRECUENCIA DE PRECIPITACION Y TEMPERATURAS — AÑO: 1.963

MESES	PRECIPITACION																						TEMPERATURAS			
	7 horas más de					14 horas más de					20 horas más de					Total más de							Min. abajo de 11ºC	Min. arriba de 13ºC	Max. abajo de 23ºC	Max. arriba de 27 ºC
	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0				
Enero	5	1	1	—	—	—	—	—	—	—	10	8	1	—	—	12	10	5	4	2	—	—	22	1	1	11
Febro	12	9	2	2	—	3	—	—	—	—	6	2	1	—	—	14	11	5	4	3	2	—	10	8	6	2
Marzo	12	12	3	—	—	3	3	2	—	—	15	15	6	1	—	22	22	20	16	10	5	—	8	7	2	10
Abril	24	17	5	2	—	5	—	—	—	—	17	14	7	2	—	26	22	17	14	11	7	—	1	26	4	4
Mayo	17	11	3	3	—	11	4	—	—	—	19	11	2	—	—	24	20	15	10	5	3	1	1	26	5	5
Junio	9	6	2	—	—	8	2	—	—	—	19	16	7	3	—	22	19	15	12	8	5	—	13	11	3	6
Julio	13	10	—	—	—	12	6	—	—	—	24	18	1	—	—	26	25	19	14	5	—	—	16	8	7	2
Agsto	10	6	—	—	—	8	2	—	—	—	15	13	2	1	—	18	15	11	8	4	—	—	10	10	2	16
Spbre	9	5	1	1	—	6	3	—	—	—	16	9	1	—	—	18	15	12	7	2	1	—	6	14	1	11
Ocbre	16	14	5	3	—	5	1	—	—	—	14	10	3	2	—	20	17	13	10	7	5	—	5	21	4	9
Nvbre	22	19	5	3	—	7	5	—	—	—	15	7	1	—	—	27	23	17	12	7	4	—	2	23	6	—
Dcbre	12	8	3	—	—	—	—	—	—	—	6	5	—	—	—	13	11	9	6	3	—	—	6	16	1	3
SUMA ANUAL	161	118	30	14	—	68	26	2	—	—	176	128	32	9	—	242	210	158	117	67	33	1	100	171	44	79

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	1	2	—	—	—	—	—	—	—	—	—	—	—	—	2	3	4	6	5	3	4	3	3	2	13
Febro	5	5	6	5	1	—	—	—	1	—	—	2	—	1	1	—	2	2	2	1	1	3	2	4	17
Marzo	3	7	9	8	5	3	—	—	—	—	—	—	2	3	1	4	10	12	14	9	—	3	3	4	19
Abril	11	9	8	5	4	2	6	—	—	—	—	—	1	4	6	6	8	8	9	8	10	11	11	9	27
Mayo	5	6	7	7	5	4	4	1	—	1	1	2	6	4	4	9	7	4	4	9	8	7	7	5	25
Junio	2	2	1	1	2	1	1	1	1	—	1	2	3	4	5	11	13	9	7	6	5	5	3	4	23
Julio	4	4	3	2	3	2	1	—	—	—	—	1	5	9	10	10	11	11	8	11	7	3	4	4	22
Agsto	1	3	2	1	1	2	—	—	—	—	—	3	4	5	7	5	10	9	6	8	7	5	3	2	18
Spbre	—	—	—	—	1	1	1	—	—	—	1	—	2	5	6	5	5	7	8	5	3	5	5	4	18
Ocbre	4	3	3	4	5	4	3	1	1	1	—	1	2	3	2	1	3	6	7	9	11	9	7	5	21
Nvbre	10	12	7	8	7	2	4	3	2	2	—	—	2	5	5	7	7	6	4	7	9	12	10	12	25
Dcbre	5	3	2	2	1	1	—	—	—	—	—	—	—	—	—	1	2	3	3	3	3	2	6	9	17
SUMA ANUAL	47	56	45	43	35	22	20	6	5	4	3	11	27	43	49	62	82	83	77	79	68	68	64	64	250

ESTACION BERTHA — FRECUENCIA DE NUBOSIDAD - BRILLO SOLAR Y VIENTOS — AÑO 1,963

MESES	NUBOSIDAD en décimos Bajo 3.0	NUBOSIDAD en décimos Más 8.0	BRILLO SOLAR Bajo 0.9	BRILLO SOLAR Más 9.0	NUMERO DE DIAS CON VIENTOS 7 horas N	NE	E	SE	S	SW	W	NW	C	14 horas N	NE	E	SE	S	SW	W	NW	C	20 horas N	NE	E	SE	S	SW	W	NW	C
Enero	6	2	(--)	(--)	--	--	--	--	--	--	--	--	31	17	5	--	--	1	--	--	6	2	--	--	--	--	--	--	--	--	31
Febro	--	17	5	--	--	--	--	--	--	--	--	--	28	1	5	--	--	--	--	--	10	12	--	--	--	--	--	--	--	--	28
Marzo	1	21	2	--	--	--	--	--	--	--	--	--	31	5	3	--	2	1	--	1	6	13	--	--	---	--	--	--	--	--	31
Abril	--	23	6	--	--	--	--	--	--	--	--	--	30	9	2	--	--	1	--	1	9	8	1	--	--	--	--	--	--	--	29
Mayo	--	17	9	--	--	--	--	--	--	--	--	--	31	3	1	--	1	2	1	--	7	16	--	--	--	--	--	--	--	--	31
Junio	--	12	4	--	--	--	--	--	--	--	--	--	30	3	--	2	2	4	2	--	4	13	--	--	--	--	--	--	--	--	30
Julio	--	10	2	--	--	--	--	--	--	--	--	1	30	4	3	1	2	3	--	--	3	15	--	--	--	--	2	--	--	--	29
Agsto	--	8	2	--	7	--	--	--	--	--	--	--	24	10	2	--	2	2	3	--	3	9	3	--	--	4	--	--	1	1	22
Spbre	--	11	3	--	2	1	--	--	--	--	--	--	27	1	--	1	--	--	1	4	--	23	2	--	--	--	--	--	--	--	28
Ocbre	3	11	3	--	--	--	--	--	--	--	--	--	31	--	--	--	--	1	--	--	--	30	--	--	--	--	--	--	--	--	31
Nvbre	1	10	2	3	--	--	--	--	--	--	--	--	30	--	--	--	--	--	--	--	--	30	--	--	--	--	--	-	--	-	30
Dcbre	7	4	--	7	--	--	--	--	--	--	--	--	31	3	1	--	--	2	--	--	1	24	1	--	--	--	--	--	--	--	30
SUMA ANUAL	18	146	(38)	(10)	9	1	--	--	--	--	--	1	354	57	22	4	9	17	7	6	49	195	7	--	--	--	2	--	1	1	350

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol 6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	Frecuencia sin sol 6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	(--	--	--	--	10	12	10	10	12	11	1	--	14	14	13	2	1	--	--	--	--	1	1	13)
Febro	--	--	2	7	10	13	7	5	5	6	--	--	28	20	14	8	5	4	3	4	10	13	24	28
Marzo	--	1	10	15	17	13	10	6	3	1	--	--	30	18	11	3	4	3	6	7	14	20	20	31
Abril	--	1	6	10	16	8	4	4	1	--	--	--	23	20	10	6	7	9	12	16	19	26	29	30
Mayo	--	1	7	11	11	6	2	1	--	--	--	--	29	21	17	10	6	9	13	14	23	30	31	31
Junio	--	1	8	13	4	2	1	--	--	--	--	--	26	15	6	4	7	10	15	17	26	30	30	30
Julio	--	3	12	15	9	6	2	2	--	--	--	--	26	13	5	2	2	2	9	12	17	27	23	31
Agsto	--	--	6	12	14	9	8	5	--	--	--	--	31	23	6	2	3	6	7	7	5	18	28	31
Spbre	--	--	6	12	16	12	7	3	3	2	--	--	30	25	12	3	2	4	11	9	10	15	26	30
Ocbre	--	--	6	13	15	12	10	7	4	1	--	--	31	25	12	4	3	4	5	7	6	17	28	31
Nvbre	--	3	13	17	17	18	18	18	10	6	2	--	23	14	6	5	4	3	3	4	3	9	14	29
Dcbre	--	1	10	24	27	25	21	20	21	12	--	--	28	9	3	--	1	1	2	1	2	3	7	30
SUMA ANUAL	(--	11	86	149	166	136	100	81	59	39	3	--	330	217	115	51	45	56	86	98	135	209	277	345

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RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: BERTHA DE LA PRECIPITACION AÑO 1.963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h. min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	59.2	12	15	7	22	38.8	20.4	14:10'	11:20'	25:30'	17.7	2:40'	0.11	2.0	0.4	5:30'	8.4	0.02	0.8	0.1
Febro	96.4	14	10	11	21	14.7	81.7	8:05'	21:40'	29:45'	39.2	3:15'	0.20	6.0	1.2	6:00'	25.1	0.07	1.5	0.3
Marzo	265.3	22	18	13	31	176.9	88.4	47:50'	42:50'	90:40'	28.0	3:45'	0.12	5.0	1.0	6:40'	13.6	0.03	0.5	0.1
Abril	312.0	26	25	31	56	218.5	93.5	49:50'	46:35'	96:25'	44.3	2:10'	0.34	9.5	1.9	8:20'	21.0	0.04	1.0	0.2
Mayo	203.2	24	39	20	59	111.6	91.6	45:00'	29:30'	74:30'	41.7	7:45'	0.08	6.0	1.2	7:45'	41.7	0.08	6.0	1.2
Junio	227.4	22	39	13	52	218.6	8.8	42:40'	10:55'	53:35'	35.1	3:00'	0.19	4.5	0.9	5:15'	16.8	0.05	2.0	0.4
Julio	152.3	26	54	20	74	133.0	19.3	51:30'	14:35'	66:05'	9.9	1:00'	0.16	3.0	0.6	3:50'	3.2	0.01	0.2	0.1
Agsto	106.6	18	38	14	52	89.3	17.3	38:25'	11:55'	50:30'	17.1	2:10'	0.12	6.0	1.2	3:20'	7.2	0.03	0.4	0.1
Spbre	102.9	18	29	12	41	59.5	43.4	25:20'	12:05'	37:25'	26.4	2:40'	0.15	3.0	0.6	2:55'	0.9	0.05	4.0	0.8
Ocbre	256.9	20	21	19	40	137.3	119.6	32:15'	35:45'	68:00'	49.7	6:25'	0.12	4.0	0.8	6:25'	49.7	0.12	4.0	0.8
Nvbre	200.8	27	24	23	47	39.8	161.0	27:05'	68:35'	95:40'	23.5	13:20'	0.02	0.7	0.1	13:20'	223.5	0.02	0.7	0.1
Dcbre	71.0	13	7	18	25	21.2	49.8	8:05'	14:45'	22:50'	11.5	1:15'	0.15	3.8	0.7	2:45'	1.0	0.01	0.3	0.1
TOTALES	2054.0	242	319	201	52.0	1259.2	794.8	390:25'	320:30'	710:55'	342.1	49.25'	XX	XX	XX	60:05'	222.1	XX	XX	XX

ESTACION Jardín MES Enero AÑO 1963 φ = 50 36' N λ = 75° 56' W.GR - ALTURA 1530 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.6	22.4	15.0	17.8	23.6	14.5	12.5	13.6	11.3	12.4	12.4	96	55	91	91	6.3		4.0	0.2	—	0.3	1.0	00 0	14 1	06 1
2	15.4	22.8	17.2	18.2	23.5	13.5	11.5	12.9	12.5	13.0	12.8	98	60	89	82	8.7		0.1	—	—	—	1.0	08 1	16 2	06 1
3	16.0	25.8	17.8	19.4	27.0	14.0	13.0	12.8	12.5	12.8	12.7	93	50	84	76	5.3		—	—	4.3	4.3	1.4	00 0	16 2	06 1
4	15.6	24.8	17.4	18.8	25.0	14.8	12.5	12.3	13.5	13.6	13.1	93	57	91	80	6.0		—	—	—	—	1.0	04 1	16 2	08 1
5	15.8	23.6	17.0	18.4	24.5	14.5	13.5	12.7	12.2	12.3	12.4	94	56	85	78	10.0		—	—	—	—	1.0	06 1	00 0	04 1
6	16.8	24.0	18.0	19.2	25.5	15.0	14.0	13.4	12.7	13.0	13.0	92	56	82	77	7.7		—	—	—	5.0	1.0	06 1	16 2	06 1
7	17.0	22.0	17.0	18.2	25.5	15.5	14.5	14.0	13.6	13.5	13.7	96	72	92	87	7.3		5.0	0.3	0.1	5.7	1.0	00 0	00 0	08 1
8	14.8	24.0	16.4	17.9	25.0	12.5	11.0	11.7	13.8	13.4	13.0	91	52	96	83	5.0		5.3	—	—	1.3	1.0	06 1	14 2	06 1
9	17.5	24.2	17.0	18.9	25.0	15.0	13.5	13.2	13.4	13.2	13.3	86	59	90	78	6.7		1.3	—	—	—	1.2	06 1	16 2	04 1
10	15.4	25.0	17.8	19.0	25.5	13.5	12.5	12.6	13.4	12.8	12.9	96	56	82	78	8.3		—	—	—	15.9	1.0	00 0	16 1	06 1
11	15.4	24.5	17.2	18.6	26.0	14.0	13.0	12.6	13.9	13.7	13.4	96	59	92	82	6.0		15.9	—	0.4	0.6	1.0	00 0	16 1	04 1
12	14.8	26.2	17.4	18.9	26.5	12.5	11.5	11.8	15.1	13.3	13.4	93	59	88	80	5.7		0.2	—	0.1	0.1	1.0	04 1	16 1	06 1
13	17.0	26.2	17.6	18.6	27.0	14.5	13.5	13.2	12.8	13.2	13.1	90	50	86	75	8.0		—	—	—	—	2.0	06 1	14 1	08 1
14	16.4	25.4	16.6	18.8	26.5	14.5	12.5	12.5	11.6	12.9	12.3	87	48	90	75	3.3		—	—	—	—	1.4	00 0	14 1	14 1
15	15.8	25.4	16.2	18.4	26.0	13.5	12.0	12.7	11.6	13.0	12.3	93	48	94	78	5.7		--	—	—	—	1.6	00 0	16 2	08 2
16	16.4	26.2	16.6	18.9	26.5	15.0	14.0	13.2	11.8	14.3	13.1	94	46	100	80	4.7		—	—	—	—	1.2	00 0	14 2	06 1
17	15.2	25.2	15.0	17.6	26.0	14.5	13.5	12.7	10.7	11.8	11.7	98	45	91	78	4.0	7.0	—	—	—	—	1.8	00 0	14 1	06 1
18	14.8	24.0	15.4	17.4	25.0	13.5	12.0	11.8	12.1	12.0	12.0	96	53	96	82	5.0	0.4	—	—	--	—	1.4	00 0	12 1	16 1
19	15.6	24.2	15.8	17.8	25.5	14.0	13.0	13.0	12.7	12.5	12.7	98	56	93	82	6.7	4.5	—	—	—	—	1.4	12 1	08 2	12 1
20	14.2	25.4	15.8	17.8	26.5	13.8	12.5	11.2	11.4	12.5	12.7	93	47	93	78	2.3	5.4	—	—	—	0.9	1.4	06 1	14 2	06 1
21	14.2	24.2	14.8	17.0	25.0	14.0	12.0	12.2	12.6	12.6	12.5	100	55	100	85	5.7	4.5	0.9	—	1.4	1.4	1.0	06 1	00 0	06 1
22	11.8	26.8	14.8	15.6	26.5	11.5	9.5	10.4	11.2	11.8	11.1	100	48	94	81	2.3	6.6	—	—	—	--	1.4	04 1	10 2	04 1
23	14.2	25.6	15.6	17.8	27.0	13.5	12.0	11.6	11.4	11.8	11.6	96	47	89	77	4.0	5.6	—	—	--	—	1.2	00 0	14 1	00 0
24	13.6	23.8	16.8	17.8	24.5	12.0	10.5	10.9	12.4	12.8	12.0	94	56	89	80	6.7	1.8	—	—	—	—	1.2	00 0	00 0	00 0
25	14.2	21.6	15.2	15.6	24.5	13.0	12.5	11.9	12.1	11.7	11.9	98	63	91	84	6.3	2.2	—	—	—	2.0	1.8	00 0	00 0	10 1
26	15.0	25.2	16.4	18.2	26.2	14.0	13.0	12.8	12.1	12.7	12.5	100	50	91	80	6.3	5.4	—	—	—	—	0.8	00 0	08 1	00 0
27	15.0	18.0	15.0	15.8	20.3	14.0	13.0	12.5	14.0	12.3	12.9	98	90	96	95	10.0	0.4	2.0	5.5	3.8	9.3	0.8	00 0	00 0	00 0
28	14.4	23.0	16.2	17.4	23.5	12.5	11.0	11.6	11.6	12.6	11.9	90	54	91	78	10.0	1.5	—	—	—	—	1.4	00 0	00 0	10 1
29	14.4	26.0	16.8	19.5	27.8	13.6	12.3	11.8	12.7	14.1	12.9	96	50	100	82	4.7	5.1	—	—	—	—	2.2	00 0	10 1	00 0
30	15.0	26.4	14.4	17.6	27.5	14.0	13.0	12.5	11.7	10.6	11.6	98	45	87	77	2.7	7.1	—	—	—	—	1.2	00 0	06 3	00 0
31	14.2	24.4	15.6	17.4	25.0	11.8	10.5	11.6	12.2	12.1	12.0	96	53	91	80	8.7	3.3	—	—	0.4	0.4	1.2	00 0	06 3	00 0
MED.	15.2	24.3	16.3	18.0	25.4	13.7	12.4	12.4	12.5	12.7	12.5	95	55	91	80	6.1	(4.4)	1.1	0.2	0.3	1.5	1.2	— —	— —	— —

Total 47.2 m.m.

Edit. Comicató 25

ESTACION Jardín MES Febrero AÑO 19 63 φ = 50 34' N λ = 75° 56' W.GR - ALTURA 1.630 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	13.0	24.2	16.0	17.3	25.0	12.5	11.0	11.6	12.6	13.4	12.5	98	55	98	84	10.0	4.5	--	--	--	11.0	1.6	00 0	14 2	16 1
2	16.4	24.6	17.2	18.8	25.0	14.0	13.0	13.7	13.0	14.4	13.7	98	56	98	84	8.3	1.3	11.0	--	--	3.7	1.0	00 0	16 2	16 1
3	14.7	19.6	15.0	16.1	20.0	14.0	13.0	12.6	12.9	12.3	12.6	100	75	95	90	9.7	0.1	3.7	0.5	--	22.4	0.6	04 1	00 0	02 1
4	13.6	19.6	15.8	16.2	20.5	13.0	12.0	11.2	13.4	13.5	12.9	95	78	100	91	8.7	--	21.9	12.0	0.4	12.4	0.6	00 0	06 1	00 0
5	14.8	19.2	18.2	17.8	20.0	13.2	12.0	11.8	13.8	14.7	13.4	94	83	94	90	10.0	0.3	--	0.8	--	0.8	0.8	00 0	00 0	00 0
6	15.0	22.8	15.5	17.2	23.3	14.0	13.0	12.3	13.0	12.7	12.7	96	63	96	85	8.7	1.6	--	--	0.1	0.1	1.0	00 0	00 0	00 0
7	14.4	24.6	18.2	18.8	26.0	12.7	12.0	12.4	12.6	13.9	13.0	100	56	90	82	7.7	4.6	--	--	--	--	1.2	00 0	14 2	06 1
8	15.0	23.8	17.8	18.6	24.2	14.0	13.0	12.3	13.6	14.2	13.4	96	62	93	84	10.0	0.7	--	--	--	--	0.8	00 0	00 0	02 1
9	14.6	24.2	16.4	17.9	26.5	13.7	12.0	12.5	13.5	13.0	13.0	100	60	89	83	9.3	3.9	--	--	9.9	25.9	1.4	00 0	00 0	06 1
10	14.0	23.2	17.0	17.8	24.5	13.0	12.0	11.7	12.8	13.7	12.7	98	60	94	84	8.3	5.1	16.0	--	0.7	1.0	0.6	00 0	08 1	06 1
11	15.6	24.8	17.6	18.9	25.0	15.0	13.5	13.3	12.7	13.8	13.3	100	54	92	82	9.3	4.2	0.3	--	0.5	21.0	1.2	00 0	16 1	06 1
12	15.0	21.6	17.2	17.8	23.5	13.6	13.0	12.8	14.0	13.4	13.4	100	73	91	88	9.3	2.2	20.5	0.7	--	0.9	0.6	00 0	12 1	06 1
13	12.2	24.6	13.8	16.1	25.5	11.0	9.5	10.6	11.4	10.6	10.9	100	49	93	81	3.3	6.9	0.2	--	0.7	0.7	1.4	00 0	00 0	00 0
14	14.0	25.0	15.2	17.4	26.0	12.5	10.5	10.8	10.8	10.4	11.0	91	44	91	75	2.7	8.3	--	--	--	--	1.8	00 0	16 2	06 1
15	10.0	25.5	15.4	16.6	26.5	9.5	7.5	9.2	10.3	12.3	10.8	100	42	94	79	0.3	8.8	--	--	--	--	2.0	06 1	14 2	06 1
16	14.8	22.8	16.0	18.4	24.3	13.0	11.5	11.8	12.5	14.1	12.8	94	80	92	82	8.7	1.9	--	--	--	--	1.0	00 0	14 3	04 1
17	16.0	25.4	18.2	19.4	27.0	15.0	13.5	12.4	14.5	14.1	13.7	91	80	92	81	9.0	4.6	--	--	0.3	1.3	1.0	04 1	10 1	04 1
18	16.0	25.4	17.4	19.0	26.0	15.5	15.0	13.6	12.3	13.3	13.1	100	50	90	80	7.0	3.6	1.0	--	0.1	3.9	1.4	00 0	10 3	00 0
19	15.6	19.8	16.0	16.8	22.0	15.0	13.5	13.6	14.2	12.4	13.4	100	85	91	92	10.0	1.1	3.8	0.2	9.1	9.3	0.8	00 0	00 0	10 1
20	14.2	19.0	16.8	16.7	22.0	13.6	12.0	11.4	14.8	13.5	13.2	96	90	94	93	10.0	2.8	--	1.8	4.6	8.8	0.2	00 0	00 0	00 0
21	13.2	24.4	17.4	18.1	25.5	13.0	12.0	11.5	12.2	13.1	12.3	100	53	90	81	5.7	5.2	2.4	--	--	32.0	1.0	06 1	14 1	06 1
22	15.9	22.8	15.4	17.4	23.5	15.5	15.0	13.2	13.8	12.6	13.2	98	65	96	86	7.7	1.4	32.0	0.9	3.5	5.9	0.8	00 0	14 2	04 1
23	14.6	22.6	16.2	17.4	24.1	13.6	12.5	12.5	14.1	13.0	13.2	100	68	94	87	9.7	3.4	1.5	--	--	--	1.0	00 0	08 1	10 1
24	16.6	20.2	16.4	17.4	22.0	14.9	13.5	13.3	15.1	13.4	13.9	94	85	86	92	7.7	2.4	--	4.5	--	8.0	0.4	00 0	14 1	16 1
25	14.4	26.4	17.2	18.6	27.5	12.9	11.5	11.4	11.7	13.4	12.2	93	45	91	76	6.7	4.9	3.5	--	--	10.6	1.2	04 1	16 2	04 1
26	16.8	25.8	18.0	19.6	26.7	16.5	14.0	14.1	13.5	14.0	13.9	98	54	91	81	7.7	8.5	10.6	--	--	0.4	1.6	06 1	16 2	06 1
27	16.6	24.0	17.2	16.8	26.0	14.5	13.0	12.6	11.8	12.7	12.4	89	52	87	76	3.3	4.1	0.4	--	--	--	1.0	00 0	14 2	00 0
28	13.8	25.2	18.0	19.0	27.8	12.5	10.5	11.1	11.5	14.1	12.2	94	45	92	77	0.0	8.6	--	--	--	--	2.0	00 0	00 0	14 1
29																									
30																									
31																									
MED.	14.7	23.3	16.7	17.8	24.5	13.6	13.4	12.2	12.9	13.3	12.8	97	62	93	84	7.5	3.8	4.6	0.8	1.1	6.4	1.1	--	--	--

Total 180.1 m.m.

ESTACION Jardín MES Marzo AÑO 19 63 φ = 50 30' N λ = 750 50' W.GR - ALTURA 1.630 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.8	26.4	18.4	20.0	27.5	15.4	13.0	13.6	13.9	14.4	14.0	96	54	92	81	7.0	3.4	--	--	--	6.6	1.4	00 0	00 0	00 0
2	14.8	25.0	18.0	19.2	27.2	14.6	13.5	12.1	14.3	14.9	13.8	98	57	90	83	6.3	4.2	6.6	--	--	--	1.2	00 0	14 1	04 1
3	15.8	26.2	19.2	20.1	27.0	15.0	13.0	12.5	12.8	15.0	13.4	93	50	90	78	4.0	2.0	--	--	--	--	1.6	00 0	16 2	16 2
4	14.2	23.2	17.0	18.2	25.0	13.5	12.5	11.9	13.3	13.7	13.0	98	63	90	83	8.7	--	--	--	--	--	1.0	00 0	14 1	04 1
5	14.0	22.4	16.0	18.6	26.5	14.5	13.0	12.8	12.7	12.7	12.7	100	45	93	70	7.7	4.7	--	--	12.0	12.1	1.8	00 0	14 3	00 0
6	14.4	26.4	17.4	18.9	27.0	13.5	12.5	12.4	13.1	14.6	13.4	100	51	98	83	7.3	4.4	0.1	--	2.6	9.8	1.0	00 0	12 3	00 0
7	15.8	23.6	16.6	18.2	25.5	15.5	15.0	13.5	13.3	13.3	13.4	100	80	94	85	5.3	3.9	7.2	0.1	--	0.1	1.0	00 0	00 0	16 1
8	16.0	24.2	17.6	19.8	25.0	15.0	13.0	12.7	14.0	14.3	13.7	93	62	93	83	10.0	0.2	--	-	1.2	6.1	1.0	00 0	12 2	04 1
9	15.4	22.6	17.2	18.1	24.0	15.0	14.0	13.1	12.1	13.9	13.0	100	59	94	84	10.0	1.9	4.9	0.3	0.3	2.9	1.0	00 0	16 1	04 2
10	14.2	24.8	16.0	18.8	25.3	13.5	12.0	12.2	13.6	14.1	13.3	100	58	92	83	9.0	3.3	2.3	--	0.1	1.9	1.0	00 0	16 2	14 1
11	14.8	24.2	16.0	17.8	25.0	14.5	13.0	13.6	13.5	13.7	13.3	100	60	100	87	9.3	2.0	1.8	--	7.4	31.5	0.8	06 1	04 3	12 1
12	15.2	24.4	17.2	18.5	25.5	14.5	14.0	13.0	12.9	14.1	13.3	100	56	96	84	9.7	--	26.1	--	0.9	14.6	0.8	00 0	14 1	04 1
13	15.2	23.0	17.2	18.2	25.5	15.0	14.0	13.0	13.1	13.5	13.2	100	62	92	85	8.3	1.1	13.7	0.2	7.5	22.6	1.0	00 0	02 1	02 1
14	14.2	24.6	17.8	18.8	26.5	14.0	12.0	12.1	13.9	14.2	13.4	100	60	93	84	7.0	6.5	15.1	--	--	--	1.4	00 0	14 1	04 1
15	14.8	26.0	19.4	19.9	26.5	14.0	13.0	12.8	12.6	15.3	13.6	100	50	91	80	10.0	2.2	5.7	--	--	--	1.4	00 0	14 1	04 1
16	17.0	17.6	17.1	17.2	25.0	16.0	15.0	14.0	14.5	14.8	14.4	96	96	100	97	10.0	0.5	--	28.7	0.7	29.5	0.6	00 0	00 0	00 0
17	16.6	23.4	17.0	18.5	25.5	15.0	14.0	13.9	16.2	13.7	14.6	98	76	94	89	7.3	3.9	0.1	0.6	12.1	12.8	0.6	00 0	00 0	04 1
18	14.0	22.0	17.6	17.8	25.0	13.5	12.0	12.1	17.6	14.4	14.7	100	89	85	95	8.3	4.1	0.1	2.5	5.5	10.5	0.8	04 1	00 0	06 1
19	16.0	22.6	17.2	18.2	23.5	15.0	14.5	13.7	14.5	14.1	14.1	100	70	96	89	7.3	1.3	2.5	--	--	--	0.8	00 0	14 3	06 1
20	15.2	27.6	18.0	19.7	28.5	14.0	12.0	13.0	13.9	15.2	14.0	100	50	98	83	3.7	8.4	--	--	--	0.9	1.8	00 0	16 2	00 0
21	16.2	25.6	17.0	18.9	26.5	15.5	14.5	13.5	13.4	13.7	13.5	98	54	82	82	6.0	3.3	0.9	--	--	--	1.0	00 0	14 2	06 1
22	16.6	24.6	18.4	19.5	25.5	15.0	13.0	13.3	13.1	14.4	13.8	94	56	91	80	6.7	--	--	--	--	--	1.2	00 0	14 2	08 1
23	15.6	23.8	18.6	19.2	26.0	14.0	13.0	12.5	15.5	13.8	13.9	93	72	86	84	10.0	0.8	--	--	--	--	1.0	02 1	16 1	08 1
24	16.0	27.0	17.0	18.0	23.0	15.0	14.0	13.1	13.3	13.7	13.4	96	88	94	86	7.7	--	--	--	--	--	1.0	00 0	14 1	08 1
25	15.8	23.6	18.0	18.8	26.6	14.8	13.0	12.7	14.7	14.1	13.8	94	73	92	86	9.7	1.7	--	0.3	1.8	12.1	1.2	00 0	14 1	00 0
26	16.0	25.4	18.6	18.8	26.0	15.0	14.5	13.4	13.2	13.9	13.5	98	54	98	83	10.0	5.1	10.0	--	3.9	3.9	1.2	00 0	16 2	08 1
27	15.4	26.2	18.4	19.4	26.0	14.8	13.0	12.3	13.0	14.5	13.3	94	54	92	80	5.3	3.4	--	--	--	--	1.0	06 1	10 2	08 1
28	17.0	24.6	16.6	18.7	20.4	10.0	14.5	12.9	13.9	13.8	13.5	89	87	96	82	10.0	0.4	--	--	1.4	8.7	1.0	00 0	04 1	06 1
29	15.2	24.2	17.2	18.4	25.8	14.5	13.0	12.4	11.6	13.7	12.6	98	51	93	80	6.7	5.2	7.3	--	--	--	1.6	00 0	14 3	06 1
30	15.8	21.2	18.0	18.2	23.0	15.5	14.0	12.9	14.4	14.1	13.8	96	75	92	88	10.0	0.1	--	0.9	1.7	2.7	0.4	00 0	02 2	06 1
31	16.2	23.2	18.6	19.2	24.0	15.5	14.5	13.5	15.0	15.2	14.6	98	70	94	87	9.0	1.8	0.1	--	--	--		00 0	16 2	04 1
MED.	15.5	24.2	17.6	18.7	25.7	14.7	13.4	12.9	13.9	14.1	13.6	97	62	94	84	8.0	2.6	3.3	1.1	1.9	6.3	1.0	---	---	---

Total 195.6 m.m.

ESTACION Jardín MES Abril AÑO 19 63 φ = 58 34' N λ = 758 56' W.GR - ALTURA 1.630 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.2	21.2	16.8	16.0	22.5	16.5	15.0	14.4	15.9	13.8	14.7	98	85	98	94	10.0	—	—	2.2	2.0	4.3	0.4	00 0	00 0	00 0
2	16.2	22.4	16.4	17.8	24.0	15.0	14.5	13.9	16.1	13.7	14.6	100	79	88	92	10.0	0.6	0.1	0.3	1.8	2.2	0.8	00 0	08 1	00 0
3	15.2	19.4	17.4	17.4	25.0	13.0	12.0	12.4	14.6	14.2	13.7	96	88	96	93	8.7	3.7	0.1	—	1.1	1.9	1.0	00 0	02 1	06 1
4	15.4	20.8	16.8	17.4	21.6	14.0	13.5	12.9	14.1	14.1	13.7	98	77	98	91	10.0	—	0.8	7.9	—	7.9	0.2	10 1	16 1	02 1
5	13.6	22.2	15.0	16.4	23.5	12.5	11.5	11.8	14.1	12.5	12.8	100	70	98	89	10.0	2.8	—	0.1	3.9	4.0	1.2	00 0	12 1	04 1
6	15.2	20.4	16.0	16.9	25.5	14.5	13.5	13.0	15.5	13.4	14.0	100	88	98	95	8.7	1.8	—	-	9.4	9.4	0.8	08 1	00 0	06 3
7	14.0	22.6	17.0	17.6	23.5	13.9	13.0	12.1	12.7	13.2	12.7	100	62	91	84	9.0	4.3	—	—	—	1.4	1.0	00 0	14 2	06 1
8	14.2	24.0	17.0	18.0	25.5	13.5	12.5	12.2	14.8	13.7	13.6	100	66	94	87	9.0	6.7	1.4	—	—	5.5	1.0	00 0	14 2	12 1
9	16.0	26.6	16.0	18.6	27.0	15.0	14.0	13.4	13.0	13.4	13.3	98	50	98	82	8.7	4.3	5.5	—	9.3	9.3	1.2	00 0	14 2	08 1
10	17.4	24.2	17.0	18.9	24.5	13.5	12.5	12.3	13.5	13.6	13.1	90	60	92	81	8.0	4.3	—	—	0.7	3.9	1.0	16 1	14 2	00 0
11	16.6	25.2	17.0	18.9	26.0	14.8	14.0	13.4	13.7	13.6	13.6	94	57	92	81	9.3	2.6	3.2	—	0.8	7.9	1.0	00 0	16 2	06 1
12	15.0	23.6	18.6	18.9	24.5	14.1	13.0	12.3	13.1	14.0	13.1	96	60	87	81	6.7	2.4	7.1	0.3	—	4.8	1.2	06 1	16 2	08 1
13	16.2	24.2	18.0	19.1	24.5	14.9	13.0	13.0	13.5	14.1	13.5	95	60	92	82	9.0	3.8	4.5	0.3	0.4	2.0	1.0	08 1	06 2	00 0
14	17.2	24.6	18.2	19.5	25.5	13.5	12.5	12.8	13.3	13.8	13.3	91	57	91	80	5.7	2.2	1.3	--	--	0.3	1.0	08 1	14 2	00 0
15	16.6	24.4	17.0	18.7	26.0	15.0	13.5	13.6	13.4	13.4	13.5	96	59	96	84	5.3	2.8	0.3	--	--	--	1.2	04 1	14 2	00 0
16	16.8	26.0	20.5	20.9	29.0	15.0	13.5	13.6	14.8	16.1	14.1	96	59	90	82	6.7	7.3	—	—	—	—	1.6	00 0	14 2	00 0
17	16.0	28.0	19.4	20.7	28.6	15.0	13.0	13.3	14.9	15.3	14.5	98	52	96	82	7.3	3.1	--	—	4.7	34.5	1.0	00 0	14 2	14 1
18	15.8	23.6	16.2	18.9	24.0	15.5	18.9	13.5	15.4	15.1	14.7	100	70	98	89	10.0	1.5	29.8	—	--	--	0.8	00 0	14 2	06 1
19	16.4	27.6	17.4	19.7	28.8	15.5	14.0	13.6	14.2	14.6	14.1	98	51	100	83	9.0	6.5	—	—	5.2	37.5	1.2	00 0	12 2	08 1
20	16.2	26.0	16.6	19.8	27.0	15.0	14.5	13.7	14.7	13.5	14.0	98	58	96	84	8.7	4.0	32.3	—	18.4	19.3	1.0	00 0	14 1	00 0
21	15.6	19.6	16.4	17.0	22.0	15.0	14.5	12.7	16.3	13.5	14.2	98	95	96	96	7.3	—	0.9	5.2	0.6	5.8	0.4	00 0	00 0	06 1
22	15.4	23.2	18.6	18.9	24.5	14.0	13.0	12.9	14.0	15.1	14.0	100	65	94	86	10.0	3.9	—	—	—	—	0.8	00 0	14 1	06 1
23	15.8	23.2	15.4	17.4	24.5	15.0	13.0	13.3	15.3	13.1	13.9	98	73	100	90	10.0	0.7	—	—	1.1	1.1	1.0	00 0	02 1	08 1
24	15.6	24.6	17.8	18.9	25.0	14.6	13.5	13.3	13.9	14.4	13.9	100	60	95	85	10.0	0.2	—	—	0.2	13.9	1.0	00 0	00 0	00 0
25	16.2	22.4	15.8	17.5	23.0	15.5	15.0	13.6	14.1	13.4	13.7	98	69	100	89	6.7	--	13.7	2.8	—	2.8	0.2	00 0	12 1	00 0
26	13.0	27.4	19.0	19.5	27.8	12.5	9.5	11.6	13.0	14.7	13.1	100	47	90	79	3.3	8.8	—	—	—	—	1.2	06 1	14 1	06 1
27	17.8	21.2	18.0	18.7	26.5	17.5	15.5	14.6	15.4	14.3	14.8	96	77	92	88	9.3	1.1	—	2.8	2.7	18.0	0.8	00 0	00 0	02 1
28	16.0	23.0	18.0	18.7	23.6	15.0	14.5	13.7	14.1	14.3	14.0	100	68	92	87	10.0	0.7	12.5	—	0.4	31.3	0.8	00 0	00 0	00 0
29	16.0	21.8	17.2	18.0	23.5	15.5	15.0	13.6	13.6	14.7	14.0	100	70	100	90	10.0	1.0	30.9	2.1	11.9	29.0	0.4	00 0	00 0	00 0
30	15.8	24.6	17.4	18.9	26.0	15.0	14.0	13.5	13.9	13.7	13.7	100	60	94	85	9.3	3.8	15.0	—	8.9	16.0	1.0	00 0	16 2	02 3
31																									
MED.	15.8	23.6	17.3	18.5	25.1	14.6	13.5	13.1	14.3	14.0	13.8	98	66	95	86	8.5	2.8	5.3	0.8	2.8	9.1	0.9	--	--	--

Total 274.0 m.m.

ESTACION Jardín MES Mayo AÑO 1963 φ = 50 36' N λ = 75° 56' W.GR - ALTURA 1.630 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	14.6	27.4	16.6	18.8	27.8	13.5	12.5	12.7	14.3	13.6	13.5	100	52	98	83	8.7	8.5	7.1	—	50.3	50.3	1.0	00 0	16 2	08 1
2	14.8	25.0	16.2	18.0	26.0	14.5	13.8	12.4	13.7	13.6	13.2	100	58	100	86	8.7	3.6	—	—	0.7	0.7	2.0	00 0	14 2	12 1
3	16.4	25.6	19.0	20.0	26.0	15.0	14.5	13.5	14.7	14.3	14.2	95	60	88	81	7.0	4.5	—	—	—	5.8	1.0	00 0	04 2	04 1
4	17.2	24.6	17.2	19.0	26.5	16.5	16.0	14.8	15.9	13.7	14.8	100	68	93	87	7.0	5.3	5.8	0.2	0.9	1.1	1.0	00 0	04 2	00 0
5	15.8	22.8	18.4	18.8	25.0	15.0	14.0	13.3	14.5	13.6	13.8	98	70	88	85	7.7	3.5	—	—	9.0	9.0	1.0	16 1	14 1	00 0
6	16.6	25.2	18.0	19.4	26.2	16.0	15.0	13.7	14.4	14.4	14.2	100	60	94	85	10.0	1.6	—	—	—	0.1	0.4	00 0	02 2	16 2
7	17.6	21.0	18.0	18.6	23.0	17.0	15.0	15.2	14.9	15.2	15.1	100	80	98	93	10.0	—	0.1	5.7	—	7.8	0.4	00 0	00 0	06 1
8	15.4	26.0	16.6	18.6	28.0	14.0	13.5	12.9	13.9	13.5	13.4	100	55	96	84	8.7	3.6	2.1	—	16.2	17.3	1.8	06 1	02 2	00 0
9	16.2	21.4	17.4	18.1	24.0	15.5	15.0	13.7	15.3	14.4	14.5	100	80	96	92	10.0	0.8	1.1	0.5	1.2	1.7	1.0	04 1	00 0	08 1
10	16.6	24.6	18.0	19.3	25.3	14.5	11.0	13.4	13.8	14.3	13.8	94	62	92	83	9.7	3.4	—	—	3.5	5.1	1.0	00 0	16 2	08 1
11	16.6	25.6	18.2	19.6	27.0	14.5	12.5	12.9	12.3	14.1	13.1	92	50	91	78	5.3	5.4	1.6	—	2.8	5.4	1.0	08 1	16 2	05 1
12	17.0	25.0	19.0	20.0	26.5	15.5	15.0	13.9	15.6	14.8	14.8	98	66	92	85	7.0	6.2	2.8	0.4	0.6	1.1	1.0	00 0	10 2	04 1
13	18.6	24.4	18.6	20.0	27.2	16.5	15.5	15.4	14.9	14.5	14.9	94	66	92	84	8.0	1.6	0.1	—	0.4	32.1	1.2	00 0	16 1	00 0
14	17.2	21.0	17.4	18.2	21.5	16.0	15.0	13.7	14.9	13.8	14.1	94	80	95	90	10.0	—	31.7	3.5	1.3	26.5	0.8	00 0	00 0	08 1
15	16.6	25.4	18.0	19.5	26.0	15.5	14.5	13.6	12.3	14.1	13.3	94	50	91	78	6.3	6.6	21.7	—	0.1	0.1	1.0	00 0	16 2	14 1
16	17.0	21.4	17.4	18.3	23.5	15.5	14.5	13.3	14.9	14.4	14.2	92	78	96	89	7.7	3.2	—	0.4	4.5	30.7	0.8	00 0	12 1	06 1
17	16.0	24.2	17.2	18.6	25.0	15.0	14.0	13.5	13.5	13.8	13.6	96	60	96	84	6.7	3.0	25.8	4.6	—	29.3	1.0	12 1	12 2	12 1
18	16.8	25.2	18.0	19.5	26.3	15.0	14.5	13.5	12.1	14.0	13.2	96	50	92	79	8.3	8.2	24.7	—	—	—	1.0	00 0	14 3	04 1
19	16.6	22.0	18.0	18.6	23.0	15.0	13.5	13.5	13.8	13.8	13.7	96	70	90	85	10.0	—	—	0.2	—	0.2	0.4	02 1	14 2	04 1
20	16.2	22.2	18.0	18.6	24.0	15.0	13.5	12.7	15.9	14.6	14.4	96	80	95	90	9.7	3.3	—	0.8	2.4	6.3	1.0	00 0	04 2	00 0
21	16.2	25.4	17.4	19.1	25.0	15.0	14.5	13.1	14.6	13.4	13.7	96	60	94	83	8.7	4.8	3.1	—	2.0	2.0	1.0	00 0	04 1	04 1
22	16.8	27.6	19.4	20.8	28.5	14.5	12.5	12.4	13.9	15.7	14.0	91	50	94	78	0.0	8.7	—	—	—	—	1.2	00 0	14 3	00 0
23	18.0	26.8	20.0	21.2	27.5	16.5	15.0	14.3	13.7	15.8	14.6	92	52	90	78	7.7	4.3	—	—	—	—	1.8	00 0	08 2	06 1
24	17.8	25.8	20.2	21.0	27.0	16.5	15.0	12.4	14.9	16.0	14.4	88	60	91	80	9.0	—	—	—	—	3.4	1.0	00 0	14 2	08 1
25	17.2	23.2	18.6	19.4	24.0	16.5	16.0	13.8	15.0	14.5	14.4	98	70	92	86	10.0	—	3.4	1.5	—	10.0	0.6	00 0	14 1	14 1
26	17.8	22.8	18.2	19.2	24.5	16.0	15.0	14.4	13.8	15.8	14.7	94	66	100	87	10.0	1.0	8.5	1.3	1.2	4.1	0.4	00 0	06 1	14 1
27	17.2	25.4	17.8	19.5	26.0	16.0	15.0	14.6	14.5	14.5	14.5	98	61	98	86	9.3	4.4	1.6	—	15.0	19.1	0.6	00 0	12 2	04 1
28	16.2	23.4	18.6	19.2	24.0	15.0	14.5	13.9	16.4	14.5	14.9	96	76	92	88	10.0	3.2	4.1	1.4	—	1.8	0.6	00 0	00 0	04 1
29	15.8	25.6	18.8	19.7	26.0	15.0	14.0	12.9	14.7	15.4	14.3	96	60	92	83	8.3	3.1	0.4	0.1	—	0.6	1.0	00 0	06 2	00 0
30	17.8	25.6	18.6	20.1	26.5	16.5	15.0	14.6	13.4	15.4	14.4	96	54	95	81	8.7	6.0	0.5	—	0.6	4.4	1.2	08 1	06 1	00 0
31	16.6	24.4	16.2	19.3	26.0	15.5	15.0	13.6	13.7	12.9	13.4	96	62	96	85	10.0	4.5	3.8	—	3.9	3.9	1.0	08 1	02 1	06 2
MED.	16.7	24.4	18.0	19.3	25.6	15.4	14.3	13.6	14.3	14.4	14.1	96	63	94	84	8.3	3.7	4.3	0.7	3.8	9.0	1.0	— -	— -	— -

Total 279.9 m.m.

ESTACION Jardín MES Junio AÑO 1963 φ = 50 34' N λ = 75 56' W.GR - ALTURA 1,630 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.4	24.2	18.6	19.2	25.5	14.0	12.5	12.7	15.3	15.6	14.5	96	67	100	88	9.0	3.3	—	0.2	0.6	0.8	1.0	00 0	14 1	08 1
2	16.8	24.8	18.4	19.6	25.5	15.0	13.5	12.8	15.7	14.8	14.3	91	68	92	84	7.7	5.2	—	—	3.0	8.0	1.2	00 0	14 2	04 1
3	17.4	25.8	19.0	20.3	27.0	16.5	15.5	14.8	14.7	15.7	15.0	98	64	99	87	9.3	3.3	5.0	0.2	2.1	8.0	0.8	02 1	00 0	02 1
4	17.8	21.0	17.2	18.3	23.0	16.0	15.0	14.7	16.0	13.8	14.8	96	87	96	93	10.0	2.1	5.7	5.3	14.7	20.1	0.4	00 0	14 1	04 1
5	16.2	25.8	17.8	19.4	26.8	15.0	14.0	13.0	14.0	14.1	13.7	96	56	94	82	9.3	3.1	0.1	—	3.7	3.7	0.6	00 0	00 0	08 1
6	17.2	25.2	18.4	19.8	26.2	16.0	15.0	13.8	15.8	14.0	14.5	96	66	90	84	9.0	3.6	—	—	—	—	1.0	00 0	00 0	00 0
7	16.2	26.0	19.6	20.3	27.0	14.0	12.5	12.9	14.9	15.2	14.3	93	60	89	81	4.7	8.2	—	—	—	—	1.6	08 1	12 1	08 1
8	16.4	24.2	17.4	18.8	27.0	15.5	14.0	13.2	14.0	14.0	13.7	94	62	94	83	7.3	1.5	—	1.5	6.0	7.5	0.6	00 0	00 0	06 1
9	16.0	23.6	17.8	18.8	25.0	15.0	14.0	13.4	14.3	14.4	14.0	98	85	98	86	9.0	—	—	0.2	3.5	9.8	0.8	06 1	14 1	00 0
10	16.8	24.8	18.4	19.6	25.0	16.0	15.5	13.6	15.4	15.4	14.8	98	86	96	97	10.0	2.8	5.1	—	19.8	26.1	1.0	04 1	14 2	00 0
11	16.0	21.0	16.8	17.6	22.0	15.5	15.0	13.3	14.0	13.6	13.6	98	78	98	91	10.0	--	6.3	7.2	31.4	40.0	0.0	00 0	12 1	04 1
12	16.0	21.0	17.6	18.0	23.0	15.0	14.5	13.1	14.3	14.3	13.9	98	80	98	91	10.0	0.3	1.4	1.2	—	19.0	0.8	00 0	12 1	10 1
13	15.6	21.6	16.4	17.5	23.0	15.0	14.5	12.7	14.1	13.5	13.4	98	78	93	89	9.7	0.6	17.8	3.5	—	3.5	0.2	00 0	02 1	06 1
14	14.8	23.4	18.4	18.7	25.0	13.6	13.2	11.9	12.5	14.6	13.0	96	56	96	93	4.0	6.7	—	—	—	13.3	1.0	00 0	14 1	06 1
15	16.2	24.0	19.0	19.5	25.5	15.0	14.0	13.1	14.4	15.4	14.3	98	65	98	87	7.0	6.5	13.3	—	1.7	9.2	1.0	00 0	18 1	00 0
16	16.2	25.0	18.0	19.5	22.3	14.7	13.6	12.9	15.6	13.7	14.1	94	66	90	83	8.0	5.5	7.5	—	—	0.1	1.2	00 0	16 1	06 1
17	17.2	24.0	18.2	19.4	25.7	15.0	12.5	14.8	14.6	14.9	14.8	100	67	96	88	10.0	4.9	0.1	1.0	6.1	7.7	1.0	00 0	16 1	08 1
18	18.8	28.8	18.4	20.6	27.5	14.0	12.5	12.6	12.6	13.9	13.0	77	47	96	70	0.3	10.4	—	—	—	—	2.0	00 0	14 1	04 1
19	15.8	27.4	19.2	20.4	28.0	13.5	11.5	11.6	12.7	14.8	13.0	89	45	88	74	4.3	9.3	—	—	0.1	2.1	2.0	00 0	16 2	14 1
20	16.4	24.0	17.8	19.0	25.0	15.0	13.0	12.9	13.6	14.4	13.6	94	69	96	83	5.3	5.5	2.0	0.6	7.9	8.5	1.0	04 1	00 0	06 1
21	16.4	25.8	18.0	19.5	26.0	14.0	12.5	12.8	13.6	14.3	13.5	89	57	92	79	6.7	4.4	—	—	—	—	1.6	00 0	00 0	04 1
22	16.2	27.6	18.4	20.1	28.5	14.0	12.0	12.4	13.9	14.6	13.6	89	50	92	77	5.0	7.2	—	—	0.3	0.3	1.6	00 0	14 2	16 1
23	15.8	25.0	20.0	20.2	26.2	14.0	12.5	12.4	13.4	15.6	13.8	83	56	94	81	6.0	5.1	—	—	—	0.2	1.0	00 0	14 1	00 0
24	16.6	23.4	17.6	18.8	26.5	15.0	13.5	13.2	15.7	13.8	14.2	93	74	90	86	10.0	4.7	0.2	—	—	—	1.2	00 0	06 1	04 1
25	14.8	24.0	17.8	18.8	25.5	14.0	12.0	12.4	14.5	14.5	13.8	98	66	98	87	9.7	3.7	—	—	2.4	5.3	1.0	04 1	14 1	00 0
26	17.0	26.0	17.6	19.5	27.0	16.0	15.0	13.4	12.7	13.4	13.2	94	50	92	79	6.7	5.4	2.9	—	—	—	1.4	02 1	14 2	10 1
27	17.0	25.4	16.2	19.7	25.5	15.5	14.5	13.6	15.0	13.6	14.1	92	64	88	81	8.3	4.5	—	—	8.3	8.8	1.0	00 0	14 2	00 0
28	16.6	23.8	18.0	19.8	26.0	15.5	14.5	13.4	13.3	14.6	13.8	96	00	90	62	10.0	0.8	2.5	—	0.1	1.4	1.0	04 1	14 2	06 1
29	17.8	23.9	18.0	19.4	25.0	12.0	15.0	14.8	13.3	14.3	14.1	91	69	92	84	10.0	5.0	1.3	—	—	3.0	1.0	00 0	14 1	04 1
30	17.2	26.2	18.6	20.1	27.2	15.5	14.5	14.1	13.1	14.8	14.0	96	51	95	80	9.0	5.5	3.0	0.5	0.1	0.6	1.2	00 0	14 2	00 0
31																									
MED.	16.5	24.5	18.2	19.3	25.7	15.0	13.7	13.2	14.2	14.4	13.9	94	63	94	54	7.8	4.2	2.5	0.7	3.7	6.9	1.0	— —	— —	——

Total 206.0 m.m.

ESTACION Jardín MES Julio AÑO 19 53 φ = 50 34' N λ = 75° 56' W.GR - ALTURA 1.630 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	14.4	25.4	16.6	18.2	26.5	13.5	11.5	12.1	12.3	13.6	12.7	98	50	98	82	7.0	5.8	—	—	6.9	10.9	1.2	02 1	14 2	00 0
2	15.2	19.0	16.8	16.9	21.0	15.0	14.0	12.7	14.5	13.6	13.6	98	88	98	94	9.3	1.9	4.0	7.3	0.2	7.5	0.6	00 0	00 0	06 1
3	15.0	25.8	19.0	19.7	27.5	14.0	13.5	12.5	12.5	15.9	13.6	98	50	95	81	7.0	6.0	—	0.1	—	0.1	1.4	00 0	04 1	04 1
4	16.2	24.4	17.4	18.8	27.2	13.5	12.0	13.0	14.8	13.7	13.8	94	66	93	84	6.7	7.7	—	—	—	—	1.4	06 1	14 1	06 2
5	16.4	26.0	17.4	19.3	28.0	15.0	13.0	12.8	13.7	13.5	13.3	92	56	94	81	10.0	3.6	—	—	8.0	8.0	1.4	00 0	12 3	06 1
6	16.0	21.8	16.6	17.7	22.5	15.0	14.0	13.3	14.5	13.6	13.8	96	75	96	90	8.0	5.2	—	2.1	0.9	3.0	0.6	00 0	06 1	04 1
7	16.8	25.0	16.8	18.8	26.5	14.5	13.5	13.6	13.3	13.4	13.4	96	56	94	82	9.7	7.6	—	—	1.7	1.7	1.0	00 0	00 0	06 2
8	15.6	22.4	17.4	18.2	24.5	13.0	11.5	12.9	12.1	13.1	12.7	96	60	90	82	6.7	5.6	—	—	—	—	0.4	06 1	14 2	04 1
9	16.2	25.2	17.6	19.1	26.5	14.0	12.0	12.3	13.6	14.5	13.5	92	56	94	81	10.0	1.7	—	—	0.7	18.0	1.0	00 0	12 2	06 1
10	16.8	23.6	17.2	18.7	25.0	16.0	15.5	14.0	15.9	13.4	14.4	98	78	92	89	10.0	5.7	17.3	—	10.0	15.5	1.0	04 1	14 2	04 1
11	15.2	22.0	17.4	18.0	25.5	14.5	14.0	13.0	13.6	13.1	13.2	100	67	91	86	8.7	8.6	5.5	0.9	—	4.1	1.0	06 1	14 2	14 1
12	16.0	24.0	17.0	18.5	25.2	15.5	14.5	13.1	14.0	13.5	13.5	96	60	93	83	7.3	4.6	3.2	—	—	3.7	1.0	04 1	16 2	06 1
13	15.2	23.8	17.2	18.3	25.5	15.0	14.0	13.0	13.0	13.9	13.3	98	56	94	83	7.3	7.3	3.7	—	—	—	1.0	00 0	00 0	16 1
14	15.0	26.6	18.0	19.4	27.0	13.0	11.5	11.7	13.3	14.1	13.0	92	51	91	78	6.0	3.0	—	—	—	15.8	1.8	00 0	14 2	02 2
15	15.0	22.6	17.8	18.3	24.5	14.5	14.0	12.4	13.4	14.2	13.3	98	63	92	84	10.0	7.6	15.8	—	—	—	1.2	02 1	12 1	10 1
16	16.4	23.0	17.4	18.5	23.5	15.5	14.5	13.6	13.3	13.5	13.5	96	80	94	84	10.0	4.5	—	—	1.5	35.3	0.8	00 0	14 1	02 1
17	15.0	24.2	17.4	18.5	25.0	14.5	14.0	12.4	12.8	13.6	12.9	98	56	92	82	9.3	4.5	33.6	—	—	0.7	1.0	00 0	14 1	00 0
18	16.0	24.6	15.2	17.7	25.5	15.5	14.0	13.6	13.4	12.4	13.1	98	56	96	84	5.7	5.7	0.7	—	6.4	12.0	1.2	00 0	16 1	00 0
19	15.0	23.6	17.2	18.2	24.0	14.0	13.5	12.4	12.8	13.3	12.8	98	56	92	83	6.3	3.2	5.8	—	0.1	0.3	1.2	00 0	16 2	14 1
20	17.6	24.2	18.0	19.4	25.4	15.5	14.0	13.6	13.6	13.6	13.6	91	63	90	81	8.7	8.1	0.2	—	—	4.4	1.4	00 0	14 2	06 1
21	16.2	24.0	17.6	18.8	25.0	15.5	15.0	13.6	13.8	14.6	14.0	98	60	94	84	6.7	6.5	4.4	1.9	1.5	24.4	1.0	00 0	14 1	00 0
22	16.8	25.4	18.0	19.5	26.0	16.0	15.5	13.6	13.9	13.8	13.8	98	56	90	81	7.3	8.1	21.0	0.1	0.3	0.5	1.4	00 0	14 1	00 0
23	15.2	24.4	18.4	19.1	25.0	13.5	12.0	12.2	12.6	13.5	12.8	94	55	85	78	6.0	6.5	0.1	—	—	—	1.4	00 0	10 1	08 1
24	14.0	26.6	19.0	19.6	27.0	12.5	10.5	11.2	13.0	13.9	12.7	94	50	85	76	2.7	8.2	—	—	—	—	1.6	00 0	02 1	04 1
25	15.4	26.4	16.2	18.5	26.5	13.5	11.5	12.1	12.3	12.3	12.2	93	47	87	76	3.0	8.1	—	—	—	—	1.8	00 0	14 2	04 2
26	13.8	25.0	17.4	18.4	26.0	12.0	10.0	11.3	12.5	12.9	12.2	92	54	88	78	5.3	7.7	—	—	—	—	1.0	00 0	12 1	04 1
27	16.6	24.4	18.0	19.2	24.5	12.5	12.0	12.2	15.2	14.4	13.9	86	66	92	81	6.7	4.3	—	—	0.1	0.4	1.4	00 0	00 0	14 1
28	15.8	25.6	18.0	19.3	26.5	14.0	12.5	12.9	12.3	14.4	13.2	96	50	93	80	5.0	8.3	0.3	—	0.2	1.2	2.0	00 0	18 2	06 1
29	17.8	24.2	16.4	18.8	25.5	17.0	16.0	14.5	12.3	12.9	13.2	94	56	94	81	6.0	3.8	1.0	0.1	1.4	6.6	1.4	00 0	00 0	00 0
30	15.4	24.0	18.0	18.8	25.0	15.0	14.0	12.8	13.6	15.1	13.8	98	60	98	85	9.3	5.4	5.1	1.1	2.0	3.1	0.8	06 1	14 1	02 1
31																									
MED.	15.7	24.3	17.4	18.7	25.4	14.4	13.2	12.8	13.7	13.7	13.3	98	59	92	82	7.4	5.8	3.9	0.4	1.6	6.2	1.2	— —	— —	— —

Total 193.6 m.m.

ESTACION Jardín MES Agosto AÑO 1963 φ = 5° 36' N λ = 75° 56' W.GR - ALTURA 1.630 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.0	21.6	17.8	18.0	22.5	14.5	13.0	12.6	15.7	14.0	14.1	98	82	94	91	9.3	2.7	10.2	4.4	0.5	20.7	0.8	00 0	00 0	04 1
2	14.8	23.4	15.4	17.2	24.0	14.0	13.5	12.4	13.1	12.8	12.8	98	61	97	85	7.3	2.2	15.8	—	1.6	1.6	1.2	00 0	14 1	08 1
3	15.0	24.4	18.0	18.8	25.5	13.0	11.5	11.6	13.4	14.4	13.1	93	58	92	81	7.0	5.9	—	—	—	—	1.2	00 0	16 2	08 1
4	15.8	26.8	18.2	19.7	27.5	15.0	13.0	12.5	14.8	14.8	14.0	93	56	94	81	4.0	7.7	—	—	—	—	1.4	00 0	16 2	14 1
5	17.0	22.0	17.0	18.2	26.0	15.5	14.0	14.0	16.0	14.0	14.4	98	84	96	92	8.7	3.5	—	2.3	0.6	2.9	1.0	00 0	04 1	00 0
6	15.0	23.8	16.2	17.8	25.5	13.5	11.5	11.6	14.7	13.6	13.3	92	66	98	85	4.7	5.2	—	—	3.0	3.0	0.6	00 0	00 0	08 1
7	15.6	24.2	18.2	19.0	26.5	12.5	11.0	12.1	15.1	14.0	13.7	91	66	90	82	7.0	7.3	—	—	9.3	12.4	1.2	00 0	06 1	10 1
8	16.2	24.6	17.6	19.0	25.5	15.0	13.5	13.5	12.8	14.2	13.5	98	55	94	82	6.7	5.5	3.1	0.1	0.7	13.8	1.4	00 0	14 2	10 1
9	16.4	23.0	18.2	18.9	23.5	16.0	15.5	13.6	12.6	14.5	13.6	98	80	94	84	9.3	1.9	13.0	4.6	0.6	9.4	0.6	00 0	00 0	00 0
10	16.2	23.8	18.2	19.1	25.0	15.5	15.0	13.6	14.5	14.0	14.0	100	66	94	87	6.0	5.7	4.2	—	3.9	3.9	1.2	00 0	14 2	08 1
11	15.8	27.0	18.0	19.6	27.4	14.5	13.0	12.6	15.0	14.4	14.0	98	56	94	82	5.7	8.6	—	—	—	—	1.8	04 1	16 2	08 1
12	15.6	25.6	17.4	19.0	26.5	14.5	14.0	12.6	12.3	13.7	12.9	96	50	92	79	6.7	5.1	—	—	—	—	1.6	00 0	00 0	04 1
13	14.6	25.4	18.8	19.4	26.5	13.5	12.0	12.1	13.1	13.5	12.9	96	54	94	78	5.3	7.4	—	—	—	—	1.8	00 0	00 0	02 1
14	15.6	26.2	18.4	19.6	26.5	14.5	12.5	12.6	13.5	14.6	13.6	94	56	92	81	7.0	3.4	—	—	0.1	20.4	1.4	00 0	14 2	04 1
15	16.4	26.4	18.2	19.3	26.5	15.0	14.5	13.2	14.5	14.8	14.2	94	56	94	81	5.3	7.6	20.5	—	—	—	1.4	04 1	14 2	02 1
16	16.0	23.4	16.6	18.1	25.0	15.0	14.5	13.1	12.7	12.9	12.9	96	59	91	82	6.7	5.1	—	—	—	—	1.4	04 1	00 0	00 0
17	15.6	26.4	19.0	20.0	27.5	14.0	11.8	12.5	13.0	16.2	13.9	94	50	98	81	3.7	7.2	—	—	—	-	2.0	00 0	00 0	00 0
18	16.0	24.2	19.2	19.6	25.0	14.3	17.6	12.7	12.2	13.8	12.9	93	53	83	76	7.3	3.8	—	—	—	1.3	1.0	04 1	16 1	06 1
19	17.2	25.0	18.0	19.5	25.5	15.5	14.5	14.1	13.4	14.1	13.9	96	56	91	81	9.3	4.8	1.3	—	—	14.7	1.2	00 0	16 2	06 1
20	16.4	23.4	17.4	18.6	24.0	15.5	15.0	13.7	12.5	13.8	13.3	98	58	94	83	9.0	2.3	14.7	—	0.6	10.4	1.0	00 0	06 1	16 2
21	14.8	22.0	17.6	18.0	24.0	12.5	11.0	12.4	11.9	13.6	12.6	98	80	92	83	4.0	5.3	9.8	—	—	—	1.4	00 0	00 0	02 1
22	16.8	25.4	17.4	19.2	26.5	15.5	14.0	13.5	13.6	14.2	13.8	94	56	96	82	7.7	5.8	—	—	2.1	2.1	1.0	00 0	16 1	06 1
23	16.8	25.4	18.0	19.5	26.0	16.0	14.5	14.1	14.2	14.6	14.3	98	58	94	83	3.3	4.9	—	—	—	14.1	1.2	00 0	00 0	06 1
24	15.6	25.4	16.8	18.6	26.0	14.5	14.0	13.0	12.4	13.5	13.0	98	51	94	81	4.0	5.8	14.1	—	—	—	1.8	00 0	14 1	00 0
25	15.6	27.6	20.8	21.2	28.0	13.5	12.0	12.5	13.9	16.3	14.2	94	50	89	78	4.0	9.7	—	—	—	0.1	2.0	00 0	14 2	00 0
26	16.8	26.4	18.6	20.1	27.5	14.5	13.5	13.5	15.0	14.4	14.3	94	55	90	81	5.0	6.7	0.1	—	—	—	1.2	06 2	00 0	04 1
27	16.6	20.8	16.8	17.7	25.0	15.0	13.0	13.6	13.8	14.1	13.8	96	75	88	90	9.3	2.7	—	2.8	5.3	41.2	1.0	00 0	00 0	00 0
28	15.6	24.0	18.6	19.2	24.5	15.5	15.0	13.0	14.6	14.8	14.1	98	65	94	86	7.7	4.9	33.1	0.8	0.5	2.0	1.2	00 0	12 2	00 0
29	17.6	26.4	18.6	20.3	26.5	16.0	15.0	13.6	14.2	14.4	14.1	91	55	90	79	5.3	7.1	0.7	0.1	—	0.1	1.4	00 0	14 2	06 1
30	16.2	27.4	18.8	20.3	28.5	15.5	14.0	13.0	13.5	14.6	13.7	94	50	90	78	6.7	8.4	—	—	—	—	2.0	00 0	14 2	00 0
31	18.6	25.8	17.2	19.7	26.5	16.5	15.0	14.7	14.0	14.1	14.3	92	58	96	81	8.0	3.3	—	—	4.7	4.7	1.0	00 0	14 2	00 0
MED.	16.0	24.7	17.9	19.1	25.8	14.7	13.5	13.0	13.7	14.2	13.6	95	59	93	82	6.5	5.4	4.5	0.5	1.1	5.8	1.3	— —	— —	— —

Total 178.8 m.m.

ESTACION Jardín MES Septiembre AÑO 1963 φ = 50° 34' N λ = 75° 58' W.GR - ALTURA 1.630 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.4	25.0	17.2	18.9	25.6	14.5	13.0	13.2	14.2	13.7	13.7	94	60	93	82	6.3	--	--	--	--	--	1.2	00 0	16 1	06 1
2	15.0	27.4	17.2	19.2	27.5	14.0	12.5	11.8	12.7	13.0	12.8	53	46	94	78	3.3	9.8	--	--	1.0	1.0	1.4	00 0	14 2	08 1
3	16.0	26.4	18.0	19.5	27.0	14.5	13.0	13.1	13.4	13.6	13.4	96	52	88	79	6.7	6.9	--	--	--	--	1.4	00 0	00 0	00 0
4	16.4	27.0	17.2	19.4	27.5	14.0	12.0	13.1	12.2	12.7	12.7	93	45	86	75	5.0	3.1	--	--	--	--	1.8	00 0	16 2	00 0
5	15.2	26.4	18.4	19.6	27.0	13.0	11.0	12.0	13.0	14.1	13.0	93	50	89	77	6.3	7.8	--	--	--	--	2.0	00 0	14 2	00 0
6	15.8	25.2	17.6	19.0	26.0	14.5	12.5	12.8	14.0	14.2	13.7	96	58	94	83	6.7	3.8	--	--	--	--	1.2	00 0	02 1	00 0
7	16.6	22.8	17.2	18.4	24.5	15.0	13.0	13.2	14.7	13.7	13.9	93	70	93	85	6.7	1.6	--	--	--	--	1.0	00 0	14 1	00 0
8	15.8	25.0	16.0	18.2	26.0	13.5	11.5	12.9	14.2	13.1	13.4	96	60	96	84	7.7	4.7	--	--	10.9	10.9	1.2	00 0	15 2	06 1
9	16.0	25.6	18.0	19.4	26.0	13.5	11.5	13.4	12.3	14.8	12.5	98	50	96	81	6.3	6.5	--	--	2.8	2.8	1.4	00 0	06 1	00 0
10	16.4	22.8	17.2	18.8	24.5	15.0	14.0	13.7	15.3	14.1	14.4	98	73	96	89	6.7	1.7	--	1.2	--	1.2	1.0	00 0	14 1	04 1
11	17.2	26.2	17.6	19.4	26.5	15.5	13.5	13.4	12.8	13.5	13.2	91	50	90	77	2.3	7.1	--	--	--	--	2.0	00 0	14 2	00 0
12	16.6	23.0	18.0	18.9	24.0	15.2	14.3	13.3	14.8	14.1	14.1	94	70	92	85	5.7	1.1	--	1.0	--	1.0	0.8	00 0	14 2	00 0
13	18.0	23.8	18.2	19.3	24.5	15.5	13.5	14.2	15.8	14.8	14.9	98	70	94	87	9.7	3.0	--	0.4	0.6	1.3	1.0	04 1	14 1	00 0
14	17.8	23.8	18.2	19.5	25.5	14.0	13.5	13.8	16.6	13.0	14.4	91	75	83	83	7.0	4.9	0.3	0.1	0.2	0.3	1.4	00 0	14 1	08 1
15	16.8	21.0	17.0	17.9	22.0	15.5	14.5	13.5	14.9	13.5	14.0	94	80	93	89	7.3	--	--	0.3	1.9	2.2	0.4	04 1	00 0	04 1
16	17.6	24.2	17.0	18.9	25.0	14.5	12.5	13.8	13.5	13.4	13.5	91	60	92	81	4.7	4.5	--	--	0.2	0.2	6.8	1.2	06 1	16 1	00 0
17	16.2	23.6	17.2	18.5	24.5	15.0	13.5	13.6	15.4	14.1	14.4	48	70	96	88	6.7	1.6	6.6	1.8	--	1.8	1.0	00 0	00 0	00 0
18	17.0	23.8	17.0	18.6	24.0	15.0	14.5	12.8	12.4	13.9	13.0	87	57	85	80	6.7	0.7	--	3.3	--	30.0	0.4	00 0	14 1	00 0
19	16.8	22.6	16.4	18.0	23.0	16.0	15.0	14.3	15.0	15.7	14.3	100	72	98	90	10.0	0.6	28.7	2.9	2.2	5.3	0.4	00 0	02 1	00 0
20	16.8	20.8	17.0	17.9	21.0	15.0	13.5	14.4	16.0	14.2	14.9	100	87	98	95	9.3	1.8	0.2	3.9	0.5	4.4	0.4	00 0	00 0	00 0
21	16.0	24.8	19.4	19.9	25.5	14.0	12.5	12.4	13.0	13.5	13.0	91	55	80	75	5.3	8.0	--	--	0.1	0.9	0.8	00 0	04 1	04 2
22	16.2	22.8	18.2	18.8	25.0	15.0	14.0	13.5	15.4	14.2	14.4	98	84	91	88	8.7	3.9	0.8	0.3	0.3	7.5	1.0	00 0	14 1	02 1
23	15.6	23.6	18.4	19.4	24.5	15.0	14.0	13.5	15.4	14.8	14.5	95	70	93	86	7.7	3.7	6.9	0.1	--	1.1	1.0	00 0	14 1	04 1
24	16.0	21.4	17.2	17.9	25.5	14.0	17.5	13.4	14.9	13.9	14.1	98	78	94	90	8.0	3.2	1.0	0.3	--	3.5	1.0	00 0	00 0	00 0
25	16.0	25.2	17.8	19.2	25.5	14.5	14.0	13.4	12.1	14.7	13.4	98	50	96	81	10.0	3.0	3.2	--	0.5	13.3	0.8	00 0	00 0	00.0
26	15.2	22.2	17.8	18.2	23.5	14.0	13.0	13.7	14.2	14.2	14.1	98	71	96	88	10.0	3.6	12.8	1.0	0.8	9.2	0.8	00 0	02 1	00 0
27	16.2	23.0	16.6	18.1	24.0	15.5	15.0	13.5	14.5	13.6	13.9	98	68	96	87	7.7	1.7	7.4	--	--	--	1.0	00 0	00 0	00 0
28	15.0	26.6	18.0	19.4	27.5	14.0	12.5	12.3	13.0	13.7	13.0	96	50	89	78	4.0	8.6	--	--	--	16.1	1.4	00 0	16 2	08 1
29	16.6	26.0	17.6	19.4	26.4	15.0	14.0	13.3	12.7	14.0	13.3	94	50	93	79	9.0	5.1	16.1	--	1.7	5.8	1.0	00 0	14 2	02 1
30	16.6	25.2	19.6	20.2	26.0	14.5	13.5	13.2	14.0	14.2	13.8	93	58	83	78	7.7	9.4	4.1	--	0.1	6.2	1.2	00 0	16 2	00 0
31																									
MED.	16.3	24.2	17.8	18.9	25.2	14.8	13.4	13.3	14.1	13.9	13.8	95	63	92	83	7.0	4.0	2.9	0.8	0.8	4.4	1.1	0- -	-- -	-- -
																		Total			132.8	m.m.			

ESTACION Jardín MES Octubre AÑO 1933 φ = 9° 21' N λ = 79° 58' W.GR - ALTURA 1.830 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.0	23.2	16.0	18.8	25.0	15.0	14.0	13.7	15.4	12.7	13.9	100	72	93	88	8.7	4.3	6.1	--	--	--	1.2	00 0	00 0	00 0
2	14.8	24.0	17.6	18.5	25.0	13.5	12.0	11.8	12.4	13.5	12.6	94	55	88	79	5.7	7.7	--	--	--	0.4	1.2	00 0	10 1	02 1
3	16.2	24.8	16.8	18.5	26.5	15.5	14.5	13.5	13.9	13.8	13.7	98	60	98	85	6.3	6.5	0.4	--	--	5.8	1.2	00 0	00 0	14 1
4	16.0	24.2	15.1	17.6	25.5	15.5	14.5	13.7	12.6	12.8	13.0	100	55	99	85	6.3	4.8	5.8	--	16.2	16.9	1.2	06 1	14 1	04 1
5	16.8	22.0	17.0	18.2	25.5	15.0	14.0	13.5	12.9	13.4	13.2	94	65	92	84	7.0	4.5	0.7	2.0	1.9	3.9	0.8	00 0	08 1	08 1
6	16.8	27.0	16.8	19.2	27.5	14.0	12.5	13.8	10.9	12.8	12.4	98	44	90	77	5.0	6.8	--	--	3.1	3.1	2.0	00 0	14 2	06 1
7	15.0	23.8	17.2	18.3	24.5	13.8	12.5	12.0	11.1	12.7	11.9	94	50	87	77	8.7	0.2	--	--	--	--	0.6	00 0	12 2	00 0
8	15.5	25.4	16.6	16.5	26.0	15.0	13.5	12.1	11.6	12.2	12.0	92	48	86	75	7.7	3.0	--	--	--	2.6	1.0	00 0	14 2	00 0
9	16.0	22.4	17.0	18.1	24.0	15.0	14.0	12.8	11.9	13.1	12.6	94	58	90	81	6.7	2.2	2.6	--	0.1	0.4	1.0	00 0	00 0	00 0
10	16.0	25.0	17.0	18.7	25.5	14.3	13.5	13.0	11.7	12.7	12.5	95	49	88	77	6.3	4.3	0.3	--	--	--	1.0	00 0	14 1	00 0
11	15.0	19.0	17.0	17.0	25.2	14.5	13.6	11.5	13.2	13.4	12.7	90	80	92	87	9.0	5.2	--	6.7	0.2	7.2	0.8	00 0	02 1	04 1
12	17.2	24.8	18.2	19.5	25.5	14.0	13.5	13.4	13.1	14.2	13.6	91	58	91	79	6.7	2.8	0.3	--	2.2	19.2	1.0	00 0	16 1	06 1
13	16.8	19.0	16.5	17.2	19.6	15.5	14.0	13.8	13.6	12.7	13.4	96	83	90	90	9.0	--	17.0	4.8	--	9.8	0.8	00 0	00 0	06 1
14	14.0	23.8	17.8	18.2	25.5	13.5	12.0	11.1	10.9	13.8	11.9	93	50	92	78	7.0	4.9	--	--	--	28.0	1.0	04 1	14 2	04 1
15	16.0	22.2	17.0	18.0	23.0	14.0	13.0	12.4	13.4	12.3	12.7	90	66	90	82	4.3	2.4	28.0	0.2	--	0.2	1.2	00 0	00 0	04 1
16	16.8	22.8	17.8	18.8	23.5	15.5	14.0	13.6	11.0	14.0	12.9	96	53	91	80	10.0	0.4	--	--	8.4	12.6	0.2	00 0	00 0	00 0
17	15.8	20.2	17.0	17.4	22.5	15.0	14.5	13.0	13.3	14.0	13.4	98	75	98	90	10.0	1.7	11.2	1.3	0.8	12.3	0.4	00 0	02 2	10 2
18	16.4	23.8	17.4	18.7	24.0	15.0	14.5	13.7	12.4	13.3	13.1	98	56	90	81	9.7	0.8	11.2	0.8	9.3	10.1	0.2	00 0	04 1	06 1
19	16.8	23.0	17.8	18.7	24.5	15.0	13.5	13.8	13.2	14.8	13.9	98	63	98	86	9.0	3.8	--	--	2.0	2.0	1.2	00 0	12 2	00 0
20	15.8	24.8	18.4	19.3	25.3	15.0	13.5	12.7	11.2	15.0	13.0	94	48	94	79	10.0	4.4	--	--	7.4	12.4	1.0	00 0	04 2	02 1
21	16.0	23.8	18.0	18.9	25.0	15.2	14.0	13.4	12.4	13.7	13.2	98	58	89	81	6.7	7.1	5.0	--	0.2	0.2	1.2	00 0	00 0	00 0
22	17.0	23.8	18.2	19.8	25.3	15.5	14.5	13.7	14.5	15.4	14.5	94	58	98	83	8.7	7.1	--	--	3.0	3.0	1.2	00 0	04 1	00 0
23	16.2	25.0	18.0	19.3	26.0	15.0	13.5	13.5	15.4	14.9	14.6	48	65	96	86	9.0	3.2	--	--	--	15.0	1.0	00 0	14 2	00 0
24	15.4	24.4	17.0	18.4	25.5	14.0	13.0	12.9	12.7	13.5	13.0	98	53	91	81	5.7	4.7	15.0	--	--	--	1.0	00 0	15 1	08 1
25	15.8	26.1	18.0	19.4	26.8	14.0	12.5	12.3	11.1	13.4	12.3	93	46	86	75	5.0	7.7	--	--	--	2.7	1.4	06 2	16 1	00 0
26	15.8	26.4	17.4	19.2	26.8	15.0	19.2	12.8	13.3	14.8	13.6	95	50	98	81	6.3	7.5	2.7	--	--	--	1.4	00 0	14 2	00 0
27	16.2	19.8	17.0	17.8	24.4	15.5	14.5	12.9	15.4	14.8	14.4	93	80	98	90	10.0	4.1	--	1.6	--	1.6	0.8	00 0	00 0	00 0
28	16.3	21.8	17.4	18.2	23.8	15.5	14.1	13.3	13.4	14.8	13.8	98	70	98	88	9.7	3.1	--	0.3	--	0.3	0.8	00 0	14 1	00 0
29	15.8	25.5	17.8	19.2	25.9	15.0	13.8	13.2	13.6	14.4	13.7	98	51	94	81	8.3	5.2	--	--	0.5	37.4	1.2	00 0	14 2	14 1
30	16.8	21.8	18.2	18.8	24.0	15.5	15.0	13.8	13.4	14.8	13.9	96	70	94	87	9.0	4.8	36.9	1.8	0.4	29.4	0.8	00 0	00 0	00 0
31	16.2	21.2	17.0	17.8	22.5	14.5	13.7	13.9	14.4	14.2	14.2	100	76	98	91	10.0	0.4	27.2	1.3	9.1	12.6	0.6	00 0	00 0	00 0
MED.	16.0	23.4	17.3	18.5	24.9	14.8	13.7	13.0	12.9	13.7	13.2	98	60	93	83	7.7	4.1	5.5	0.7	1.9	7.9	1.0	--	--	--

Total 245.1 m.m.

ESTACION Jardín MES Noviembre AÑO 1963 φ = 50 34' N λ = 75° 58' W.GR - ALTURA 1.630 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED			7	14	20	TOTAL		7	14	20
1	16.0	21.0	16.4	17.4	23.8	15.0	14.5	13.1	14.0	13.7	13.6	96	74	98	89	5.0	3.0	2.2	1.3	2.2	4.2	0.8	00 0	00 0	04 1
2	16.6	20.8	17.4	18.0	22.2	15.5	14.5	14.3	13.8	14.6	14.2	100	75	98	91	10.0	2.3	0.7	3.9	7.5	15.2	0.4	00 0	00 0	00 0
3	17.8	22.0	16.8	18.3	23.5	16.0	15.0	15.0	13.0	12.9	13.6	98	66	90	85	7.3	2.0	3.8	2.1	—	2.1	0.2	00 0	14 2	06 1
4	16.4	23.6	17.2	18.6	24.0	14.5	13.0	13.7	13.7	14.4	13.9	98	64	98	87	9.3	11.6	—	1.6	1.3	3.7	0.8	00 0	16 1	00 0
5	16.6	25.8	17.4	19.3	26.4	15.5	13.8	14.3	12.5	15.0	13.9	100	50	100	83	7.7	5.1	0.8	—	0.9	1.3	0.8	00 0	14 2	04 1
6	17.0	21.2	17.2	18.1	22.5	14.8	13.6	14.2	12.5	14.4	13.7	98	66	98	87	10.0	1.7	0.4	—	1.8	26.6	0.2	00 0	16 1	00 0
7	16.0	24.6	17.0	18.6	25.0	14.5	13.5	13.1	13.1	13.1	13.1	96	56	90	81	7.0	2.8	24.8	1.3	—	3.1	0.8	00 0	02 2	04 1
8	15.0	24.8	18.6	19.2	26.0	14.5	12.5	12.3	10.9	14.1	12.4	96	47	88	77	6.0	6.1	1.8	—	8.9	11.2	1.0	00 0	16 1	00 0
9	17.0	20.6	16.4	17.6	24.8	16.0	14.5	13.7	13.1	12.6	13.1	94	72	90	85	5.7	5.1	2.3	1.5	0.2	1.7	1.0	00 0	02 1	04 1
10	16.8	25.2	18.2	19.6	26.5	14.7	13.0	13.8	13.0	12.6	13.1	96	54	80	77	7.7	6.5	—	—	0.2	1.2	1.6	00 0	16 1	14 1
11	16.8	21.6	16.8	18.0	22.3	16.0	15.5	14.1	13.0	13.8	13.6	98	68	96	87	10.0	0.6	1.0	7.5	0.4	8.6	0.8	00 0	00 0	12 1
12	16.0	21.6	17.8	18.3	23.5	14.5	13.0	13.4	12.6	13.5	13.2	98	65	89	84	10.0	2.0	0.7	—	--	—	1.0	00 0	16 2	00 0
13	16.0	22.4	16.6	17.9	25.0	15.0	14.0	13.1	11.4	13.9	12.8	96	56	98	83	7.0	4.1	—	—	12.0	19.7	1.2	00 0	02 1	00 0
14	15.6	18.2	16.6	16.7	19.0	15.0	14.5	13.3	12.6	13.6	13.2	100	80	96	92	10.0	0.1	7.7	2.6	4.4	9.3	0.2	00 0	02 1	00 0
15	14.2	17.6	14.4	15.1	18.0	13.5	12.5	11.9	12.4	12.0	12.1	98	82	98	93	8.7	0.2	2.3	0.3	—	0.3	0.2	00 0	14 2	00 0
16	13.0	23.2	15.0	16.5	24.5	12.0	11.5	10.5	9.4	12.3	10.7	95	44	95	78	3.7	8.4	—	—	—	0.1	1.2	00 0	14 2	00 0
17	13.0	25.2	16.8	17.9	26.2	11.5	10.0	10.5	11.2	12.9	11.5	94	47	90	77	5.3	5.7	0.1	—	—	—	1.0	00 0	14 1	06 1
18	15.5	25.8	17.2	18.9	26.0	15.0	13.5	12.1	13.7	14.1	13.3	92	55	96	81	5.7	5.9	—	—	0.4	0.4	1.2	04 1	04 2	00 0
19	16.4	25.0	18.2	19.7	27.0	15.0	14.5	13.2	13.2	13.9	13.4	94	52	89	78	5.7	8.1	—	—	—	0.7	1.4	00 0	16 2	00 0
20	16.6	23.0	17.6	18.7	24.5	15.0	14.0	13.3	12.2	14.2	13.2	94	58	94	82	8.3	3.7	0.7	—	0.2	0.2	1.0	00 0	16 2	06 1
21	16.8	24.6	16.5	18.6	26.0	14.0	13.5	13.8	11.1	12.7	12.5	96	48	90	78	9.3	6.0	—	—	0.6	23.2	1.0	00 0	02 2	06 1
22	15.0	22.6	17.4	18.1	23.0	13.5	12.5	12.8	13.0	14.6	13.5	100	64	98	87	9.7	0.2	22.6	0.1	—	11.1	1.0	00 0	16 1	00 0
23	16.2	22.6	17.2	18.3	23.5	15.5	14.5	13.5	12.7	12.9	13.0	98	62	88	83	6.7	1.7	11.0	0.2	0.3	3.0	0.4	00 0	16 1	06 1
24	15.8	19.5	16.2	16.9	23.5	15.0	14.0	13.5	13.0	13.5	13.3	100	76	98	91	8.7	1.6	2.5	0.5	0.2	1.2	0.8	00 0	00 0	06 1
25	15.0	25.4	17.0	18.6	26.0	14.0	13.0	13.3	11.2	13.4	12.6	98	46	91	78	9.0	6.1	0.5	—	0.6	3.4	1.8	00 0	14 2	06 1
26	15.4	20.0	15.2	16.4	23.5	13.5	13.0	12.4	15.3	12.9	13.5	98	88	100	95	7.7	4.5	2.8	4.5	0.2	4.8	0.6	06 1	14 1	00 0
27	15.6	22.6	15.0	17.0	24.0	13.5	12.5	12.7	13.6	12.8	13.0	96	66	100	87	7.0	4.5	0.1	0.6	1.9	3.9	0.4	00 0	00 0	00 0
28	13.6	24.8	17.0	18.1	26.5	13.0	11.5	11.9	13.2	13.9	13.0	100	56	96	84	5.3	6.8	1.4	—	—	—	1.0	00 0	00 0	06 1
29	16.6	25.0	16.6	18.7	26.0	15.0	13.5	13.7	13.7	13.8	13.7	96	57	98	84	6.0	6.6	—	—	—	0.2	1.2	00 0	14 1	00 0
30	16.2	25.6	16.8	18.8	25.8	15.0	14.0	13.3	13.6	12.9	13.3	96	56	90	81	7.7	7.5	0.2	—	—	7.5	1.0	00 0	14 2	08 1
31																									
MED.	15.8	22.8	16.8	18.1	24.3	14.5	13.4	13.1	12.7	13.5	13.1	97	62	94	84	7.6	4.0	3.0	0.9	1.5	5.6	0.9	-- -	--- -	-- -

ESTACION Jardín MES Diciembre AÑO 19 53 φ = 5° 34' N λ = 75° 56' W.GR - ALTURA 1.630 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.2	23.8	16.4	18.2	26.0	14.5	13.0	13.9	13.3	13.7	13.6	100	60	98	86	6.3	5.2	7.5	--	--	--	1.0	00 0	16 1	00 0
2	15.6	25.0	16.0	18.1	26.0	14.0	13.0	12.5	13.1	12.3	12.6	94	55	90	80	6.7	5.5	--	--	--	0.1	1.4	00 0	14 3	00 0
3	15.8	26.0	16.0	19.4	26.6	14.5	13.0	12.9	12.7	15.2	13.6	86	50	96	81	8.0	4.8	0.1	--	1.2	1.8	1.0	00 0	00 0	00 0
4	15.6	26.4	17.2	18.6	26.0	15.0	13.5	12.8	13.1	13.0	13.0	96	57	98	80	5.0	3.4	0.4	--	--	--	1.2	00 0	16 2	00 0
5	16.6	26.0	19.0	20.1	26.5	15.0	14.0	12.8	13.4	14.1	13.4	90	53	86	76	6.0	5.6	--	--	--	--	1.2	00 0	14 1	06 1
6	17.4	27.0	18.0	20.1	27.5	16.0	14.5	14.0	13.0	13.4	13.5	94	40	86	76	3.0	8.7	--	--	--	--	2.2	00 0	16 2	06 1
7	15.8	26.4	18.2	19.8	27.0	14.0	12.5	12.4	15.0	13.6	13.7	92	59	86	79	4.7	3.2	--	--	--	--	1.2	00 0	16 1	06 1
8	17.0	25.4	18.8	20.0	26.0	14.5	13.5	13.7	13.8	15.4	14.3	94	57	94	82	5.7	--	--	--	--	--	1.0	00 0	16 2	06 1
9	17.0	23.8	18.2	19.3	26.0	15.5	14.5	13.1	13.1	13.7	13.3	90	59	86	79	6.0	5.4	--	--	--	--	1.0	00 0	00 0	08 1
10	14.4	27.0	18.0	19.3	27.5	13.5	12.0	11.3	13.1	13.1	12.5	92	49	85	75	1.3	7.4	--	--	--	--	2.0	00 0	14 1	00 0
11	15.0	25.0	16.6	18.3	25.5	13.5	12.0	11.7	11.1	12.0	11.6	92	47	85	75	5.7	1.0	--	--	--	--	1.4	00 0	02 1	00 0
12	16.8	24.6	17.4	19.0	25.0	14.0	12.5	12.9	12.8	12.6	12.8	90	55	85	77	6.7	0.2	--	--	--	--	1.2	00 0	02 1	00 0
13	16.8	22.4	17.2	18.4	23.5	15.0	13.5	13.6	12.1	12.5	12.7	93	60	85	79	6.7	0.4	--	--	--	--	0.2	04 1	16 1	00 0
14	14.8	25.2	19.0	19.5	26.5	13.5	11.5	11.3	13.3	14.1	12.9	90	55	86	77	7.7	2.7	--	--	--	--	1.2	00 0	14 1	06 1
15	15.2	25.0	18.8	19.4	26.0	14.5	13.6	11.6	14.2	14.6	13.5	90	60	90	80	6.3	3.4	--	--	1.4	1.4	0.8	00 0	16 1	06 1
16	16.6	26.8	20.0	20.8	28.5	15.0	14.5	12.8	14.0	15.0	14.0	90	53	88	77	7.7	5.5	--	--	2.0	46.3	1.2	00 0	14 1	06 1
17	16.0	21.4	16.6	17.6	22.0	15.3	14.5	13.7	12.0	13.6	13.1	100	84	96	87	6.7	--	44.3	--	--	--	0.8	00 0	14 1	00 0
18	13.8	24.8	18.0	18.6	26.5	13.0	11.5	11.1	11.8	14.1	12.3	94	50	93	79	3.3	7.9	--	--	--	--	1.2	10 1	16 1	14 1
19	16.4	26.4	18.0	19.7	26.5	15.0	13.5	13.1	12.3	13.8	13.0	93	47	90	77	9.3	4.5	--	--	2.7	8.6	1.0	00 0	08 2	00 0
20	17.0	26.0	17.8	19.6	26.5	16.5	16.0	13.4	12.7	15.1	13.7	92	50	89	77	5.7	7.4	5.8	--	--	--	1.0	00 0	14 1	06 1
21	16.6	22.4	19.0	19.2	24.0	15.5	14.0	13.9	14.5	14.9	14.4	96	72	91	87	9.7	2.0	--	4.2	--	4.2	0.8	08 1	00 0	08 1
22	14.2	24.6	17.4	18.4	25.5	13.5	12.5	11.6	11.7	13.7	12.3	96	50	92	79	4.0	4.7	--	--	--	--	0.8	06 1	10 1	06 1
23	15.6	26.4	19.4	20.2	27.0	14.5	13.5	11.9	14.5	15.2	13.9	90	56	90	79	6.3	6.8	--	--	--	--	1.2	00 0	14 2	08 1
24	16.8	23.4	18.2	19.1	26.5	15.5	14.0	13.0	15.6	14.5	14.4	92	73	93	86	8.7	4.5	--	1.0	1.8	2.7	1.0	06 1	00 0	06 1
25	16.4	23.4	19.0	19.4	24.0	15.0	13.5	13.4	15.7	16.2	15.1	96	72	98	89	9.3	3.1	0.1	1.6	4.6	6.3	0.6	08 1	16 1	06 1
26	16.2	26.0	18.2	19.6	26.5	15.0	14.0	13.6	14.9	13.7	14.1	98	60	88	82	6.0	6.7	0.1	0.1	--	0.4	1.0	00 0	14 2	06 1
27	17.2	26.6	17.8	19.8	27.0	16.5	15.5	13.4	14.1	13.2	13.6	90	54	86	77	6.0	7.8	0.3	--	--	1.0	1.2	06 1	14 2	08 1
28	17.4	26.4	18.2	20.0	26.5	15.5	14.0	14.6	14.5	13.9	14.3	96	56	88	81	7.3	6.7	1.0	--	0.1	3.1	1.2	00 0	16 2	02 1
29	17.4	26.6	19.6	20.8	27.0	16.5	14.5	14.5	15.2	15.4	15.0	98	58	90	82	8.7	4.0	3.0	0.1	1.4	8.5	1.2	00 0	14 2	04 1
30	17.4	21.4	17.2	18.3	24.0	16.5	16.5	14.8	13.3	14.6	14.2	96	70	100	89	9.3	2.1	7.0	0.4	1.4	18.1	0.4	10 1	10 1	04 1
31	17.4	24.4	17.2	19.0	24.5	13.0	12.0	14.8	13.4	13.8	14.0	96	58	95	84	9.3	3.6	16.3	--	1.1	2.4	0.4	00 0	16 2	06 1
MED.	16.2	25.0	18.0	19.3	25.9	14.8	13.5	13.0	13.5	14.0	13.5	94	57	90	80	6.6	4.3	2.8	0.2	0.6	3.4	1.1	--	--	--

Total 104.7 m.m.

ESTACION: JARDIN — RESUMEN MENSUAL Y ANUAL — ANO: 1.963

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS						Min.	Humedad Relativa					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
							Max.	Min.	Max.		Min.		Med.					Min.	Max.	Min	Med.							Días		
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Med.	Med.	Abs.	D.	Abs.	D.	Sue.	7	14	20	Med.	Abs.	Abs.	Abs.		Med.	Solar		7	14	20	Suma	lluv.	Max.	D.
Enero						15.?	24.3	16.3	18.0	25.4	13.7	27.5	30	11.5	22	12.4	95	55	91	80	45	15.1	10.4	12.5	6.1	(4.4)	1.2	34.7	6.0	10.5	47.2	13	15.9	10
Febro						14.7	23.3	16.7	17.8	24.5	13.6	27.8	28	9.5	15	13.4	97	62	93	84	42	15.1	9.2	12.8	7.5	3.8	1.1	128.8	21.4	29.9	180.1	20	32.0	21
Marzo						15.5	24.2	17.6	18.7	25.7	14.7	28.5	V	13.5	V	13.4	97	62	94	84	45	17.6	11.6	13.6	8.0	2.6	1.0	102.5	33.6	59.5	195.6	19	31.5	11
Abril						15.8	23.6	17.3	18.5	25.1	14.6	29.0	16	12.5	V	13.5	98	66	95	86	47	16.3	11.6	13.8	8.5	2.8	0.9	159.4	24.0	83.5	274.0	25	37.5	19
Mayo						16.7	24.4	18.0	19.3	25.6	15.4	28.5	22	13.5	1	14.3	96	63	94	84	50	16.4	12.1	14.1	8.3	3.7	1.0	150.0	20.6	116.4	279.9	28	50.3	1
Junio						16.5	24.5	18.2	19.3	25.7	16.0	28.5	22	13.5	19	13.7	94	63	94	84	46	16.0	11.6	13.9	7.8	4.2	1.0	74.2	22.0	108.8	206.0	24	40.0	11
Julio						17.7	24.3	17.4	18.7	25.4	14.4	28.0	5	12.0	26	13.2	96	96	59	92	82	15.9	11.2	13.3	7.4	5.8	1.2	121.7	13.6	48.1	183.6	23	35.3	16
Agsto						16.0	24.7	17.9	19.1	25.8	14.7	28.5	30	12.5	V	13.5	95	59	93	82	50	16.3	11.6	13.6	6.5	5.4	1.3	140.4	15.1	33.5	178.8	19	41.2	27
Spbre						16.3	24.2	17.6	18.9	25.2	14.6	27.5	V	13.0	5	13.2	95	63	92	83	45	16.6	11.8	13.8	7.0	4.0	1.1	86.1	16.6	23.8	132.6	22	30.0	18
Octbre						16.0	23.4	17.3	18.5	24.9	14.8	27.5	6	13.5	V	13.7	95	60	93	83	44	15.4	10.9	13.2	7.7	4.1	1.0	170.4	20.8	57.8	265.1	26	37.4	29
Nvbre						15.8	22.8	16.8	18.1	24.3	14.5	27.0	19	11.5	17	13.4	97	62	94	84	44	15.3	9.4	13.1	7.6	4.0	0.9	90.4	28.0	44.2	167.9	27	26.6	6
Dcbre						16.2	25.0	18.0	19.3	25.9	14.8	28.5	16	13.0	V	13.5	94	57	90	80	47	16.2	11.1	13.5	6.6	4.3	1.1	86.0	7.4	17.5	104.7	14	46.3	16
MED. ANUAL						15.9	24.0	17.4	18.7	25.3	14.6	28.0	—	12.6	—	13.4	96	61	93	83	46	16.0	11.0	13.4	7.4	(4.1)	1.1	112.0	19.1	52.9	183.8	260	35.4	—

Precipitación total : 2205.5

Precipitación máxima : 50.3 - 1 - V

Días lluviosos : 260

ESTACION: JARDIN — FRECUENCIA DE PRECIPITACION Y TEMPERATURAS — AÑO: 1.983

MESES	PRECIPITACION																						TEMPERATURAS			
	7 horas más de					14 horas más de					20 horas más de					Total más de							Min. abajo de 14 ºC	Min. arriba de 16ºC	Max. abajo de 23ºC	Max. arriba de 27 ºC
	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0				
Enero	9	6	1	—	—	3	1	—	—	—	7	3	—	—	—	13	8	5	4	1	—	—	21	—	1	5
Febro	15	12	6	3	—	8	3	1	—	—	11	4	—	—	—	20	15	13	11	7	4	—	20	1	6	3
Marzo	17	12	4	1	—	8	2	1	1	—	16	11	2	—	—	19	17	16	13	8	3	—	9	2	2	6
Abril	17	12	6	3	—	10	6	—	—	—	19	13	2	—	—	25	24	19	14	8	4	—	9	2	4	6
Mayo	20	16	4	4	—	13	6	—	—	—	19	13	3	1	1	28	23	18	14	8	5	1	2	11	3	7
Junio	16	13	2	—	—	11	6	—	—	—	18	13	3	1	—	24	19	17	14	5	3	—	9	6	4	8
Julio	16	12	4	2	—	8	4	—	—	—	17	10	1	—	—	23	18	16	11	8	2	—	14	3	2	5
Agsto	13	11	7	2	—	7	4	—	—	—	14	7	—	—	—	19	17	13	9	8	3	—	8	5	1	6
Spbre	12	9	3	1	—	13	7	—	—	—	15	6	1	—	—	22	20	13	10	4	1	—	10	2	3	5
Ocbre	16	12	7	3	—	10	7	—	—	—	16	10	1	—	—	26	21	19	13	11	3	—	8	—	4	1
Nvbre	22	13	3	2	—	14	9	—	—	—	19	8	1	—	—	27	21	16	9	6	2	—	9	3	6	1
Dcbre	12	7	2	1	—	6	3	—	—	—	10	9	—	—	—	14	12	8	5	2	1	—	9	5	1	7
SUMA ANUAL	185	135	49	22	—	111	58	2	1	—	181	107	14	2	1	260	215	173	127	76	31	1	127	40	37	60

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	3	3	3	2	5	3	2	—	1	—	1	1	—	2	5	2	1	—	—	1	1	1	2	4	14
Febro	6	7	9	8	5	5	9	3	4	2	1	3	3	4	4	4	3	5	5	5	3	5	4	5	21
Marzo	10	6	6	6	5	2	4	2	-	—	1	—	2	5	7	8	6	2	2	5	3	4	4	7	24
Abril	5	7	6	6	5	3	7	4	3	5	2	3	2	7	11	12	6	9	8	5	4	8	8	7	25
Mayo	6	5	7	7	8	7	6	3	3	5	3	5	3	9	6	7	7	8	10	8	6	7	5	6	27
Junio	8	5	2	5	6	5	4	5	2	2	4	2	4	6	11	8	8	6	6	8	6	7	7	10	25
Julio	9	7	7	8	7	8	7	6	4	1	1	1	2	2	6	8	5	3	4	2	3	5	7	8	26
Agsto	6	7	5	6	6	4	4	2	2	3	—	1	2	3	6	6	6	6	4	3	4	5	5	7	21
Spbre	4	4	3	3	4	3	2	3	3	1	2	2	3	6	3	6	3	4	6	5	6	7	9	8	23
Ocbre	9	5	5	4	4	2	2	2	1	—	1	2	7	8	13	8	5	5	5	3	4	7	9	10	29
Nvbre	7	6	6	3	5	7	7	6	1	3	5	4	5	7	9	10	10	6	5	7	6	4	13	10	27
Dcbre	5	4	5	7	5	2	4	—	—	—	—	1	2	4	2	3	4	2	5	3	1	3	4	4	16
SUMA ANUAL	78	66	64	65	65	53	52	39	24	22	21	25	35	61	83	82	64	56	60	55	50	63	77	84	279

ESTACION **JARDIN** FRECUENCIA DE NUBOSIDAD - BRILLO SOLAR Y VIENTOS AÑO 1.963

MESES	NUBOSIDAD en décimos		BRILLO SOLAR		NUMERO DE DIAS CON: VIENTOS																											
					7 horas									14 horas								20 horas										
	Bajo 3.0	Más 8.0	Bajo 0.9	Mas 9.0	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C
Enero	3	7	(1	-)	—	—	3	7	1	—	1	—	19	9	1	—	1	2	2	1	9	6	1	—	4	12	4	2	1	1	6
Febro	3	16	4	—	—	—	3	4	—	—	—	—	21	5	—	—	1	2	2	1	10	7	4	2	5	10	—	2	—	1	4
Marzo	—	16	8	—	—	2	1	2	—	—	—	—	26	8	2	3	—	—	1	2	11	4	1	1	8	8	6	—	—	1	5
Abril	—	22	9	—	1	—	1	3	3	1	—	—	21	4	2	—	1	1	—	3	13	6	1	3	1	8	4	—	1	1	11
Mayo	1	21	7	—	1	1	1	2	2	—	1	—	23	6	3	3	2	1	1	3	7	5	1	—	8	5	4	—	2	3	8
Junio	1	17	4	2	—	2	4	2	—	—	—	—	22	4	1	—	1	—	—	3	15	6	1	2	7	7	3	2	—	1	7
Julio	2	12	—	—	—	2	2	4	—	—	—	—	23	4	1	1	1	1	—	4	13	6	1	3	8	8	1	1	—	3	6
Agsto	—	7	—	1	—	—	4	1	—	—	—	—	26	6	—	1	2	—	—	1	11	10	—	3	5	8	4	2	1	1	7
Spbre	1	8	4	2	—	—	2	1	—	—	—	—	27	6	4	1	1	—	—	—	12	6	—	2	4	3	3	—	—	—	18
Ocbre	—	14	5	—	—	—	1	2	—	—	—	—	28	2	2	3	1	—	1	2	10	10	—	2	4	6	1	1	—	2	15
Nvbre	—	12	4	—	—	—	1	1	—	—	—	—	28	9	5	1	—	—	—	—	10	5	—	—	4	8	1	—	1	1	15
Dcbre	2	9	5	—	—	—	1	3	2	2	—	—	23	11	2	—	—	1	2	—	11	4	—	—	2	13	4	1	—	1	10
SUMA ANUAL	13	161	51	5	2	7	24	32	8	3	2	—	287	74	23	13	12	8	9	20	132	75	10	18	60	96	35	11	7	16	112

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	(—	—	—	—	5	7	4	4	7	5	—	—)	(15	14	12	5	6	2	3	2	3	3	3	15)
Febro	—	—	4	4	4	5	4	6	5	4	3	—	28	18	13	7	7	10	10	8	9	9	12	24
Marzo	—	—	4	6	1	4	1	3	3	3	—	—	31	23	14	15	16	12	17	14	14	22	24	31
Abril	—	—	6	6	4	4	4	7	1	1	1	—	29	22	17	15	13	11	13	12	15	22	25	29
Mayo	—	1	4	6	8	7	10	7	3	—	—	—	30	19	15	11	13	11	10	10	11	17	21	27
Junio	—	2	9	15	14	5	4	—	1	1	2	—	24	13	9	9	7	11	5	12	12	18	20	23
Julio	—	3	10	14	16	13	8	4	3	1	1	—	25	12	6	5	3	1	—	7	4	6	13	21
Agsto	—	2	8	12	16	15	8	6	3	3	1	—	26	17	6	4	3	2	—	5	7	5	13	28
Spbre	—	2	5	11	9	7	4	4	3	3	3	—	27	17	10	9	11	11	13	14	10	11	11	26
Ocbre	—	—	5	10	9	9	7	2	3	2	—	—	31	24	11	7	6	7	8	10	15	17	21	30
Nvbre	—	—	5	9	8	8	8	3	4	4	—	—	30	23	12	7	7	8	4	10	11	14	20	30
Dcbre	—	—	2	11	8	7	7	3	6	3	—	—	31	26	10	4	5	6	9	8	8	10	17	31
SUMA ANUAL	(—	10	62	104	103	91	69	49	42	30	11	—	327	228	135	98	97	92	92	112	119	154	200	315)

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: JARDIN — DE LA PRECIPITACION — AÑO: 1.963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m	Durac.	Int. Med.	Int. Max 5/m.	Int. Max 1/m.	h. min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	47.2	13	9	14	23	16.5	30.7	6:45'	15:55'	21:40'	15.6	4:35'	0.05	2.0	0.4	4:35'	15.6	0.05	2.0	0.4
Febro	180.1	20	22	31	53	74.2	105.9	30:50'	39:45'	70:35'	33.7	7:55'	0.07	2.5	0.5	6:00'	30.8	0.10	4.0	0.8
Marzo	195.6	19	29	25	54	130.4	65.2	25:55'	33:55'	59:50'	30.9	2:30'	0.20	4.0	0.8	5:55'	10.0	0.02	0.5	0.1
Abril	274.0	25	42	25	67	160.4	113.6	52:05'	50:55'	103:00'	33.0	4:25'	0.20	3.0	0.6	12:20'	32.9	0.04	1.6	0.3
Mayo	279.9	28	47	33	80	133.9	146.0	40:10'	48:00'	88:10'	50.3	2:10'	0.38	6.5	1.3	8:00'	30.4	0.06	3.0	0.6
Junio	206.0	24	45	32	67	133.5	72.5	34:55'	39:40'	74:35'	30.4	3:45'	0.13	5.0	1.0	8:10'	18.5	0.03	1.5	0.3
Julio	193.6	23	36	38	74	124.0	69.6	27:00'	55:50'	82:50'	33.8	7:40'	0.03	2.0	0.4	7:40'	33.8	0.03	2.0	0.4
Agsto	178.8	19	23	21	44	43.2	135.6	20:50'	43.40'	64:30'	32.8	5:15'	0.10	3.0	0.6	6:20'	14.7	0.03	1.0	0.2
Spbre	132.6	22	34	19	53	47.7	84.9	30:10'	30:45'	60:55'	16.1	6:20'	0.04	1.0	0.2	6:20'	16.1	0.04	1.0	0.2
Ocbre	245.1	26	23	26	59	80.8	164.3	38:50'	42:55'	81:45'	36.1	3:50'	0.15	5.7	1.1	6:05'	11.0	0.03	1.0	0.2
Nvbre	167.9	27	47	43	90	73.5	94.4	43:40'	47:15'	90:55'	26.8	2:35'	0.16	6.0	1.2	5:05'	22.6	0.07	2.0	0.4
Dcbre	104.7	14	18	23	41	24.9	79.8	13:25'	27:10'	40:35'	44.0	6:55'	0.10	5.0	1.0	6:55'	44.0	0.10	5.0	1.0
TOTALES	2205.5	260	375	330	705	1043.0	1162.5	364:35'	474:45'	839:20'	331.5	57:55'	XX	XX	XX	83:25'	280.4	XX	XX	XX

ESTACION Llanadas MES Enero AÑO 1983 φ = 58° 13' N λ = 75° 09' W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.2	21.4	18.2	18.5	22.5	14.4	12.7	12.8	14.7	15.2	14.2	91	77	97	88	4.0	2.1	--	--	0.6	0.6	0.8	00 0	08 1	09 2
2	16.2	20.6	17.2	17.8	22.0	14.4	13.2	13.9	15.2	14.4	14.5	100	94	99	94	5.0	1.8	--	--	--	--	0.7	00 0	06 1	06 1
3	17.0	22.6	18.8	19.2	23.5	15.0	13.2	13.1	15.0	15.1	14.4	90	72	95	86	2.7	4.6	--	--	--	2.4	0.8	00 0	08 1	00 0
4	16.3	21.8	19.4	19.2	22.7	15.3	14.0	13.3	15.3	15.8	14.7	96	80	93	90	7.3	4.5	2.4	--	--	--	1.2	14 1	00 0	00 0
5	17.0	23.3	18.4	19.3	23.5	15.2	13.7	12.9	14.2	15.8	14.2	89	66	98	84	5.0	2.3	--	--	--	0.3	1.2	00 0	06 1	00 0
6	16.1	23.8	18.8	19.3	24.5	14.7	14.5	13.0	14.5	15.4	14.3	94	66	94	85	3.0	4.2	0.3	--	--	4.6	1.3	14 1	06 1	06 1
7	17.8	22.8	18.4	19.8	25.5	15.5	14.8	14.8	16.0	16.3	15.7	97	77	96	90	5.0	5.2	4.8	--	--	--	0.9	00 0	00 0	00 0
8	17.4	22.8	18.2	19.1	24.0	14.0	12.5	12.5	15.6	15.4	14.5	84	76	98	86	3.3	6.2	--	--	--	4.2	1.2	00 0	08 1	10 1
9	18.8	23.0	19.2	20.5	24.0	15.5	13.2	13.4	12.6	15.8	13.9	93	60	94	82	10.0	5.8	4.2	--	--	--	0.9	14 1	10 1	06 1
10	16.4	23.1	19.6	19.7	23.5	15.2	13.7	13.7	16.0	15.8	15.2	98	75	93	89	8.0	4.0	--	--	--	2.8	0.7	00 0	00 0	06 1
11	18.6	22.0	17.4	18.4	23.4	15.8	14.8	13.5	15.6	14.0	14.4	94	79	94	89	7.8	3.0	2.8	0.7	--	2.3	0.4	00 0	00 0	00 0
12	17.0	22.6	18.2	19.0	23.0	15.5	14.3	13.5	15.0	15.4	14.6	93	72	98	88	7.0	6.1	1.6	--	--	--	1.0	14 1	06 1	00 0
13	16.4	25.1	19.8	20.5	25.5	15.0	13.4	12.5	14.4	15.6	14.2	89	60	90	80	7.3	7.9	--	--	2.2	4.7	0.8	00 0	06 1	00 0
14	16.6	26.8	19.6	19.9	25.0	14.5	14.0	12.4	12.8	15.7	13.8	91	55	92	79	7.3	8.6	2.5	--	--	--	1.0	14 2	06 1	00 0
15	16.8	24.0	18.8	19.6	24.5	15.0	13.0	12.2	13.5	14.6	13.4	86	80	90	79	4.7	8.1	--	--	--	8.6	1.2	14 1	08 1	00 0
16	16.2	21.8	18.6	18.8	23.0	15.2	14.5	13.3	13.9	14.1	13.8	96	71	98	85	5.7	5.6	8.6	--	--	--	1.0	00 0	06 1	00 0
17	17.0	26.0	18.2	19.3	26.5	16.5	15.5	14.0	13.0	14.5	13.8	96	58	93	82	8.0	7.3	--	--	--	--	1.3	14 1	16 1	18 1
18	15.2	23.6	17.6	18.5	23.9	13.8	12.5	12.2	13.1	13.8	13.0	94	80	91	91	4.3	7.9	--	--	--	--	1.6	14 2	06 2	06 2
19	15.8	21.2	17.2	18.8	22.4	14.4	12.4	12.1	12.7	12.7	12.5	90	86	86	81	4.7	6.0	--	--	--	--	1.2	14 1	06 1	00 0
20	15.0	21.0	17.4	18.7	23.5	14.2	13.0	11.1	14.0	14.0	13.0	87	74	94	85	1.7	6.4	--	--	--	--	0.8	14 2	14 1	00 0
21	15.5	21.9	19.6	19.1	22.7	13.5	12.0	11.0	13.6	15.7	13.4	83	70	92	82	4.7	5.2	--	--	--	--	0.5	00 0	14 1	00 0
22	15.0	23.2	18.8	17.9	23.7	14.0	12.8	11.3	14.2	13.2	12.9	89	85	92	82	3.0	6.0	--	--	--	--	1.0	14 1	06 1	08 1
23	17.2	25.0	17.2	19.1	28.0	14.0	13.0	11.8	14.2	13.9	13.3	80	60	94	78	1.0	7.7	--	--	0.1	2.5	0.9	00 0	00 0	00 0
24	17.2	22.4	17.6	18.7	23.0	14.9	13.8	11.8	14.3	13.8	13.2	89	90	92	90	5.0	2.9	2.4	--	--	--	0.5	00 0	06 1	00 0
25	16.0	24.8	18.2	19.1	24.3	14.9	13.8	13.7	13.5	15.0	14.1	100	80	98	88	7.0	6.9	--	--	--	0.8	1.3	00 0	02 1	14 1
26	15.4	21.0	18.2	18.2	22.5	14.9	14.0	12.6	14.2	14.5	13.8	96	73	93	87	6.3	3.4	0.8	--	0.5	2.6	1.4	00 0	08 1	00 0
27	15.8	20.2	17.0	17.4	22.4	14.8	14.0	13.0	13.6	16.4	14.5	98	76	100	91	5.3	2.0	2.1	--	--	24.0	0.8	00 0	02 1	00 0
28	16.3	22.6	18.3	18.9	23.7	15.2	14.4	13.5	12.5	13.7	13.2	98	62	88	83	5.0	4.0	24.0	--	--	26.2	0.5	00 0	08 1	00 0
29	16.2	23.4	19.6	18.7	24.2	14.5	13.8	12.4	14.3	18.5	14.4	90	66	98	84	9.3	4.2	26.2	--	--	--	0.4	00 0	00 0	00 0
30	18.8	25.0	19.4	20.1	25.8	14.9	13.8	13.5	14.2	15.6	14.4	95	60	93	83	4.3	5.5	--	--	--	--	0.8	00 0	00 0	00 0
31	18.8	22.2	17.0	18.2	23.3	15.4	14.8	13.5	14.1	14.0	13.9	94	70	98	87	7.0	3.2	--	--	--	--	0.6	00 0	08 1	00 0
MED.	16.4	22.8	18.3	19.0	23.7	14.8	13.6	12.8	14.2	14.9	14.0	92	68	94	85	5.4	5.1	2.7	--	0.1	2.8	0.9	--	--	--

Total 88.6 m.m.

ESTACION Llanadas MES Febrero AÑO 1963 φ = 5° 13' N λ = 75° 00' W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.1	20.6	16.6	17.5	22.0	14.4	13.5	12.3	14.5	13.5	13.4	89	80	95	88	10.0	2.2	--	--	--	9.5	0.9	00 0	06 1	06 2
2	15.6	20.2	18.4	18.1	21.0	14.9	14.0	13.0	14.3	14.4	13.9	98	80	91	90	4.7	2.1	9.5	3.1	--	20.3	0.8	00 0	00 0	06 2
3	15.6	20.2	17.8	17.8	22.4	14.9	16.0	13.0	13.6	14.2	13.6	98	76	93	89	4.7	3.8	17.2	--	2.0	2.0	0.8	00 0	00 0	06 2
4	15.2	21.4	17.6	18.2	22.0	15.0	14.0	13.3	13.3	14.8	13.8	96	70	98	88	10.0	1.5	--	--	--	--	1.2	00 0	00 0	08 2
5	16.6	20.8	18.4	18.5	22.0	16.0	14.4	13.8	14.7	14.2	14.2	96	81	90	89	10.0	1.9	--	--	--	--	0.7	00 0	00 0	00 0
6	17.2	22.6	18.6	19.2	23.4	16.5	14.5	13.7	13.6	14.5	13.9	93	66	91	83	8.3	5.2	--	--	--	0.5	0.8	00 0	00 0	00 0
7	16.8	23.6	19.2	19.6	24.0	15.7	14.8	13.4	13.6	16.1	14.3	93	64	96	84	6.7	3.3	0.5	--	--	--	0.6	00 0	00 0	00 0
8	17.0	20.0	17.8	18.1	22.8	16.0	15.0	14.2	14.4	15.0	14.5	98	83	98	93	10.0	1.6	--	--	1.8	24.5	0.5	06 1	02 1	00 0
9	16.4	22.8	18.6	19.1	23.5	15.5	14.2	13.1	15.5	15.5	14.7	93	75	96	88	7.3	4.8	22.7	0.7	1.0	1.7	1.2	00 0	06 2	00 0
10	17.3	21.4	17.9	18.6	22.0	15.2	15.4	13.9	15.6	15.4	15.0	94	83	99	92	7.7	4.7	--	--	--	0.1	1.4	00 0	06 1	06 2
11	15.8	22.6	18.8	19.2	24.3	14.9	14.1	12.5	15.0	14.8	14.0	88	72	90	83	2.0	5.6	0.1	--	--	11.0	1.0	00 0	06 1	10 2
12	16.0	18.4	17.3	17.2	20.0	13.8	12.4	12.3	13.9	14.8	13.7	90	88	100	93	8.0	1.6	11.0	11.5	0.1	11.9	0.9	00 0	00 0	12 1
13	17.2	21.6	18.6	19.0	22.6	14.7	13.7	13.0	13.7	15.2	14.0	89	71	94	85	8.0	4.3	0.3	--	--	--	0.9	00 0	00 0	00 0
14	15.4	20.2	18.2	18.0	22.0	14.0	12.5	10.5	13.3	14.5	12.8	81	75	93	83	5.0	4.7	--	--	--	--	0.5	00 0	00 0	00 0
15	14.7	21.7	18.4	18.3	23.2	13.2	12.5	10.0	13.9	14.6	12.8	80	71	93	81	4.7	5.2	--	--	--	--	0.5	00 0	00 0	10 1
16	16.4	21.4	19.2	19.0	22.5	14.4	13.6	13.1	13.3	15.0	13.8	93	71	90	85	4.7	1.4	--	--	--	--	0.9	00 0	00 0	06 1
17	17.8	23.6	19.2	19.9	24.0	15.3	14.6	12.0	15.4	15.9	14.4	78	70	95	81	1.7	7.5	--	--	--	42.0	0.7	06 1	00 0	06 1
18	16.4	24.0	19.4	19.8	25.0	14.8	13.4	12.2	13.5	16.0	13.9	87	60	96	81	7.3	5.8	42.0	--	--	20.0	1.2	14 1	00 0	06 1
19	16.7	19.0	16.0	15.7	19.0	14.7	13.7	13.9	13.8	13.5	13.7	97	90	99	95	10.0	0.3	20.0	4.7	0.8	25.1	2.2	14 3	06 1	00 0
20	15.8	22.0	18.2	18.5	23.0	14.1	13.5	12.5	14.0	14.0	13.5	94	71	90	85	5.0	2.5	20.6	--	--	--	1.7	10 2	06 1	00 0
21	15.6	23.2	16.8	18.3	23.5	14.0	13.1	12.2	15.0	13.5	13.6	86	70	94	83	1.7	5.6	--	--	--	3.1	1.4	14 1	08 1	00 0
22	16.4	22.4	17.7	18.5	23.0	15.0	14.1	13.4	12.1	14.7	13.4	96	60	96	84	8.7	2.2	3.1	0.2	7.5	17.1	1.4	00 0	00 0	00 0
23	15.8	22.6	18.6	18.9	23.0	15.0	14.1	13.2	13.6	15.2	14.0	98	66	94	86	6.0	2.8	9.4	11.2	--	13.5	1.8	00 0	08 2	00 0
24	16.6	19.2	18.0	17.9	22.0	15.9	15.0	12.2	14.1	14.1	13.5	86	85	92	88	10.0	4.0	2.3	0.2	0.9	37.7	0.7	00 0	00 0	06 1
25	16.4	23.2	18.4	19.1	24.1	14.5	13.5	12.2	15.0	15.8	14.3	87	70	98	85	10.0	5.4	36.6	--	0.2	0.2	1.0	14 1	00 0	06 1
26	17.6	22.4	19.0	19.5	23.6	15.4	14.0	13.1	15.2	15.7	14.7	87	74	95	85	4.3	5.3	--	--	--	20.6	1.7	14 1	06 1	00 0
27	15.4	22.2	18.7	18.7	22.8	14.1	13.7	11.8	14.2	16.0	14.0	90	71	98	86	2.0	3.5	20.6	--	--	--	1.2	00 0	06 1	06 1
28	15.0	23.8	18.8	19.0	25.5	13.7	12.7	10.2	15.6	15.8	13.9	80	70	98	83	6.7	6.2	--	--	--	--	1.6	00 0	06 1	14 1
29																									
30																									
31																									
MED.	16.4	21.6	18.2	18.6	22.8	14.9	13.8	12.6	14.2	14.9	13.9	90	74	95	86	6.6	3.7	7.7	1.1	10.5	9.4	1.0	--	--	--

Total 261.8 m.m.

ESTACION Llanadas MES Marzo AÑO 19 63 φ = 5º 13' N λ = 75º 00' W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.0	25.8	16.6	19.0	26.6	15.5	14.5	14.0	14.9	13.3	14.1	96	60	94	83	6.7	6.3	--	--	--	1.3	0.9	14 2	06 1	00 0
2	17.4	23.0	19.2	19.7	23.8	16.8	15.1	14.6	13.2	16.1	14.6	98	63	96	86	7.7	2.2	1.3	6.0	--	8.0	0.9	00 0	08 1	00 0
3	16.8	22.0	18.8	19.1	24.0	15.7	14.5	12.0	13.9	14.0	13.3	94	71	88	80	2.0	4.8	--	--	--	--	0.9	06 2	06 2	00 0
4	17.6	24.8	18.8	20.0	26.0	16.0	14.5	13.8	13.2	14.0	13.7	93	58	86	78	4.0	3.8	--	--	--	--	0.8	00 0	14 2	00 0
5	17.2	26.6	18.6	20.2	26.8	15.8	13.8	10.3	11.8	12.3	11.4	70	44	76	63	4.7	6.7	--	--	--	5.6	0.3	00 0	14 2	00 0
6	16.8	22.2	19.0	19.2	22.8	15.2	13.8	12.3	15.9	15.5	14.6	86	90	94	87	5.0	4.2	5.6	--	--	54.5	1.2	00 0	08 1	00 0
7	15.4	23.0	18.0	18.8	24.5	15.0	14.2	13.1	18.7	15.2	15.0	100	79	98	92	6.7	2.8	54.5	4.2	--	5.4	0.8	00 0	08 1	00 0
8	17.2	24.8	19.4	20.2	25.0	15.5	14.3	13.9	14.0	16.3	14.7	94	60	96	83	6.3	3.7	1.2	--	--	30.2	0.8	00 0	08 1	00 0
9	16.8	22.2	18.8	19.1	23.0	16.0	15.4	13.8	15.6	16.0	15.1	98	76	98	90	7.3	3.6	30.2	--	--	1.5	0.8	00 0	00 0	00 0
10	17.4	21.4	18.0	18.7	22.8	15.8	14.8	14.0	15.3	14.9	14.7	94	80	96	90	10.0	1.0	1.5	--	0.6	78.4	0.9	14 1	08 1	00 0
11	16.2	21.6	19.2	19.0	24.5	14.8	14.3	12.3	17.9	15.8	15.0	89	68	94	90	6.7	2.2	76.8	--	2.8	11.3	1.4	00 0	06 2	00 0
12	16.8	21.8	13.4	19.3	23.0	15.4	14.2	13.4	14.7	15.3	14.4	93	75	91	88	9.3	--	8.5	--	--	33.7	2.1	14 1	09 2	08 1
13	16.4	22.2	17.0	18.1	23.0	15.2	14.5	13.4	15.2	14.4	14.3	96	76	93	90	7.7	0.8	33.7	--	1.9	54.2	1.2	00 0	10 1	00 0
14	16.8	22.4	18.0	18.7	23.2	14.8	14.2	13.8	16.1	15.2	15.0	96	80	98	91	9.0	0.2	52.3	--	--	54.9	0.5	10 2	08 2	04 2
15	16.6	22.6	18.2	18.9	24.7	15.3	14.4	13.2	16.8	15.4	15.1	93	81	98	91	9.3	--	64.9	--	--	2.2	1.2	06 2	06 1	08 2
16	17.2	22.6	18.8	19.3	24.7	15.2	14.5	14.4	12.3	15.4	14.0	98	60	94	84	10.0	4.9	2.2	0.8	--	36.5	0.7	14 2	06 1	00 0
17	17.8	22.0	20.0	19.9	26.5	15.8	14.8	13.8	12.8	16.8	14.4	91	65	95	84	7.3	5.8	33.7	--	--	39.7	1.0	14 1	06 1	00 0
18	17.4	23.8	16.2	18.4	26.2	15.2	13.5	13.0	15.3	13.3	13.9	88	66	90	82	4.7	6.8	39.7	--	--	13.3	0.6	14 1	04 1	06 1
19	15.8	22.8	19.6	18.4	25.0	15.2	15.0	12.7	15.5	16.5	14.9	94	75	96	88	7.7	4.8	13.3	--	--	--	0.8	00 0	00 0	00 0
20	18.0	26.0	19.7	20.8	27.0	16.4	15.0	15.2	14.9	15.7	15.6	98	60	96	85	5.3	7.3	--	--	--	--	0.9	00 0	00 0	06 1
21	18.4	25.2	20.2	21.0	26.5	17.7	16.8	14.6	12.1	16.8	14.5	93	50	95	79	7.3	5.0	--	--	--	1.0	0.9	00 0	60 0	00 0
22	17.2	26.0	19.6	20.1	25.4	16.4	15.5	13.2	15.7	16.5	15.1	90	70	96	85	4.0	1.9	1.0	--	--	0.2	0.9	00 0	06 1	00.0
23	17.5	22.0	18.2	19.0	25.2	16.8	16.0	14.0	13.8	14.8	14.2	93	70	94	88	9.7	--	0.2	--	--	1.5	1.6	14 1	06 1	10 3
24	17.4	21.6	17.8	18.6	23.5	15.7	15.8	14.2	15.1	14.7	14.7	96	78	98	90	8.7	--	1.5	--	6.7	37.8	0.9	00 0	08 1	00 0
25	16.4	19.4	18.2	18.0	22.2	15.5	14.5	13.1	15.6	15.4	14.7	93	93	98	95	10.0	1.1	31.1	10.2	0.2	20.5	0.9	00 0	00 0	12 1
26	17.0	19.0	17.6	17.9	22.5	16.2	14.8	14.2	14.8	15.8	14.7	98	80	98	95	10.0	2.1	10.1	0.7	0.3	1.0	0.8	14 1	06 2	06 1
27	16.3	21.2	16.8	17.8	24.5	14.7	14.0	11.2	16.0	12.4	13.2	82	66	87	85	8.0	4.1	--	--	0.9	6.1	1.0	00 0	08 1	00 0
28	17.4	24.0	19.8	20.2	25.0	15.7	14.5	13.7	16.0	16.0	16.2	92	71	93	85	9.0	3.6	5.2	--	--	28.3	1.2	00 0	00 0	00 0
29	16.1	24.4	17.3	18.8	25.0	15.6	15.4	13.8	14.6	13.5	14.0	99	64	92	85	9.0	5.0	28.3	--	--	--	1.2	06 1	00 0	06 3
30	16.6	22.0	18.4	18.8	23.2	15.5	14.2	13.7	13.8	14.2	13.9	97	80	90	89	6.8	--	--	--	--	--	1.8	00 0	00 0	00 0
31	16.5	20.1	16.6	18.4	21.5	16.0	15.5	14.3	14.3	15.1	14.6	100	80	96	92	7.0	0.8	--	--	--	--	1.5	06 1	00 0	08 2
MED.	16.9	22.8	18.5	19.2	24.4	15.7	14.7	13.4	14.7	15.0	14.4	93	72	94	88	7.3	3.1	18.1	0.8	0.4	17.3	1.0	---	---	---

Total 536.1 m.m.

ESTACION Llanadas MES Abril AÑO 1963 φ = 5° 13' N λ = 75° 09' W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.0	20.0	17.3	17.8	20.8	15.4	14.3	12.3	13.4	13.2	13.0	90	76	90	85	10.0	0.1	—	0.9	2.8	4.0	0.8	00 0	08 1	08 1
2	16.3	22.0	18.8	19.0	22.2	15.8	15.0	13.1	13.8	15.7	14.2	95	70	98	87	9.3	1.4	0.3	3.2	1.4	4.8	0.8	00 0	06 2	00 0
3	16.2	19.1	17.2	17.4	21.8	15.5	14.3	13.5	15.0	14.4	14.3	98	90	98	95	10.0	1.3	—	—	0.5	0.7	0.7	00 0	08 1	00 0
4	16.8	21.3	18.2	18.8	21.5	15.4	14.2	13.4	16.1	14.8	14.8	93	86	94	91	10.0	0.4	0.2	—	—	2.7	0.9	00 0	08 1	08 1
5	17.0	18.8	16.4	17.1	20.5	15.2	14.8	13.2	14.4	13.7	13.8	91	90	98	93	6.3	0.7	2.7	3.7	1.2	4.9	0.8	00 0	14 1	00 0
6	16.7	20.8	16.8	17.8	22.8	14.8	14.4	13.8	15.9	13.8	14.4	96	88	98	93	10.0	4.3	—	—	18.5	22.4	1.2	14 2	06 2	00 0
7	16.0	16.2	15.2	15.8	17.0	15.2	14.8	13.1	13.3	12.7	13.0	96	96	98	97	7.0	—	3.9	16.1	1.3	17.7	1.6	00 0	08 1	00 0
8	15.8	22.0	16.8	17.8	22.5	14.0	13.0	12.4	13.8	13.5	13.4	96	70	94	87	8.0	—	0.3	0.1	10.6	10.7	1.7	14 1	00 0	00 0
9	16.2	21.2	16.0	17.3	22.7	14.4	13.2	13.0	13.7	15.8	14.2	94	73	98	88	10.0	3.1	—	—	20.0	20.0	0.8	14 1	08 3	06 1
10	16.0	19.2	17.2	17.4	22.4	15.4	14.7	15.8	15.0	14.8	15.1	98	90	98	95	9.3	3.8	—	2.0	6.0	33.7	1.4	00 0	00 0	00 0
11	16.6	21.1	17.1	18.0	21.5	15.5	14.2	13.9	15.1	13.9	14.3	98	80	94	91	10.0	2.1	25.7	—	—	1.1	1.4	14 2	06 2	00 0
12	16.9	22.2	18.0	18.8	22.6	16.0	15.0	14.1	14.9	15.2	14.7	98	73	98	90	10.0	0.4	1.1	0.2	—	15.5	2.0	14 1	00 0	00 0
13	17.8	23.6	18.4	18.6	24.0	15.8	14.2	14.2	13.1	13.2	13.5	93	60	94	82	9.3	7.2	15.3	—	—	9.7	1.5	14 1	06 1	02 2
14	16.8	22.2	18.6	19.0	22.9	15.4	14.2	13.5	15.5	13.4	14.1	94	77	98	89	7.0	—	9.7	—	—	23.9	1.6	14 1	06 1	02 2
15	16.8	22.5	18.8	19.2	24.5	15.2	14.2	12.5	16.0	16.0	14.8	88	80	98	89	9.0	4.1	23.9	—	—	2.8	1.4	14 1	00 0	06 2
16	17.2	24.6	19.2	20.0	26.0	16.0	15.5	13.9	17.0	16.5	15.8	93	73	98	88	9.0	5.7	2.8	—	0.1	0.1	1.1	00 0	08 1	00 0
17	19.2	21.6	19.8	20.1	24.8	16.7	16.2	14.7	16.2	16.3	15.4	88	79	95	87	4.7	5.4	—	4.4	—	4.4	1.2	14 1	08 3	00 0
18	18.0	22.4	18.8	19.5	23.0	16.5	15.4	14.6	16.1	15.7	15.5	94	80	96	90	10.0	—	—	—	—	—	0.8	06 1	06 1	10 2
19	17.1	23.1	18.2	19.1	24.5	16.4	15.5	14.2	15.0	15.8	15.0	98	70	100	89	8.0	6.0	—	—	38.5	48.9	1.2	14 1	08 1	00 0
20	17.9	21.1	18.0	18.7	22.0	15.5	14.7	14.2	15.2	15.2	14.9	93	84	98	92	10.0	2.8	11.4	—	—	25.8	0.8	00 0	14 2	06 2
21	17.8	21.0	18.6	19.0	24.8	16.2	15.0	13.9	15.4	15.5	14.9	92	83	96	90	7.3	2.1	25.8	—	—	6.7	0.7	00 0	06 2	14 1
22	17.6	23.2	17.8	19.1	24.0	16.2	15.3	14.5	13.4	14.8	14.2	96	64	97	86	5.0	6.3	6.7	—	—	—	0.8	00 0	00 0	14 2
23	17.4	24.0	19.0	19.8	26.0	15.2	14.8	14.8	15.0	15.9	15.2	98	67	96	87	8.7	5.9	—	—	0.7	23.3	0.9	00 0	14 1	00 0
24	18.2	22.4	19.7	20.0	24.5	15.5	14.1	14.8	16.1	16.4	15.8	94	80	95	90	7.3	3.8	22.6	—	—	74.5	0.8	14 1	06 1	00 0
25	17.2	21.6	16.4	17.9	23.0	15.8	15.5	13.1	14.8	13.2	13.7	90	77	94	87	10.0	0.4	74.5	—	—	—	0.8	00 0	00 0	00 0
26	15.7	25.2	19.4	19.7	26.8	13.2	12.2	10.7	17.7	15.8	14.7	80	73	94	82	4.7	8.8	—	—	—	1.7	0.8	06 1	00 0	16 1
27	18.4	24.2	19.6	20.4	24.4	16.1	15.1	14.7	16.1	16.5	15.8	94	72	96	87	7.3	0.7	1.7	—	—	6.5	0.9	00 0	08 1	08 2
28	17.0	21.0	17.0	18.0	24.5	16.4	15.0	14.3	15.4	14.8	14.8	97	82	100	93	10.0	2.6	6.5	6.5	9.0	63.5	0.9	00 0	04 2	08 1
29	16.2	21.4	18.8	18.8	23.5	15.3	14.1	13.1	15.3	14.6	14.3	95	80	90	88	7.0	4.1	48.0	0.6	1.1	12.6	1.0	00 0	06 2	14 2
30	16.5	21.0	17.0	17.9	23.0	15.4	14.2	13.5	14.0	13.8	13.8	94	75	95	88	6.0	—	10.9	—	1.7	2.0	1.2	14 1	06 2	00 0
31																									
MED.	17.0	21.6	17.9	18.6	23.1	15.5	14.6	13.7	15.0	14.8	14.5	94	78	96	89	8.3	2.8	9.8	1.2	3.8	14.8	1.1	— —	— —	— —

Total 445.4 m.m.

ESTACION Llanadas MES Mayo AÑO 19 63 φ = 52 13' N λ = 75 08' W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.8	21.2	18.0	18.9	24.2	16.8	16.0	14.1	15.8	15.6	15.2	88	84	100	91	7.3	3.3	0.3	0.5	3.8	15.1	0.9	08 1	10 2	00 0
2	17.6	22.2	17.0	18.4	23.0	15.7	15.0	13.5	15.0	14.2	14.2	90	74	98	87	8.0	1.7	10.8	—	0.9	0.9	0.9	14 1	00 0	14 2
3	17.8	22.2	18.2	19.1	23.2	15.5	14.6	13.4	14.3	15.4	14.4	88	70	98	85	7.7	5.5	—	—	0.9	7.5	0.8	00 0	06 2	00 0
4	16.6	21.8	17.4	18.3	24.5	15.7	14.3	13.2	15.6	14.2	14.3	93	80	96	90	3.0	—	6.6	—	—	—	0.9	00 0	06 2	02 2
5	17.6	22.8	16.8	18.5	24.2	15.5	14.5	12.4	16.7	12.9	14.0	82	80	90	84	4.3	0.4	—	—	0.1	5.2	1.2	00 0	00 0	00 0
6	17.6	21.1	18.2	18.8	24.1	16.0	15.0	14.2	15.8	15.4	15.1	94	84	98	92	4.7	1.4	5.1	14.2	—	14.2	0.8	00 0	08 1	10 1
7	17.5	23.5	18.2	19.3	24.0	15.4	15.0	14.3	14.2	15.1	14.5	95	65	96	85	8.3	3.5	—	—	13.1	25.9	0.8	14 2	08 2	00 0
8	17.2	22.4	17.2	18.5	24.1	16.2	15.5	13.9	14.8	14.1	14.3	94	72	96	87	9.3	3.6	12.8	—	35.5	40.3	1.2	06 1	06 1	08 1
9	17.6	18.8	17.0	17.8	23.6	15.6	14.8	13.5	14.0	14.2	13.9	90	86	98	91	10.0	0.1	4.8	1.4	—	1.4	1.4	06 1	06 1	00 0
10	16.8	19.4	17.4	17.7	21.5	15.0	14.5	12.0	15.5	15.0	14.2	84	92	100	92	9.3	2.2	—	2.3	1.7	15.7	0.7	14 1	08 1	00 0
11	17.0	24.2	18.6	19.6	24.4	15.5	14.5	13.2	14.0	15.5	14.2	91	62	96	83	7.0	6.5	11.7	—	0.9	17.0	1.0	00 0	06 2	00 0
12	17.8	22.2	18.4	19.2	23.6	15.0	14.3	14.3	12.0	15.6	14.0	94	60	98	84	10.0	4.0	6.1	—	4.8	4.8	1.0	14 1	00 0	06 2
13	17.3	23.2	18.4	19.3	24.2	16.0	15.0	14.6	15.1	16.0	15.2	99	71	100	90	7.0	—	—	—	—	17.6	1.2	00 0	08 1	00 0
14	17.6	21.6	19.0	19.3	22.0	16.8	15.5	14.2	15.4	15.9	15.2	94	80	96	90	10.0	1.3	17.6	0.7	—	3.7	0.9	00 0	00 0	00 0
15	17.0	23.8	19.0	19.7	24.7	16.0	15.0	13.2	13.3	16.2	14.2	91	60	98	83	10.0	1.3	3.0	0.5	0.3	0.8	0.8	00 0	08 2	14 2
16	16.6	23.2	19.2	19.5	24.7	15.8	14.0	12.8	13.4	16.1	14.1	90	64	96	83	6.7	5.6	—	—	—	1.5	0.8	00 0	06 2	00 0
17	17.0	23.4	19.2	19.7	24.2	16.4	15.0	14.2	15.3	15.0	14.8	98	72	90	87	9.3	2.1	1.5	—	—	27.2	0.9	00 0	08 1	00 0
18	17.2	24.2	19.4	20.0	25.2	15.5	14.7	13.2	16.1	16.6	15.3	90	72	98	87	7.0	3.3	27.2	—	—	—	0.6	00 0	00 0	00 0
19	16.6	21.6	18.0	18.5	23.3	15.9	15.0	13.7	15.4	11.6	13.6	96	80	75	84	10.0	2.5	—	0.4	9.1	9.7	0.6	08 2	14 1	00 0
20	18.5	22.2	21.0	20.7	25.6	15.9	15.0	15.2	17.3	16.0	16.2	85	88	87	90	4.0	7.7	0.2	—	—	0.3	0.7	00 0	08 1	00 0
21	18.0	23.6	18.0	19.4	25.2	16.8	15.2	14.1	14.9	15.2	14.7	92	68	98	86	6.7	0.8	0.3	—	—	0.4	0.9	10 2	08 2	08 1
22	17.0	26.2	20.0	20.8	27.0	15.5	14.0	12.5	12.8	16.9	14.1	86	50	96	77	4.7	8.1	0.4	—	—	—	1.7	00 0	08 1	00 0
23	17.2	26.2	20.4	21.9	28.5	16.2	15.2	13.7	14.0	17.0	14.9	93	55	95	81	4.7	8.2	—	—	—	—	1.2	14 1	14 1	00 0
24	18.3	22.6	17.2	18.9	26.0	16.2	14.3	15.1	16.5	13.9	15.2	96	79	94	90	7.3	0.2	—	—	—	—	1.0	00 0	08 1	08 1
25	16.8	22.6	19.8	19.7	23.0	15.4	14.7	13.8	15.1	15.6	14.8	96	73	90	86	7.0	1.4	—	—	—	2.1	1.0	00 0	00 0	00 0
26	17.5	23.0	18.8	19.5	24.5	15.3	14.5	14.4	15.5	15.4	15.1	96	73	96	88	5.3	0.1	2.1	—	—	—	1.2	00 0	00 0	08 1
27	18.4	26.4	19.6	20.5	25.0	15.4	14.2	14.5	14.5	15.4	14.8	83	63	90	79	5.0	5.5	—	—	—	—	0.6	00 0	00 0	06 1
28	17.7	26.8	19.4	20.3	25.0	16.7	15.2	14.2	14.4	15.8	14.8	93	62	94	83	7.0	6.0	—	—	—	—	0.9	00 0	06 1	00 0
29	17.8	25.0	19.1	20.2	26.0	16.2	14.7	13.9	12.2	15.9	14.0	92	51	95	79	6.3	0.3	—	—	—	0.9	0.8	00 0	08 1	00 0
30	18.2	25.6	17.2	19.5	25.8	17.0	16.2	14.8	14.3	11.4	13.5	95	58	77	77	7.3	5.9	0.9	—	—	0.4	1.4	00 0	06 2	12 1
31	18.8	25.0	18.0	19.9	26.0	17.0	16.4	15.4	15.4	15.0	15.3	94	65	97	85	5.3	6.2	0.4	—	—	—	0.6	00 0	06 2	08 2
MED.	17.5	23.0	18.5	19.4	24.5	15.9	14.9	13.8	14.8	15.1	14.6	92	71	94	86	7.1	3.3	3.8	0.6	2.3	6.5	0.9	— -	— -	— -

Total 202.6 m.m.

ESTACION Llanadas MES Junio AÑO 1963 φ = 5° 13' N λ = 75° 09' W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.3	25.6	18.2	20.1	26.4	17.4	16.0	14.8	14.7	12.6	14.0	94	61	80	78	2.7	4.8	--	--	--	--	2.0	14 1	10 2	12 2
2	17.2	25.0	17.4	19.2	25.2	16.2	14.2	13.2	14.2	11.3	12.9	90	60	75	75	8.3	5.4	--	--	--	--	0.6	14 2	10 2	04 1
3	16.4	22.2	17.8	18.5	23.8	16.2	15.2	13.4	12.8	15.0	13.7	96	60	98	85	2.0	3.9	--	--	--	--	0.6	14 2	14 1	00 0
4	16.2	22.0	18.0	18.5	22.6	15.1	14.0	15.8	14.4	15.2	15.1	98	72	98	89	6.0	3.3	--	--	--	--	2.0	14 1	06 1	14 2
5	18.0	24.2	19.0	20.0	24.5	15.0	14.0	12.6	15.9	15.9	14.8	79	70	96	82	5.7	4.1	--	--	--	--	0.8	0.5	00 0	00 0	02 2
6	17.2	23.0	18.3	19.2	23.5	14.8	14.0	13.5	12.6	14.0	13.4	92	60	90	81	3.7	5.5	0.8	--	--	--	0.6	00 0	00 0	08 2
7	17.2	23.9	16.5	18.5	24.1	13.9	12.0	12.2	12.4	13.4	12.7	82	56	95	78	3.3	7.6	--	--	--	--	0.6	14 1	10 2	12 2
8	15.4	23.6	17.0	18.2	24.0	15.0	14.4	12.6	14.9	14.2	13.9	96	88	98	87	9.3	4.9	--	--	--	6.5	0.6	12 1	06 1	06 2
9	15.6	21.0	18.0	18.1	22.5	15.1	14.0	13.0	14.9	15.2	14.4	98	80	98	92	6.3	2.7	6.5	--	--	0.5	0.3	14 1	12 3	09 0
10	19.2	23.4	19.0	20.1	24.5	14.9	14.0	15.3	16.2	15.5	15.7	92	75	94	87	4.0	4.9	0.5	--	--	19.8	0.8	02 1	16 1	06 2
11	17.8	23.0	18.4	19.4	23.6	17.0	16.4	13.2	15.8	15.6	14.9	86	74	98	86	9.7	2.7	19.8	2.2	0.4	28.6	0.6	02 1	14 1	06 1
12	15.8	20.4	18.0	18.0	21.2	15.2	14.3	12.7	14.8	15.6	14.4	94	82	100	92	10.0	2.0	25.0	2.2	--	25.1	0.8	02 2	12 3	02 3
13	17.0	20.2	18.2	18.4	23.0	15.0	14.3	14.0	12.7	14.2	13.6	96	72	91	86	7.3	0.5	22.9	0.1	--	0.1	1.4	02 2	06 2	06 2
14	16.2	24.0	18.2	19.1	25.2	14.8	13.7	12.3	13.5	15.4	13.7	89	60	98	82	8.3	5.4	--	--	--	--	1.0	12 2	08 2	02 3
15	17.7	20.4	18.0	18.5	24.5	15.9	15.0	14.4	14.8	14.3	14.5	94	82	94	90	6.7	5.8	--	--	--	--	0.4	02 2	00 0	00 0
16	17.8	25.5	19.6	20.6	26.0	16.3	15.2	14.2	14.7	16.5	15.1	93	60	91	83	9.0	3.4	--	2.4	--	3.8	0.5	14 3	08 2	08 1
17	16.6	25.8	18.2	19.6	26.2	15.4	14.5	13.2	12.3	11.7	12.4	93	50	74	72	6.7	5.5	1.4	--	--	--	1.2	08 2	10 2	00 0
18	16.2	25.2	19.4	20.0	26.5	14.9	13.4	11.5	13.6	15.6	13.6	84	56	93	78	7.7	3.8	--	--	--	--	0.8	08 2	06 2	08 2
19	16.8	24.3	18.0	19.3	25.0	15.2	14.6	11.5	16.1	14.6	14.1	80	70	94	81	5.7	7.4	--	--	--	--	1.8	00 0	06 2	00 0
20	16.7	24.6	18.6	19.6	25.4	15.2	14.2	13.1	15.0	14.4	14.2	91	65	90	82	5.3	7.2	--	--	--	--	0.8	14 2	14 2	12 2
21	16.8	23.4	17.4	18.7	24.0	15.2	13.4	12.0	13.7	13.7	13.1	84	64	92	80	9.0	6.3	--	--	--	--	1.4	00 0	00 0	00 0
22	15.4	25.4	17.0	18.7	26.2	14.2	13.2	11.1	12.3	13.4	12.3	55	50	92	75	4.0	7.7	--	--	--	--	1.6	14 2	06 1	14 1
23	17.6	24.4	18.4	19.7	25.5	14.4	13.2	11.6	16.1	15.3	14.3	76	72	96	81	4.0	4.1	--	--	--	--	1.4	14 1	10 3	00 0
24	18.4	25.4	18.8	20.3	26.5	15.0	14.0	13.9	17.0	14.5	15.1	88	71	89	82	5.7	1.8	--	--	--	--	0.6	12 2	06 3	00 0
25	15.4	24.2	18.4	19.1	26.5	14.4	13.0	11.2	14.8	14.2	13.4	88	65	90	81	6.3	5.4	--	--	--	--	0.6	02 2	10 2	00 0
26	17.4	25.2	18.4	19.8	26.0	16.4	15.4	14.6	15.7	15.3	15.2	98	85	96	86	9.0	4.7	--	--	--	0.2	1.0	00 0	06 2	10 2
27	17.0	24.2	18.6	19.6	26.0	15.5	13.5	13.5	14.8	13.8	14.0	93	65	96	81	7.7	3.0	0.2	--	--	2.5	0.5	00 0	10 2	10 2
28	16.8	24.2	18.6	19.5	25.0	16.4	15.2	12.4	13.8	13.8	13.3	87	62	86	78	6.3	2.4	2.5	0.7	--	0.7	0.5	10 2	00 0	00 0
29	16.8	24.3	19.8	20.2	25.6	15.7	13.5	12.8	14.8	16.0	14.5	89	65	93	82	8.3	6.1	--	--	--	8.8	0.6	06 2	06 2	14 1
30	17.4	24.2	19.0	19.9	25.8	16.2	15.2	13.6	13.8	16.2	14.5	91	61	98	85	6.7	5.0	8.8	--	--	--	0.6	02 2	10 2	02 3
31																									
MED.	16.9	23.7	18.3	19.3	24.8	15.4	14.2	13.1	14.4	14.5	14.0	90	66	92	83	6.5	4.5	2.9	0.2	--	3.2	0.9	--	--	--
																				Total	96.4 m.m.				

ESTACION Llanadas MES Julio AÑO 1963 φ = 50 13' N λ = 75 09' W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.6	25.8	19.6	20.1	26.6	15.4	14.7	12.1	14.1	15.2	13.8	91	57	89	79	6.3	7.7	—	—	—	0.2	1.9	14 2	06 2	06 2
2	18.2	23.3	18.8	19.8	26.5	16.4	15.2	14.2	13.8	15.5	14.5	91	65	95	84	4.0	4.8	0.2	—	0.5	0.5	1.4	08 2	02 2	02 2
3	17.8	24.1	18.2	19.6	26.0	16.4	15.3	14.2	15.1	14.5	14.6	93	66	93	84	6.0	9.3	—	—	—	—	1.8	00 0	06 2	14 2
4	18.2	26.6	19.2	20.8	27.0	16.6	15.6	14.8	11.5	15.4	13.9	94	43	93	77	4.3	4.2	—	—	—	—	2.0	06 2	00 0	02 2
5	15.8	25.6	18.6	19.5	26.3	15.4	14.4	12.0	14.3	14.5	13.6	89	58	91	79	7.0	7.0	—	—	—	—	1.4	14 2	02 2	06 2
6	16.9	23.4	18.2	19.2	24.8	14.3	13.5	12.4	14.0	14.5	13.6	87	65	93	82	8.3	5.8	—	—	—	21.3	0.9	06 1	06 2	06 2
7	18.0	22.4	18.4	19.3	23.0	16.5	14.2	14.6	14.1	14.5	14.4	94	70	92	85	8.3	5.8	21.3	—	—	—	1.3	08 1	00 0	06 2
8	17.0	23.7	19.4	19.9	25.7	16.5	14.6	14.0	15.6	15.6	15.1	96	70	93	86	9.0	4.4	—	0.8	—	0.8	2.8	14 2	02 2	06 2
9	17.2	22.0	18.8	19.2	24.3	15.3	13.6	12.7	16.1	15.7	14.8	87	81	96	88	8.3	5.5	—	—	—	11.6	1.0	14 2	06 2	06 2
10	17.8	24.2	19.0	20.0	24.5	16.2	15.2	14.4	14.0	15.5	14.6	94	62	94	83	8.7	2.1	11.6	—	0.2	32.3	1.0	00 0	00 0	00 0
11	16.6	21.6	18.7	18.9	22.0	15.0	14.0	12.5	17.0	15.0	14.8	88	88	93	90	8.0	—	32.1	—	0.1	0.2	0.9	00 0	06 2	06 2
12	16.6	25.3	17.4	19.2	26.0	15.3	14.1	12.6	12.5	13.3	12.8	89	52	90	77	8.3	6.8	0.1	—	—	1.4	1.8	14 2	00 0	06 2
13	18.1	23.2	19.4	20.0	24.1	17.5	17.0	14.5	17.6	15.8	16.0	93	83	94	90	9.3	5.5	1.4	0.1	—	0.1	1.4	00 0	00 0	10 2
14	17.0	25.2	19.2	20.1	26.2	14.7	13.4	12.2	14.0	15.4	13.9	84	58	93	78	6.7	7.8	—	—	—	—	1.4	14 2	06 2	00 0
15	16.8	22.0	17.4	18.4	23.0	15.7	14.0	12.0	15.5	14.6	14.0	83	78	98	86	8.7	1.3	—	—	—	—	0.9	00 0	06 1	16 2
16	17.4	22.8	18.4	19.2	24.8	15.5	14.5	12.2	14.0	13.7	13.3	82	67	86	78	8.3	7.3	—	—	—	15.5	1.5	14 2	00 0	14 2
17	16.8	23.8	18.8	19.5	24.0	15.5	14.2	13.6	14.2	14.6	14.1	95	64	90	83	7.7	4.6	15.5	—	—	0.3	1.4	00 0	12 2	04 2
18	18.0	24.2	18.6	19.8	25.0	15.7	15.0	13.4	11.1	11.2	11.9	86	49	70	68	5.0	7.9	0.3	—	—	19.2	1.4	02 2	06 2	00 0
19	17.0	22.8	16.7	18.3	23.2	15.4	14.2	13.2	15.0	12.8	13.7	91	72	89	84	8.3	0.4	19.2	—	—	—	1.0	16 2	08 2	14 2
20	16.2	24.8	19.8	20.1	25.2	14.9	13.6	12.0	15.4	14.8	14.1	87	66	86	80	6.0	7.9	—	—	—	27.4	1.0	14 2	00 0	00 0
21	18.0	23.6	19.4	20.1	24.8	15.9	14.2	14.1	15.4	15.6	15.0	92	70	93	85	4.7	8.1	27.4	—	0.1	11.1	1.2	08 2	00 0	06 2
22	15.9	25.6	18.0	19.4	26.5	14.7	13.7	12.7	17.3	13.7	14.6	94	70	89	84	8.7	7.1	11.0	—	0.2	0.2	1.4	10 1	06 2	08 2
23	17.9	23.9	17.4	19.1	26.5	15.3	14.0	10.8	14.7	13.9	13.1	71	66	93	77	8.3	8.2	—	—	—	—	2.2	14 2	02 2	06 2
24	14.8	24.6	16.6	18.1	25.9	14.0	13.0	11.3	12.6	12.2	12.0	91	54	86	77	4.3	6.8	—	—	—	—	1.8	00 0	10 2	14 2
25	16.2	24.6	17.4	18.9	25.4	15.2	14.0	11.8	10.9	11.7	11.5	85	47	78	70	5.3	7.6	—	—	—	—	0.7	00 0	00 0	06 2
26	17.8	24.2	18.6	19.8	27.0	15.5	14.5	10.6	12.6	14.4	12.5	70	55	90	72	4.0	6.8	—	—	—	—	2.4	14 2	06 2	00 0
27	18.3	25.2	18.9	20.3	26.2	14.7	14.0	11.7	14.4	14.7	13.6	74	61	91	75	4.0	1.0	—	—	—	—	1.6	00 0	00 0	00 0
28	15.4	25.0	19.4	19.8	26.5	14.7	14.0	12.5	13.1	15.2	13.6	95	55	90	80	3.3	5.1	—	—	—	—	1.8	02 2	02 2	14 2
29	16.8	23.8	19.8	20.0	25.2	15.4	14.4	12.4	15.6	16.2	14.7	87	70	94	84	7.0	6.3	—	1.5	—	40.4	1.2	08 2	06 2	08 2
30	17.6	24.4	18.9	19.9	24.8	15.6	14.5	13.5	13.9	15.0	14.1	90	61	93	81	9.0	6.0	38.9	—	—	2.2	1.7	14 2	14 2	14 2
31	16.8	24.8	18.8	19.8	25.0	15.5	14.2	12.5	14.4	15.7	14.2	88	62	96	82	9.3	2.6	2.2	—	—	0.4	2.2	14 2	00 0	00 0
MED.	17.0	24.1	18.6	19.6	25.2	15.5	14.3	12.8	14.3	14.5	13.9	88	64	91	81	6.9	5.6	5.8	0.1	—	6.0	1.6	— —	— —	— —

Total 185.1 m.m.

ESTACION Llanadas MES Agosto AÑO 1963 φ = 50 13' N λ = 75° 09' W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.6	27.2	19.3	20.8	27.5	15.5	14.5	14.6	15.6	15.9	15.4	98	58	95	84	9.0	4.9	0.4	15.4	—	31.4	1.0	00 0	06 2	16 2
2	16.0	26.3	19.1	20.1	28.6	15.2	14.3	13.4	18.0	16.2	15.9	98	70	98	89	8.7	2.0	16.0	—	—	—	0.7	06 1	06 2	00 0
3	16.8	24.2	18.8	19.6	26.3	16.0	15.3	12.3	13.5	14.7	13.5	86	60	91	79	5.3	7.8	—	—	—	—	1.8	14 2	00 0	06 2
4	18.2	24.4	18.8	20.0	25.4	16.9	15.5	14.0	12.6	15.0	13.9	90	55	93	79	2.3	8.5	—	—	—	0.6	1.6	06 2	00 0	00 0
5	17.8	25.0	18.4	19.9	25.4	16.8	16.0	14.4	10.6	14.2	13.1	94	45	90	76	6.7	5.6	0.6	—	—	—	1.4	00 0	02 2	00 0
6	18.1	24.2	18.4	19.8	26.4	14.5	14.0	12.4	13.5	13.7	13.2	80	60	86	75	8.3	6.7	—	—	—	—	1.4	02 2	06 2	00 0
7	15.6	24.4	18.4	19.2	25.4	14.7	13.7	11.9	13.6	14.2	13.2	90	60	90	80	3.7	7.9	—	—	0.2	2.1	1.6	02 2	00 0	00 0
8	16.5	24.6	19.2	19.9	25.4	15.8	14.8	13.8	13.9	15.3	14.3	98	60	92	83	9.3	6.7	1.9	—	—	2.7	1.2	02 2	06 2	06 2
9	17.8	22.4	18.8	19.4	24.0	16.0	15.4	14.7	14.3	15.7	14.9	96	70	96	87	9.0	6.7	2.7	9.3	—	9.3	0.8	14 2	02 1	10 2
10	17.4	24.0	18.0	19.3	24.3	16.3	15.0	15.0	13.0	14.9	14.3	100	58	96	85	6.7	8.1	—	—	—	—	0.7	02 2	06 2	00 0
11	17.0	27.0	18.4	20.2	27.4	14.8	13.6	13.1	11.9	14.6	13.2	90	44	93	76	1.3	5.0	—	—	—	—	1.5	02 2	00 0	08 2
12	16.3	25.2	18.8	19.8	26.2	14.6	13.8	12.4	11.6	14.2	12.7	90	46	87	74	8.3	6.1	—	—	—	—	2.1	02 2	00 0	00 0
13	17.0	26.4	18.6	20.1	27.0	15.8	14.4	13.7	13.7	14.4	13.9	94	49	90	78	8.7	8.0	—	—	—	1.7	2.3	02 2	10 2	02 2
14	18.0	25.8	19.2	20.5	27.0	16.0	15.8	14.6	14.9	15.0	14.8	94	60	90	81	5.0	5.1	1.7	—	—	22.2	2.3	02 2	10 2	02 1
15	18.0	24.0	18.8	19.9	25.5	16.0	14.8	15.2	13.6	15.7	14.8	98	61	96	85	8.3	7.3	22.2	—	—	1.3	1.8	00 0	06 2	06 2
16	18.2	24.0	18.0	19.5	25.4	16.3	15.0	14.0	13.6	13.8	13.8	90	61	96	82	5.0	4.8	1.3	—	—	24.4	2.2	00 0	10 2	10 2
17	18.0	25.8	18.2	20.0	26.9	14.9	14.0	13.6	13.0	14.0	13.5	88	53	90	77	4.3	7.6	24.4	—	—	—	1.4	00 0	16 2	16 2
18	17.1	26.2	19.0	20.3	27.5	15.3	14.1	12.5	12.8	14.8	13.4	86	50	90	75	8.0	5.7	—	—	—	—	1.8	00 0	08 2	06 2
19	17.0	22.7	19.2	19.5	24.0	16.0	15.4	14.2	14.9	15.9	15.0	98	74	95	89	6.7	5.8	—	—	—	44.9	1.4	00 0	02 2	06 1
20	17.2	21.3	17.4	18.3	22.0	15.2	14.2	14.0	15.1	14.2	14.4	95	90	95	90	9.0	8.7	44.9	4.6	5.5	21.1	1.8	00 0	00 0	00 0
21	16.2	23.3	18.0	18.9	24.8	15.0	14.3	13.9	15.0	13.8	14.2	100	70	90	87	6.7	5.9	11.0	—	—	—	1.0	00 0	06 2	00 0
22	18.1	25.8	19.4	20.7	26.4	15.9	14.7	13.7	13.7	14.0	13.8	84	55	83	76	4.0	7.5	—	—	—	—	1.8	16 2	06 2	06 2
23	18.2	26.4	20.4	21.3	26.8	17.0	16.0	14.8	13.6	16.0	14.8	94	50	90	78	9.0	5.5	—	—	—	—	1.3	00 0	06 2	09 0
24	17.6	23.4	19.2	20.3	26.7	17.0	16.5	14.0	14.6	14.2	14.3	93	60	86	80	4.7	3.6	—	—	—	—	1.2	02 2	00 0	06 2
25	18.6	26.8	20.0	21.3	27.3	16.0	15.0	13.0	14.6	16.1	14.6	81	55	93	76	6.3	7.8	—	—	—	—	1.8	02 2	06 2	00 0
26	17.4	25.5	19.2	20.3	26.0	15.2	14.2	13.3	13.7	14.1	13.7	90	56	85	77	6.0	3.7	—	—	—	—	0.2	02 2	00 0	06 2
27	17.8	25.2	19.2	20.3	25.8	15.2	14.2	13.2	12.1	15.0	13.4	88	50	90	76	7.3	4.9	—	—	—	—	1.9	02 2	16 2	14 2
28	17.4	24.8	17.6	19.3	25.5	15.5	14.7	14.0	14.0	13.5	13.8	94	60	90	81	5.0	3.6	—	—	—	—	0.8	02 2	00 0	02 1
29	18.0	27.4	19.4	21.0	28.0	15.0	13.6	13.6	13.3	15.3	14.1	88	48	91	76	0.0	8.6	—	—	—	—	3.2	02 2	00 0	06 2
30	17.3	28.0	18.2	20.4	28.5	15.6	14.6	13.2	12.7	14.0	13.3	90	44	90	75	4.0	2.8	—	—	—	0.3	1.8	02 2	00 0	02 4
31	17.8	24.0	18.6	19.7	25.0	16.2	15.0	13.9	14.9	14.4	14.4	92	66	90	83	4.0	7.0	0.3	—	—	—	2.1	10 2	08 2	02 2
MED.	17.4	25.1	18.8	20.0	26.0	15.7	14.7	13.7	13.7	14.7	14.0	92	58	91	80	6.1	6.1	4.1.	0.9	0.2	5.2	1.5	— —	— —	— —

Total 162.0 m.m.

ESTACION Llanadas MES Septiembre AÑO 1963 φ = 50 13' N λ = 75°09' W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.0	26.6	18.9	20.6	27.0	15.7	14.2	13.8	13.0	14.3	13.7	90	50	98	76	0.0	5.4	—	—	—	—	0.0	00 0	00 0	00 0
2	16.2	27.8	19.2	20.6	28.2	14.5	13.4	11.8	12.0	14.1	12.6	85	43	85	71	3.7	8.9	—	—	—	—	2.6	14 2	00 0	06 2
3	18.0	27.6	19.6	21.2	28.2	16.4	15.0	10.8	11.1	14.5	12.1	69	40	85	65	3.0	8.5	—	—	—	—	2.9	16 2	02 2	00 0
4	17.0	26.4	19.4	20.5	27.0	15.6	14.6	11.9	12.8	14.4	13.0	85	48	86	73	2.0	6.5	—	—	—	—	2.6	14 2	00 0	06 2
5	17.4	25.2	19.0	20.1	26.5	17.3	15.8	12.2	14.1	14.3	13.5	82	57	97	75	3.7	6.6	—	—	—	—	2.6	16 2	02 2	02 2
6	16.2	24.0	18.2	19.1	25.0	14.8	14.2	11.8	12.7	14.2	12.9	85	69	90	81	2.3	4.1	—	—	—	—	2.3	00 0	00 0	16 3
7	17.0	25.0	18.4	19.7	25.6	15.8	14.2	14.2	14.0	14.2	14.1	98	58	90	82	2.0	3.1	—	—	—	—	1.8	02 2	14 2	06 2
8	17.6	23.2	18.5	19.4	24.0	15.0	14.4	13.8	15.0	15.2	14.7	92	70	95	86	0.0	2.8	—	0.2	—	0.2	1.9	14 2	08 2	16 2
9	17.2	25.6	19.5	20.7	27.0	15.6	14.3	11.8	13.0	15.3	13.4	80	50	90	73	3.7	8.5	—	—	—	19.4	1.1	02 2	00 0	00 0
10	17.1	24.4	18.0	19.9	25.5	17.0	16.0	13.4	13.4	15.5	14.1	92	58	94	81	2.7	3.8	19.4	—	—	—	1.6	02 2	14 2	02 2
11	18.4	27.0	20.2	21.4	28.6	17.0	16.0	14.2	14.0	14.6	14.3	90	56	92	75	2.0	6.0	—	—	—	22.3	1.6	00 0	16 2	06 2
12	17.0	25.4	18.5	19.8	25.5	15.8	14.4	13.7	13.2	15.4	14.1	94	56	98	81	6.7	4.9	22.3	0.1	—	0.1	3.8	00 0	16 1	04 2
13	17.8	26.0	19.1	20.4	27.0	16.0	15.0	12.2	14.9	14.9	14.0	82	60	91	78	2.0	5.6	—	—	—	—	1.6	16 2	10 2	12 2
14	19.2	24.4	20.0	20.9	25.0	15.7	14.0	15.2	14.0	16.2	15.1	90	82	93	82	4.7	7.6	—	—	—	2.0	2.9	12 2	06 2	06 2
15	17.4	24.4	19.8	20.3	25.5	16.3	15.0	14.2	15.6	15.4	15.1	96	68	88	84	7.3	9.2	2.0	—	—	4.0	0.8	00 0	00 0	12 1
16	18.3	23.4	19.4	20.1	24.0	17.0	16.0	15.4	12.9	14.7	14.3	97	60	88	82	2.0	4.6	4.0	—	—	8.5	1.3	00 0	00 0	14 2
17	17.8	22.6	18.4	19.1	22.6	16.2	15.0	14.7	14.3	15.3	14.8	96	72	96	88	0.0	2.3	8.5	0.3	—	0.3	1.0	00 0	06 2	02 2
18	16.6	21.0	18.8	19.3	21.5	15.0	14.0	13.6	13.0	15.7	14.1	96	70	91	86	2.3	—	—	—	—	—	1.0	00 0	00 0	00 0
19	17.8	24.4	18.0	19.5	25.0	16.2	15.0	14.7	15.6	14.6	15.0	96	68	94	86	0.0	1.4	—	—	0.1	18.7	0.8	02 2	00 0	06 1
20	17.2	21.6	17.8	18.6	22.2	15.5	14.6	13.4	15.1	12.8	13.8	91	78	84	84	0.0	5.7	18.6	—	3.7	8.9	1.0	14 2	05 2	16 2
21	15.4	25.0	17.4	18.8	25.5	14.2	13.5	12.3	13.1	14.2	13.2	94	55	95	81	2.3	7.2	5.2	—	0.3	4.3	1.2	02 2	06 2	06 2
22	16.8	24.2	18.0	19.6	25.0	15.2	14.2	13.4	13.5	13.1	13.3	93	80	80	78	2.7	4.9	4.0	—	—	—	1.0	14 2	05 2	00 0
23	16.2	24.2	19.4	19.8	24.4	14.6	13.6	11.0	14.8	15.2	13.7	80	65	90	78	2.7	6.7	—	—	—	—	1.6	02 3	06 2	06 2
24	16.0	25.0	20.8	21.1	27.0	14.8	13.6	13.7	14.2	14.1	14.0	89	60	77	75	3.7	7.8	—	—	—	16.0	2.0	02 2	00 0	08 1
25	17.6	25.6	19.2	20.4	26.0	16.0	15.0	13.2	12.3	15.6	13.7	86	50	94	77	0.0	4.6	16.0	—	—	6.1	1.6	02 2	06 2	06 2
26	17.8	21.2	19.0	19.2	22.5	15.5	13.2	14.7	13.2	15.9	14.6	96	70	96	87	2.3	2.6	6.1	1.6	—	55.4	0.6	02 2	00 0	16 1
27	15.6	24.0	19.4	19.6	25.0	14.4	13.8	13.3	12.4	14.7	13.5	100	56	88	81	4.3	6.7	53.8	0.3	—	0.3	1.0	06 2	10 2	14 2
28	18.6	25.6	18.8	20.4	26.3	17.0	16.0	14.1	15.8	15.6	15.2	88	64	93	82	4.0	7.4	—	—	—	0.6	1.8	16 2	08 2	16 2
29	17.9	23.8	18.0	19.4	25.0	16.0	15.2	15.1	13.9	13.4	14.1	99	63	86	83	1.7	7.6	0.6	—	—	0.9	1.6	16 2	00 0	06 2
30	17.2	24.0	18.2	19.4	25.4	16.0	14.8	11.8	13.0	13.6	12.8	80	60	88	76	3.7	8.4	0.9	—	—	—	2.2	14 2	00 0	06 2
31																									
MED.	17.3	24.6	19.0	20.0	25.4	15.7	14.6	13.3	13.7	14.7	13.9	90	60	89	80	2.2	5.6	5.4	0.1	0.1	5.6	1.6	— —	— —	— —

Total 168.0 m.m.

ESTACION Llanadas MES Octubre AÑO 1963 φ = 59 13' N λ = 75 09' W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.9	26.0	19.6	20.8	26.8	16.0	15.0	15.1	14.9	15.4	15.1	99	80	90	83	4.7	4.7	--	--	7.1	7.9	1.6	00 0	00 0	00 0
2	16.3	25.0	18.0	19.3	28.4	15.2	14.0	10.8	11.9	11.8	11.4	76	51	76	68	0.3	4.2	0.8	0.2	1.6	13.4	1.0	00 0	02 2	16 1
3	16.4	24.8	19.8	20.1	25.4	16.2	14.0	13.7	12.8	15.6	14.0	98	54	90	81	2.7	3.7	11.6	--	--	0.8	0.9	06 1	00 0	06 2
4	18.4	24.6	19.8	20.6	25.4	17.0	16.0	15.3	13.8	15.6	14.8	98	59	90	82	2.7	4.7	0.8	--	--	2.8	0.9	06 1	00 0	06 2
5	19.4	27.0	20.3	21.7	28.8	17.0	16.0	16.1	14.7	15.2	15.3	93	48	86	76	3.3	8.8	2.8	--	--	--	0.9	14 1	14 2	00 0
6	19.0	27.2	20.0	21.5	28.0	16.5	14.9	13.9	12.6	15.5	14.0	85	48	86	73	1.7	8.5	--	--	--	--	2.0	02 1	00 0	02 2
7	18.0	26.2	20.2	21.1	27.0	17.0	16.2	14.7	12.8	15.9	14.5	95	50	90	78	1.7	3.4	--	--	--	4.9	0.0	06 2	06 2	06 2
8	18.8	25.2	18.2	20.1	26.0	16.0	15.0	14.0	13.7	14.0	13.9	86	57	90	78	4.0	5.5	4.9	--	5.9	38.1	1.0	06 2	06 2	06 2
9	16.8	22.0	16.4	19.8	27.0	15.7	15.1	12.8	11.6	13.8	12.7	90	46	87	74	1.3	4.8	32.2	0.3	--	3.6	0.0	10 2	06 1	20 0
10	18.0	28.2	19.8	20.8	27.0	16.0	15.0	14.1	13.3	14.2	13.9	92	52	83	76	3.7	8.2	3.3	--	--	--	0.7	10 1	00 0	06 2
11	18.4	26.0	20.0	21.1	26.6	16.0	14.2	12.8	14.9	16.9	14.5	78	60	91	76	2.7	8.0	--	--	--	8.2	2.0	00 0	00 0	00 0
12	18.9	25.4	19.9	21.0	28.4	16.0	15.0	13.1	12.3	13.8	13.0	80	50	79	70	3.0	6.6	8.2	--	0.1	1.1	1.1	12 1	06 2	10 2
13	17.8	23.4	18.8	19.7	24.4	16.0	14.8	14.2	14.8	14.9	14.6	93	67	92	84	2.0	--	1.0	1.9	--	1.9	0.9	06 1	14 2	00 0
14	18.6	24.0	17.9	18.6	25.5	16.0	15.0	14.1	14.3	14.2	14.2	88	64	88	80	3.7	4.0	--	--	10.9	13.9	1.0	10 1	08 2	00 0
15	17.6	22.8	18.6	19.3	23.2	14.2	13.8	13.5	12.3	15.2	13.7	90	70	94	85	7.7	2.3	3.0	--	4.5	4.5	0.5	10 1	08 2	08 2
16	17.8	23.3	19.2	19.9	24.8	15.0	14.0	14.2	12.8	15.4	14.1	93	60	93	82	8.3	3.9	--	--	--	4.8	0.9	00 0	08 2	06 2
17	17.4	23.0	17.5	18.9	24.3	16.0	15.0	15.0	14.8	14.2	14.7	100	70	94	88	7.7	3.2	4.8	0.2	--	0.5	0.8	00 0	06 2	10 2
18	18.0	25.0	19.2	20.3	25.7	15.5	14.2	13.8	15.1	15.4	14.8	90	68	93	84	5.0	3.7	0.4	--	--	--	0.9	02 2	00 0	00 0
19	18.0	25.4	18.4	20.0	25.5	16.2	15.0	13.4	15.2	13.5	14.0	86	63	85	78	7.0	7.2	--	--	--	--	0.5	00 0	00 0	00 0
20	17.9	25.4	19.6	20.6	27.4	15.3	14.1	15.5	14.8	12.4	14.3	84	60	75	73	8.7	8.2	--	--	--	--	1.5	00 0	06 2	00 0
21	17.0	25.0	19.5	20.2	28.4	15.3	13.8	12.1	15.0	15.3	14.5	90	63	90	81	4.3	8.9	--	--	--	--	1.3	00 0	, 2	08 2
22	18.2	25.8	19.0	20.5	26.2	16.3	15.0	11.8	13.5	14.9	13.4	75	54	91	73	6.3	7.7	--	--	--	30.8	1.7	06 2	16 2	06 2
23	18.0	26.0	17.8	19.9	26.7	15.6	14.8	14.5	13.4	14.2	14.2	94	66	93	84	4.0	7.0	30.8	--	12.4	12.4	1.0	00 0	06 1	16 2
24	16.5	24.2	17.4	18.9	25.5	16.2	15.0	13.5	13.5	14.2	13.7	96	60	96	84	4.0	6.0	--	--	--	17.6	1.2	10 2	02 2	06 2
25	17.0	21.2	17.2	18.1	23.5	16.3	15.6	14.2	13.5	14.1	13.9	98	72	96	89	0.3	1.4	17.6	12.1	10.5	22.7	0.3	00 0	00 0	00 0
26	17.6	22.6	18.0	19.0	23.5	15.8	14.3	12.7	15.5	14.7	14.3	84	76	95	85	5.3	3.1	0.1	--	--	1.6	0.7	00 0	06 1	08 1
27	17.4	22.8	18.0	19.0	24.0	15.8	16.0	12.0	14.7	13.8	13.5	81	70	90	80	1.3	3.7	1.6	--	0.7	0.7	0.4	16 2	06 2	16 2
28	17.4	24.0	20.2	20.4	25.0	16.4	15.0	12.0	15.7	15.5	14.7	98	70	88	82	6.0	--	--	2.3	0.8	3.1	1.6	08 3	00 0	06 1
29	17.6	24.0	18.2	19.5	25.0	14.0	13.2	13.6	15.4	15.4	14.8	96	66	98	87	3.0	2.8	--	--	16.7	89.9	0.9	00 0	06 2	06 2
30	16.2	25.0	16.8	19.7	25.2	15.4	14.4	13.5	15.0	16.0	14.8	98	63	96	86	4.0	2.8	73.2	0.4	25.3	35.7	0.7	10 1	06 2	06 2
31	17.8	23.8	19.0	19.8	24.4	16.5	16.0	14.8	12.1	15.9	14.3	98	66	96	87	0.0	5.4	10.0	--	--	--	0.7	08 1	08 2	08 2
MED.	17.8	24.7	18.9	20.0	25.7	15.9	14.8	13.8	13.9	14.7	14.1	90	61	90	80	4.0	4.9	6.7	0.8	3.1	10.4	0.9	-- --	-- --	-- --

Total 321.0 m.m.

ESTACION Llanadas MES Noviembre AÑO 1963 φ = 5° 13' N λ = 75° 03' W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.0	21.2	17.0	17.8	23.0	15.0	14.2	13.0	14.2	14.1	13.8	96	75	97	89	0.0	3.4	—	—	1.7	24.9	0.5	08 1	06 2	06 2
2	16.2	24.4	18.0	19.1	25.4	14.9	14.0	13.0	16.1	13.8	14.3	94	70	90	85	2.7	7.4	23.2	2.4	—	6.9	0.7	00 0	06 2	06 2
3	16.2	26.0	19.0	20.0	26.4	14.7	13.6	13.5	13.6	14.8	14.0	98	54	90	81	3.3	6.1	4.5	1.9	—	21.9	0.5	06 1	06 3	00 0
4	17.3	22.8	18.8	19.4	24.6	16.3	15.2	13.2	14.4	14.6	14.1	90	69	90	83	5.7	5.0	20.0	—	0.9	2.3	0.9	00 0	00 0	00 0
5	18.3	20.8	17.4	18.5	24.5	16.9	15.4	14.5	16.1	14.6	15.1	93	98	98	93	3.0	5.6	1.4	5.5	14.5	37.1	0.7	00 0	06 1	02 1
6	17.2	22.4	18.2	19.0	22.8	16.0	15.0	14.4	14.2	15.4	14.7	98	69	98	88	4.7	1.3	17.1	1.1	18.2	31.3	0.6	00 0	06 1	06 1
7	17.6	21.8	17.2	18.4	22.0	17.2	16.0	14.8	15.6	14.4	14.9	98	80	98	92	2.7	0.3	12.0	29.2	—	36.6	1.2	06 1	08 1	08 1
8	17.6	24.0	19.0	19.9	25.4	15.8	15.0	14.2	13.5	13.2	13.6	94	60	80	78	2.3	6.7	5.4	—	14.4	18.7	0.8	02 2	08 1	06 1
9	17.2	22.4	19.4	19.5	23.3	15.7	14.6	13.0	15.3	14.7	14.3	89	75	88	84	3.7	5.6	4.3	—	—	—	1.6	06 2	08 1	16 1
10	19.1	24.8	19.2	20.6	26.9	15.2	14.3	14.1	15.2	15.4	14.9	86	66	93	82	0.0	4.2	—	—	0.8	27.6	1.8	08 2	00 0	06 2
11	17.3	22.3	18.0	18.9	23.0	15.2	14.0	14.1	12.6	14.1	13.6	96	63	92	84	0.0	1.2	26.8	—	0.1	0.5	1.8	12 1	14 1	08 2
12	17.2	22.4	17.4	18.6	23.0	16.0	15.8	14.1	13.9	14.2	14.1	96	69	96	87	1.7	1.7	0.4	0.4	10.3	21.7	0.6	06 1	06 1	06 1
13	16.8	23.4	18.6	19.3	24.6	16.0	15.0	14.2	13.3	15.5	14.3	98	62	96	85	2.0	1.9	11.0	—	—	3.5	0.6	06 1	08 1	00 0
14	16.5	20.0	17.4	17.8	21.0	16.0	15.0	13.9	14.1	14.2	14.1	98	80	96	91	0.0	0.6	3.5	1.1	8.2	25.1	0.4	08 1	06 2	06 1
15	15.8	20.2	17.8	17.9	21.0	15.4	14.2	12.5	14.0	14.7	13.7	93	79	96	89	0.0	1.4	15.8	2.1	0.1	2.4	0.3	06 1	06 1	06 1
16	17.0	22.2	18.8	19.2	22.6	15.4	14.6	12.6	12.0	14.2	12.9	83	60	87	77	1.9	8.5	0.2	—	—	0.9	1.4	06 2	12 1	06 1
17	15.0	25.0	19.8	19.9	26.6	14.4	14.0	12.5	14.2	14.2	13.6	98	62	82	81	2.7	6.4	0.9	—	0.1	13.2	1.0	12 2	08 1	00 0
18	18.8	24.6	19.0	20.3	26.2	17.0	16.0	14.6	16.3	15.7	15.5	90	70	95	85	1.7	4.5	13.1	—	—	10.3	0.8	06 2	00 0	08 1
19	18.0	25.2	19.0	20.3	26.2	15.0	14.4	13.0	15.7	12.5	13.7	84	67	88	80	3.0	6.3	10.3	—	—	—	0.3	00 0	10 2	06 1
20	17.0	25.8	17.0	19.2	26.0	15.4	14.6	12.6	13.7	14.0	13.4	87	55	96	79	3.7	6.0	—	—	—	—	0.9	00 0	00 0	06 1
21	18.2	26.4	19.1	20.7	27.0	16.7	15.6	14.2	14.2	13.2	13.9	91	55	80	75	0.0	1.4	—	0.2	2.0	10.1	0.7	06 2	06 1	00 0
22	16.8	25.8	17.0	19.1	26.0	15.4	14.4	14.4	14.9	14.2	14.5	100	60	98	86	0.7	0.1	7.9	2.0	0.2	5.8	0.7	08 1	00 0	08 1
23	16.9	25.0	18.0	19.5	26.2	15.5	14.6	13.9	14.2	14.8	14.3	97	60	93	83	0.0	1.9	3.8	—	0.3	36.9	0.0	08 1	06 2	06 2
24	18.0	20.4	17.2	18.2	22.2	15.8	14.0	14.5	14.5	13.5	14.2	93	80	92	88	2.3	4.1	36.6	10.3	11.9	22.2	0.5	06 2	00 0	12 1
25	18.6	24.6	18.2	19.9	25.5	15.6	14.2	14.5	14.5	14.5	14.5	91	63	93	82	2.7	0.7	—	—	—	7.0	1.2	08 2	08 2	06 2
26	16.0	22.8	18.0	18.7	24.4	15.0	14.3	13.0	14.9	14.6	14.2	95	70	94	86	0.0	4.8	7.0	—	—	—	1.2	12 1	06 2	08 1
27	17.8	24.0	18.1	19.5	25.0	14.0	13.3	11.5	12.7	13.0	12.4	75	57	84	72	2.3	6.9	—	—	—	—	1.2	00 0	00 0	02 1
28	18.0	24.9	18.2	19.8	25.0	15.5	14.7	13.1	15.1	15.2	14.4	85	64	90	80	7.0	5.5	—	—	—	—	1.6	06 1	06 2	00 0
29	17.0	24.4	18.4	19.5	25.4	15.3	14.2	12.6	14.5	15.4	14.2	87	63	97	82	4.3	1.2	—	—	—	—	1.0	00 0	06 2	06 2
30	17.2	24.0	19.9	20.2	25.2	16.0	15.0	12.3	15.7	14.7	14.2	84	70	85	80	4.3	7.3	—	—	—	—	1.6	06 1	08 2	00 0
31																									
MED.	17.2	23.5	18.3	19.3	24.5	15.6	14.6	13.5	14.4	14.4	14.1	92	67	92	84	2.1	3.9	7.5	1.9	2.8	12.2	0.9	— —	— —	— —

Total 364.9 m.m.

ESTACION Llanadas MES Diciembre AÑO 1963 φ = 50 13' N λ = 75 09 W.GR - ALTURA 1.870 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.8	24.8	19.6	20.2	26.0	15.0	14.5	12.0	14.4	13.7	13.4	84	62	80	75	3.0	7.3	—	—	—	—	1.5	06 1	08 1	00 0
2	17.4	25.0	18.8	20.0	26.2	16.0	14.8	12.9	11.9	13.7	12.8	87	50	85	74	3.0	7.6	—	—	—	0.2	1.0	00 0	00 0	00 0
3	16.0	24.0	18.2	19.1	25.0	15.2	14.0	13.1	14.3	13.6	13.7	96	64	86	82	2.3	1.5	0.2	—	—	0.3	1.2	00 0	00 0	00 0
4	18.5	22.8	19.8	20.2	25.2	15.2	14.3	13.2	15.3	16.0	14.8	83	73	93	83	3.0	3.1	0.3	—	9.0	14.0	1.4	06 1	06 2	00 0
5	17.4	25.0	19.3	20.2	26.0	16.0	15.2	11.9	14.2	15.6	13.9	80	58	95	77	3.0	6.2	5.0	—	—	—	1.2	06 2	06 2	08 1
6	17.6	27.6	19.4	21.0	27.8	16.5	15.0	11.8	13.9	14.7	13.5	78	50	88	72	3.0	8.7	—	—	—	0.1	1.9	02 2	06 1	00 0
7	17.8	25.0	18.6	20.0	25.9	16.8	16.0	13.2	14.6	15.2	14.3	86	62	94	81	2.7	3.9	0.1	—	—	—	1.0	08 1	00 0	06 1
8	17.6	26.8	19.4	20.8	27.4	16.2	15.3	12.8	13.2	15.2	13.7	85	48	90	74	0.7	7.6	—	—	—	1.8	1.2	12 1	00 0	06 2
9	18.4	24.6	18.0	19.7	25.4	16.0	15.0	14.2	13.9	13.7	13.6	90	60	89	80	3.3	4.4	1.8	—	—	—	1.0	10 2	08 2	08 2
10	18.0	27.0	20.2	21.3	28.3	17.0	16.0	10.8	11.6	14.3	12.2	70	43	80	64	1.3	8.6	—	—	—	—	1.8	16 2	06 2	00 0
11	17.2	26.6	20.4	21.1	27.7	14.9	14.1	11.4	13.0	14.8	13.1	77	50	82	70	1.7	6.6	—	—	—	0.6	1.8	14 2	08 2	08 1
12	17.2	25.4	19.0	20.4	26.6	16.0	15.0	13.0	13.4	15.1	13.8	84	52	92	78	0.0	5.8	0.6	—	—	—	1.4	14 2	06 2	10 2
13	17.4	23.6	20.0	20.2	25.0	15.7	15.0	13.0	13.1	15.3	13.8	88	60	88	79	2.0	3.0	—	—	—	—	1.2	12 1	06 2	00 0
14	15.8	22.8	19.8	19.5	24.0	14.3	13.6	11.2	14.7	15.0	13.6	84	70	87	80	3.0	5.0	—	—	—	—	1.8	10 2	08 1	08 1
15	17.4	22.0	18.4	19.0	23.2	15.6	14.4	14.6	12.4	13.9	13.0	98	63	88	83	1.7	4.7	—	—	—	3.6	1.2	08 2	00 0	08 2
16	17.8	22.0	18.6	19.2	23.6	15.4	14.2	12.8	13.6	14.4	13.6	84	66	90	80	3.7	4.2	3.6	—	—	8.3	1.0	10 2	06 2	08 1
17	17.0	21.4	17.8	18.5	22.2	15.0	14.8	14.2	13.3	13.2	13.6	98	72	87	86	3.0	0.6	8.3	0.3	0.9	1.2	0.7	06 2	06 2	08 1
18	16.4	22.0	18.4	18.8	24.0	14.5	13.6	13.2	15.8	14.2	14.4	94	80	90	88	1.7	3.1	—	3.9	5.0	9.0	1.2	00 0	00 0	00 0
19	16.2	21.8	18.0	18.5	22.2	15.6	14.8	13.3	15.3	13.9	14.2	96	78	96	90	1.7	0.8	0.1	0.8	8.7	9.5	0.4	06 2	06 2	08 1
20	18.4	23.0	19.8	20.2	24.8	16.0	15.0	13.7	14.8	15.7	14.7	86	70	91	82	2.0	4.4	—	—	—	—	0.9	12 2	08 2	06 1
21	17.8	22.2	19.4	19.7	24.2	15.3	14.5	13.7	14.1	15.5	14.4	91	70	92	84	3.3	3.8	—	—	—	1.0	1.2	06 2	06 2	06 2
22	16.5	23.0	18.5	19.1	25.2	15.2	14.2	13.2	12.6	12.9	12.9	94	60	80	78	2.3	3.8	1.0	—	—	—	0.6	10 2	06 1	06 1
23	16.6	24.0	18.2	19.2	24.6	15.8	15.0	12.8	14.6	14.0	13.8	90	65	90	82	3.0	3.5	—	—	—	—	1.2	10 2	06 1	06 1
24	18.2	25.2	19.4	20.5	26.0	16.0	15.0	12.6	14.4	15.2	14.1	80	60	90	77	1.7	5.4	—	—	—	—	1.5	02 2	08 1	08 2
25	17.3	24.0	18.6	19.6	25.6	16.4	15.0	13.4	14.9	15.2	14.5	94	66	94	85	4.0	7.2	—	—	40.0	50.2	1.0	06 1	06 2	06 2
26	17.8	24.0	19.4	20.1	26.3	16.9	15.0	14.7	14.1	15.5	14.8	96	63	90	83	1.7	4.1	10.2	0.2	—	—	2.0	06 2	00 0	08 1
27	17.8	23.3	19.2	19.9	25.2	17.0	16.0	13.7	15.0	15.0	14.6	90	70	90	83	2.3	4.4	—	—	—	15.9	1.0	00 0	00 0	00 0
28	18.0	23.6	19.4	20.1	25.4	16.8	15.6	13.8	15.5	15.2	14.9	90	70	91	84	3.3	3.1	15.9	—	0.4	22.4	0.0	10 2	06.1	00 0
29	17.8	24.0	18.0	19.4	25.5	16.0	15.5	15.0	14.6	14.5	14.7	98	65	93	85	2.0	2.5	22.0	0.1	—	1.2	1.4	00 0	08 1	08 2
30	18.1	24.7	18.0	19.7	25.2	17.0	16.0	14.9	12.6	14.1	13.9	96	54	92	81	0.0	4.4	1.1	0.1	0.5	1.6	0.3	00 0	06 2	08 1
31	18.1	25.4	19.0	20.4	26.3	17.0	16.0	14.9	14.6	14.4	14.8	96	60	92	83	1.0	8.7	1.0	0.5	9.3	11.1				
MED.	17.4	24.1	19.0	19.9	25.3	15.9	14.9	13.2	14.0	14.6	13.9	89	62	89	80	2.3	4.8	2.3	0.2	2.4	4.9	1.1	— —	— —	— —

Total 152.2 m.m.

ESTACION LLANADAS — RESUMEN MENSUAL Y ANUAL — AÑO: 1.983

MESES	Presión Atmosférica	TEMPERATURAS EXTREMAS Min.									Humedad Relativa					Tº del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
						Max. Min. Max.		Min.		Med.					Min.	Max.	Min	Med.							Días		
	Méd Máx Ø Mín Ø.	7	14	20	Med.	Med. Med. Abs.	Ø.	Abs.	Ø.	Sue.	7	14	20	Med.	Abs.	Abs.	Abs.		Med.	Bolar		7	14	20	Suma	lluv.	Max.	Ø.
Enero		16.4	22.6	18.3	19.0	23.7	14.0	25.0	23	13.5	21	13.8	92	68	94	85	55	18.9	11.0	14.0	5.4	5.1	0.9	82.5	0.7	3.4	86.6	14	28.2	28
Febro		16.4	21.6	18.2	18.6	22.8	14.9	25.5	28	13.2	15	13.8	90	74	95	86	60	18.1	10.0	13.9	6.8	3.7	1.1	215.9	31.0	14.3	261.2	18	42.0	17
Marzo		16.9	22.8	18.5	19.2	24.4	15.7	27.0	20	14.7	27	14.7	93	72	94	86	44	17.0	10.3	14.4	7.3	3.1	1.0	498.8	23.9	13.4	536.1	14	79.4	10
Abril		17.0	21.6	17.9	18.6	23.1	15.6	25.8	28	13.2	28	14.8	94	78	98	89	60	17.7	10.7	14.5	8.3	2.8	1.0	294.0	37.7	113.4	445.4	27	74.5	24
Mayo		17.5	23.0	18.5	19.4	24.5	15.9	28.5	23	15.0	V	14.9	92	71	94	86	50	17.3	11.4	14.8	7.1	3.3	1.0	111.8	20.0	71.1	202.8	22	40.3	8
Junio		16.9	23.7	18.3	19.3	24.8	15.4	28.5	1	13.9	7	14.2	90	68	92	83	50	17.0	11.1	14.0	6.5	4.5	0.8	88.4	7.8	0.4	96.6	12	27.8	11
Julio		17.0	24.1	19.0	19.9	25.2	15.8	27.0	V	14.0	26	14.3	88	64	91	81	43	17.8	10.8	13.9	6.9	5.8	1.5	161.2	2.4	1.1	165.1	18	40.4	29
Agosto		17.4	25.1	18.8	20.0	26.0	15.7	28.5	30	14.5	8	14.7	92	58	91	80	44	18.0	10.8	14.0	6.1	6.1	1.5	127.4	29.3	5.7	162.0	12	44.8	19
Sobre		17.3	26.8	19.0	20.0	25.4	15.7	28.8	11	14.2	21	14.8	90	60	89	80	40	18.2	10.8	13.9	2.2	5.8	1.7	161.4	2.5	4.1	168.0	17	55.4	28
Octbre		17.8	24.7	18.9	20.0	25.7	15.9	28.8	5	14.0	29	14.8	90	61	90	80	46	18.1	10.8	14.1	4.0	4.9	0.9	207.1	17.4	96.5	321.0	23	89.9	29
Nvbre		17.2	23.5	18.3	19.3	24.5	15.8	27.0	21	14.0	27	14.6	92	67	92	84	54	18.3	11.5	14.1	2.1	3.9	00.0	225.0	56.2	83.7	364.9	22	37.1	5
Dcbre		17.4	24.1	19.0	19.9	25.3	15.9	28.3	10	14.3	14	14.9	89	62	89	80	43	18.0	10.8	13.9	2.3	4.8	1.2	71.2	5.9	73.8	152.2	19	50.2	25
MED ANUAL		17.1	23.5	18.5	19.4	24.8	15.5	27.4	—	14.0	—	14.4	91	67	92	83	49	18.8	10.8	14.1	5.4	4.5	1.1	188.7	19.8	40.1	248.5	228	50.8	—

Precipitación total : 2982.1

Precipitación máxima : 89.9 - 29 - X

Días lluviosos : 228

ESTACION: LLANADAS — FRECUENCIA DE PRECIPITACION Y TEMPERATURAS — AÑO: 1.963

MESES	PRECIPITACION																						TEMPERATURAS			
	7 horas más de					14 horas más de					20 horas más de					Total más de							Min. abajo de 14 ºC	Min. arriba de 16 ºC	Max. abajo de 23 ºC	Max. arriba de 27 ºC
	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0				
Enero	13	11	2	2	—	1	—	—	—	—	4	1	—	—	—	14	11	9	3	2	2	—	5	1	10	—
Febro	15	12	8	6	—	7	4	2	—	—	8	4	—	—	—	18	15	13	12	11	7	—	5	4	17	—
Marzo	22	21	12	10	4	5	3	1	—	—	7	3	—	—	—	24	23	17	17	13	11	4	—	10	8	1
Abril	20	17	9	6	1	10	6	1	—	—	15	12	4	2	—	27	25	22	16	13	9	2	2	9	17	—
Mayo	18	12	5	1	—	7	3	1	—	—	11	6	2	1	—	22	16	13	11	7	3	—	—	14	4	2
Junio	10	7	3	2	—	5	3	—	—	—	1	—	—	—	—	12	7	7	5	3	2	—	1	8	4	—
Julio	13	10	8	4	—	3	1	—	—	—	5	—	—	—	—	18	10	8	8	8	4	—	1	7	3	2
Agsto	12	9	5	3	—	3	3	1	—	—	2	1	—	—	—	12	10	7	6	5	5	—	—	13	1	8
Spbre	13	11	5	2	1	5	1	—	—	—	3	1	—	—	—	17	11	10	8	5	2	1	—	13	4	8
Octbre	18	14	6	3	1	1	3	1	—	—	12	9	5	1	—	23	20	17	11	9	5	1	1	19	—	6
Nvbre	21	18	10	4	—	11	9	2	1	—	15	8	5	—	—	22	20	18	17	14	10	—	1	10	9	1
Dcbre	15	10	3	1	—	7	1	—	—	—	8	5	1	1	—	19	14	9	8	5	2	1	—	17	2	4
SUMA ANUAL	190	152	76	44	7	71	37	9	1	—	91	50	17	5	—	228	182	150	122	95	62	9	16	125	79	32

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	4	6	6	4	6	5	1	1	—	—	—	—	—	—	—	—	—	—	3	2	2	2	3	4	20
Febro	7	9	6	5	5	4	4	2	3	1	2	2	1	3	1	3	3	2	2	5	6	7	10	10	18
Marzo	12	12	14	13	10	8	6	2	2	1	1	1	2	2	4	5	3	1	—	1	9	8	10	13	24
Abril	6	6	9	11	12	8	9	2	4	—	1	3	3	7	9	7	7	8	10	5	7	8	9	8	28
Mayo	9	6	4	5	5	7	6	1	2	3	4	2	3	1	4	4	4	4	7	7	6	6	11	11	23
Junio	3	3	3	6	6	6	4	4	—	—	—	1	1	—	—	—	—	1	—	—	1	3	1	2	10
Julio	6	4	5	6	7	6	7	3	1	—	—	—	—	—	—	1	1	3	—	—	2	2	3	4	17
Agsto	3	4	5	6	5	3	4	2	2	1	1	—	—	—	—	—	1	1	—	2	1	4	4	4	12
Spbre	4	4	3	4	6	7	4	1	1	1	2	1	—	1	1	—	—	1	1	1	4	3	4	4	17
Octbre	5	8	8	6	7	10	3	4	3	1	—	2	3	1	2	5	7	3	7	5	6	9	8	8	24
Nvbre	8	11	12	12	7	7	5	6	7	2	3	4	4	3	5	3	5	7	8	8	10	6	10	6	24
Dcbre	3	5	5	6	5	5	5	1	—	1	—	—	3	4	5	4	4	—	3	5	5	4	5	1	17
SUMA ANUAL	70	78	80	84	81	76	58	29	25	11	14	16	20	20	31	32	36	31	41	41	59	62	78	75	234

ESTACION LLAMADAS — FRECUENCIA DE NUBOSIDAD BRILLO SOLAR Y VIENTOS — AÑO 1963

MESES	NUBOSIDAD en décimos		BRILLO SOLAR		NUMERO DE DIAS CON VIENTOS																											
					7 horas									14 horas									20 horas									
	Bajo 3.0	Más 8.0	Bajo 0.9	Mas 9.0	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C
Enero	5	4	—	—	—	—	—	—	—	—	—	11	20	1	2	—	15	4	1	—	2	6	—	1	—	6	1	1	—	1	21
Febro	4	11	1	—	—	—	—	2	—	1	—	6	19	—	1	—	12	2	1	—	—	12	—	—	—	9	1	2	1	1	14
Marzo	1	12	9	—	—	—	—	4	—	1	—	8	18	—	—	11	15	4	1	—	2	8	—	—	1	6	1	1	1	—	21
Abril	—	19	11	—	—	1	—	2	—	—	—	11	16	—	—	1	18	1	—	—	3	7	1	1	—	6	1	1	—	3	17
Mayo	1	10	7	—	—	—	—	2	2	1	—	5	21	—	—	—	20	—	1	—	2	8	—	1	—	6	1	1	1	2	19
Junio	2	9	1	—	—	7	—	1	2	1	3	10	6	1	—	—	9	2	8	2	3	5	—	4	1	4	3	2	3	3	10
Julio	—	15	3	1	1	2	—	2	4	1	—	12	9	—	4	—	13	1	1	1	1	10	1	3	1	12	2	1	—	6	5
Agsto	3	11	—	—	2	15	—	2	—	1	—	2	9	2	3	—	11	1	3	—	—	11	2	5	—	10	—	2	—	1	11
Spbre	22	—	4	1	5	9	—	1	—	—	1	6	8	2	3	—	6	2	2	—	2	11	6	3	1	11	1	—	2	2	4
Ocbre	12	1	2	—	1	2	—	6	2	6	1	2	11	1	2	—	13	2	1	—	2	10	3	1	—	11	4	2	—	—	10
Nvbre	23	—	4	—	—	1	—	12	6	—	3	—	6	—	—	—	14	6	1	1	1	7	1	2	—	15	4	—	1	—	7
Dcbre	26	—	2	—	1	2	—	8	2	6	3	2	7	—	—	—	16	7	—	—	—	8	—	—	—	8	12	1	—	—	10
SUMA ANUAL	99	92	41	2	10	39	—	42	18	18	11	75	152	7	15	2	164	32	20	4	18	103	14	21	4	104	31	14	9	19	149

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	3	11	15	12	6	12	10	6	—	—	—	29	9	5	2	1	2	4	5	5	9	30	31
Febro	—	2	5	8	7	1	5	2	2	1	—	—	21	10	8	4	7	5	7	7	13	14	27	28
Marzo	—	1	7	7	5	4	4	6	4	1	—	—	30	21	13	12	10	14	15	17	11	14	25	31
Abril	—	1	2	5	11	9	4	3	1	2	—	—	29	23	16	14	9	11	12	13	22	26	28	30
Mayo	—	—	5	3	7	8	10	6	7	—	—	—	31	23	15	14	14	13	6	9	13	17	31	31
Junio	—	—	3	2	13	13	11	14	6	—	—	—	30	21	16	10	4	2	1	—	2	7	27	30
Julio	—	—	11	13	17	14	16	14	13	1	—	—	31	13	10	4	4	6	2	3	3	7	28	31
Agsto	—	—	10	14	13	16	21	20	15	3	—	—	31	11	5	2	1	1	1	1	1	2	26	31
Spbre	—	1	7	15	19	17	17	15	8	6	—	—	28	13	8	4	3	4	2	3	4	6	19	30
Ocbre	—	1	9	13	11	10	11	13	9	2	—	—	31	14	11	10	5	5	5	6	7	13	21	31
Nvbre	—	2	7	7	12	16	6	3	1	1	—	—	25	14	13	11	10	9	8	10	7	11	27	30
Dcbre	—	4	8	13	17	10	6	6	3	1	—	—	26	12	4	4	2	4	1	9	9	13	30	31
SUMA ANUAL	—	15	85	115	144	118	123	112	75	18	—	—	342	184	124	91	70	76	64	83	97	137	319	365

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RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: LLANADAS — DE LA PRECIPITACION — AÑO: 1963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m m	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max 5/m.	Int. Max. 1/m.	h: min.	m.m.	Int. Med.	Int. Max. 5 min.	Int Max. 1 min. (calc.)
Enero	86.6	14	5	23	28	5.9	80.7	3:20'	26.55'	30:15'	23.9	3:40'	0.10	7.0	1.4	3:40'	23.9	0.10	7.0	1.4
Febro	261.8	18	22	29	51	109.5	152.3	28:40'	38:40'	67:20'	42.0	2:05'	0.33	7.5	1.5	6:05'	35.9	0.09	3.5	0.7
Marzo	536.1	24	12	44	56	32.3	503.8	12:45'	86:10'	98:55'	78.8	8:15'	0.15	9.5	1.9	9:30'	56.0	0.09	6.5	1.3
Abril	445.4	27	32	34	66	162.8	282.6	49:40'	67:50'	117.:30'	74.5	9:20'	0.08	5.0	1.0	10:00'	47.7	0.07	3.5	0.7
Mayo	202.6	22	22	27	49	108.9	93.7	42:00'	43:25'	85:25'	40.3	6:55'	0.06	8.1	1.2	10:30'	25.9	0.04	1.0	0.2
Junio	96.4	12	4	14	18	5.0	91.4	2:50'	29:30'	32:20'	23.4	8:35'	0.04	3.0	0.6	8:35'	23.4	0.04	3.0	0.6
Julio	185.1	18	7	26	33	3.4	181.7	4:15'	36:00'	40:15'	38.9	2:50'	0.22	10.0	2.0	4:45'	27.2	0.09	7.5	1.5
Agsto	162.0	12	6	19	25	36.7	125.3	7:35'	27:45'	35:20'	44.2	4:20'	0.17	8.0	1.6	5:55'	15.7	0.04	2.7	0.5
Spbre	168.0	17	8	21	29	6.6	161.4	3:45'	35:00'	38:45'	31.8	2:45'	0.19	5.5	1.1	5:00'	18.6	0.06	1.1	0.2
Octbre	321.0	23	24	27	51	214.9	106.1	44:25'	44:05'	88:30'	82.5	5:00'	0.27	7.0	1.4	7:55'	36.1	0.07	3.9	0.8
Nvbre	364.9	22	37	35	72	224.7	140.2	43:10'	62:15'	105.25'	36.8	4:55'	0.12	4.0	0.8	14:05'	17.9	0.02	0.8	0.1
Dcbre	152.2	19	15	30	45	86.9	65.3	19:55'	25:45'	45:40'	41.4	2:25'	0.28	7.8	1.5	3:50'	21.5	0.09	2.5	0.5
TOTALES	2962.1	228	194	329	523	997.6	1984.5	262:20'	523:20'	785:40'	585.5	61:05'	XX	XX	XX	89:50'	326.4	XX	XX	XX

editorial centroamericana (f. 139)

ESTACION Las Palomas MES Enero AÑO 19 63 φ = 50 08' N λ = 73° 26' W.GR - ALTURA 2.700 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	12.4	17.0	15.2	14.9	19.0	10.0		9.4	11.3	12.4	11.0	87	77	96	87	0.0	3.5	--	--	--	--				
2	10.0	14.2	13.1	12.6	19.6	8.6		9.0	11.4	10.4	10.3	97	94	92	94	5.0	0.8	--	0.9	--	0.9				
3	10.2	16.2	14.3	13.7	19.2	7.2		9.2	10.0	9.9	9.7	99	72	82	84	5.0	2.1	--	--	--	--				
4	12.0	18.2	14.2	14.6	22.0	9.0		10.4	11.4	10.0	10.6	99	72	83	85	0.0	3.5	--	0.4	0.1	0.5				
5	10.9	19.0	13.0	14.0	22.3	7.5		9.5	11.8	9.8	10.4	98	72	87	86	5.0	0.9	--	--	--	--				
6	10.9	18.2	13.6	14.1	20.0	6.2		9.1	11.4	11.4	10.6	99	72	98	90	3.3	0.5	--	--	--	--				
7	10.0	16.6	14.6	13.8	20.3	8.5		9.1	11.2	12.1	10.8	99	83	97	93	3.3	1.1	--	--	--	3.3				
8	10.0	18.3	15.0	14.6	19.4	8.5		9.0	11.4	11.7	10.7	97	72	92	87	5.0	0.5	3.3	--	--	3.2				
9	10.2	13.2	12.0	11.8	17.5	9.0		9.2	10.6	10.0	9.9	99	92	96	96	5.0	9.5	3.2	--	3.4	5.7				
10	11.3	16.4	11.2	12.5	18.6	9.2		9.9	8.9	9.7	9.5	99	63	98	87	0.0	1.0	2.3	--	--	3.7				
11	10.0	15.9	13.9	13.4	17.5	9.6		9.0	11.6	10.9	10.5	96	86	92	92	5.0	2.4	3.7	2.5	--	2.5				
12	10.3	14.2	12.2	12.2	18.0	7.6		9.2	11.1	10.6	10.3	99	92	96	96	0.0	0.7	--	--	--	--				
13	10.0	16.8	11.0	12.2	18.0	7.2		9.0	10.4	9.5	9.6	96	72	97	89	3.3	1.1	--	--	14.4	14.5				
14	10.0	16.6	13.1	13.2	22.1	8.4		9.2	10.4	10.4	10.0	100	73	93	89	1.7	1.8	0.1	--	--	--				
15	10.6	17.5	15.3	14.7	19.6	8.0		9.2	7.9	9.2	8.8	96	53	72	74	5.0	2.8	--	--	--	--				
16	10.4	16.9	13.0	13.3	22.0	8.5		8.7	10.5	9.0	9.4	92	73	81	82	0.0	1.8	--	--	--	2.5				
17	11.3	14.0	15.1	13.9	18.4	9.0		9.9	9.2	9.7	9.6	99	77	76	84	1.7	2.1	2.5	--	--	--				
18	10.6	15.4	18.0	15.5	19.9	7.7		9.4	9.4	13.4	10.7	98	72	87	86	0.0	1.3	--	--	--	--				
19	10.0	16.4	13.3	13.2	22.0	7.8		9.1	10.2	10.0	9.8	99	73	88	87	0.0	2.9	--	--	--	--				
20	10.0	16.4	14.0	13.6	17.5	7.5		9.0	10.4	9.2	9.5	96	74	77	83	0.0	1.6	--	--	--	--				
21	10.4	16.3	12.3	12.8	17.5	8.5		8.8	13.3	9.2	10.4	93	96	87	92	0.0	0.7	-	--	--	--				
22	10.4	17.6	13.5	13.7	19.8	8.6		8.8	9.4	9.1	9.1	93	62	78	78	0.0	4.7	--	--	--	--				
23	10.0	15.5	13.3	13.0	18.3	9.0		9.0	9.9	9.4	9.4	97	76	83	85	0.0	2.7	--	--	--	--				
24	10.0	19.4	14.3	14.5	22.4	8.5		9.0	12.1	9.4	10.2	98	72	76	83	0.0	1.5	--	--	29.8	29.8				
25	10.6	15.0	11.6	12.2	19.9	8.4		9.3	8.0	9.2	8.8	97	63	96	85	5.0	1.5	--	2.9	4.2	7.6				
26	10.7	18.6	13.1	13.9	21.1	6.7		9.5	13.2	10.4	11.0	98	82	93	91	5.0	4.6	0.5	1.0	50.2	51.4				
27	11.6	15.0	10.4	11.8	19.9	8.5		9.9	12.4	9.2	10.5	97	97	98	97	5.0	0.3	0.2	--	--	--				
28	11.0	14.6	12.5	12.6	16.0	8.5		9.5	10.8	10.3	10.2	96	87	94	92	5.0	0.7	--	--	--	--				
29	11.0	14.8	15.1	13.0	16.9	10.0		9.7	11.3	10.4	10.5	98	88	93	93	5.0	0.1	--	--	--	--				
30	10.4	15.6	14.3	13.6	19.9	7.5		9.2	7.4	9.3	8.6	96	56	77	77	5.0	2.4	--	1.0	11.5	12.5				
31	10.0	15.1	12.3	12.4	18.6	9.0		9.0	10.4	10.4	9.9	96	82	96	93	5.0	1.1	--	--	--	--				
MED.	10.6	16.3	13.4	13.4	19.5	8.3		9.3	10.6	10.2	10.0	97	77	89	88	2.7	1.8	0.5	0.3	4.0	4.8				

Total 148.1 m.m.

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ESTACION Las Palonas MES Febrero AÑO 1963 φ = 50 08' N λ = 759 28' W.GR - ALTURA 2.700 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	10.7	14.6	13.4	13.5	18.6	8.5		9.4	10.1	10.6	10.1	96	71	93	87	5.0	0.3	--	--	--	13.6				
2	10.4	17.6	14.1	14.0	22.3	7.0		9.2	11.0	9.8	10.0	98	73	78	83	5.0	3.0	13.6	0.4	--	0.4				
3	10.9	16.3	14.9	14.2	21.0	9.5		9.0	10.8	11.2	10.3	93	85	86	88	0.0	3.0	--	--	0.3	3.9				
4	11.6	12.4	12.1	14.5	18.6	9.5		10.1	9.5	10.3	10.0	99	88	96	95	1.7	--	3.6	9.4	11.7	22.1				
5	10.4	13.7	13.5	12.8	14.5	10.0		9.2	10.8	10.8	10.3	96	93	93	95	10.0	--	11.0	--	--	1.5				
6	10.1	14.3	13.4	12.8	16.5	9.5		8.5	10.7	10.8	10.0	93	88	93	91	8.3	--	1.5	--	--	--				
7	11.4	15.6	14.7	14.1	19.6	7.5		9.9	9.0	10.3	9.7	98	56	83	83	0.0	1.0	--	2.0	1.7	3.7				
8	11.2	13.5	14.0	13.2	17.5	10.0		9.7	11.3	11.5	10.8	96	98	96	97	5.0	--	--	1.2	0.7	5.9				
9	10.3	16.1	14.1	13.6	18.0	9.3		9.1	10.8	11.7	10.5	98	90	96	92	0.0	0.4	4.0	--	--	--				
10	10.7	13.1	12.8	14.8	17.6	10.1		9.4	10.0	10.5	10.0	92	88	95	94	5.0	1.2	--	2.7	2.0	6.2				
11	10.9	13.9	12.5	14.9	16.3	7.8		9.5	10.7	10.1	10.1	96	90	93	94	6.7	1.0	1.5	--	6.9	26.6				
12	11.0	15.5	10.0	14.1	16.5	9.7		9.6	10.2	8.7	9.5	98	76	94	90	10.0	0.7	19.7	1.7	11.3	13.0				
13	10.0	17.0	14.0	13.7	21.0	8.6		7.7	10.2	10.8	9.6	82	76	90	81	5.0	3.7	--	3.7	0.8	4.5				
14	10.0	14.7	10.6	12.9	18.2	8.6		9.0	9.7	10.7	9.8	96	75	91	88	3.3	3.8	--	--	--	--				
15	10.0	14.6	14.0	13.1	21.0	8.9		8.9	8.2	11.2	9.5	96	66	94	86	0.0	4.5	--	--	--	--				
16	13.0	15.0	13.6	13.0	22.3	17.6		9.0	11.3	10.8	10.4	96	89	93	93	1.7	1.2	--	--	--	--				
17	11.0	16.0	14.3	13.9	19.6	8.7		9.2	12.6	11.9	11.2	93	92	92	93	5.0	3.0	--	--	3.7	3.7				
18	12.0	14.0	14.0	13.5	17.4	11.3		9.8	10.6	11.2	10.5	93	88	94	92	3.3	0.2	--	--	7.5	27.8				
19	11.0	15.0	14.0	13.5	16.0	9.9		9.8	12.8	12.1	11.6	100	100	100	100	10.0	--	20.3	15.7	3.8	29.6				
20	11.2	15.3	13.0	12.9	15.6	9.8		9.7	10.7	10.1	10.2	96	86	90	92	10.0	0.3	9.1	2.4	1.5	7.5				
21	11.9	14.7	11.2	14.7	16.7	9.1		10.1	11.0	8.8	10.0	98	88	86	91	6.7	0.1	3.6	0.1	5.7	10.4				
22	12.0	14.1	11.2	14.6	15.6	7.8		10.4	10.8	9.7	10.3	96	90	96	95	5.0	--	4.6	13.0	9.5	25.7				
23	10.0	16.1	12.1	12.6	17.5	9.0		9.0	11.2	9.8	10.0	96	83	96	91	0.0	--	3.2	5.5	2.0	7.5				
24	10.2	14.7	13.2	12.8	16.0	9.7		9.1	10.3	10.6	10.0	96	83	93	91	5.0	0.2	--	0.3	0.2	3.5				
25	10.0	15.5	14.3	13.5	17.3	9.0		8.5	10.2	9.7	9.5	93	76	81	84	5.0	0.8	3.0	--	--	--				
26	10.0	16.0	14.3	13.6	18.6	9.0		8.7	10.6	8.4	9.2	94	78	70	81	0.0	0.9	--	--	2.4	4.1				
27	11.2	17.1	15.3	14.7	19.6	9.5		9.7	10.2	11.5	10.5	98	70	88	85	0.0	0.2	1.7	--	--	--				
28	11.0	16.3	13.1	13.4	22.3	9.5		9.5	12.2	10.4	10.7	96	88	96	93	0.0	1.6	--	--	--	--				
29																									
30																									
31																									
MED.	10.8	15.0	13.4	13.2	18.3	9.1		9.3	10.6	10.5	10.1	96	82	91	90	4.2	1.1	3.2	2.1	2.6	7.9				

Total 220.2 m.m.

Edit. Geniçafé 25

ESTACION Las Palomas MES Marzo AÑO 1963 φ = 50 08' N λ = 75° 28' W.GR - ALTURA 2.700 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	11.8	16.4	15.1	14.6	20.0	9.7		9.7	11.4	10.3	10.5	93	81	81	85	3.3	—	--	--	--	--				
2	12.6	16.8	13.1	13.9	21.3	10.0		10.3	10.5	8.9	9.9	93	73	80	82	1.7	—	--	--	--	--				
3	10.0	18.0	14.3	14.1	20.0	10.0		9.0	7.7	9.7	8.8	98	50	81	76	0.0	—	--	--	--	--				
4	11.1	15.0	14.3	13.4	18.6	10.3		8.5	11.3	11.2	10.3	93	88	93	91	8.3	—	--	4.4	0.6	5.0				
5	10.6	15.4	13.1	13.0	19.3	10.0		9.4	8.1	9.9	9.1	98	62	88	83	5.0	—	0.1	--	--	--				
6	11.3	16.1	14.1	13.9	17.6	10.0		8.4	9.8	11.5	9.9	90	72	96	86	0.0	—	--	2.4	--	2.4				
7	10.6	15.6	13.1	13.1	19.1	10.3		8.9	11.9	10.4	10.4	93	84	93	90	3.3	—	--	--	9.2	9.2				
8	10.6	17.6	14.1	14.1	18.1	10.3		8.9	10.7	11.1	10.2	93	71	93	86	1.7	—	--	--	--	--				
9	10.6	17.2	13.1	13.5	18.6	7.5		9.4	11.8	10.6	10.6	98	80	94	91	5.0	0.2	--	0.8	--	0.8				
10	12.0	15.3	12.1	12.9	16.1	10.3		9.4	11.5	9.8	10.2	90	88	93	90	5.0	—	--	10.8	4.6	16.6				
11	10.0	15.3	12.0	12.3	16.4	9.5		8.3	10.7	9.7	9.6	90	83	92	88	5.0	—	3.2	0.6	3.7	4.9				
12	10.1	15.2	13.4	13.0	16.3	9.6		8.3	10.7	10.8	9.9	90	82	93	89	5.0	—	0.6	5.3	0.7	9.1				
13	12.0	14.7	13.8	13.6	16.3	11.0		10.3	11.5	11.6	11.1	98	93	98	96	10.0	—	3.1	3.2	1.0	7.6				
14	10.1	14.7	11.0	11.9	16.3	7.6		9.2	11.3	9.4	10.0	100	90	95	95	10.0	—	3.4	4.6	1.6	5.6				
15	12.1	17.0	14.1	14.3	17.5	10.0		9.6	11.3	11.1	10.7	90	78	93	87	5.0	—	—	—	1.3	1.3				
16	10.0	15.1	12.1	12.3	16.3	7.5		9.0	10.1	9.9	9.7	98	78	93	90	5.0	—	—	0.2	8.4	9.3				
17	12.0	16.3	13.1	13.6	17.6	10.0		10.3	9.7	10.0	10.0	98	70	98	85	5.0	—	0.7	0.1	0.1	1.1				
18	11.2	16.2	14.0	13.8	17.8	10.0		9.3	12.9	10.6	10.9	88	93	88	90	10.0	0.2	0.9	12.0	0.3	12.3				
19	11.8	15.6	12.2	12.9	16.7	11.0		9.5	11.5	9.9	10.3	92	87	93	91	6.7	—	--	—	1.0	1.4				
20	11.0	17.9	15.1	14.8	20.0	10.5		9.6	10.5	10.7	10.3	98	69	83	93	0.0	--	0.4	--	--	--				
21	11.0	13.6	16.0	15.6	20.0	10.5		9.8	10.4	10.6	10.3	100	60	78	79	0.0	—	--	--	--	--				
22	12.1	15.4	13.1	13.4	19.6	10.5		9.9	10.7	9.2	9.9	93	86	80	85	5.0	—	—	—	—	--				
23	10.0	16.2	14.1	13.6	19.1	7.6		9.0	10.2	10.0	9.7	98	73	83	85	0.0	0.6	—	—	—	--				
24	11.2	15.1	13.1	13.1	15.8	11.0		9.3	10.1	10.6	10.0	93	78	93	88	5.0	0.4	—	—	—	--				
25	12.5	15.1	14.0	13.9	18.0	11.0		9.7	11.5	11.7	11.0	90	88	98	92	8.3	--	--	8.7	5.7	23.0				
26	10.0	14.1	12.0	12.0	17.6	7.5		9.0	10.8	10.3	10.0	98	90	98	95	10.0	—	10.6	7.8	10.7	18.5				
27	10.0	18.6	14.5	14.4	19.6	9.5		9.0	12.5	11.1	10.7	98	78	90	89	10.0	--	—	13.9	13.5	27.4				
28	11.9	15.6	14.0	13.9	16.6	10.5		10.1	11.8	11.1	11.0	96	86	93	93	3.3	0.1	—	0.6	—	3.9				
29	10.2	15.2	14.0	13.3	17.6	10.0		8.4	10.1	10.6	9.7	90	78	88	85	1.7	—	3.3	0.4	—	0.4				
30	10.0	12.0	10.5	10.7	16.0	7.6		9.0	9.2	9.5	9.2	98	88	100	95	10.0	1.9	—	10.0	4.8	14.8				
31	12.0	14.0	12.0	12.5	21.0	10.0		9.8	11.0	9.8	10.2	93	92	93	93	10.0	2.7	--	--	0.7	0.7				
MED.	11.0	15.9	13.4	13.4	18.1	9.7		9.3	10.7	10.4	10.1	94	80	90	88	5.1	0.2	0.8	2.7	2.2	5.7				

Total 177.3 m.m.

Edit. Comicati 25

ESTACION Las Palomas MES Abril AÑO 19 63 φ = 50 08' N λ = 75° 28' W.GR - ALTURA 2.700 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	12.0	14.5	11.0	12.1	16.6	10.0		10.0	11.0	9.6	10.2	96	88	100	95	8.3	--	--	3.3	19.5	22.8				
2	11.0	13.7	16.0	14.2	21.0	10.0		9.2	10.4	10.8	10.1	93	86	80	87	5.0	0.2	--	2.1	0.9	6.4				
3	12.0	15.6	12.7	13.2	16.9	10.0		10.5	11.8	10.3	10.9	100	88	93	94	3.3	0.4	3.4	0.6	0.8	5.6				
4	12.0	14.6	12.6	12.9	15.7	10.7		9.4	11.0	10.7	10.4	90	88	98	92	5.0	--	4.2	0.8	--	0.8				
5	10.5	15.7	13.8	13.4	16.8	9.9		8.6	11.2	10.4	10.1	90	83	88	87	0.0	--	--	--	--	13.2				
6	10.9	14.7	13.1	12.9	16.9	8.6		9.7	12.6	10.6	11.0	100	99	93	97	10.0	0.3	13.2	7.8	13.2	29.0				
7	12.0	14.0	10.0	11.5	14.9	9.5		9.8	11.7	8.3	9.9	93	98	90	94	10.0	--	8.0	8.6	3.3	12.2				
8	11.0	15.7	13.5	13.4	16.9	8.5		9.2	10.4	10.2	9.9	93	78	88	86	5.0	0.7	0.3	--	--	24.0				
9	10.0	15.0	12.1	12.3	15.7	9.5		9.2	9.9	9.9	9.7	100	78	93	90	8.3	--	24.0	1.2	7.4	10.1				
10	12.0	14.7	13.0	13.2	19.1	10.0		9.8	11.7	11.3	10.9	93	93	100	95	5.0	--	1.5	2.1	0.3	5.4				
11	10.0	14.7	11.1	11.7	19.0	5.2		9.2	11.2	9.8	10.1	100	88	100	96	5.0	--	3.0	0.4	35.2	35.7				
12	11.0	13.7	11.2	11.8	18.0	5.7		9.8	10.7	9.6	10.0	100	90	98	96	3.3	0.2	0.1	1.3	3.7	5.0				
13	12.0	14.9	12.1	12.8	18.6	9.0		10.5	11.2	9.3	10.3	100	88	88	92	5.0	--	--	2.4	12.1	15.2				
14	10.4	15.6	13.2	13.1	22.0	7.9		9.5	11.9	10.6	10.7	100	90	93	94	3.3	0.5	0.7	0.2	--	0.5				
15	11.2	17.4	14.1	14.2	18.0	9.5		9.7	12.5	11.4	11.2	98	83	95	92	3.3	0.2	0.3	0.9	0.3	1.2				
16	10.3	16.0	14.1	13.6	19.0	7.9		9.0	12.3	10.8	10.7	97	90	90	92	3.3	0.3	--	1.7	2.0	3.7				
17	11.8	16.7	13.7	14.0	17.6	10.0		9.3	12.0	10.8	10.7	90	83	93	88	1.7	1.3	--	--	1.8	2.0				
18	13.0	14.8	13.1	13.5	15.9	11.5		10.1	11.2	10.6	10.6	90	88	93	90	5.0	--	0.2	--	10.8	10.8				
19	11.2	15.6	12.1	12.7	18.6	10.0		9.3	11.9	10.1	10.4	93	90	93	92	3.3	--	--	3.5	8.8	14.5				
20	10.6	14.1	11.8	12.1	18.0	7.9		9.3	12.1	9.7	10.5	100	100	93	98	1.7	0.9	2.2	--	11.3	11.4				
21	10.0	14.0	13.9	12.9	18.6	7.8		9.2	10.6	11.9	10.6	100	88	100	96	3.3	--	0.1	5.9	2.0	7.9				
22	12.0	14.9	10.0	11.7	22.3	8.9		10.5	11.2	9.2	10.3	100	88	100	96	5.0	1.2	--	6.7	--	6.7				
23	10.0	15.9	13.1	13.0	18.6	7.8		9.2	12.5	10.3	10.7	100	93	90	94	5.0	0.2	--	16.3	--	16.3				
24	12.8	14.9	13.1	13.5	17.9	11.0		10.0	11.2	10.6	10.6	90	88	93	90	3.3	--	--	--	1.4	12.4				
25	11.0	15.9	14.1	13.8	18.6	9.5		9.8	9.3	9.6	9.6	100	70	80	83	5.0	--	11.0	--	--	--				
26	10.0	14.4	12.0	12.1	16.5	10.0		7.8	9.5	9.8	9.0	84	78	93	85	3.3	2.0	--	3.6	3.4	7.0				
27	11.1	17.1	14.6	14.3	19.1	8.9		10.0	12.9	12.5	11.5	100	88	100	96	5.0	--	--	--	0.3	0.4				
28	11.1	16.1	12.0	12.8	18.0	7.9		10.0	12.4	10.5	11.0	100	90	100	97	8.3	--	0.1	5.6	1.4	29.2				
29	11.0	14.7	12.0	12.4	17.6	10.3		9.8	11.2	9.8	10.3	100	88	93	94	10.0	--	22.2	10.7	0.9	21.1				
30	11.0	15.0	13.0	13.0	15.7	10.0		9.8	11.8	10.1	10.6	100	93	90	94	10.0	--	9.5	10.5	1.3	11.9				
31																									
MED.	11.2	15.2	12.7	12.9	17.0	9.0		9.6	11.4	10.2	10.4	96	86	93	92	5.1	0.3	3.5	3.2	4.7	11.4				

Total 342.4 m.m.

Edit. Caricatá 25

ESTACION Las Palomas MES Mayo AÑO 19 63 φ = 50 08' N λ = 75° 23' W.GR - ALTURA 2.700 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	12.0	15.6	13.7	13.7	18.0	10.0		9.0	11.8	11.9	10.9	86	88	100	91	1.7	1.6	0.1	--	--	20.0				
2	10.0	15.6	12.1	12.4	16.5	9.7		8.5	10.5	9.9	9.6	93	80	93	89	3.3	--	20.0	0.3	--	0.3				
3	10.1	13.2	11.9	11.8	18.1	7.8		9.3	10.3	9.3	9.6	100	90	90	93	5.0	1.9	--	--	7.9	9.1				
4	11.0	15.7	13.1	13.2	18.7	9.9		9.4	12.0	10.6	10.7	95	88	93	92	5.0	--	1.2	5.4	1.0	6.4				
5	11.1	15.4	13.0	13.1	17.6	10.0		9.3	12.2	10.4	10.6	93	93	93	93	5.0	3.3	--	15.3	--	17.5				
6	10.6	14.6	11.0	13.8	16.6	10.0		9.6	11.2	9.8	10.2	100	90	100	97	10.0	0.3	1.2	3.0	7.1	10.6				
7	10.0	15.1	12.0	12.3	16.1	7.9		9.2	11.5	10.0	10.2	100	88	96	95	5.0	0.8	0.5	13.8	3.2	19.7				
8	11.2	13.8	12.0	12.5	15.4	10.5		10.0	10.9	10.5	10.5	100	93	100	98	8.3	0.1	2.7	14.5	24.3	80.1				
9	10.0	16.3	12.1	12.6	18.1	9.5		9.2	11.0	10.2	10.1	100	80	96	92	10.0	0.2	41.3	--	6.7	6.8				
10	13.0	18.9	15.0	15.5	19.3	11.3		11.3	9.9	12.3	11.2	100	80	86	88	5.0	--	2.1	--	1.3	8.7				
11	10.1	14.6	12.0	12.2	17.0	7.8		9.2	11.0	10.0	10.1	99	88	96	94	5.0	0.7	7.4	--	--	--				
12	10.0	15.9	13.1	13.0	20.0	7.6		9.2	12.0	10.9	10.7	100	88	96	95	5.0	0.5	--	4.7	0.1	4.7				
13	12.1	15.2	15.0	14.3	17.9	11.6		11.6	13.7	12.0	11.4	93	93	94	90	5.0	--	--	1.4	--	2.0				
14	13.1	14.1	13.0	13.3	16.8	11.0		10.0	11.1	10.4	10.5	90	93	93	92	5.0	0.4	0.6	6.9	--	14.6				
15	11.5	16.7	12.0	13.0	18.5	10.5		10.2	12.5	10.0	10.9	100	88	96	95	5.0	0.2	7.7	1.9	2.1	4.0				
16	13.5	15.9	13.0	13.1	17.0	7.9		9.5	12.0	10.4	10.6	100	88	93	94	3.3	0.4	--	--	--	--				
17	12.0	17.6	14.0	14.4	19.0	10.0		9.2	9.3	9.3	9.3	88	70	78	79	0.0	--	--	--	--	12.4				
18	13.1	15.9	13.0	13.0	13.6	7.9		9.2	12.0	12.4	10.5	99	88	93	93	3.3	--	12.4	--	0.2	0.5				
19	10.3	14.5	11.2	11.8	18.6	8.6		9.1	10.9	10.0	10.0	98	88	100	95	0.0	0.2	0.3	0.7	--	0.7				
20	11.0	15.0	14.0	13.5	19.9	10.0		9.2	11.8	10.6	10.5	93	93	88	91	5.0	1.8	--	--	--	--				
21	11.2	19.0	15.0	15.0	20.8	10.3		9.3	11.5	9.9	10.2	93	70	78	80	1.7	--	--	--	0.2	0.2				
22	10.3	18.0	15.1	14.6	21.0	9.0		7.7	10.8	10.3	9.6	93	70	80	78	0.0	--	--	--	--	--				
23	10.4	18.0	15.4	14.8	19.4	7.4		9.5	10.8	11.8	10.7	100	70	90	87	5.0	0.7	--	--	0.1	0.1				
24	13.0	18.6	15.0	15.4	19.1	11.5		10.1	11.2	11.8	11.0	90	70	93	84	3.3	--	--	--	--	--				
25	10.0	14.7	14.3	13.3	15.1	7.5		9.2	10.4	11.2	10.3	100	83	93	92	3.3	--	--	--	0.2	0.2				
26	10.0	14.9	13.1	12.8	17.6	7.9		9.2	11.2	10.9	10.4	100	88	96	95	1.7	0.4	--	7.1	7.3	22.7				
27	10.0	15.6	13.1	12.9	18.6	8.6		9.2	12.3	10.6	10.7	100	93	93	95	5.0	0.7	8.3	7.5	11.8	20.9				
28	12.1	17.2	15.1	14.9	19.0	11.5		10.4	11.1	11.6	11.0	99	75	90	88	8.3	--	1.6	0.6	--	0.6				
29	12.0	15.5	14.0	13.9	13.6	11.0		9.8	11.3	11.5	10.9	93	86	96	92	3.3	1.2	--	2.8	--	2.8				
30	13.1	16.6	15.1	15.0	20.0	11.6		10.8	13.0	13.0	10.3	95	70	77	81	9.3	--	--	--	--	2.7				
31	11.0	15.0	15.0	14.2	21.0	10.5		9.6	9.4	11.5	10.2	100	70	90	87	5.0	--	2.7	--	--	--				
MED.	11.0	15.9	13.4	13.5	18.4	9.6		9.6	11.1	10.5	10.4	96	83	92	90	4.5	0.5	3.8	2.7	2.4	8.7				

Total 270.4 m. m.

Edit. Canicafé 25

ESTACION Las Palonas MES Junio AÑO 1963 φ = 5º 08' N λ = 75º 28' W.GR - ALTURA 2.700 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1																0.0	0.1	--	0.1	--	0.1				
2																		--	--	4.8	0.1	4.9				
3	11.0	14.8	11.7	12.3	17.6	10.0		8.9	8.7	9.8	9.1	90	70	96	85	0.0	--	--	--	--	--	--				
4	10.8	12.8	11.5	11.6	14.2	10.2		9.0	9.5	8.8	9.1	92	86	95	91	0.0	--	--	2.0	1.1	3.1				
5	10.6	13.6	11.8	11.9	16.3	9.9		9.0	7.4	9.9	8.8	94	64	95	84	--	1.3	--	0.5	--	0.5				
6	11.1	15.5	12.8	13.0	17.2	10.0		8.7	7.0	10.0	8.6	88	53	90	77	--	1.3	--	--	--	--				
7	10.4	12.6	11.5	11.7	14.8	9.8		8.5	7.7	9.0	8.4	90	70	89	83	--	0.6	--	5.8	5.5	11.3				
8	10.9	13.8	12.7	12.5	15.3	10.2		7.9	9.0	10.1	9.0	92	76	92	87	--	--	--	4.4	0.1	5.7				
9	10.9	14.2	11.7	12.1	15.5	10.6		9.3	9.9	9.8	9.7	95	82	96	91	--	--	1.2	0.2	--	1.1				
10	10.4	12.0	11.3	11.2	14.3	9.5		9.0	8.0	9.6	8.9	95	76	96	89	--	--	0.9	0.1	1.5	2.8				
11	10.0	11.8	10.0	10.4	12.2	9.0		9.0	9.3	9.0	9.1	97	90	98	95	--	--	1.2	14.1	9.1	49.1				
12	10.0	12.0	10.0	10.5	12.1	7.0		8.9	9.0	9.0	9.0	96	85	98	93	--	--	25.9	0.3	1.9	17.0				
13	10.0	12.0	10.0	10.5	12.2	8.8		9.0	10.3	9.0	9.4	98	88	98	95	--	--	14.8	21.1	1.5	22.6				
14	10.0	12.0	10.0	10.5	13.1	9.0		9.0	8.9	9.1	9.0	98	84	97	93	--	--	--	0.3	--	0.9				
15																		0.6	--	0.2	0.2				
16																		--	--	0.4	2.0				
17	12.0	14.8	10.2	11.7	16.3	10.3		9.0	7.7	7.6	8.1	86	62	83	77	--	0.8	1.6	--	--	--				
18	11.5	17.3	12.0	13.2	17.8	8.8		9.1	9.3	9.0	9.1	90	63	86	80	--	4.8	--	--	--	--				
19	11.0	16.0	11.3	12.4	18.0	9.9		9.3	8.7	8.8	8.9	94	65	88	82	--	1.0	--	0.4	--	0.4				
20	10.6	13.6	11.8	11.9	14.0	9.7		9.0	9.7	9.3	9.3	94	82	90	89	--	--	--	--	--	--				
21	11.0	17.0	12.0	13.0	18.0	8.7		8.7	7.7	9.0	8.5	88	53	86	76	--	1.4	--	0.1	--	0.1				
22	10.0	15.1	11.6	12.1	17.0	9.5		7.9	9.1	9.1	8.7	86	72	90	83	--	0.2	--	--	--	0.9				
23	10.2	15.0	12.2	12.4	16.3	9.2		8.5	9.0	9.9	9.1	92	71	93	85	--	0.8	0.9	--	--	--				
24	10.3	14.3	10.8	11.5	15.3	9.2		8.4	9.1	9.0	8.8	90	76	93	86	--	0.1	--	1.8	0.4	2.2				
25	10.0	13.6	12.0	11.9	16.2	9.3		8.4	8.7	9.8	9.0	92	75	93	87	--	--	--	1.8	--	1.8				
26	10.3	14.8	12.0	12.3	15.8	10.0		9.0	9.4	9.4	8.8	96	75	94	88	--	0.4	--	--	--	--				
27	10.1	14.0	12.0	12.0	15.8	9.0		8.9	8.7	9.9	9.2	96	70	94	87	--	--	--	--	--	--				
28	10.0	14.8	11.8	12.1	15.0	9.3		8.8	9.8	9.3	9.3	95	78	90	88	--	0.1	--	--	--	--				
29	10.3	13.2	11.8	11.8	13.9	9.7		9.0	9.5	9.9	9.5	96	84	93	91	--	0.2	--	0.2	0.2	0.4				
30	10.2	14.3	12.1	12.2	15.5	9.8		9.1	8.4	9.0	8.8	97	70	86	84	--	--	--	--	--	--				
31																									
MED.	10.5	14.0	11.5	11.9	15.4	9.5		8.8	8.8	9.3	9.0	93	74	92	86	--	0.5)	1.6	1.9	0.7	4.2				

ESTACION Las Palomas MES Julio AÑO 1963 φ = 5º 08' N λ = 75º 28' W.GR - ALTURA 2.700 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	10.3	15.5	10.3	11.6	15.6	9.5		8.6	9.3	8.6	8.8	93	71	93	86		0.6	--	--	1.2	5.4				
2	10.3	12.0	10.0	10.6	12.2	9.3		8.0	8.5	8.5	8.3	96	81	93	90		--	4.2	6.9	2.2	9.1				
3	10.6	16.6	11.8	12.7	18.3	8.0		8.9	9.4	9.9	9.4	93	66	96	85		2.7	--	--	--	--				
4	10.9	13.3	11.0	11.5	14.2	9.0		8.8	8.9	9.4	9.0	90	78	95	88		--	--	--	--	--				
5	10.6	16.8	12.2	12.9	18.0	9.0		8.8	8.6	9.9	9.1	91	60	93	81		1.2	--	--	--	--				
6	10.6	12.0	10.6	10.9	14.0	9.8		9.1	9.2	9.1	9.1	94	88	95	92		0.2	--	--	--	--				
7	10.3	15.0	11.0	11.8	16.2	9.0		8.9	9.5	9.4	9.3	95	74	95	88		--	--	--	0.3	3.6	3.9				
8																	0.2	--	--	0.1	0.1				
9																	0.8	--	0.3	--	0.3				
10																	0.2	--	--	8.0	15.5				
11																	0.1	7.8	0.8	1.2	2.0				
12																	--	--	--	--	--				
13																	--	--	--	--	0.1				
14																	1.9	0.1	--	1.1	11.2				
15	10.2	13.0	10.8	11.2	14.0	9.1		8.8	8.5	9.3	8.9	94	76	95	88		--	10.1	--	3.0	3.4				
16	10.0	12.6	10.0	10.6	15.0	8.3		8.9	9.1	8.8	8.9	96	84	95	92		0.3	0.4	--	--	0.1				
17	12.0	14.0	12.0	12.5	15.0	8.7		8.9	9.1	10.2	9.4	95	76	97	89		--	0.1	0.7	1.7	14.2				
18	10.3	13.0	11.5	11.6	14.7	9.0		8.8	7.9	9.3	8.7	94	71	92	86		1.3	11.8	0.1	--	6.4				
19	10.2	13.5	11.2	11.5	14.9	8.0		8.8	8.8	9.6	9.1	95	76	96	89		0.3	6.3	--	0.5	0.5				
20	10.4	12.6	10.0	10.7	14.2	7.5		8.9	8.9	9.0	8.9	94	82	98	91		0.6	--	--	0.2	4.6				
21	10.0	13.0	10.5	11.0	23.8	8.7		9.1	8.9	9.2	9.1	99	80	97	92		1.1	4.4	--	--	5.3				
22																		5.3	--	--	--				
23																		--	--	0.4	0.4				
24																		--	0.2	--	0.2				
25																		--	--	--	--				
26																		--	--	--	--				
27																		--	0.1	0.8	0.9				
28																		--	0.8	16.9	30.6				
29																		12.9	1.7	0.2	3.5				
30																		2.2	--	0.4	2.0				
31																		1.6	0.2	--	0.2				
MED.																		2.2	0.4	1.3	3.9				

Total 120.2 m.m.

ESTACION Las Palomas MES Agosto AÑO 1963 φ = 5º 08' N λ = 75º 28' W.GR - ALTURA 2.700 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1																	--	--	3.1	3.5	38.2				
2																	2.4	31.6	5.8	3.3	9.1				
3																	0.2	--	--	--	--				
4																	3.3	--	--	--	--				
5																	0.5	--	0.3	--	0.3				
6																	1.7	--	--	--	--				
7																	--	--	--	--	--				
8																	0.7	--	0.4	0.7	1.3				
9																	0.6	0.2	7.1	--	7.1				
10																	0.2	--	--	--	--				
11																	--	--	--	--	--				
12																	1.0	--	--	--	0.4				
13																	3.3	0.4	--	--	--				
14																	0.3	--	0.1	0.2	0.3				
15																	0.7	--	--	8.0	8.5				
16																	--	0.5	--	--	--				
17																	4.0	--	--	--	--				
18																	--	--	--	--	--				
19	10.3	12.8	11.0	11.3	14.1	9.5		9.2	9.4	9.5	9.4	99	85	96	93		0.9	--	--	1.0	8.6				
20	10.3	11.2	10.2	10.5	13.6	9.6		9.3	8.6	9.1	9.0	100	86	97	94		2.0	7.6	1.6	4.1	6.0				
21	10.0	12.0	11.8	11.4	16.2	8.8		9.0	10.3	9.3	9.5	98	88	90	92		0.2	0.3	--	--	--				
22	10.0	12.0	11.0	11.0	11.0	8.8		8.9	9.0	9.3	9.1	96	86	94	92		2.2	--	--	--	--				
23	10.2	14.0	12.0	12.0	15.5	9.8		8.4	8.4	9.8	8.9	90	71	93	85		3.0	--	--	--	--				
24	10.3	14.0	12.6	12.4	17.0	10.0		9.1	7.4	10.5	9.0	98	62	86	82		0.8	--	--	--	--				
25	10.3	15.8	13.5	13.3	16.5	9.0		8.8	8.8	10.5	9.4	94	66	90	83		2.8	--	--	--	--				
26	10.3	17.0	12.0	12.8	17.9	9.9		9.3	10.6	9.2	9.7	100	72	88	87		8.9	--	0.6	1.4	2.1				
27	11.0	13.2	12.0	12.0	14.8	10.4		9.6	10.6	9.6	9.9	98	83	91	91		--	0.1	--	--	--				
28	10.4	14.0	12.2	12.2	15.2	9.3		9.1	8.5	10.3	9.3	97	72	97	89		1.1	--	0.4	7.8	8.2				
29	10.0	13.6	12.5	12.1	14.0	8.9		9.0	10.6	9.7	9.8	98	85	90	91		1.0	--	--	--	--				
30	10.8	15.0	13.0	12.9	17.0	9.9		9.4	8.0	10.1	9.2	96	63	90	83		2.7	--	--	--	--				
31	10.2	13.3	11.5	11.6	15.0	9.8		9.1	9.3	9.1	9.2	98	81	90	90		--	--	--	--	--				
MED.	(10.3	13.7	11.9	12.0	15.3	9.5		9.1	9.2	9.7	9.3	97	77	92	89)		1.3	1.3	0.6	1.0	2.9				

Total 90.1 m.m.

ESTACION Las Palomas MES Octubre AÑO 1963 φ = 5º 08' N λ = 75º 28' W.GR - ALTURA 2.700 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1																									
2																									
3																									
4	10.0	12.8	10.0	10.7	14.3	9.0		8.9	9.1	8.9	9.0	96	93	95	92										
5	10.3	15.4	10.6	11.7	16.0	8.2		8.5	10.6	8.9	9.3	92	82	93	89										
6	10.4	13.3	11.0	11.4	13.8	9.1		9.1	9.7	9.8	9.5	96	85	100	94										
7	10.1	13.0	10.6	11.1	13.8	8.6		8.8	10.1	9.5	9.5	95	90	95	95										
8	10.3	13.0	10.4	11.0	14.0	8.5		8.6	9.9	9.0	9.2	93	88	95	92										
9	10.2	12.0	11.0	11.0	13.0	9.0		8.9	9.0	9.4	9.1	95	86	95	92										
10	10.8	12.0	10.4	10.8	12.2	9.0		8.5	9.2	9.1	8.9	98	88	96	94										
11	10.2	13.0	11.0	11.3	14.0	9.0		9.1	9.5	9.6	9.4	98	85	98	94										
12	10.2	12.6	10.5	10.9	13.0	8.8		9.1	9.2	9.2	9.2	98	85	97	93										
13	10.2	13.6	11.5	11.7	15.6	9.0		8.8	8.4	9.8	9.0	94	72	96	87										
14	11.2	15.6	13.0	13.2	16.2	10.0		9.6	10.1	10.1	9.9	95	77	90	87										
15	10.8	15.0	13.3	13.1	16.2	10.0		9.5	10.3	10.9	10.2	98	81	96	92										
16	10.6	13.0	10.3	11.0	14.0	10.0		9.2	9.4	9.4	9.2	96	84	95	92										
17	10.2	13.0	11.5	11.5	14.8	9.8		9.0	9.3	9.1	9.1	98	83	90	90										
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MED.																									

ESTACION Las Palomas MES Noviembre AÑO 1963 φ = 50 08' N λ = 75º 28' W.GR - ALTURA 2.700 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1																									
2																									
3																									
4																									
5	10.3	12.1	10.3	10.7	12.4	9.5		9.1	9.0	9.1	9.1	98	86	97	94										
6	10.0	11.3	10.3	10.5	12.1	8.8		9.0	8.9	8.9	8.9	98	90	95	94										
7	10.0	12.0	10.6	10.8	12.3	9.0		9.0	9.7	9.3	9.3	98	92	97	96										
8	10.4	12.0	11.0	11.1	12.3	9.3		9.2	10.3	9.1	9.5	98	82	92	91										
9	10.4	12.0	11.6	11.4	12.6	9.3		9.1	9.7	9.8	9.5	96	92	98	95										
10	10.0	13.3	11.5	11.6	13.6	8.5		8.7	8.1	9.2	8.7	94	72	91	86										
11	10.4	13.6	12.0	12.0	14.8	8.3		8.8	9.4	9.4	9.2	93	80	90	88										
12	10.2	16.0	12.1	12.8	17.3	9.0		9.1	8.8	8.5	8.8	96	65	85	83										
13	10.2	12.0	10.4	10.9	13.3	10.0		9.1	9.2	9.1	9.1	98	88	96	94										
14	10.3	13.0	10.8	11.2	14.6	9.6		9.0	8.5	9.4	9.0	96	76	96	89										
15	10.2	12.0	11.0	11.0	12.7	9.0		9.0	9.0	9.5	9.2	96	86	96	93										
16	10.3	12.0	10.0	10.6	13.6	9.0		9.1	8.8	9.5	9.2	98	87	97	94										
17	10.6	15.0	12.0	12.4	15.6	8.5		9.1	8.8	9.7	9.2	95	70	92	87										
18	10.7	13.0	10.2	11.0	14.6	9.0		8.9	8.8	8.4	8.7	93	78	91	89										
19	10.5	15.0	11.6	12.2	15.6	8.9		9.2	9.2	9.9	9.4	96	73	97	99										
20	10.4	14.5	12.2	12.3	15.8	8.6		9.0	8.6	9.9	9.2	95	70	98	88										
21	10.3	11.2	10.2	10.5	12.0	9.0		9.0	8.9	8.6	8.8	96	85	93	91										
22	10.4	13.0	11.0	11.3	13.1	9.9		8.8	9.9	9.2	9.3	93	88	93	91										
23	10.2	12.8	10.0	10.7	13.6	9.0		9.0	9.6	8.9	9.2	96	87	96	93										
24	10.3	11.0	10.1	10.4	11.5	8.5		9.1	8.9	9.1	9.0	98	90	90	97										
25	10.1	12.0	10.0	10.5	12.3	8.8		8.8	9.2	8.9	9.0	95	88	96	93										
26																									
27																									
28																									
29																									
30																									
31																									
MED.																									

ESTACION Las Palomas MES Diciembre AÑO 1963 φ = 30° 08' N λ = 15° 28' W.GR - ALTURA 2.700 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1																		--	--	--	--				
2																		--	--	--	--				
3																		--	--	--	0.3				
4																		0.3	--	--	--				
5																		--	--	--	--				
6																		--	--	--	--				
7																		--	--	--	--				
8																		--	--	--	--				
9																		--	0.6	0.1	0.7				
10																		--	--	--	--				
11																		--	--	--	--				
12																		--	--	--	--				
13																		--	--	--	--				
14																		--	--	--	--				
15																		--	--	--	--				
16	10.0	14.1	13.0	12.5	18.0	7.0		8.1	8.4	9.8	8.8	88	75	88	84	0.0	2.9	--	--	7.3	26.8				
17	10.0	13.8	11.5	11.7	19.0	9.5		9.2	10.4	10.2	9.9	100	88	100	96	6.7	1.5	19.5	--	--	--				
18	10.0	15.0	13.0	12.7	18.0	9.1		9.2	9.2	10.1	9.5	100	73	90	88	3.3	1.0	--	3.3	0.9	4.2				
19	11.0	15.0	12.3	12.6	20.2	10.4		8.7	11.6	11.7	10.3	88	86	100	91	3.3	1.1	--	--	--	--				
20	10.9	15.6	13.9	13.6	20.2	10.3		9.7	9.4	12.3	10.5	100	72	96	89	0.0	1.5	--	--	--	--				
21	10.9	16.9	13.6	13.7	20.0	10.8		9.7	10.8	9.4	10.0	100	75	80	85	1.7	2.2	--	--	--	--				
22	11.0	15.0	13.3	13.1	21.0	10.7		9.2	11.6	10.6	10.5	92	91	92	92	0.0	4.0	--	--	--	--				
23	12.0	14.0	12.0	12.5	18.0	10.5		9.8	10.6	9.0	9.8	93	88	86	89	5.0	3.3	--	--	0.2	0.2				
24	10.6	14.0	12.1	12.2	18.9	10.0		8.5	10.0	9.0	9.2	88	83	86	86	5.0	0.8	--	2.8	0.1	3.1				
25	11.0	15.9	13.1	13.3	19.0	9.6		9.3	9.3	9.3	9.3	94	70	83	82	5.0	2.0	0.2	--	--	--				
26	11.0	14.0	12.0	12.2	19.0	9.6		9.8	9.3	8.8	9.3	100	76	83	87	1.7	2.3	--	--	--	--				
27	11.0	14.0	12.0	12.2	20.9	10.0		8.7	8.4	8.8	8.6	88	71	83	81	3.3	4.2	--	--	--	--				
28	10.8	14.9	12.1	12.5	19.8	10.3		9.7	8.2	9.0	9.0	100	66	86	84	5.0	2.9	--	--	--	--				
29	10.4	16.1	11.0	12.1	20.0	8.6		9.5	9.8	8.0	9.1	100	72	82	85	5.0	1.4	--	--	--	--				
30	12.0	13.0	12.9	12.7	18.0	11.0		10.5	10.4	9.0	10.0	100	93	82	92	5.0	--	--	--	--	--				
31	12.0	15.0	13.0	13.2	19.0	10.0		9.8	9.9	11.3	10.3	93	78	100	90	5.0	1.8	--	3.2	10.2	13.9				
MED.	(10.9	14.8	12.5	12.7	19.4	9.8		9.3	9.8	9.7	9.6	95	79	89	88	3.4	2.0	(0.6	0.3	0.7	1.7)				

Total 51.6 m.m.

ESTACION: LAS PALOMAS

RESUMEN MENSUAL Y ANUAL

AÑO: 1.963

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS						Min.	Humedad					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
							Max.	Min.	Max.		Min.	Med.	Relativa				Min.	Max.	Min	Med.							Días		
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Med.	Med.	Abs.	D.	Abs.	D.	Sus.	7	14	20	Med.	Abs.	Abs.	Abs.		Med.	Solar		7	14	20	Suma	lluv.	Max.	D.
Enero						10.8	16.3	13.4	13.4	19.5	8.3	22.4	26	8.2	8		97	77	89	88	53	13.4	7.4	10.0	2.7	1.8		15.8	8.7	123.6	148.1	13	51.4	28
Febro						10.8	15.1	13.4	13.2	18.3	9.1	22.3	V	7.0	2		98	82	91	90	68	12.8	7.7	10.1	4.2	1.1		90.4	58.1	71.7	220.2	20	28.8	19
Marzo						11.0	15.9	13.4	13.4	18.1	9.7	21.3	2	7.5	V		94	80	90	80	50	12.9	7.7	10.1	5.1	0.2		26.3	83.8	67.2	177.3	21	27.4	27
Abril						11.2	15.2	12.7	12.9	17.9	9.0	22.3	22	5.2	11		96	88	93	92	70	12.9	7.8	10.4	5.1	0.3		104.0	96.2	142.1	342.4	29	35.7	11
Mayo						11.0	15.9	13.4	13.5	18.4	9.6	21.0	22	7.4	23		96	83	92	90	60	12.5	7.7	10.4	4.5	0.5		110.1	86.9	73.5	270.4	25	80.1	8
Junio						10.5	14.0	11.5	11.9	15.4	9.5	18.0	V	7.0	12		93	74	92	86	53	10.3	7.0	9.0	0.0	0.5		47.1	58.0	22.0	127.1	20	49.1	11
Julio						10.5	13.8	10.9	11.5	15.0	8.8	18.3	3	7.5	20		94	76	95	88	60	10.2	7.9	9.0		0.8		67.2	11.5	41.5	120.2	23	30.6	28
Agsto						10.3	13.7	11.9	12.0	15.3	9.5	17.9	25	8.8	V		97	77	92	89	62	10.6	7.4	9.3		1.3		40.7	19.4	30.0	90.1	12	38.2	1
Spbre																												(3.5	3.8	14.2	21.5	5	8.8	4)
Ocbre						10.4	13.4	11.1	11.5	14.3	9.1	16.2	V	8.2	5		96	84	96	92	72	10.9	8.4	9.3)									
Nvbre						10.3	12.8	10.9	11.2	13.6	9.0	17.3	12	8.3	11		96	82	94	91	66	10.3	8.1	9.1)									
Dcbre						10.9	14.8	12.5	12.7	19.4	9.8	21.0	22	7.0	16		95	79	89	88	66	12.3	8.0	9.6	3.4	2.0		20.0	9.9	21.2	51.6	8	26.8	16
MED. ANUAL					(	10.7	14.6	12.3	12.5	16.8	9.2	19.8	—	7.3	—		95	80	92	89	61	11.7	7.7	9.6	3.6	0.9)		(52.5	43.6	60.7	156.9	176	37.8	-)

Precipitación total : 1569.9

Precipitación máxima : 80.1 - 8 - V

Días lluviosos : 176

ESTACION: LAS PALOMAS FRECUENCIA DE PRECIPITACION Y TEMPERATURAS AÑO: 1.983

MESES	PRECIPITACION																						TEMPERATURAS			
	7 horas más de					14 horas más de					20 horas más de					Total más de							Min. abajo de 8º C	Min. arriba de 10 ºC	Max. abajo de 15ºC	Max. arriba de 19 ºC
	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0				
Enero	8	5	—	—	—	6	4	—	—	—	7	6	4	2	1	13	11	11	6	4	2	1	11	2	—	19
Febro	14	14	3	1	—	13	10	2	—	—	17	13	2	—	—	20	19	18	12	8	5	—	5	4	1	9
Marzo	10	5	1	—	—	17	11	4	—	—	17	12	2	—	—	21	18	14	12	6	2	—	6	21	—	11
Abril	18	11	4	2	—	22	17	3	—	—	23	17	6	1	—	29	26	24	23	16	6	—	9	12	1	7
Mayo	16	12	3	2	—	15	12	3	—	—	15	10	2	1	—	25	18	17	13	9	4	1	9	16	—	12
Junio	8	5	2	1	—	17	8	2	1	—	12	6	—	—	—	20	12	8	5	4	2	—	(1	7	10	—)
Julio	13	10	3	—	—	11	2	—	—	—	16	9	1	—	—	23	14	12	8	4	1	—	(2	—	10	—)
Agsto	7	2	1	1	—	9	4	—	—	—	9	7	—	—	—	12	9	7	7	1	1	—	(—	2	6	—)
Spbre																										
Ocbre																							(—	3	10	—)
Nvbre																							(—	1	17	—)
Dcbre	3	1	1	—	—	3	3	—	—	—	7	3	1	—	—	8	5	4	2	2	1	—	(—	10	—	12)
SUMA ANUAL	97	65	18	7	—	114	71	14	1	—	123	83	18	4	1	171	132	115	88	54	24	2	(44	78	55	70)

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	3	3	2	1	3	1	1	—	—	—	—	1	2	6	5	4	4	5	4	2	1	2	2	4	13
Febro	8	9	8	6	5	5	6	3	3	2	3	4	9	9	11	9	6	6	7	7	6	6	8	8	23
Marzo	3	4	2	3	4	2	2	1	1	2	1	5	8	13	11	9	8	6	4	4	6	2	—	1	22
Abril	6	6	5	6	8	6	6	4	2	3	4	7	12	17	18	15	9	11	7	6	3	4	7	7	30
Mayo	6	6	6	7	7	3	4	2	1	3	4	9	9	10	7	5	5	7	6	7	6	7	6	6	26
Junio	2	3	3	3	4	5	4	3	2	1	4	4	7	11	8	5	3	3	2	2	2	2	4	4	21
Julio	4	2	3	7	8	9	8	3	2	—	1	2	4	6	5	7	7	7	4	2	2	3	3	5	23
Agsto	2	3	2	2	3	4	3	2	2	1	2	2	2	6	4	4	4	6	2	3	3	1	2	2	14
Spbre	(1	1	—	1	—	—	—	—	—	—	—	—	—	1	4	3	2	—	1	1	2	2	—	—	6)
Ocbre																									
Nvbre																									
Dcbre	3	1	1	1	—	1	1	2	—	—	—	1	4	3	3	1	1	3	2	3	2	2	1	1	10
SUMA ANUAL	(36	38	32	41	42	36	35	20	13	12	19	35	57	82	76	62	49	54	39	37	33	31	33	38	138)

ESTACION **LAS PALOMAS** FRECUENCIA DE NUBOSIDAD - BRILLO SOLAR Y VIENTOS AÑO 1.963

MESES	NUBOSIDAD en décimos		BRILLO SOLAR		NUMERO DE DIAS CON: VIENTOS																											
					7 horas									14 horas									20 horas									
	Bajo 3.0	Más 8.0	Bajo 0.9	Mas 9.0	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C
Enero	14	—	12	—																											
Febro	10	5	19	—																											
Marzo	8	9	29	—																											
Abril	3	7	27	—																											
Mayo	6	5	26	—																											
Junio	(26	—)	26	—																											
Julio			19	—																											
Agsto			19	—																											
Spbre																															
Ocbre																															
Nvbre																															
Dcbre	(5	1	3	—)																											
SUMA ANUAL	(72	26	180	—)																											

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	—	—	1	—	—	2	1	1	1	—	—	30	31	22	12	14	18	15	12	9	13	21	31
Febro	—	—	—	—	1	—	2	1	1	—	—	—	28	28	27	23	20	17	13	15	17	19	23	28
Marzo	—	—	—	—	—	—	—	—	—	—	—	—	31	31	29	24	25	25	19	24	29	31	31	31
Abril	—	—	—	—	1	—	—	—	—	—	—	—	30	30	30	23	21	25	26	27	30	29	30	30
Mayo	—	—	—	—	—	—	—	—	—	—	—	—	31	31	30	28	28	28	27	28	30	30	31	31
Junio	—	—	—	—	1	1	—	1	—	—	—	—	30	30	29	20	25	24	23	22	26	30	30	30
Julio	—	—	—	—	—	—	—	—	—	1	1	—	31	31	29	23	24	25	18	17	23	24	24	27
Agsto	—	—	—	—	—	—	—	1	3	4	—	—	31	31	31	31	31	28	25	16	13	7	18	29
Spbre																								
Ocbre																								
Nvbre																								
Dcbre	(—	—	—	—	—	—	—	—	1	1	—	—	15	15	15	10	7	6	6	4	5	4	8	16)
SUMA ANUAL	(—	—	—	1	3	1	4	4	6	7	1	—	258	258	242	194	195	196	172	165	182	187	216	253)

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: LAS PALOMAS DE LA PRECIPITACION AÑO: 1963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h:min	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	148.1	13	16	14	30	118.0	30.1	21:15'	13:15'	34:30'	51.3	6:40'	0.12	8.0	1.6	6:40'	51.3	0.12	8.0	1.6
Febro	220.2	20	39	28	67	158.6	61.6	56:30'	39:15'	95:45'	23.9	9:55'	0.04	1.5	0.3	10:10'	10.0	0.01	0.4	0.1
Marzo	177.3	21	37	14	51	146.5	30.8	42:55'	16:35'	59:30'	27.4	1:20'	0.34	9.5	1.9	3:20'	13.2	0.06	0.7	0.1
Abril	342.4	29	55	33	88	223.8	118.6	59:00'	54:35'	113.35'	35.4	3:55'	0.15	5.0	1.0	12.30'	33.6	0.04	6.0	1.2
Mayo	270.4	25	37	27	64	201.7	68.7	58:15'	37:05'	95:20'	56.9	10:30'	0.09	4.0	0.8	10:30'	56.9	0.09	4.0	0.8
Junio	127.1	20	30	18	48	54.5	72.6	26:55'	30:40'	55:35'	25.0	8:20'	0.05	1.0	0.2	8:20'	25.0	0.05	1.0	0.2
Julio	120.2	23	33	25	58	52.2	68.0	24:05'	39:20'	63:25'	16.9	1:05'	0.26	3.5	0.7	5:30'	11.3	0.03	0.5	0.1
Agsto	90.1	12	29	12	41	80.6	9.5	31:55'	9:00'	40:55'	34.5	12:05'	0.04	1.8	0.3	12:05'	34.5	0.04	1.6	0.3
Spbre	(21.5)	(5)																		
Octbre																				
Nvbre																				
Dcbre	51.8	8	16	7	23	32.5	19.1	13:15'	6:20'	19:35'	17.9	4:15'	0.07	3.0	0.6	4:15'	17.9	0.07	3.0	0.6
TOTALES	(1588.9	176	292	176	468	1068.4	479.0	332:05'	246:05'	578:10'	289.2	58:05'	XX	XX	XX	73:20'	253.7	XX	XX	XX)

ESTACION Naranjal MES Enero AÑO 1963 φ = 40 57' N λ = 79° 41' W.GR - ALTURA 1.400 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.8	25.0	19.4	20.4	28.2	15.4	14.3	14.4	11.9	15.0	13.8	94	52	89	78	6.0	8.0	--	--	--	1.9	2.0	00 0	02 1	06 1
2	18.4	24.8	19.0	20.3	26.8	14.8	14.0	13.2	12.0	14.8	13.3	83	51	90	75	7.3	4.0	1.9	--	--	--	1.5	08 1	02 1	06 1
3	18.7	27.9	22.2	23.7	29.0	14.5	13.0	13.2	12.5	12.6	12.8	82	44	64	63	5.7	10.4	--	--	--	2.2	2.5	00 0	14 1	10 1
4	19.2	26.8	20.3	21.6	28.0	17.3	16.2	15.0	13.2	14.6	14.3	90	50	82	74	4.7	8.0	2.2	--	--	15.8	1.8	00 0	02 1	06 1
5	19.9	24.3	18.1	20.1	25.5	16.8	15.6	13.8	15.6	14.9	14.8	97	86	96	87	7.0	2.0	15.6	--	--	--	1.4	04 1	00 0	06 2
6	16.7	26.9	19.2	20.5	27.0	14.5	13.4	12.5	13.8	13.8	13.3	88	48	82	73	8.7	6.0	--	--	--	--	1.7	08 1	14 1	06 2
7	18.9	27.2	19.8	20.8	27.4	14.3	13.0	12.9	12.0	15.8	13.6	90	43	93	75	7.7	7.8	--	--	2.8	2.7	1.8	04 1	16 1	00 0
8	17.7	26.9	19.6	20.9	27.5	15.1	14.0	14.0	10.5	14.8	13.1	93	40	87	73	8.0	5.4	0.1	--	--	3.9	1.4	08 1	02 1	00 0
9	17.6	26.4	20.5	21.2	28.5	17.0	15.1	15.2	12.7	14.4	14.1	100	49	80	76	9.0	5.4	3.9	--	--	0.5	1.8	00 0	14 1	00 0
10	17.7	25.8	20.4	21.1	28.8	16.4	16.0	14.8	14.0	15.0	14.8	98	56	84	79	7.3	6.7	0.5	--	--	22.0	1.6	06 1	14 1	00 0
11	17.4	23.8	18.8	19.7	24.7	16.0	15.0	14.2	13.7	14.7	14.2	98	82	91	83	9.0	3.6	22.0	--	--	0.6	1.2	14 1	00 0	00 0
12	16.9	26.3	20.0	20.8	28.8	15.0	14.0	13.6	10.8	13.4	12.6	95	50	76	74	7.7	8.1	0.6	--	--	--	1.4	00 0	02 1	00 0
13	17.2	25.8	19.7	20.8	27.0	15.2	14.4	12.7	12.3	13.7	12.9	87	50	80	72	7.0	7.7	--	--	--	--	1.4	00 0	00 0	00 0
14	17.8	26.2	19.8	19.4	27.0	14.5	13.5	13.8	11.4	15.8	13.5	91	44	90	75	3.3	10.7	--	--	--	0.4	2.4	00 0	18 1	08 1
15	16.1	26.7	19.6	20.5	28.0	14.9	13.5	13.5	10.5	14.8	12.9	98	40	87	75	2.7	10.4	0.4	--	--	5.9	2.8	06 1	02 1	06 1
16	17.7	25.3	19.3	20.4	27.3	16.0	14.8	14.4	12.5	15.1	14.0	94	52	91	79	5.3	8.2	5.9	--	--	0.9	1.8	00 0	02 1	06 1
17	18.2	26.2	17.9	20.0	28.8	15.8	15.0	14.5	10.4	14.4	13.1	93	41	94	76	6.0	8.5	0.9	--	--	--	2.0	00 0	12 1	06 1
18	16.9	25.4	18.1	19.9	26.8	15.2	14.2	12.0	13.0	14.1	13.0	84	50	92	75	5.3	9.1	--	--	--	--	2.0	06 1	14 1	06 1
19	18.0	26.5	17.8	19.4	28.7	14.7	13.4	13.4	12.0	13.5	13.0	87	52	90	76	4.7	7.7	--	0.4	--	0.8	1.9	00 0	14 1	06 1
20	16.1	25.4	19.3	20.0	27.0	14.8	13.4	13.1	12.3	14.4	13.3	95	50	87	77	5.0	8.8	0.2	--	--	--	2.2	04 1	02 1	06 1
21	15.8	25.5	19.6	20.1	28.2	14.5	13.0	12.8	11.3	13.7	12.6	98	48	80	75	4.7	7.4	--	--	--	--	1.8	06 1	02 1	04 1
22	14.7	26.9	19.4	20.1	27.3	13.3	12.5	11.3	10.7	12.4	11.5	90	40	73	68	4.7	9.4	--	--	--	--	2.4	06 1	02 1	02 1
23	17.3	27.0	19.4	20.8	27.8	14.8	13.0	13.5	10.8	15.3	13.2	92	41	91	75	5.0	8.1	--	--	--	--	2.3	06 1	14 1	02 1
24	17.8	27.4	20.2	21.4	28.0	15.8	14.3	14.2	12.1	16.8	14.3	94	43	94	77	6.0	7.9	--	--	1.3	3.2	2.2	06 1	14 1	06 2
25	16.7	28.0	18.4	19.9	27.3	15.3	14.4	12.5	10.9	11.3	11.8	88	42	71	67	7.8	9.4	1.9	--	**	27.7	1.4	04 1	14 2	00 0
26	15.8	25.4	19.0	19.8	27.5	13.2	12.5	12.9	12.3	16.3	13.8	96	50	99	82	5.3	9.8	27.7	--	**	**	1.2	00 0	04 1	00 0
27	17.9	25.0	16.2	18.8	25.7	16.6	15.0	14.4	14.2	13.1	13.9	94	60	95	83	9.3	3.5	--	1.5	25.5	28.0	1.2	00 0	04 1	00 0
28	15.1	26.7	20.0	19.9	28.0	13.1	11.9	11.9	11.2	14.4	12.5	92	48	82	74	5.3	9.2	1.0	--	--	13.3	1.8	08 1	14 1	10 1
29	17.3	26.6	19.4	20.7	27.0	16.3	15.4	13.8	13.0	15.3	14.0	94	50	91	78	7.0	5.0	13.3	--	--	--	1.6	06 1	10 1	06 1
30	17.8	27.3	20.0	21.3	28.5	15.1	14.2	14.7	12.8	16.9	14.8	96	47	96	80	5.3	8.4	--	--	--	0.8	2.0	06 1	00 0	06 1
31	18.4	26.4	19.5	20.9	27.0	16.9	16.0	15.1	10.5	12.6	12.7	95	43	74	71	9.7	5.6	0.8	--	16.1	16.8	1.8	00 0	14 1	02 2
MED.	17.3	26.0	19.3	20.5	27.0	15.2	14.1	13.8	12.2	14.4	13.4	92	49	85	78	6.4	7.4	3.2	--	1.5	4.7	1.8	--	--	--

Total . 146.8 m.m.

Edit. Consuelo 2

ESTACION Naranjal MES Febrero AÑO 19 63 φ = 40 57' N λ = 76 41' W.GR - ALTURA 1.400 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.8	25.2	19.9	20.4	25.8	14.2	13.5	13.5	13.3	14.2	13.7	94	55	83	77	8.0	4.9	0.5	—	2.6	9.9	1.1	05 1	04 1	06 1
2	17.0	23.9	18.3	19.4	26.0	15.7	15.0	14.1	18.3	13.9	13.8	97	80	89	82	7.0	4.7	7.3	0.5	—	5.2	1.4	00 0	00 0	06 1
3	16.4	24.7	18.1	19.3	25.3	15.0	14.0	13.3	13.8	14.1	13.7	95	58	92	82	7.0	5.9	4.7	—	—	4.8	1.7	06 1	02 2	06 1
4	17.1	21.9	17.0	18.2	22.5	16.3	15.4	14.2	16.8	13.6	14.9	97	85	94	92	7.7	1.1	4.8	2.2	—	2.4	0.8	00 0	06 1	00 0
5	17.4	24.3	18.0	19.4	24.5	15.7	14.9	14.2	12.3	13.1	13.2	96	54	65	78	9.0	1.6	0.2	—	—	15.0	1.0	00 0	16 1	02 1
6	18.2	25.5	19.6	20.7	26.5	16.5	16.2	15.8	13.1	14.8	14.5	100	53	67	80	8.0	6.3	15.0	—	—	—	1.4	00 0	00 0	00 0
7	17.4	27.0	20.6	21.4	28.0	16.4	15.5	13.2	12.2	15.5	13.6	92	45	85	74	8.7	8.5	—	—	—	3.1	3.0	00 0	00 0	00 0
8	18.0	26.2	19.8	20.4	26.4	16.3	15.0	16.9	15.9	15.1	15.3	96	70	88	85	9.7	3.3	3.1	0.6	—	0.6	0.9	10 1	06 1	00 0
9	19.2	26.8	18.4	20.7	28.0	16.0	15.0	14.5	14.6	13.8	14.3	88	55	87	77	7.7	7.3	—	—	2.7	7.5	1.2	00 0	02 1	00 0
10	17.1	23.6	18.6	18.5	24.0	16.5	15.0	14.2	15.4	14.1	14.6	97	80	88	85	9.0	2.3	4.8	—	—	—	1.2	00 0	00 0	00 0
11	18.0	26.9	18.6	20.5	27.0	15.8	14.8	13.8	13.7	15.8	14.4	90	52	98	80	9.3	5.0	—	0.9	12.3	20.3	1.3	00 0	00 0	02 1
12	16.4	23.3	17.7	18.8	24.4	15.0	13.8	13.2	14.2	15.1	14.2	94	66	99	86	9.3	2.8	7.1	—	2.2	2.2	0.9	00 0	04 1	06 1
13	14.9	26.5	18.4	20.0	28.0	13.8	12.2	11.8	10.5	12.2	11.4	92	38	72	67	5.0	9.0	—	—	—	—	2.0	06 1	14 1	06 1
14	14.9	26.4	18.1	19.4	26.5	12.8	11.0	11.4	9.8	12.4	11.2	91	37	80	69	3.0	10.8	—	—	—	—	3.0	06 1	14 1	06 1
15	14.8	27.0	20.0	20.4	29.3	13.5	12.4	11.2	10.7	14.1	12.0	89	40	80	70	4.0	10.5	—	—	—	—	3.0	06 1	14 1	06 1
16	17.7	25.9	19.1	20.4	27.3	16.8	15.1	13.5	13.8	15.3	14.1	89	53	92	78	3.7	8.6	—	—	—	—	2.2	02 1	02 1	06 1
17	18.1	27.5	19.5	21.2	28.5	15.7	14.4	13.9	14.9	14.5	14.4	89	54	86	76	4.3	7.6	—	—	0.1	0.9	2.0	06 1	14 1	06 1
18	18.9	28.2	18.4	20.5	28.8	17.0	15.5	15.8	13.3	12.8	14.0	97	51	80	76	5.3	3.9	0.8	—	—	10.7	1.2	00 0	06 1	00 0
19	18.4	18.0	17.2	17.4	21.8	15.8	14.5	13.9	16.0	14.4	14.8	100	97	88	98	10.0	0.2	10.7	1.8	3.9	25.1	0.8	00 0	00 0	00 0
20	16.8	24.2	18.8	19.8	24.5	15.0	14.8	13.5	13.0	15.7	14.1	94	57	98	82	9.3	2.7	19.4	—	—	2.8	1.0	00 0	14 1	00 0
21	16.9	28.3	17.8	19.7	28.0	15.3	14.2	14.2	12.5	14.8	13.8	100	49	95	81	7.7	7.8	2.8	—	0.3	1.3	1.6	00 0	02 1	02 1
22	17.6	22.7	17.6	18.9	22.9	16.5	15.8	14.6	14.7	14.0	14.4	97	70	93	87	10.0	1.3	1.0	1.1	2.7	3.8	1.0	00 0	00 0	00 0
23	17.6	21.6	17.8	18.8	22.5	15.5	14.0	14.7	14.5	15.0	14.7	98	75	98	90	9.7	0.9	—	—	2.1	2.1	0.8	00 0	00 0	00 0
24	17.7	25.0	20.0	20.7	25.8	15.4	14.4	14.2	12.5	15.3	14.0	93	52	90	78	5.7	4.6	—	—	—	13.1	1.4	00 0	00 0	00 0
25	16.2	28.3	18.8	20.5	28.5	14.0	13.6	13.5	11.8	15.6	13.6	98	48	92	78	7.3	9.7	13.1	—	—	—	2.0	06 1	00 0	00 0
26	18.6	28.2	20.2	21.3	27.2	16.8	15.2	14.4	13.5	16.3	14.7	90	53	92	78	8.0	9.7	—	—	—	23.6	2.2	06 1	00 0	00 0
27	17.4	26.8	19.7	20.4	28.7	15.7	14.8	14.2	11.8	15.9	13.9	96	49	92	79	7.7	5.4	23.6	0.1	—	0.1	1.0	04 1	00 0	06 1
28	16.9	27.8	20.0	21.2	28.8	14.9	13.5	13.6	11.1	13.5	12.7	95	38	77	73	4.0	9.8	—	—	—	0.5	2.4	06 1	14 1	06 1
29																									
30																									
31																									
MED.	17.2	25.0	18.8	20.0	26.1	15.5	14.4	13.8	13.3	14.4	13.8	94	56	89	80	7.2	5.8	4.2	0.3	1.0	5.5	1.6	— -	— -	— -

Total 154.8 m.m.

Edit. Canicatú 25

ESTACION Marangal MES Marzo AÑO 19 63 φ = 4° 57' N λ = 120° 41' W.GR - ALTURA 1.400 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.0	27.9	20.0	21.5	28.8	16.9	16.0	14.0	14.1	15.0	14.4	91	50	86	76	6.3	9.2	0.5	—	—	—	2.2	06 1	14 1	06 1
2	18.7	27.0	20.2	21.5	27.6	17.2	15.8	14.7	12.2	14.6	13.8	91	45	82	73	6.0	8.5	—	—	—	—	2.3	00 0	02 1	06 1
3	17.3	27.7	20.5	21.5	28.0	15.1	14.0	12.9	11.4	14.0	12.8	88	41	77	79	5.3	8.2	—	—	—	—	2.4	06 1	00 0	06 1
4	17.7	26.0	20.0	20.9	26.5	16.4	15.6	13.5	13.9	15.8	14.4	80	55	90	78	7.3	3.2	—	—	—	—	1.8	06 1	00 0	00 0
5	17.0	26.9	20.0	21.0	27.5	14.5	13.2	12.6	12.3	14.7	13.2	88	46	84	73	7.0	6.7	—	—	—	—	2.0	06 1	00 0	00 0
6	18.2	26.2	21.2	21.7	27.0	15.0	13.4	13.6	14.8	15.0	14.5	80	58	79	74	8.3	6.8	—	—	—	1.2	1.8	06 1	12 1	00 0
7	17.6	26.5	19.6	20.8	26.9	14.5	13.8	15.1	14.3	15.4	14.9	100	86	99	82	6.0	9.0	1.2	1.2	—	1.2	2.2	02 1	00 0	00 0
8	18.1	27.1	18.4	20.5	28.5	15.9	14.0	14.6	13.8	14.0	14.1	94	51	91	79	7.7	3.9	—	—	0.8	30.8	2.1	06 1	00 0	00 0
9	17.6	28.4	18.8	20.4	26.8	14.5	13.0	14.2	15.0	14.0	14.4	94	58	88	79	8.7	2.8	30.2	0.2	—	3.6	1.2	00 0	00 0	00 0
10	17.2	25.0	18.6	19.8	29.2	16.5	14.3	14.2	14.6	15.8	14.9	97	62	98	86	9.3	3.2	3.4	1.4	3.9	8.0	1.0	02 2	02 3	02 1
11	16.7	23.6	19.3	19.7	25.4	15.5	14.3	13.6	16.4	14.9	15.0	85	75	90	87	9.3	4.0	2.7	—	0.1	20.7	1.0	02 1	06 1	06 1
12	16.4	22.6	18.3	18.9	24.8	15.4	13.9	13.7	15.1	14.0	14.3	98	73	90	86	8.7	4.5	20.6	—	—	3.1	1.2	06 1	06 1	06 1
13	16.9	25.4	19.4	20.3	25.5	16.4	15.7	14.1	15.2	16.3	15.2	97	83	96	85	9.3	2.2	3.1	—	—	1.6	1.2	02 1	02 1	02 1
14	17.8	27.7	19.6	21.2	28.3	16.3	15.4	15.1	13.9	15.8	14.9	99	49	93	80	7.0	3.7	1.6	0.1	0.2	0.3	1.4	06 1	08 1	04 2
15	18.0	27.4	21.0	21.8	28.2	15.7	14.4	14.0	13.4	15.1	14.2	91	49	81	74	6.7	8.7	—	—	—	1.8	2.3	06 1	02 1	06 1
16	18.2	25.5	17.5	19.7	26.3	17.6	17.0	15.8	13.7	14.3	14.6	100	56	95	84	9.3	3.4	1.8	—	42.9	43.3	1.4	00 0	02 1	06 1
17	16.9	26.3	21.4	21.5	26.5	15.5	14.5	14.1	14.5	16.2	14.9	98	57	85	80	9.0	5.5	0.4	—	—	11.0	1.4	06 1	02 1	06 1
18	16.7	26.1	19.8	20.6	27.5	14.5	13.3	13.5	13.8	15.1	14.1	94	54	88	79	6.7	5.5	11.0	—	—	0.5	1.4	06 1	14 1	00 0
19	18.2	25.6	20.4	21.2	26.5	15.0	13.2	14.3	15.9	15.6	15.3	92	66	87	81	8.0	5.3	0.5	—	—	—	1.4	00 0	00 0	02 1
20	18.7	28.5	21.0	22.3	29.9	16.7	14.9	14.7	11.8	15.7	14.1	91	38	85	71	5.0	9.3	—	—	—	1.4	2.4	06 1	14 2	08 1
21	19.0	27.9	21.2	22.3	28.9	18.0	16.0	16.2	13.7	15.3	15.1	90	49	81	76	7.3	8.2	1.4	0.1	—	4.7	2.0	00 0	14 1	02 2
22	17.7	28.0	19.6	21.2	28.8	16.7	15.8	13.8	15.5	15.7	15.0	92	48	92	77	10.0	5.3	4.8	—	—	—	1.8	06 1	02 2	02 2
23	17.6	28.0	20.2	21.5	28.5	16.6	15.0	14.2	12.8	16.6	14.5	94	47	94	78	5.7	6.8	—	—	—	1.0	2.1	00 0	02 4	08 1
24	17.4	22.6	19.8	19.9	23.9	16.5	15.4	14.2	16.8	16.7	15.9	96	81	96	91	8.7	0.9	1.0	—	—	—	0.6	00 0	12 2	00 0
25	17.8	26.5	20.7	21.4	26.8	16.2	14.6	14.6	13.1	16.9	14.9	95	49	93	79	8.0	3.0	—	0.5	0.3	20.3	1.2	08 1	14 1	02 2
26	16.5	25.3	19.5	20.2	27.3	16.0	15.6	13.9	14.4	16.7	15.0	99	60	98	88	8.7	2.8	19.5	22.1	0.9	23.0	1.0	08 1	02 2	06 1
27	18.0	27.6	20.1	21.4	28.4	15.3	13.8	13.8	11.1	14.4	13.1	90	40	82	71	3.1	8.4	—	—	—	7.2	2.0	06 1	02 2	06 1
28	17.8	26.1	19.0	20.5	26.9	17.0	16.0	15.0	15.6	15.2	15.3	98	62	93	84	9.0	2.8	7.2	—	0.1	30.0	1.6	06 1	06 1	06 1
29	16.9	26.7	20.6	21.2	27.0	15.3	14.3	14.4	11.6	16.2	14.1	100	44	90	79	7.0	8.3	20.9	—	—	22.8	1.8	04 1	14 1	08 1
30	18.1	22.3	18.5	19.4	26.6	15.8	14.6	15.0	15.9	15.4	15.4	97	80	96	91	7.3	3.7	22.8	—	3.4	7.3	2.2	04 1	02 1	06 1
31	17.4	23.8	18.4	19.5	24.5	17.0	16.5	15.0	15.6	16.0	15.5	100	70	100	90	10.0	1.3	3.9	0.5	0.5	1.5	0.4	00 0	02 1	00 0
MED.	17.6	26.1	19.8	20.8	27.2	16.0	14.7	14.3	14.2	15.4	14.6	94	56	89	80	7.6	5.3	5.4	0.8	1.7	7.9	1.6	— —	— —	— —

Total 246.3 m.m.

ESTACION Naranjal MES Abril AÑO 1963 φ = 40 57' N λ = 79 04' W.GR - ALTURA 1.400 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.4	26.3	18.5	20.4	27.0	16.8	16.0	15.6	14.5	15.5	15.2	98	57	97	84	8.0	4.4	0.5	—	0.7	0.7	1.4	00 0	14 1	00 0
2	17.9	23.5	18.4	19.6	26.0	15.6	14.7	15.4	15.3	15.3	15.3	100	70	96	89	9.3	2.1	—	—	0.7	0.7	1.0	06 1	06 1	00 0
3	17.4	18.5	18.4	18.2	25.8	15.1	13.6	14.6	15.3	16.0	15.3	98	98	100	98	7.7	4.5	—	—	14.9	32.6	1.2	14 1	02 2	00 0
4	16.9	21.1	17.0	18.0	22.6	15.8	14.7	14.1	14.9	14.2	14.4	98	80	98	92	9.3	6.3	17.7	—	—	—	0.8	14 1	02 1	00 0
5	15.9	24.9	18.2	19.3	26.0	13.7	12.0	12.4	13.6	14.0	13.3	90	58	90	79	5.7	6.8	—	—	—	18.5	1.6	06 1	10 1	00 0
6	16.4	24.8	16.6	18.6	25.6	15.5	15.0	13.4	13.8	13.3	13.5	96	60	94	83	9.3	5.4	18.5	—	11.9	15.6	1.4	02 1	00 0	00 0
7	17.4	18.5	16.0	17.0	23.2	16.0	15.0	15.0	13.5	13.7	14.1	100	85	100	95	8.0	1.9	3.7	0.7	21.9	22.6	1.0	00 0	02 1	00 0
8	17.1	26.3	19.7	20.7	27.2	14.5	13.1	13.1	12.4	13.7	13.1	90	48	79	72	6.0	8.1	—	—	—	—	1.8	02 1	10 1	06 1
9	17.7	26.5	18.4	20.2	28.7	16.8	15.1	14.2	10.2	15.6	13.3	94	41	98	78	7.7	5.4	—	—	24.3	33.6	1.6	02 1	02 1	08 1
10	17.8	22.7	19.4	19.8	25.8	16.2	15.2	15.4	14.5	14.7	14.9	100	70	88	86	9.3	4.3	9.3	—	—	4.7	1.0	02 1	06 1	02 1
11	16.8	24.4	19.5	20.0	26.5	15.9	14.5	14.4	11.5	17.0	14.3	100	50	100	83	8.3	6.6	4.7	—	3.9	55.1	1.8	16 1	00 0	10 2
12	17.1	25.2	19.5	20.3	26.5	16.0	15.2	14.6	10.7	15.7	13.7	100	45	93	74	7.3	4.9	51.2	0.2	—	1.5	1.4	12 1	02 1	10 3
13	18.2	25.2	19.5	20.6	26.3	17.0	16.3	15.8	14.4	15.3	15.2	100	62	93	85	8.3	3.0	1.3	—	0.1	0.1	1.0	14 1	16 1	04 1
14	15.9	23.2	18.0	18.8	25.4	15.0	14.4	12.0	15.0	15.2	14.1	88	70	98	85	6.7	2.7	—	—	—	0.4	1.2	02 1	14 2	00 0
15	19.0	21.5	18.3	19.3	26.0	16.0	14.2	15.1	17.2	14.0	15.4	92	90	90	91	10.0	4.7	0.4	1.4	2.2	3.6	1.4	16 1	10 2	02 3
16	17.4	25.8	20.6	21.1	26.3	15.1	13.6	14.0	14.9	17.7	15.5	94	60	97	84	9.0	5.3	—	—	—	—	1.4	06 1	14 1	00 0
17	18.5	26.7	20.0	21.3	27.7	16.8	14.9	14.3	14.1	17.5	15.3	90	54	100	81	8.0	5.1	—	—	3.5	23.9	1.5	06 1	00 0	02 1
18	18.8	24.0	19.6	20.5	24.2	17.0	16.0	16.3	15.7	17.1	16.4	100	70	100	90	9.7	0.2	20.4	—	—	—	0.8	00 0	00 0	00 0
19	18.7	28.8	18.6	21.2	29.0	15.5	13.8	12.9	13.8	16.1	14.3	80	46	100	75	8.0	8.0	—	—	9.2	22.9	1.8	06 1	14 1	00 0
20	18.0	26.2	18.6	20.4	26.6	17.0	16.3	15.6	14.3	16.1	15.3	100	56	100	85	7.7	5.9	13.7	—	3.8	4.0	1.4	00 0	02 2	00 0
21	17.4	21.7	17.2	18.4	23.3	16.0	14.2	15.0	16.0	13.9	15.0	100	83	94	92	8.7	0.7	0.2	—	1.7	1.7	0.8	00 0	02 2	06 1
22	17.9	28.0	20.6	21.8	28.6	14.4	13.0	13.2	11.3	14.5	13.0	87	40	80	69	6.0	7.5	—	—	—	—	1.6	04 1	14 2	06 1
23	17.9	23.5	20.1	20.4	26.8	15.2	13.3	13.4	16.8	14.7	15.0	88	77	94	83	7.3	5.4	—	—	—	—	1.7	06 1	06 1	06 1
24	18.7	25.4	20.7	21.4	26.4	15.1	13.5	14.5	12.3	15.8	14.2	91	50	87	76	8.3	1.4	—	—	—	30.5	1.5	14 1	16 1	06 1
25	17.4	22.8	17.8	18.9	23.0	16.8	16.0	15.0	16.0	15.0	15.3	100	77	98	92	6.7	2.0	30.5	0.2	—	0.2	0.9	00 0	00 0	06 1
26	17.5	26.3	20.1	21.0	27.3	13.5	12.0	12.4	12.8	15.8	13.7	82	80	90	74	5.7	8.2	—	—	0.1	0.1	1.7	06 1	16 1	06 1
27	19.7	24.9	20.3	21.3	25.2	17.8	16.8	15.8	16.6	16.6	16.3	92	70	94	85	9.7	—	—	—	—	24.1	1.0	02 1	02 1	04 1
28	18.1	22.1	18.8	19.4	24.5	16.7	16.3	15.6	15.8	16.3	15.9	100	80	100	93	8.7	2.6	24.1	1.1	0.1	10.0	0.6	16 3	06 1	00 0
29	17.7	20.7	19.0	19.1	23.5	16.8	16.5	14.9	15.0	15.9	15.3	99	82	96	92	10.0	—	8.8	0.3	0.1	4.5	0.8	00 0	02 1	00 0
30	17.7	22.5	18.8	19.4	26.4	16.7	16.2	14.9	15.5	16.3	15.6	99	76	100	92	9.0	5.2	4.1	—	0.7	1.2	1.0	14 1	06 2	02 1
31																									
MED.	17.7	24.1	18.9	19.9	25.9	15.9	14.7	14.4	14.2	15.4	14.7	95	65	94	85	8.0	4.3	7.0	0.1	3.3	10.4	1.3	— —	— —	— —

Total 312.8 m.m.

ESTACION Naranjal MES Mayo AÑO 1963 φ = 49 57' N λ = 74° 41' W.GR - ALTURA 1.400 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.0	26.9	20.4	21.4	27.0	17.0	15.0	14.1	13.7	17.0	14.9	92	52	95	80	6.7	8.4	0.5	—	—	37.3	1.8	00 0	02 2	00 0
2	16.8	22.2	17.0	18.2	23.3	15.7	15.0	13.8	14.4	14.8	14.3	96	69	100	88	8.3	1.0	37.3	—	0.1	0.1	1.0	02 1	14 1	00 0
3	17.1	26.8	19.0	20.5	27.8	14.5	13.2	13.1	15.2	13.6	14.0	90	57	83	77	5.7	9.5	—	—	0.1	0.1	2.0	02 1	14 1	00 0
4	17.4	26.0	18.8	20.2	27.4	16.2	15.0	13.7	14.3	14.7	14.2	92	57	91	80	5.0	6.0	—	—	—	1.8	2.0	00.0	06 1	00 0
5	17.8	22.4	19.3	19.7	26.0	16.5	15.3	14.8	13.0	14.1	14.0	97	86	85	83	7.7	3.0	1.3	0.9	—	11.0	1.3	04 2	02 2	00 0
6	17.2	24.3	18.6	19.7	25.1	16.1	15.2	14.2	15.9	14.4	14.8	97	70	90	86	9.7	1.9	10.1	—	—	—	1.2	00 0	08 1	06 1
7	18.3	22.7	19.2	19.8	24.9	15.7	14.3	14.9	17.4	16.7	16.5	95	85	100	93	9.7	5.8	—	3.6	1.3	12.8	1.0	02 1	14 2	06 1
8	17.3	24.5	19.3	20.1	25.6	16.1	15.7	14.1	13.8	15.0	14.3	96	60	99	90	9.3	1.1	7.9	0.1	—	3.6	1.2	02 1	06 1	00 0
9	17.5	24.9	19.7	20.4	26.0	15.7	15.0	15.1	14.0	16.5	15.2	100	61	96	86	9.0	5.2	3.5	—	—	21.6	1.6	06 1	02 1	02 2
10	18.9	25.6	18.8	20.7	26.5	17.0	16.5	16.0	14.7	16.3	15.7	100	60	100	87	10.0	3.9	21.6	2.1	0.1	36.4	1.4	00 0	08 2	00 0
11	18.1	24.5	19.9	20.8	25.6	16.7	15.7	15.3	13.8	15.1	14.7	97	60	88	82	8.3	5.6	34.2	—	—	—	1.3	00 0	14 3	06 1
12	20.8	27.6	20.0	22.1	28.4	16.0	15.0	15.2	13.9	15.3	14.8	82	50	88	73	9.0	6.5	—	0.1	1.7	2.0	1.2	00 0	00 0	06 1
13	17.7	24.8	19.5	20.4	25.0	16.5	15.2	14.9	15.2	14.8	15.0	99	65	88	84	9.7	—	0.2	—	—	0.2	1.1	04 1	14 1	00 0
14	19.1	23.2	20.0	20.8	24.9	17.5	16.4	15.5	17.1	16.9	16.5	94	80	98	90	9.7	—	0.2	1.4	0.1	15.0	0.8	02 1	16 2	00 0
15	17.8	26.2	20.8	21.4	26.5	17.0	16.5	15.4	15.5	15.5	16.5	100	60	85	82	9.3	8.3	13.5	—	—	—	1.2	00 0	14 2	00 0
16	16.7	24.0	20.4	20.4	25.8	16.5	15.4	14.3	16.5	16.0	15.6	100	73	90	88	8.7	2.8	—	—	—	36.5	2.4	00 0	02 1	06 3
17	18.0	27.4	20.0	21.8	27.8	17.2	16.0	14.6	13.5	15.3	14.5	94	50	88	77	7.7	4.8	36.5	0.3	—	32.1	1.6	00 0	02 1	02 1
18	17.2	27.2	20.2	21.2	27.6	16.5	16.2	14.4	14.1	14.8	14.4	100	70	82	84	7.7	7.2	31.8	—	—	—	3.2	02 1	06 2	02 1
19	17.4	26.4	19.2	20.8	27.0	16.0	14.5	13.7	13.9	15.0	14.2	92	54	90	79	8.0	2.0	—	—	0.1	12.8	2.0	02 1	00 0	00 0
20	19.2	26.8	20.3	21.6	27.2	16.7	15.5	15.1	13.5	16.8	15.1	92	51	95	79	9.3	5.5	12.7	—	1.2	5.8	1.4	06 1	16 2	02 1
21	17.8	26.9	20.7	21.5	27.4	17.4	16.5	15.4	15.0	15.8	15.4	100	59	87	81	9.0	4.2	4.6	—	0.2	10.0	1.3	00 0	02 4	06 1
22	18.5	28.9	21.1	22.4	29.2	15.1	14.0	16.0	12.0	15.4	14.5	100	38	83	74	5.3	7.1	9.8	—	—	27.9	1.8	14 1	14 2	06 1
23	18.9	28.0	21.5	22.5	28.8	17.8	16.8	16.3	15.8	15.7	15.9	100	58	82	80	9.3	6.8	27.9	—	—	19.2	2.0	06 1	06 1	02 1
24	18.7	25.1	21.5	21.7	28.8	17.3	16.3	15.9	17.1	17.5	16.8	99	74	90	88	9.0	0.7	19.2	—	—	—	1.8	06 1	02 1	06 1
25	18.0	24.4	20.2	20.7	24.7	17.6	16.5	14.1	16.2	17.8	16.0	92	71	100	88	9.3	1.0	—	3.4	0.1	18.3	0.8	04 1	02 1	06 1
26	18.2	23.4	20.3	20.7	24.8	16.4	15.3	15.6	17.3	16.4	16.4	97	80	93	90	9.0	1.4	14.8	11.8	0.4	12.2	0.7	06 1	04 1	02 1
27	18.1	27.6	19.4	21.1	27.8	16.3	15.4	14.5	15.2	15.2	15.0	93	55	90	79	8.3	6.8	—	—	0.4	47.2	1.4	04 1	02 2	00 0
28	18.2	23.7	18.8	19.9	26.0	17.4	16.6	15.2	16.1	14.8	15.3	97	74	94	88	9.0	6.6	47.1	6.7	—	7.3	1.2	00 0	06 1	00 0
29	20.4	25.5	21.7	22.3	27.7	17.6	16.9	16.6	14.7	16.2	15.8	90	60	84	78	7.0	6.7	0.8	—	—	0.7	1.8	02 1	04 1	06 1
30	19.2	28.8	21.0	22.4	28.3	17.5	16.9	15.4	12.5	15.8	14.5	93	42	84	73	7.7	7.3	0.7	—	—	54.6	1.4	00 0	02 1	06 1
31	17.2	28.4	19.4	20.8	28.8	15.9	15.0	14.4	14.2	14.8	14.4	98	55	88	80	7.3	3.9	54.6	0.1	—	0.1	0.2	02 1	06 1	02 1
MED.	18.1	25.8	19.9	20.9	26.7	16.6	15.8	14.9	14.8	15.6	15.1	96	62	90	83	8.3	4.5	12.6	1.0	0.2	13.7	1.4	— —	— —	— —

Total 428.1 m.m.

ESTACION Naranjal MES Junio AÑO 1963 φ = 2° 57' N λ = 79° 41' W.GR - ALTURA 1.400 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.9	26.2	19.8	20.7	27.2	15.3	13.8	13.4	15.5	15.6	14.8	93	60	90	81	6.3	4.5	—	—	—	—	1.4	00 0	06 2	00 0
2	18.0	26.7	20.6	21.5	27.0	16.8	15.0	14.0	14.4	16.2	14.9	91	55	90	79	6.3	5.9	—	—	—	1.7	1.7	00 0	00 0	00 0
3	20.0	26.3	20.7	21.9	27.0	17.6	17.0	16.9	14.0	16.2	15.7	96	55	90	80	9.0	2.4	1.7	0.5	0.2	21.7	1.2	04 1	02 2	04 1
4	18.1	22.8	19.1	19.8	26.5	17.0	16.5	14.6	17.2	15.2	15.7	94	84	93	90	8.3	3.7	21.0	0.6	—	0.6	1.1	06 1	02 1	06 1
5	19.3	25.0	20.6	21.4	27.7	17.5	16.6	15.3	13.8	15.0	15.0	93	58	88	80	8.7	4.2	—	—	—	—	1.4	04 1	14 2	06 1
6	19.8	28.2	22.0	23.0	28.4	17.4	15.9	15.6	14.0	16.3	15.3	90	48	82	73	7.7	8.3	—	—	—	0.3	2.0	06 1	16 2	06 1
7	18.3	26.7	23.0	22.8	28.1	15.5	13.5	13.6	14.4	17.4	15.1	87	55	83	75	7.0	7.9	0.3	—	—	30.8	2.0	06 1	02 1	14 1
8	19.1	21.7	18.8	19.6	26.9	16.5	16.0	16.2	18.2	15.0	16.5	98	94	93	95	8.3	4.5	30.8	3.6	4.8	13.2	1.4	04 1	06 1	06 1
9	18.7	25.5	20.7	21.4	25.6	17.5	16.2	15.3	17.2	16.2	16.2	94	69	90	84	8.3	2.9	4.8	—	—	—	1.1	06 1	16 1	02 2
10	18.9	24.1	18.6	20.0	27.8	17.5	16.9	15.4	12.4	14.4	14.1	94	56	90	80	9.7	2.3	—	2.4	—	15.1	1.2	00 0	02 2	02 2
11	17.8	22.7	18.6	19.4	24.0	17.0	16.2	14.2	14.5	16.1	14.9	97	70	100	89	10.0	0.1	12.7	12.0	1.5	43.3	0.8	00 0	02 1	00 0
12	17.5	24.7	19.3	20.2	25.0	16.1	15.9	15.1	13.9	15.9	15.0	100	59	95	85	6.3	2.5	29.8	—	0.3	6.6	0.9	02 1	14 1	00 0
13	16.6	21.9	19.0	19.1	24.0	16.0	15.3	13.9	13.6	15.5	14.3	98	70	94	87	9.3	0.9	6.3	9.8	—	14.7	0.8	00 0	02 1	00 0
14	19.0	24.0	19.2	20.4	25.5	17.6	16.2	16.0	15.4	15.3	15.6	96	68	92	85	6.0	4.8	4.9	—	—	—	1.2	00 0	00 0	02 1
15	18.1	26.0	18.8	20.4	26.8	16.4	15.5	15.2	14.9	15.4	15.2	98	60	94	65	9.0	4.0	—	—	3.7	8.6	1.2	02 1	14 1	14 1
16	18.2	25.5	21.0	21.4	27.4	16.5	15.2	15.4	13.6	16.7	15.2	98	55	90	81	6.3	7.2	4.9	—	—	3.7	2.0	00 0	16 1	14 1
17	18.1	26.5	20.2	21.2	27.6	16.7	15.7	14.7	12.8	17.6	15.0	95	48	99	81	6.0	6.7	3.7	—	—	—	1.8	02 1	02 1	06 1
18	18.9	30.2	20.5	22.5	30.5	15.4	14.0	14.9	11.7	14.6	13.7	92	36	81	70	3.0	11.6	—	—	—	—	2.6	04 1	02 1	06 1
19	19.3	29.3	22.4	23.4	29.6	16.4	15.0	14.4	12.7	14.9	14.0	88	39	73	67	4.0	9.8	—	—	—	1.1	2.9	06 1	02 1	06 1
20	18.3	25.7	19.0	20.5	25.9	17.3	16.6	14.3	14.3	13.8	14.1	92	58	94	78	6.3	5.5	1.1	—	—	—	1.7	06 1	10 1	06 1
21	18.7	27.4	20.7	21.9	28.9	15.7	14.2	13.2	13.3	13.0	13.2	82	46	75	68	3.7	10.3	—	—	—	—	3.0	06 1	02 2	06 1
22	18.5	27.9	21.0	22.1	28.9	16.0	15.0	13.2	14.1	14.3	13.9	83	49	77	70	5.3	10.0	—	—	1.8	2.1	3.0	06 1	02 1	14 1
23	18.3	29.0	21.7	22.7	29.9	16.1	14.9	13.6	12.1	14.4	13.4	87	40	74	67	8.0	9.4	0.3	—	—	4.5	2.3	06 1	02 2	00 0
24	17.8	25.8	20.2	21.0	26.0	16.1	14.9	13.8	14.9	15.4	14.7	91	60	85	79	8.0	4.4	4.5	—	—	—	1.8	06 1	04 1	12 1
25	18.2	27.2	21.0	21.8	28.0	16.8	15.2	14.0	13.5	15.7	14.4	91	50	85	75	7.7	7.7	—	—	—	71.2	2.0	02 2	00 0	02 1
26	18.8	28.9	19.8	21.8	29.2	17.1	16.4	16.3	14.9	16.0	15.7	100	50	93	81	7.0	6.0	71.2	—	0.1	32.7	2.0	00 0	10 1	00 0
27	18.9	27.6	20.2	21.7	28.6	15.9	15.0	16.0	15.0	15.9	15.6	98	54	88	80	8.7	2.7	32.6	2.9	—	20.7	1.4	04 1	16 1	02 2
28	19.4	25.8	19.4	21.0	26.0	17.2	16.3	15.6	14.9	15.6	15.4	93	60	93	82	8.7	7.1	17.8	—	—	—	1.4	10 1	16 2	02 2
29	19.0	26.0	20.0	21.2	26.8	17.0	15.3	14.9	12.7	15.9	14.5	90	50	90	77	6.3	6.8	—	—	—	17.6	2.0	00 0	02 2	00 0
30	17.8	25.0	19.0	20.2	26.3	17.0	16.2	15.0	14.2	15.5	14.9	98	60	94	84	6.7	5.3	17.6	—	—	—	1.4	00 0	06 2	12 2
31																									
MED.	18.5	26.0	20.2	21.2	27.2	16.6	15.5	14.8	14.3	15.5	14.9	93	57	88	80	7.1	5.6	8.9	1.1	0.4	10.3	1.7	— —	— —	— —

Total 310.2 m.m.

CION Naranjal MES Julio AÑO 19 63 φ = 4º 57' N λ = 74º 41' W.GR - ALTURA 1.400 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.9	27.6	21.4	22.3	27.9	15.8	14.7	13.2	12.4	14.7	13.4	81	44	75	67	7.3	7.3	—	—	—	0.2	2.0	02 1	08 1	16 1
2	19.0	19.7	18.8	19.1	24.0	17.5	16.5	16.2	15.4	16.3	16.0	98	90	100	100	10.0	0.8	0.2	4.3	4.6	8.9	0.8	00 0	10 2	02 1
3	17.8	27.0	21.0	21.7	28.5	14.6	13.5	13.9	13.0	15.1	14.0	92	48	81	74	8.3	9.8	—	—	—	—	2.2	00 0	16 1	04 1
4	18.8	24.6	20.6	21.2	25.5	17.2	16.2	14.7	16.6	14.7	15.3	91	73	82	82	8.3	3.1	—	—	—	—	1.6	04 1	04 1	14 1
5	18.6	29.2	20.0	21.9	30.0	17.5	15.9	14.5	13.3	16.1	14.6	91	43	90	75	8.0	7.0	—	—	5.3	52.4	2.2	04 1	02 1	06 2
6	16.8	23.6	18.2	19.2	24.0	15.4	14.5	14.4	16.4	14.5	15.3	100	75	93	89	9.3	2.7	47.1	1.6	—	1.6	0.6	02 1	08 1	00 0
7	18.2	25.8	20.0	21.2	28.0	15.9	14.5	13.6	13.2	14.4	13.7	85	50	82	72	9.3	8.2	—	—	—	—	1.8	02 1	10 1	12 2
8	17.4	25.4	20.0	20.7	25.8	16.0	14.5	14.0	13.6	16.6	14.7	94	56	94	81	10.0	3.0	—	—	—	—	1.6	00 0	00 0	00 0
9	19.4	25.7	20.6	21.6	26.0	16.9	15.9	15.2	14.7	16.9	15.6	90	57	94	80	10.0	5.3	—	—	—	49.2	1.6	00 0	08 1	00 0
10	17.7	24.0	18.6	20.0	25.2	16.0	15.0	14.8	15.7	15.2	15.2	98	70	95	88	10.0	3.9	49.2	5.7	0.1	22.3	1.2	02 1	08 2	00 0
11	16.6	24.0	19.3	19.8	25.2	15.9	14.5	13.7	14.1	16.2	14.7	97	65	97	86	10.0	2.1	16.5	0.5	—	2.5	1.0	00 0	00 0	00 0
12	17.0	25.2	19.0	20.0	26.5	17.8	16.4	14.1	12.5	15.5	14.0	98	52	94	81	8.0	4.7	2.0	3.7	—	6.3	1.2	14 1	02 1	02 2
13	17.2	25.5	18.8	20.1	26.1	17.0	16.0	14.6	15.2	15.0	14.9	99	62	93	85	8.0	6.8	2.6	2.1	—	2.1	1.6	00 0	10 1	00 0
14	16.2	25.6	19.6	20.2	26.6	15.0	14.5	13.0	9.7	15.8	12.8	94	39	94	76	9.3	9.6	—	—	0.3	26.5	2.0	00 0	14 2	02 1
15	16.9	25.5	19.1	20.2	25.9	15.4	14.2	13.9	12.8	14.5	13.7	96	52	88	79	8.7	2.7	26.2	0.8	0.6	2.1	1.2	06 1	02 4	06 1
16	17.5	24.5	19.2	20.1	25.7	15.5	14.5	13.7	12.8	15.6	14.0	92	60	94	82	9.0	5.6	0.7	0.1	1.2	23.9	1.4	04 1	14 2	02 2
17	17.3	26.1	21.3	21.5	26.5	15.8	14.6	14.2	11.2	15.1	13.5	97	44	80	74	8.0	7.6	22.6	—	—	—	1.7	14 1	02 3	06 1
18	18.0	27.0	19.9	21.2	27.6	16.3	15.7	14.5	11.4	14.5	13.5	93	42	84	73	7.3	8.8	—	—	—	29.1	2.0	04 4	06 1	06 1
19	17.1	23.4	17.5	18.9	25.8	16.2	15.6	13.5	15.2	13.3	14.0	93	70	89	84	6.0	2.8	29.1	0.3	—	0.3	1.2	04 1	02 1	04 1
20	17.5	28.1	20.1	21.4	28.9	14.6	14.6	13.4	15.4	15.3	14.7	91	55	86	78	4.7	1.1	—	—	—	26.5	2.2	06 1	10 1	08 1
21	16.7	25.6	19.6	20.4	26.9	15.6	14.7	13.9	12.2	14.9	13.7	98	49	88	78	5.3	7.4	26.5	—	0.1	5.0	1.8	14 1	14 1	06 1
22	17.7	27.3	19.9	21.2	27.6	16.5	15.1	15.1	14.1	15.9	15.0	99	52	92	81	8.0	7.8	4.9	—	0.8	0.7	1.8	06 1	02 1	00 0
23	16.3	25.6	20.2	20.6	27.2	15.6	14.4	12.7	11.0	14.6	12.8	90	45	82	72	7.7	7.5	0.1	0.1	0.1	0.2	1.6	06 1	02 1	00 0
24	17.7	26.8	20.6	21.4	28.7	14.0	12.2	12.0	13.2	15.8	13.7	79	48	87	71	5.0	10.1	—	—	—	—	3.0	06 1	02 1	06 1
25	16.5	27.8	19.6	20.9	29.2	14.4	12.7	13.2	10.8	13.9	12.6	93	37	81	70	7.7	10.5	—	—	—	—	2.4	10 1	16 1	02 2
26	20.0	27.1	19.4	21.5	27.6	16.2	13.5	16.4	12.2	15.2	14.6	94	45	90	76	5.3	10.9	—	—	—	2.3	2.4	00 0	00 0	00 0
27	17.4	26.6	19.5	20.8	27.0	16.3	14.8	13.9	12.8	15.7	14.1	93	48	93	78	6.0	6.0	2.3	—	—	—	2.4	00 0	06 2	00 0
28	17.9	27.0	20.8	21.6	27.8	15.3	14.5	13.2	13.0	15.2	13.8	87	48	80	72	6.0	8.2	—	—	—	3.4	2.4	00 0	02 2	00 0
29	18.7	25.4	19.8	20.9	26.3	17.2	16.1	15.2	13.8	15.6	14.9	94	57	90	80	6.7	7.0	3.4	—	—	2.6	1.8	02 2	02 1	06 1
30	18.0	26.5	20.4	21.3	27.0	16.5	15.2	15.3	14.3	13.7	14.4	99	55	76	77	9.0	7.0	2.6	—	0.8	0.8	1.6	00 0	10 1	06 1
31	18.1	24.9	18.8	20.2	26.3	16.7	15.1	14.1	16.4	14.0	14.5	93	69	90	84	8.7	4.7	—	2.3	0.1	29.1	1.4	06 1	10 2	02 1
MED.	17.7	25.8	19.7	20.7	26.8	16.0	14.8	14.1	13.5	15.1	14.2	93	55	88	79	7.8	6.5	7.6	0.7	0.4	9.8	1.7	— —	— —	— —

Total 298.0 m.m.

ESTACION Naranjal MES Agosto AÑO 1963 φ = 40 57' N λ = 740 41' W.GR - ALTURA 1.100 Mts.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.7	25.3	18.1	19.8	26.0	16.0	15.5	14.8	15.3	14.6	14.9	98	64	94	85	9.3	3.6	26.7	0.3	2.1	11.3	1.0	00 0	10 1	02 1
2	16.7	24.4	17.2	18.9	24.6	15.5	14.5	14.3	12.6	13.0	13.3	100	55	90	83	6.7	1.6	8.9	—	—	—	1.0	00 0	02 1	06 1
3	18.4	26.5	20.4	21.4	27.0	13.5	11.9	12.6	12.8	15.0	13.5	79	48	84	70	5.7	9.9	—	—	—	4.8	2.4	06 1	14 1	06 1
4	17.2	28.2	20.5	21.6	29.1	15.4	14.0	13.5	12.1	14.8	13.4	92	42	81	72	4.7	9.3	4.8	—	2.5	2.5	2.4	06 1	14 1	10 1
5	17.7	21.0	20.8	20.1	26.0	15.4	14.3	13.1	14.3	15.4	14.3	87	77	84	83	5.7	2.2	--	0.5	0.1	0.6	1.1	06 1	06 1	02 1
6	18.9	26.2	19.2	20.9	27.5	15.6	14.2	14.2	12.8	14.4	13.8	87	50	87	75	4.7	6.9	—	—	0.4	0.4	1.8	02 1	02 1	02 1
7	18.3	26.4	20.4	21.4	26.8	14.8	13.0	13.0	12.0	14.5	13.2	83	48	80	70	9.7	9.8	—	—	2.2	34.9	2.0	02 1	02 2	02 1
8	18.4	25.0	20.6	21.2	26.3	16.6	16.1	15.2	13.1	16.2	14.8	97	55	90	81	6.7	8.4	32.7	—	0.2	26.5	1.6	02 1	02 1	00 0
9	17.3	24.5	20.0	20.4	25.0	16.8	16.0	14.2	15.3	15.5	15.0	98	66	89	84	8.0	4.9	26.3	8.4	—	17.2	1.5	02 1	02 1	02 1
10	18.0	25.6	20.0	20.9	27.0	16.8	16.0	15.2	13.8	14.1	14.7	98	56	80	78	10.0	6.1	8.8	—	—	—	1.4	00 0	02 1	02 1
11	19.0	27.4	22.3	22.8	28.8	16.4	16.3	14.8	12.4	15.7	14.3	90	45	78	71	9.7	8.9	—	—	—	—	2.2	00 0	12 3	02 2
12	18.5	27.8	21.0	22.1	28.3	16.7	15.2	13.9	11.1	15.4	13.5	86	40	82	69	9.0	8.4	—	—	—	0.5	2.3	06 1	14 1	06 1
13	18.2	28.2	22.3	22.7	28.4	17.0	15.7	15.4	12.9	15.9	14.7	98	44	80	74	7.0	9.4	0.5	—	—	7.0	3.3	06 1	06 1	06 1
14	18.5	28.4	22.6	23.0	28.8	16.6	15.2	15.7	13.2	15.8	14.9	98	45	77	73	6.7	8.4	7.0	—	—	—	2.2	02 1	14 1	10 1
15	17.1	26.6	20.5	21.2	27.8	16.7	15.7	14.8	13.0	16.1	14.6	98	50	90	79	6.0	5.8	--	—	1.4	3.1	1.6	02 1	14 1	06 1
16	18.5	26.8	19.9	21.3	27.0	17.1	15.9	14.7	13.2	13.9	13.9	93	50	80	74	8.7	6.7	1.7	—	—	—	2.2	06 1	32 1	06 1
17	17.8	27.3	20.0	21.3	28.0	15.1	14.0	12.8	13.5	14.9	13.7	84	50	85	73	5.7	7.5	—	—	—	—	2.2	06 1	02 1	00 0
18	17.8	27.2	20.9	21.7	27.3	16.0	14.2	13.7	13.3	14.6	13.9	90	50	79	73	5.7	6.0	--	—	—	4.8	2.2	12 1	00 0	10 1
19	18.1	25.0	18.9	20.2	25.7	17.1	16.6	15.2	15.1	14.2	14.8	98	64	89	84	5.3	7.9	4.8	—	0.4	25.8	1.2	00 0	10 1	02 1
20	17.4	24.5	18.0	19.5	26.5	15.7	15.4	14.6	13.5	14.0	14.0	98	58	91	83	6.3	5.0	25.4	0.1	14.5	15.9	1.2	02 1	14 1	00 0
21	17.3	25.9	19.7	20.6	26.4	16.5	16.1	14.4	13.5	14.5	14.1	98	54	85	79	7.3	5.9	1.3	—	—	—	1.4	00 0	14 1	02 1
22	17.5	26.5	20.4	21.2	27.0	14.9	14.5	13.0	10.3	15.0	12.8	88	40	84	71	9.3	7.0	—	—	0.1	0.1	2.2	12 1	36 1	02 1
23	18.9	27.6	20.6	21.9	28.5	16.3	15.1	14.5	13.9	15.3	14.6	89	50	85	75	8.3	7.9	—	—	—	—	2.6	06 1	14 1	00 0
24	16.8	26.2	19.4	20.4	26.8	15.8	14.5	13.4	12.8	13.5	13.2	93	50	80	74	4.3	6.3	—	—	—	—	2.2	00 0	06 1	02 1
25	18.0	28.6	22.2	22.7	29.0	16.0	15.3	13.4	13.1	15.9	14.1	87	47	81	72	7.3	9.2	—	—	—	7.6	2.0	02 1	06 1	00 0
26	18.7	28.8	21.5	22.6	29.0	17.6	16.0	15.9	14.4	16.2	15.5	99	48	84	77	7.3	8.2	7.6	—	—	—	2.0	02 1	14 1	06 1
27	19.7	27.0	20.5	21.9	28.1	17.8	16.7	15.4	15.0	14.8	15.1	90	56	82	76	5.3	5.2	—	—	—	40.2	2.0	04 1	10 1	02 1
28	18.5	25.9	19.3	20.7	27.0	16.8	16.2	15.1	12.5	15.3	14.3	94	50	92	79	5.3	7.6	40.2	—	—	2.1	1.8	02 1	02 1	36 1
29	18.0	27.0	21.0	21.7	28.1	16.5	15.4	14.6	12.5	14.2	13.8	94	46	76	72	7.7	9.4	2.1	—	—	—	3.0	06 1	14 1	06 1
30	19.1	28.1	21.0	22.5	28.4	15.7	14.2	13.6	12.8	14.6	13.7	82	45	78	68	5.7	9.2	—	—	—	0.1	3.0	06 1	14 1	06 1
31	19.4	26.7	20.4	21.7	26.5	18.0	17.0	16.3	14.4	16.9	15.9	96	55	94	82	8.3	2.5	0.1	—	—	—	1.6	12 1	00 0	00 0
MED.	18.1	26.5	20.3	21.3	27.3	16.2	15.2	14.4	13.2	15.0	14.2	92	52	84	76	7.0	6.9	6.4	0.3	0.8	6.6	1.8	— -	— -	— -

Total 205.4 m.m.

ESTACION Naranjal MES Septiembre AÑO 1963 φ = 4º 57' N λ = 74º 41' W.GR - ALTURA 1400 m

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.5	21.8	19.9	20.0	25.2	16.3	14.5	13.3	16.4	14.2	14.6	84	83	82	83	7.7	2.5	—	0.4	—	0.4	2.0	06 1	08 2	06 1
2	18.0	28.0	20.5	21.7	28.8	14.6	13.1	13.4	11.9	14.1	13.1	87	42	78	69	6.0	9.2	—	—	—	—	2.6	06 1	14 2	02 1
3	18.4	27.3	20.0	21.4	28.0	15.9	14.5	13.8	12.8	15.5	14.0	87	47	89	74	7.0	8.2	—	—	—	—	2.8	04 1	02 1	02 1
4	16.4	27.3	20.6	21.2	28.3	15.3	14.3	12.6	11.8	14.4	12.9	90	43	79	71	6.0	6.1	—	—	—	—	2.8	04 1	02 1	02 1
5	17.8	27.6	21.0	21.8	28.2	15.4	13.5	12.0	11.1	14.2	12.4	77	40	77	65	9.0	7.5	—	—	—	—	2.9	12 1	02 1	00 0
6	18.2	26.9	19.8	21.2	27.3	16.6	14.8	14.2	14.3	15.0	14.5	91	54	87	77	7.7	4.1	—	—	—	—	2.2	06 1	14 1	02 1
7	18.2	23.9	20.0	20.5	25.4	17.2	15.4	14.2	14.2	14.4	14.3	91	64	83	79	8.3	0.9	—	—	—	2.3	1.8	00 0	14 1	00 0
8	18.0	26.4	19.2	20.7	27.0	16.6	15.4	15.6	14.5	15.6	15.2	100	56	94	83	6.7	3.2	2.3	—	—	—	1.8	00 0	14 3	02 1
9	17.1	27.1	20.5	21.3	27.8	15.2	14.0	13.2	11.9	14.1	13.1	91	44	78	71	4.7	6.7	—	—	—	—	2.7	16 1	16 1	06 1
10	17.4	27.0	20.8	21.5	28.1	16.5	15.0	13.7	14.2	14.6	14.2	92	53	79	75	7.7	4.6	—	—	—	—	1.5	04 1	14 2	06 1
11	18.5	26.8	19.5	21.1	27.1	16.2	14.9	14.3	13.2	14.2	13.9	90	50	83	74	5.7	6.5	—	—	—	4.0	2.3	04 1	00 0	06 1
12	17.0	26.3	19.5	20.6	26.4	17.2	16.3	14.2	15.1	15.7	15.0	98	59	93	83	6.3	2.6	4.0	2.3	—	2.3	1.8	02 1	14 1	06 1
13	18.4	26.0	19.0	20.6	27.0	16.5	15.5	13.0	12.2	15.1	13.4	92	48	92	77	5.3	4.8	—	—	—	—	2.0	02 1	00 0	06 1
14	18.2	27.7	19.1	21.0	28.0	15.1	13.6	14.2	12.4	14.3	13.6	91	45	87	74	6.7	5.4	—	—	—	—	2.0	06 1	14 1	06 1
15	17.0	20.8	17.5	18.2	23.9	15.2	13.8	14.2	14.9	14.7	14.6	98	81	98	92	7.0	—	—	0.9	—	0.9	1.2	06 1	05 1	05 1
16	17.7	27.9	19.3	21.0	28.4	14.8	13.6	13.6	13.3	15.4	14.1	91	47	93	77	9.3	4.9	—	—	1.7	5.6	2.2	06 1	00 0	02 1
17	18.2	22.3	18.0	19.1	23.3	17.3	15.5	14.8	16.4	14.0	15.1	94	84	91	90	9.0	1.3	3.9	0.1	0.4	0.5	1.0	00 0	12 1	00 0
18	18.2	23.8	20.2	20.6	24.4	16.2	15.0	14.2	14.6	15.7	14.8	91	65	89	82	10.0	2.2	—	—	—	4.9	1.2	00 0	02 1	06 1
19	18.5	21.9	18.4	19.3	23.9	16.5	15.8	14.7	15.6	15.0	15.1	93	80	94	89	10.0	1.6	4.9	0.3	0.5	28.9	1.2	02 1	06 1	02 1
20	17.0	24.2	17.4	19.0	24.3	15.7	15.3	14.2	14.4	13.6	14.1	98	64	91	84	8.3	2.0	28.1	—	—	—	1.4	02 1	06 1	02 1
21	16.5	26.0	20.4	20.8	28.1	15.0	14.0	13.2	11.0	13.8	12.7	94	42	76	71	7.7	7.9	—	—	—	0.2	2.2	12 1	00 0	06 2
22	18.0	19.4	18.1	18.4	26.0	17.0	16.2	15.2	14.1	14.0	14.4	98	84	90	91	8.7	3.5	0.2	2.7	0.5	3.2	1.4	00 0	06 1	02 2
23	18.3	25.9	20.8	21.4	26.1	15.4	14.0	13.2	13.7	14.9	13.9	84	55	81	73	9.3	4.5	—	—	0.8	1.0	2.2	06 1	04 1	06 1
24	18.8	25.1	20.4	21.2	27.2	16.4	15.2	13.6	14.2	16.0	14.6	84	61	90	78	8.0	4.8	0.2	0.3	0.7	8.2	1.6	06 1	06 1	04 1
25	18.3	25.8	19.3	20.7	27.0	16.1	15.0	15.1	13.0	15.4	14.5	96	52	90	79	9.0	3.5	7.2	—	0.3	35.6	1.6	00 0	16 1	06 1
26	17.2	22.8	19.0	19.5	25.3	14.7	13.8	14.8	15.5	15.9	15.4	100	75	96	90	8.0	3.7	35.3	—	0.1	0.1	1.4	06 1	06 1	06 1
27	17.0	23.6	18.3	19.3	25.2	16.3	15.5	14.2	15.4	14.0	14.5	98	70	90	86	6.3	5.0	—	—	—	—	1.4	04 1	14 1	06 1
28	18.8	26.3	21.0	21.8	27.4	14.9	13.5	13.2	11.8	11.0	12.0	81	46	59	62	5.7	7.4	—	0.1	—	0.5	2.6	06 1	14 1	08 1
29	17.2	23.9	17.9	19.2	25.9	16.3	15.2	14.1	13.3	12.4	13.3	96	60	82	79	9.7	4.8	0.4	—	—	—	2.0	02 1	14 2	06 1
30	18.9	27.5	20.6	21.9	28.5	14.3	13.5	14.0	12.3	13.1	13.1	86	44	72	67	4.7	9.5	—	—	—	15.8	2.6	00 0	00 0	00 0
31																									
MED.	17.8	25.2	19.5	20.5	26.6	15.9	14.6	13.9	13.6	14.5	14.0	91	58	85	78	7.5	4.6	2.9	0.2	0.2	3.8	1.9	— —	— —	— —

Total 114.4 m.m.

ESTACION Naranjal MES Octubre AÑO 19 63 φ = 40 57' N λ = 749 11' W.GR - ALTURA 1.400 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.1	23.5	17.6	18.9	25.0	16.2	15.2	13.7	12.8	13.2	13.2	93	59	88	80	8.3	4.4	15.8	0.2	—	0.2	1.4	00 0	06 1	02 1
2	17.2	25.7	19.6	20.8	27.8	14.2	12.2	13.2	13.2	13.4	13.3	90	48	78	72	5.7	8.0	—	—	—	0.9	2.8	06 1	14 1	12 1
3	18.6	26.6	18.4	20.5	28.6	16.0	15.5	15.3	11.8	14.2	13.8	95	44	90	76	6.0	7.9	0.9	—	4.6	7.7	2.4	06 1	02 1	00 0
4	18.0	24.0	19.7	20.3	26.6	16.4	15.4	15.2	12.4	14.2	13.9	98	56	83	79	8.7	5.8	3.1	—	—	—	1.4	02 1	02 1	06 1
5	18.0	23.7	19.6	20.2	27.3	15.6	14.2	14.0	15.6	14.8	14.8	91	70	87	83	6.0	7.4	—	—	—	—	2.0	02 1	12 1	08 1
6	17.2	26.8	19.8	20.9	27.2	15.0	14.2	12.5	14.3	13.6	13.5	85	54	79	73	7.3	5.5	—	—	0.4	0.4	1.8	02 1	12 1	06 1
7	17.9	25.8	19.0	20.4	26.2	15.2	13.2	14.8	15.8	17.5	16.0	96	04	87	82	5.7	1.8	—	0.1	—	0.1	1.9	06 1	16 1	08 1
8	18.0	25.4	19.5	20.6	26.0	15.2	13.6	13.7	14.2	14.7	14.2	89	58	87	78	8.7	3.5	—	—	—	1.0	1.4	06 1	06 1	04 1
9	18.5	26.2	19.3	20.8	26.5	16.3	15.6	15.1	11.5	13.5	13.4	94	45	81	73	6.0	2.4	1.0	—	—	—	1.4	06 1	04 1	06 1
10	17.5	27.8	20.4	21.5	28.8	15.2	13.3	13.4	11.1	16.6	13.7	90	40	70	67	5.0	6.3	—	—	—	—	2.7	06 1	16 1	06 1
11	18.3	28.8	20.6	22.1	29.0	15.4	13.8	13.7	12.1	14.0	13.3	88	40	77	68	8.7	7.8	—	—	—	—	3.0	06 1	16 1	04 1
12	18.1	25.8	19.6	20.8	27.5	16.7	16.0	14.5	11.4	14.5	13.5	93	46	85	75	7.0	4.4	—	—	1.5	38.3	1.6	02 2	02 1	02 1
13	17.0	22.1	18.0	19.2	22.3	16.0	15.0	14.6	13.6	15.6	14.6	100	72	98	90	8.0	0.3	36.8	1.8	—	1.8	0.8	02 2	02 1	02 1
14	18.9	26.5	19.1	20.9	26.7	15.4	14.3	14.0	13.1	14.7	13.9	86	50	88	75	7.3	5.2	—	—	—	0.5	1.8	00 0	02 1	02 1
15	18.3	24.8	19.4	20.5	25.5	15.8	15.1	14.5	15.4	16.1	15.3	93	66	95	85	8.7	2.4	0.5	—	—	—	1.4	00 0	06 1	02 1
16	18.8	25.6	19.4	20.8	26.8	17.0	16.1	14.7	13.6	14.7	14.3	91	55	88	78	8.7	3.2	—	—	—	15.4	1.4	02 1	16 2	02 3
17	18.9	24.2	19.9	20.7	25.5	16.6	16.5	15.8	17.3	15.0	16.0	97	76	97	87	9.3	2.7	15.4	0.5	0.1	12.7	1.0	00 0	06 2	00 0
18	17.5	23.2	18.8	19.8	25.4	14.9	13.8	14.1	16.0	15.4	15.2	94	75	94	88	8.0	5.9	12.1	0.2	0.2	0.4	1.2	06 1	06 1	00 0
19	17.6	26.0	19.4	20.6	26.3	14.8	13.7	13.1	14.7	15.0	14.3	87	58	90	78	7.7	7.5	—	—	—	—	1.4	06 1	02 2	00 0
20	18.3	22.6	18.8	19.6	25.5	16.4	15.0	14.5	17.0	14.5	15.3	93	83	89	88	7.3	2.2	—	—	0.2	0.2	1.4	02 1	10 2	06 1
21	18.0	27.6	22.5	22.7	28.0	15.1	13.7	13.4	11.2	14.5	13.0	87	41	70	66	7.3	6.6	—	—	—	—	2.4	06 1	06 1	06 1
22	19.4	22.2	19.1	19.9	27.6	16.7	15.7	14.7	10.0	13.9	12.9	88	49	85	74	5.7	5.7	—	—	0.4	0.4	2.3	04 1	06 1	06 1
23	18.1	27.3	20.6	21.6	27.9	15.8	14.6	14.0	14.4	15.0	14.5	91	53	82	75	8.0	4.7	—	0.1	—	29.1	1.7	04 1	14 1	14 1
24	17.1	28.6	18.7	20.3	27.0	16.4	16.0	14.1	14.7	14.5	14.4	97	56	91	81	7.7	4.9	29.0	1.3	0.5	1.8	1.4	04 1	00 0	06 1
25	18.8	26.7	19.7	21.2	26.8	15.9	14.8	14.2	14.8	14.5	14.5	87	57	85	76	4.0	7.4	—	—	—	—	1.8	00 0	02 2	06 1
26	18.6	26.4	19.4	20.9	27.3	16.5	15.8	14.5	13.4	14.7	14.2	91	64	88	77	7.7	6.3	—	—	—	—	2.0	02 2	06 2	00 0
27	17.7	24.0	19.8	20.3	26.2	16.0	14.5	13.8	14.3	13.2	13.7	91	64	77	77	8.0	5.0	—	—	—	—	2.0	06 2	14 1	06 1
28	17.7	25.3	18.0	19.7	25.8	15.5	14.4	13.8	13.6	13.4	13.6	91	56	85	77	5.7	3.1	—	0.1	—	2.4	1.8	10 1	14 1	02 1
29	17.1	26.3	18.6	20.1	27.0	15.6	14.7	14.0	12.1	12.9	13.0	96	45	80	74	7.3	7.6	2.3	—	0.1	14.0	2.0	02 1	14 1	00 0
30	18.5	27.2	18.7	20.8	27.8	16.2	15.7	15.5	13.5	15.3	14.8	97	50	95	81	7.3	5.5	13.9	—	0.6	27.2	1.6	00 0	06 1	10 1
31	18.8	24.6	19.0	20.2	25.3	17.0	15.9	15.1	13.6	14.9	14.5	98	59	90	82	7.7	1.3	26.6	—	1.3	5.9	1.0	02 1	14 1	00 0
MED.	18.0	25.5	19.2	20.5	26.7	15.8	14.8	14.2	13.6	14.6	14.1	92	56	85	78	7.2	5.0	5.1	0.1	0.3	5.2	1.7	— —	— —	— —

Total 160.4 m.m.

ESTACION Naranjal MES Noviembre AÑO 1963 φ = 40 57' N λ = 79 041 W.GR - ALTURA 1.400 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.8	25.1	18.5	19.7	26.0	14.8	14.0	13.6	13.8	14.6	14.0	95	58	92	82	7.0	3.8	4.6	—	1.0	1.0	1.1	00 0	14 1	02 1
2	17.8	22.8	19.8	20.0	25.8	16.5	15.4	15.0	15.0	15.1	15.0	98	72	90	87	9.3	2.4	—	1.2	—	7.3	1.2	00 0	02 1	12 1
3	18.7	23.8	19.9	20.8	25.0	17.5	16.8	15.6	16.8	15.4	15.9	97	76	89	87	9.3	1.6	6.1	0.7	0.2	4.6	1.0	00 0	06 1	06 1
4	18.2	24.2	18.5	19.8	25.7	17.5	16.0	15.1	14.3	14.7	14.7	96	63	93	84	9.3	2.4	3.7	—	0.1	0.2	1.0	02 1	06 1	00 0
5	17.9	25.7	18.9	20.3	26.5	16.9	16.5	13.8	13.6	14.9	14.1	91	55	91	79	8.7	4.2	0.1	—	0.4	26.1	1.0	02 1	06 1	04 1
6	17.4	20.3	18.2	18.5	22.7	16.2	15.0	14.2	14.9	15.1	14.7	96	84	96	92	9.3	1.2	25.7	—	0.1	2.0	0.8	00 0	06 1	02 1
7	18.2	24.4	18.0	19.6	25.1	15.1	14.5	14.2	14.0	14.1	14.1	91	62	92	82	6.0	5.1	1.9	—	—	43.7	1.5	02 2	14 1	12 1
8	16.6	25.6	20.0	20.5	26.9	15.7	14.7	14.3	11.8	14.4	13.5	100	48	82	77	7.7	6.6	43.7	—	0.1	36.5	1.6	02 1	02 1	06 1
9	18.3	27.6	17.6	20.3	27.8	17.0	16.0	14.5	14.2	14.2	14.3	93	51	93	79	7.3	6.1	36.4	—	9.3	12.6	1.6	12 1	16 1	14 1
10	18.4	24.7	18.8	20.2	26.8	16.1	15.2	14.5	13.9	13.7	14.0	92	60	90	81	9.3	6.1	3.3	—	—	24.7	1.6	06 1	16 1	02 1
11	17.3	21.0	17.0	18.1	22.2	16.0	15.0	14.4	15.6	14.1	14.7	98	84	97	93	10.0	—	24.7	0.1	24.1	24.4	0.8	06 1	04 1	00 0
12	17.3	24.3	18.2	19.5	24.5	15.3	14.8	14.4	13.8	14.5	14.2	98	61	93	84	7.7	4.6	0.2	—	0.1	2.2	1.2	02 1	14 1	00 0
13	17.5	24.7	19.0	20.0	25.0	15.2	14.1	14.0	11.4	14.8	13.4	93	49	90	77	6.3	3.2	2.1	—	—	21.9	1.4	04 1	02 1	02 1
14	16.7	20.5	16.2	17.4	20.7	15.2	14.2	13.9	13.4	12.0	13.1	98	74	87	86	10.0	0.2	21.9	—	0.2	5.2	0.8	00 0	02 1	06 1
15	14.5	19.8	15.2	16.7	19.9	13.5	13.2	11.5	10.9	11.0	11.1	93	63	85	80	8.0	0.7	5.0	—	—	—	0.8	02 1	10 2	02 1
16	13.7	24.2	16.4	17.7	24.4	11.0	10.2	10.3	9.9	12.9	11.0	88	44	92	75	5.0	6.6	—	—	—	—	1.6	02 1	06 1	02 1
17	14.6	25.4	18.2	19.1	26.5	12.8	12.0	11.4	11.6	14.5	12.5	92	48	93	78	5.0	9.7	—	—	—	—	2.2	00 0	00 0	00 0
18	17.7	25.6	19.3	20.5	26.7	15.8	15.0	13.6	14.3	14.1	14.0	91	58	85	78	5.0	4.3	—	—	—	—	1.6	06 1	00 0	06 1
19	17.4	27.6	20.2	21.3	27.9	15.2	13.7	12.9	13.9	14.9	13.9	87	50	84	74	5.3	7.8	—	—	—	—	2.5	06 1	14 1	06 1
20	19.1	26.4	19.0	20.9	26.8	16.7	15.9	13.6	14.5	14.8	14.3	82	56	90	76	7.0	5.3	—	—	0.5	0.5	1.7	06 1	14 1	06 1
21	17.9	25.5	19.6	20.6	26.0	16.4	15.5	14.6	14.7	14.5	14.6	95	60	85	80	9.7	3.1	—	—	—	36.4	2.0	04 1	14 1	02 1
22	16.0	23.0	18.9	19.2	24.2	15.9	15.6	13.7	13.1	14.0	13.6	100	62	86	83	8.3	2.0	36.4	0.3	6.7	12.8	1.0	02 1	02 1	08 1
23	16.0	20.8	17.7	18.0	20.9	15.6	14.2	13.4	14.6	14.8	14.3	98	79	98	92	7.7	—	5.8	3.5	—	3.5	0.4	00 0	02 1	00 0
24	16.0	24.4	16.8	18.5	25.0	14.0	13.2	12.0	12.0	13.8	12.6	88	52	96	79	8.0	5.9	—	—	2.7	4.6	1.4	06 1	14 1	14 1
25	17.3	25.5	18.6	20.0	27.0	14.2	13.3	13.9	13.7	14.4	14.0	94	56	90	80	8.0	7.4	1.9	—	—	—	1.0	00 0	14 1	00 0
26	18.1	24.4	18.2	19.7	26.0	16.1	13.9	13.7	13.7	12.5	13.3	89	60	79	76	7.2	5.2	—	—	—	—	1.8	06 1	04 1	10 1
27	19.2	25.1	18.7	20.4	26.3	14.8	13.2	13.3	15.6	14.3	14.4	80	66	89	78	6.7	5.1	—	—	—	—	1.8	00 0	00 0	00 0
28	17.8	27.8	19.9	21.3	28.0	13.7	12.2	12.4	12.8	15.1	13.4	82	46	88	72	6.7	7.5	—	—	—	—	1.7	00 0	10 1	02 1
29	17.3	27.5	19.0	20.7	28.0	15.4	14.0	12.7	11.7	14.8	13.1	87	43	90	73	6.8	7.6	—	—	—	0.8	2.2	00 0	10 1	00 0
30	18.0	27.3	20.5	21.8	28.6	15.7	14.6	13.4	13.3	15.3	14.0	87	48	85	73	7.3	10.1	0.8	—	0.6	2.0	2.2	00 0	00 0	00 0
31																									
MED.	17.2	24.5	18.5	19.7	25.4	15.4	14.4	13.6	13.6	14.2	13.8	92	60	90	81	7.6	4.5	7.5	0.2	1.5	9.1	1.4	— —	— —	— —

Total 273.0 m.m.

Edit. Conicati 75

ESTACION Naranjal MES Diciembre AÑO 1963 φ = 40 57' N λ = 740 41' W.GR - ALTURA 1.400 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.0	27.6	20.8	22.1	28.0	16.5	15.9	15.7	12.5	15.4	14.5	95	45	84	75	6.3	7.3	1.4	—	—	—	2.0	06 1	00 0	06 1
2	19.0	26.3	19.5	21.1	27.4	17.0	16.0	13.6	12.5	14.2	13.4	83	49	83	72	6.0	6.0	—	—	—	—	2.1	04 1	02 1	06 1
3	17.7	26.8	19.0	20.8	27.7	16.3	15.2	13.6	13.7	14.3	13.9	91	52	87	77	6.3	4.5	—	—	0.7	14.6	1.8	06 1	14 1	06 1
4	17.7	26.0	18.8	20.3	26.4	15.6	14.6	14.8	12.7	14.9	14.1	98	50	92	80	6.3	6.5	13.9	—	—	—	1.6	00 0	02 1	00 0
5	18.5	27.3	21.0	21.9	28.2	16.4	15.2	14.5	13.3	16.3	14.7	91	48	88	76	4.7	8.9	—	—	—	0.9	2.3	00 0	14 1	06 1
6	18.8	27.4	21.0	22.0	28.3	17.8	16.6	15.5	11.8	14.2	13.8	95	42	78	71	5.0	9.0	0.9	0.8	—	0.8	2.4	06 1	14 1	06 1
7	18.1	26.1	21.0	22.0	28.5	16.2	14.9	14.1	13.8	15.8	14.5	92	48	84	75	3.0	9.1	—	—	—	—	2.2	00 0	00 0	06 1
8	18.3	27.4	20.0	21.9	28.2	16.8	15.4	14.2	13.3	15.5	14.3	91	48	89	76	6.7	4.8	—	—	—	0.4	2.0	00 0	00 0	00 0
9	18.3	27.5	20.3	21.8	28.6	17.3	16.4	15.4	15.3	15.9	15.5	97	56	90	81	6.7	7.0	0.4	0.1	—	0.1	2.2	06 1	00 0	00 0
10	18.4	29.0	20.6	22.1	30.0	16.0	14.5	13.8	13.4	13.8	13.7	87	44	78	69	3.0	9.0	—	—	—	—	2.6	06 1	14 1	00 0
11	18.0	28.8	20.7	22.0	29.5	16.5	15.0	14.9	12.1	15.0	14.0	98	40	82	73	6.0	6.0	—	—	—	—	2.8	00 0	00 0	00 0
12	18.3	27.6	20.0	21.5	27.9	15.0	13.5	15.1	13.5	13.8	14.1	98	48	80	75	7.7	6.6	—	—	—	0.3	2.6	06 1	00 0	00 0
13	18.9	25.7	20.0	21.1	28.4	16.5	15.5	14.5	13.6	14.9	14.3	89	55	85	76	8.3	4.4	0.3	—	—	—	1.6	00 0	00 0	00 0
14	18.4	28.3	20.2	20.8	29.6	16.2	15.0	13.2	12.4	15.1	13.6	83	43	85	70	6.0	8.6	—	—	—	—	2.4	00 0	00 0	00 0
15	20.1	28.2	21.6	22.9	29.6	16.3	15.0	14.4	13.6	15.1	14.4	83	47	78	69	7.0	8.4	—	—	—	—	2.2	00 0	00 0	00 0
16	18.9	28.1	21.1	22.3	28.5	16.9	15.7	14.5	15.8	16.3	15.5	89	56	88	78	5.3	8.2	—	0.1	0.1	43.2	2.5	04 1	14 1	06 1
17	16.0	23.4	18.8	19.2	23.8	15.0	14.7	13.2	15.2	14.7	14.4	97	70	91	86	8.0	3.2	43.0	—	—	—	1.3	14 2	00 0	04 1
18	16.3	26.3	19.2	20.2	26.5	14.0	12.8	12.7	13.1	14.8	13.5	92	51	89	77	5.0	9.2	—	—	—	—	1.4	00 0	00 0	00 0
19	17.9	25.9	19.8	20.8	26.9	15.4	14.3	13.7	14.5	14.2	14.1	90	58	83	77	7.3	5.9	—	—	0.2	0.2	1.7	06 1	14 1	06 1
20	18.5	27.0	19.4	21.1	28.7	17.1	16.7	14.2	13.4	14.7	14.1	89	50	88	76	7.0	8.7	—	—	6.3	6.3	2.2	06 1	00 0	06 1
21	18.3	26.3	20.2	21.1	27.7	16.6	15.4	13.7	14.8	14.6	14.4	88	58	82	76	7.7	8.6	—	—	—	—	2.1	06 1	00 0	10 1
22	17.5	25.6	19.0	20.3	26.2	16.0	15.2	14.0	11.4	12.9	12.8	93	46	78	72	6.7	3.9	0.1	—	—	—	1.4	06 1	00 0	06 1
23	17.5	27.6	21.2	21.9	28.4	15.5	14.4	13.3	15.2	14.0	14.2	89	55	74	73	7.3	7.6	—	—	—	0.1	2.0	06 1	00 0	06 1
24	19.5	22.1	19.4	20.1	25.1	17.7	16.6	14.6	16.6	14.4	15.3	88	83	86	86	9.3	1.8	0.1	0.4	—	0.4	1.3	00 0	06 1	06 1
25	20.6	26.6	20.3	21.9	27.0	16.7	15.6	15.2	14.1	15.5	14.9	84	54	88	75	7.7	2.8	—	—	—	22.7	1.4	00 0	00 0	00 0
26	18.1	27.5	20.5	21.6	28.0	16.3	15.5	14.5	12.0	15.1	13.9	93	94	84	74	4.3	7.7	22.7	—	—	—	1.8	06 1	02 1	06 1
27	18.5	27.6	21.0	22.0	28.2	16.0	14.6	13.1	13.5	16.3	14.3	82	48	88	73	6.7	8.3	—	—	—	—	2.2	06 1	14 1	06 1
28	18.5	27.4	20.8	21.9	28.0	16.5	15.6	13.3	14.8	14.1	14.1	84	54	81	73	5.3	9.0	—	—	—	—	2.6	06 1	14 1	06 1
29	18.2	27.2	20.6	21.6	28.0	15.8	14.6	14.2	13.5	15.8	14.5	91	50	87	76	9.0	7.5	—	—	0.2	5.6	2.0	06 1	14 1	00 0
30	18.4	22.0	19.0	19.8	23.3	17.8	17.1	15.1	15.5	15.9	15.5	95	78	96	90	9.7	—	5.4	21.6	0.5	22.2	0.5	00 0	02 1	00 0
31	18.3	24.3	19.7	20.5	25.1	17.2	16.9	15.2	14.8	15.5	15.2	97	65	91	84	8.0	3.1	0.1	0.3	1.6	26.9	0.8	02 1	14 1	06 1
MED.	18.3	26.7	20.1	21.3	27.5	16.3	15.3	14.2	13.7	14.7	14.3	90	53	85	76	6.6	6.6	2.8	0.7	0.3	4.7	1.9	— —	— —	— —

Total 144.6 m.m.

Edit. Conicaté 25

ESTACION: NARANJAL — RESUMEN MENSUAL Y ANUAL — AÑO: 1.963

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS							Humedad Relativa					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
																											Días		
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Max. Med.	Min. Med.	Max. Abs.	D.	Min. Abs.	D.	Med. Sue.	7	14	20	Med.	Min. Abs.	Max. Abs.	Min	Med	Med.	Solar		7	14	20	Suma	lluv.	Max.	D.
Enero						17.3	26.0	19.3	20.5	27.0	15.2	29.0	3	13.1	28	14.1	92	49	66	76	40	16.9	10.4	13.4	6.4	7.4	1.8	98.9	1.9	45.5	146.8	18	28.0	27
Febro						17.2	25.0	18.8	20.0	26.1	15.5	29.3	15	12.8	14	14.4	94	56	89	80	37	16.8	9.8	13.8	7.2	5.6	1.6	118.7	7.2	28.9	154.8	21	25.1	19
Marzo						17.6	26.1	19.8	20.8	27.2	16.0	29.9	20	14.5	V	14.7	94	56	89	80	38	16.9	11.1	14.6	7.6	5.3	1.6	167.3	26.1	52.9	246.3	23	43.3	16
Abril						17.7	24.1	18.9	19.9	25.9	15.9	29.0	19	13.5	28	14.7	95	65	94	85	40	17.7	10.2	14.7	8.0	4.3	1.3	209.1	3.9	99.8	312.8	24	55.1	11
Mayo						18.1	25.6	19.9	20.9	26.7	16.6	29.3	30	14.5	3	15.6	96	62	90	83	38	17.8	12.0	15.1	8.3	4.5	1.4	390.6	30.5	5.5	426.1	26	54.6	30
Junio						18.5	26.0	20.2	21.2	27.2	16.6	30.5	18	15.3	1	15.5	93	57	88	80	38	18.2	11.7	14.9	7.1	5.6	1.7	256.0	31.8	12.4	310.2	19	71.2	25
Julio						17.7	25.8	19.7	20.7	26.8	16.0	30.0	5	14.0	24	14.8	93	55	86	78	37	16.9	9.7	14.2	7.8	6.5	1.7	236.0	21.5	13.8	298.0	23	52.4	5
Agsto						18.1	26.5	20.3	21.3	27.3	16.2	29.1	4	13.5	3	15.2	92	52	84	76	40	16.9	10.3	14.2	7.0	6.9	1.9	198.9	9.3	23.9	205.4	19	40.2	27
Spbre						17.8	25.2	19.5	20.5	26.8	15.9	28.8	2	14.3	30	14.8	91	58	85	78	40	16.4	11.0	14.0	7.5	4.8	1.9	88.5	7.1	5.0	114.4	17	35.8	25
Ocbre						18.0	25.5	19.3	20.5	26.7	15.8	29.0	11	14.2	2	14.8	92	56	85	78	40	17.5	10.0	14.1	7.2	5.0	1.7	157.4	4.3	9.9	180.4	20	38.3	12
Nvbre						17.2	24.5	18.5	19.7	25.4	15.4	28.8	30	11.0	16	14.4	92	60	90	81	43	16.8	9.9	13.8	7.8	4.5	1.4	224.3	5.8	48.1	273.0	21	43.7	7
Dcbre						18.3	26.7	20.1	21.3	27.5	16.3	30.0	10	14.0	18	15.3	90	53	85	76	40	16.8	11.4	14.3	6.8	6.8	1.9	88.3	23.1	9.8	144.8	16	43.2	16
MED. ANUAL						17.8	25.8	19.5	20.8	26.7	16.0	29.4	—	13.7	—	14.5	93	57	88	79	38	17.1	10.8	14.3	7.3	5.8	1.7	186.8	14.4	29.4	232.7	247	44.2	—

Precipitación total : 2.792.8

Precipitación máxima : 71.2 - 25 - VI

Días lluviosos : 247

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ESTACION: NARANJAL — FRECUENCIA DE PRECIPITACION Y TEMPERATURAS — AÑO: 1.963

MESES	PRECIPITACION																						TEMPERATURAS			
	7 horas					14 horas					20 horas					Total							Min. abajo de 15 ºC	Min. arriba de 17 ºC	Max. abajo de 25 ºC	Max. arriba de 29 ºC
	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	2.5	5.0	más de 10.0	20.0	50.0				
Enero	17	10	4	2	—	2	1	—	—	—	4	4	2	1	—	18	12	10	7	6	3	—	14	2	1	1
Febro	16	13	5	1	—	7	3	—	—	—	9	7	1	—	—	21	17	13	9	6	3	—	9	1	8	1
Marzo	20	17	6	4	—	8	3	1	1	—	10	3	1	1	—	23	21	14	11	8	7	—	6	5	3	2
Abril	16	13	7	4	1	6	2	—	—	—	17	10	4	2	—	24	18	15	11	11	8	1	5	4	7	1
Mayo	23	18	13	8	1	11	6	1	—	—	12	3	—	—	—	26	21	19	18	16	8	1	1	12	6	2
Junio	18	16	8	5	1	7	5	1	—	—	7	4	—	—	—	19	17	14	12	10	6	1	—	13	3	4
Julio	16	13	7	6	—	11	6	—	—	—	11	3	—	—	—	23	18	14	11	8	8	1	5	6	2	2
Agsto	16	14	5	5	—	4	1	—	—	—	10	5	1	—	—	19	14	13	9	7	4	—	3	6	2	3
Spbre	10	7	2	2	—	8	2	—	—	—	8	1	—	—	—	17	11	8	5	3	2	—	6	4	5	—
Ocbre	12	10	7	3	—	8	2	—	—	—	11	3	—	—	—	20	12	8	8	6	3	—	4	2	2	1
Nvbre	18	15	6	6	—	5	2	—	—	—	14	5	1	1	—	21	18	14	11	9	7	—	8	3	11	—
Dcbre	11	5	3	2	—	6	1	1	1	—	7	2	—	—	—	16	7	7	7	5	4	—	3	7	2	4
SUMA ANUAL	193	151	73	48	3	83	34	4	2	—	120	50	10	5	—	247	186	149	119	95	63	4	64	65	52	21

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	6	2	3	6	3	4	2	2	2	—	—	—	—	—	1	1	1	2	3	3	3	2	2	5	20
Febro	6	9	10	7	9	8	7	3	3	4	—	—	3	2	2	5	2	4	4	5	4	2	2	5	22
Marzo	5	4	6	5	9	7	6	5	1	3	2	1	—	1	5	5	3	2	1	3	4	5	3	4	22
Abril	8	9	11	9	9	6	4	4	2	—	—	—	1	3	9	6	5	6	8	5	2	3	4	6	21
Mayo	6	11	11	12	12	9	7	5	5	2	3	2	2	4	3	4	6	—	2	1	4	8	10	6	27
Junio	5	9	13	9	9	7	8	3	3	2	1	1	1	4	3	1	—	2	3	1	2	5	5	3	22
Julio	4	7	7	6	6	10	9	6	4	1	—	1	3	6	2	3	1	3	2	4	6	6	5	5	21
Agsto	4	6	7	11	9	8	6	1	1	1	—	1	1	1	4	1	1	3	2	2	2	2	4	5	24
Spbre	3	3	4	4	4	3	5	1	1	—	—	—	1	6	4	1	2	1	—	2	1	1	3	5	15
Ocbre	5	5	6	5	6	8	6	3	5	—	—	—	—	2	3	2	2	2	2	2	1	3	5	5	19
Nvbre	7	4	9	8	6	7	4	2	1	2	1	2	2	3	3	5	6	3	3	6	8	7	10	8	22
Dcbre	4	6	4	5	2	2	2	5	3	1	1	1	1	2	2	1	3	—	2	1	1	1	2	3	16
SUMA ANUAL	63	75	90	87	84	79	66	40	31	16	8	9	15	34	41	35	32	28	32	35	38	45	55	60	251

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MESES	NUBOSIDAD en décimos		BRILLO SOLAR		NUMERO DE DIAS CON: VIENTOS																											
					7 horas									14 horas								20 horas										
	Bajo 3.0	Más 8.0	Bajo 0.9	Mas 9.0	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C
Enero	1	7	—	8	—	—	4	13	—	—	—	1	13	2	10	1	—	—	1	1	11	5	—	3	1	15	—	2	—	—	10
Febro	1	12	2	6	—	1	1	9	—	1	—	—	16	1	4	2	3	—	—	—	6	12	—	4	—	11	—	—	—	—	13
Marzo	—	15	1	3	—	2	3	16	—	—	—	—	10	—	14	1	4	1	—	1	8	2	—	7	1	15	—	—	—	—	8
Abril	—	18	4	—	3	6	1	7	1	—	1	5	6	3	9	—	5	—	3	—	5	5	—	4	2	7	1	2	—	—	14
Mayo	—	20	5	1	—	8	4	5	—	—	—	1	13	2	10	2	6	2	—	—	7	2	—	7	—	11	—	—	—	—	13
Junio	1	12	2	5	—	4	5	10	—	1	—	—	10	5	13	1	3	—	2	—	3	3	—	6	1	9	—	—	2	4	8
Julio	—	18	1	6	—	6	4	5	—	1	—	3	12	2	10	2	3	2	6	—	3	3	1	7	2	9	—	—	1	1	10
Agsto	—	10	—	7	—	10	1	10	—	—	3	—	7	1	9	—	5	—	3	1	10	2	—	12	—	10	—	4	—	—	5
Spbre	—	13	2	2	—	6	6	11	—	—	2	—	5	2	4	1	6	1	—	1	11	4	—	9	1	15	1	—	—	1	3
Ocbre	—	11	1	—	—	10	3	11	—	1	—	—	6	4	7	1	8	—	1	2	7	11	—	6	3	11	1	1	1	—	8
Nvbre	—	13	4	2	—	8	2	7	—	—	1	—	12	2	6	2	5	—	3	—	8	4	—	8	1	6	1	1	2	2	9
Dcbre	2	6	1	5	—	1	3	14	1	—	—	1	11	—	4	—	1	—	—	—	10	16	—	—	1	16	—	1	—	—	13
SUMA ANUAL	5	155	23	45	3	62	37	118	2	4	7	11	121	24	100	13	49	6	19	6	89	59	1	73	14	135	4	11	6	8	114

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	5	10	18	18	22	21	21	12	11	10	—	20	13	6	3	3	1	—	1	4	5	6	13
Febro	—	5	7	8	11	13	9	11	11	7	8	—	21	13	14	9	4	8	3	4	6	6	11	16
Marzo	—	3	5	9	14	9	13	7	9	7	6	—	28	14	8	5	3	4	6	7	12	12	13	22
Abril	—	5	6	6	16	11	10	6	2	1	2	—	22	16	12	7	5	5	7	9	17	18	20	24
Mayo	—	1	4	9	8	14	9	12	6	5	3	—	26	20	13	10	8	6	8	11	8	11	12	19
Junio	—	7	9	10	14	11	7	9	6	6	6	—	22	16	11	6	2	3	3	6	8	8	10	22
Julio	—	4	10	16	18	16	15	14	11	4	5	—	22	15	8	3	3	1	2	4	5	5	5	16
Agsto	—	3	10	17	17	17	14	13	9	7	5	—	22	15	6	3	—	1	2	3	5	5	6	15
Spbre	—	2	9	9	11	8	7	2	2	6	4	—	25	15	6	4	4	7	10	12	10	9	10	20
Ocbre	—	1	8	13	14	14	13	7	6	4	4	—	30	18	10	4	3	4	4	5	15	13	17	23
Nvbre	—	1	6	9	13	11	11	11	6	5	2	—	23	19	14	9	5	4	5	7	10	14	21	26
Dcbre	—	1	8	14	19	17	19	15	13	7	7	—	29	13	4	2	1	1	2	2	5	8	11	21
SUMA ANUAL	—	38	92	138	173	163	148	128	93	70	62	—	290	187	112	65	41	48	52	71	105	114	142	237

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RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION NARANJAL DE LA PRECIPITACION AÑO 1963

MESES	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
	m.m	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h. min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	146.8	18	7	21	28	50.4	96.4	12:10'	17:15'	29:25'	27.7	1:30'	0.30	6.4	1.3	3:20'	3.2	0.01	0.3	0.1
Febro	154.8	21	21	35	56	40.3	114.5	26:10'	42:35'	68:45'	23.5	3:00'	0.13	5.0	1.0	5:10'	15.0	0.04	2.3	0.4
Marzo	246.3	23	20	26	46	60.1	186.2	15:25'	41:25'	56:50'	42.7	2:25'	0.29	10.0	2.0	6:00'	29.5	0.08	4.6	0.9
Abril	312.8	24	28	33	61	110.7	202.1	25:05'	46:15'	71:20'	51.1	5:50'	0.17	5.0	1.0	5:05'	29.7	0.09	5.3	1.0
Mayo	426.1	26	27	33	60	29.6	396.5	17:15'	69:30'	86:45'	54.6	5:10'	0.16	8.5	1.7	7:20'	15.8	0.03	10.0	2.0
Junio	310.2	19	13	32	45	22.1	288.1	6:20'	58:30'	64:50'	57.0	3:10'	0.30	6.7	1.3	9:20'	29.8	0.05	1.9	0.4
Julio	298.0	23	26	31	57	35.9	262.1	15:10'	53:50'	69:00'	44.7	2:50'	0.26	8.5	1.7	7:50'	21.9	0.04	1.9	0.4
Agsto	205.4	19	15	30	45	24.9	180.5	6:50'	42:05'	48:55'	40.2	4:05'	0.16	4.5	0.9	7:30'	34.6	0.07	4.5	0.9
Spbre	114.4	17	15	19	34	9.9	104.5	8:40'	27:00'	35:40'	35.1	3:40'	0.15	6.5	1.3	5:10'	7.1	0.02	0.3	0.1
Ocbre	160.4	20	17	15	32	15.6	144.8	12:25'	38:10'	50:35'	35.4	4:30'	0.13	5.0	1.0	5:20'	30.2	0.09	4.2	0.8
Nvbre	273.0	21	25	29	54	57.7	215.3	25:00'	46:55'	71:55'	43.0	4:40'	0.15	7.2	1.4	8:30'	36.5	0.07	4.3	0.8
Dcbre	144.6	16	17	20	37	32.8	111.8	12:30'	18:15'	30:45'	42.9	5:05'	0.14	6.5	1.3	5:05'	42.9	0.14	6.5	1.3
TOTALES	2792.8	247	231	324	555	490.0	2302.8	183:00'	501:45'	684:45'	498.0	45:05'	XX	XX	XX	75:40'	296.2	XX	XX	XX

editorial, cenecafé

ESTACION Paraguaycito MES Enero AÑO 1963 φ = 40 24' N λ = 75 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.0	28.4	19.6	21.4	29.0	15.1		13.4	11.7	14.8	13.3	87	40	87	71		6.7	--	--	--	--	0.3			
2	18.0	26.2	20.6	21.3	27.0	16.0		13.8	11.7	15.0	13.5	90	45	83	73		9.5	--	0.1	--	0.1	0.5			
3	17.4	27.2	20.6	21.4	28.1	16.0		13.7	11.8	13.0	12.8	92	43	83	73		9.4	--	--	--	--	1.7			
4	18.2	28.8	21.6	22.5	29.0	16.1		14.0	12.1	16.0	14.0	90	40	82.	71		1.2	--	--	--	--	1.9			
5	19.0	23.6	19.4	20.3	26.0	18.0		14.8	11.7	14.0	13.5	90	52	83	75		8.2	--	--	--	--	0.1			
6	16.2	29.4	19.2	21.0	29.6	14.1		12.7	11.3	15.4	13.1	92	37	93	74		4.9	--	--	0.5	0.8	1.1			
7	16.6	26.6	20.0	20.8	28.8	14.1		13.2	11.3	15.2	13.2	93	43	87	74		7.6	0.3	--	--	--	1.5			
8	17.2	27.4	19.2	20.7	28.0	14.2		13.2	11.8	13.8	12.9	90	42	83	72		6.0	--	--	--	--	1.6			
9	16.6	28.0	21.8	22.0	29.0	15.2		13.3	12.2	14.7	13.4	94	43	75	71		7.7	--	--	--	0.1	2.3			
10	19.2	28.4	19.8	21.8	29.0	18.0		15.0	11.7	11.6	12.8	90	40	90	73		6.7	0.1	--	6.3	13.2	1.4			
11	17.0	25.8	18.8	20.1	26.0	16.1		13.7	12.0	14.6	13.4	94	48	90	77		4.1	6.9	--	0.2	0.2	0.6			
12	16.4	26.8	19.0	20.3	27.1	15.0		12.6	10.5	14.8	12.6	90	40	90	73		0.7	--	--	0.5	0.5	1.4			
13	19.2	26.2	19.0	20.8	28.0	17.0		14.2	11.5	13.6	13.1	86	45	83	71		6.5	--	--	--	--	1.6			
14	17.6	27.8	21.4	22.0	29.0	15.1		13.5	11.1	13.3	12.6	90	40	70	67		9.1	--	--	--	--	1.8			
15	18.8	28.2	20.8	22.1	29.2	17.2		14.0	10.3	14.7	13.0	86	36	80	67		7.4	--	--	--	3.2	2.5			
16	18.4	26.6	20.0	21.2	28.2	17.0		14.2	11.1	14.1	13.1	90	42	80	71		6.1	3.2	15.0	--	16.4	2.6			
17	18.4	26.0	20.2	21.2	28.0	17.2		14.2	11.3	13.7	13.1	90	45	77	71		6.5	1.4	--	--	--	1.9			
18	18.6	28.2	21.8	22.6	30.0	14.2		14.0	11.3	13.6	13.0	87	38	70	65		10.5	--	--	--	--	3.5			
19	18.5	27.2	21.4	22.1	29.0	16.0		11.2	11.1	13.3	11.9	70	40	70	60		6.7	--	--	-	2.3	4.6			
20	18.4	27.0	19.4	21.0	29.0	16.2		11.8	10.6	15.2	12.5	80	39	90	70		7.8	2.3	--	9.6	9.7	3.7			
21	17.4	25.8	18.8	20.2	27.1	16.1		13.3	10.0	13.1	12.1	90	40	80	70		7.9	0.1	--	3.2	3.2	1.3			
22	15.0	27.4	20.0	20.6	28.1	14.4		11.5	11.1	12.2	11.6	90	39	70	66		10.3	--	--	--	--	1.4			
23	15.4	29.0	21.6	21.9	30.0	14.2		11.8	11.9	13.4	12.4	90	38	70	66		9.3	--	--	--	--	2.2			
24	16.0	28.0	19.4	20.7	30.0	15.4		12.3	10.0	12.8	11.7	90	35	76	67		8.6	--	--	0.8	11.1	2.4			
25	17.8	26.8	17.2	19.7	28.0	16.1		13.5	11.1	12.7	12.4	90	42	87	73		6.5	10.3	--	16.2	17.4	0.4			
26	15.8	25.2	19.4	19.9	27.7	14.8		12.1	10.5	13.5	12.0	90	44	80	71		4.7	1.2	--	--	4.9	0.7			
27	17.3	26.1	16.2	18.9	28.8	16.5		13.2	10.0	12.4	11.9	90	40	90	73		3.7	4.9	1.3	21.3	25.1	0.6			
28	15.6	26.6	20.1	20.6	27.0	14.0		11.9	13.0	13.7	12.9	90	50	78	73		8.3	2.5	--	--	--	1.0			
29	16.3	27.7	21.3	21.6	28.8	15.5		12.4	11.5	13.5	12.5	90	42	72	68		8.2	--	--	--	--	1.0			
30	16.8	28.1	21.1	21.8	29.3	16.2		12.1	11.5	14.6	12.7	85	40	78	68		9.2	--	--	--	--	2.3			
31	17.1	27.2	18.3	20.2	30.0	16.0		13.1	11.0	14.0	12.7	90	40	90	73		7.6	--	--	6.4	6.8	2.5			
MED.	17.4	27.2	19.9	21.1	28.4	15.7		13.2	11.3	113.9	12.8	89	41	81	70		7.0	1.1	0.5	2.1	3.7	1.6			

Total 115.0 m.m.

Edit. Comicafé 25

ESTACION Paraguaycito MES Febrero AÑO 1963 φ = 40 24' N λ = 59 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.0	25.4	18.3	19.7	27.0	16.0		13.5	11.1	13.6	12.7	93	46	87	75		6.0	0.4	—	0.5	40.3	2.6			
2	16.4	25.1	19.1	19.9	27.0	16.0		13.2	10.4	13.2	12.3	94	44	80	73		5.4	39.8	—	—	—	3.2			
3	15.0	27.2	19.5	20.3	28.6	14.0		11.6	11.0	14.7	12.4	91	40	87	73		8.5	—	—	—	15.3	3.5			
4	17.2	22.1	18.3	19.0	22.5	16.6		12.5	13.0	14.0	13.2	85	66	90	80		0.3	15.3	4.3	0.1	28.6	0.7			
5	17.1	25.0	19.2	20.1	28.0	16.0		13.1	10.8	13.5	12.5	90	46	81	72		3.9	24.2	—	—	—	4.4			
6	18.0	27.2	19.4	21.0	28.0	12.0		14.0	11.6	15.0	13.5	91	42	89	74		6.9	—	—	—	—	3.0			
7	17.3	27.4	21.2	21.8	29.0	16.0		13.2	11.8	16.2	13.7	90	42	87	73		8.5	—	—	0.2	1.3	1.4			
8	19.0	23.3	20.3	20.7	26.0	17.1		15.2	12.4	14.3	14.0	93	57	80	77		2.4	1.1	0.5	—	0.5	2.3			
9	17.0	25.2	20.0	20.5	27.0	15.1		13.2	12.1	14.2	13.2	91	50	81	74		6.4	—	—	0.3	0.9	3.0			
10	18.2	22.1	19.4	19.8	24.0	17.1		14.3	14.1	14.3	14.2	92	70	85	82		2.3	0.6	4.3	—	7.5	1.6			
11	18.8	25.0	18.4	20.1	25.5	16.8		14.6	11.9	14.2	13.6	90	50	90	77		2.8	3.2	15.8	3.8	35.2	0.3			
12	17.0	24.8	19.8	20.3	25.0	15.1		13.1	12.6	15.1	13.6	90	53	88	77		6.5	15.6	0.3	—	0.3	0.3			
13	15.0	27.2	20.2	20.6	29.5	14.8		11.5	10.8	12.4	11.6	90	38	70	66		10.4	—	—	—	—	1.0			
14	16.2	28.8	21.0	21.7	30.0	15.0		12.4	10.7	13.0	12.0	90	36	70	65		9.7	—	—	—	—	1.4			
15	16.6	27.2	20.0	20.9	29.2	15.5		11.3	10.6	12.8	11.6	80	39	73	64		7.8	—	—	—	—	1.3			
16	18.2	28.2	21.8	22.5	30.0	17.0		13.6	10.3	14.2	12.7	87	36	73	65		3.1	—	—	—	—	1.2			
17	19.2	26.0	19.6	21.1	28.0	18.8		15.0	11.3	15.4	13.9	90	45	90	75		1.0	—	—	15.1	15.1	0.3			
18	18.4	23.0	18.0	19.3	24.0	17.7		14.2	12.6	13.8	13.5	90	60	90	80		0.9	—	—	23.4	26.3	1.2			
19	17.4	19.4	18.2	18.3	23.2	17.0		13.6	14.0	14.0	13.9	90	82	90	87		2.2	2.9	4.9	8.3	15.7	3.2			
20	17.6	23.6	19.2	19.9	24.0	16.4		13.6	10.9	14.4	13.0	90	50	87	76		6.3	2.4	—	—	1.0	0.4			
21	17.8	26.2	18.0	20.0	28.0	17.0		13.7	10.6	13.8	12.7	90	42	90	74		2.1	1.0	—	10.3	56.4	3.4			
22	17.8	23.4	18.4	19.5	24.0	17.0		13.7	11.5	14.2	13.1	90	53	90	78		4.3	46.1	7.0	7.1	18.6	1.3			
23	17.2	25.4	17.6	19.4	26.0	16.0		13.4	10.2	13.1	12.2	91	42	87	73		4.1	4.5	—	—	—	3.3			
24	18.2	25.2	19.6	20.6	26.2	16.3		12.6	11.2	15.4	13.1	80	47	90	72		8.2	—	—	—	8.8	2.5			
25	17.3	25.3	21.1	21.1	28.0	16.0		13.2	10.1	13.0	12.1	90	42	70	67		8.7	8.8	—	—	—	2.1			
26	18.1	27.4	20.4	21.6	29.0	17.0		13.7	9.7	14.0	12.5	88	36	78	67		5.6	—	—	—	23.1	3.0			
27	18.2	25.1	19.2	20.4	25.1	18.0		14.0	10.8	12.9	12.6	90	46	77	71		9.3	23.1	1.2	—	1.2	2.8			
28	17.6	27.2	22.0	22.2	29.0	16.2		13.5	11.0	14.6	13.0	90	45	70	68		9.0	—	—	—	—	3.6			
29																									
30																									
31																									
MED.	17.4	25.3	19.5	20.4	26.9	16.2		13.3	11.5	14.0	12.9	89	48	83	73		5.4	6.8	1.4	2.5	10.6	2.1			

Total 296.1 m.m.

Edit. Canicafé 25

ESTACION Paraguaycito MES Marzo AÑO 1963 φ = 42 24' N λ = 750 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.0	29.0	21.0	22.2	30.0	17.0		13.8	12.1	13.0	13.0	90	38	70	66		8.7	--	--	--	--	2.3			
2	17.0	28.8	21.6	22.2	30.0	16.2		13.1	11.0	14.0	12.7	90	37	73	67		7.4	--	--	--	--	1.4			
3	17.2	28.4	22.2	22.5	30.0	16.2		13.2	12.3	11.8	12.4	90	42	60	64		5.5	--	--	--	--	1.7			
4	18.4	26.2	20.2	21.2	27.0	17.0		14.2	11.3	15.4	13.6	90	45	87	74		7.7	--	--	--	--	1.1			
5	17.2	30.5	19.6	21.7	31.0	16.0		13.2	11.5	14.8	13.2	90	34	87	70		4.2	--	--	12.0	12.0	2.0			
6	16.8	26.2	19.0	20.2	29.0	15.2		12.9	10.3	14.8	12.7	90	41	90	74		7.1	--	--	--	--	1.2			
7	17.4	27.4	21.0	21.7	28.2	16.6		13.3	11.2	13.0	12.5	90	40	70	67		5.4	--	--	--	--	1.3			
8	17.4	26.2	22.4	22.1	27.2	16.0		13.3	12.8	12.8	13.0	90	50	64	68		5.1	--	--	--	6.7	1.4			
9	18.0	24.6	19.2	20.2	25.2	17.2		14.1	13.9	15.0	14.3	92	60	90	81		4.6	6.7	0.2	--	0.2	1.4			
10	18.2	27.8	18.3	20.6	29.0	17.0		14.0	11.7	14.2	13.3	90	42	90	74		8.8	--	--	10.6	10.7	1.2			
11	17.2	27.0	21.3	21.7	27.3	16.0		13.0	11.4	14.2	12.9	89	42	74	68		--	0.1	--	--	--	1.7			
12	19.2	27.0	19.0	21.0	27.2	18.1		15.0	10.9	14.3	13.4	90	41	87	73		3.4	--	--	0.1	0.8	1.4			
13	18.2	26.0	19.2	20.6	27.0	17.0		14.0	10.0	14.4	12.8	90	40	87	72		6.2	0.7	0.1	9.7	9.8	2.5			
14	18.4	27.2	20.4	21.6	27.3	16.0		14.2	13.5	16.0	14.6	90	50	90	77		5.1	--	--	0.5	0.6	1.5			
15	17.4	27.2	22.2	22.2	28.2	16.2		13.3	12.6	13.8	13.2	90	46	70	69		5.3	0.1	--	--	--	1.5			
16	19.0	28.2	18.6	21.1	29.0	18.0		14.8	11.5	14.4	13.6	90	40	90	73		3.2	--	0.1	50.6	50.9	1.1			
17	18.0	26.0	18.8	20.4	26.2	16.0		13.8	12.2	14.6	13.5	90	48	90	76		3.8	0.2	--	3.4	3.7	1.4			
18	18.0	26.4	19.2	20.7	27.0	16.2		13.6	13.0	14.1	13.6	90	50	65	75		5.9	0.3	--	6.6	21.4	1.5			
19	19.2	28.0	20.0	21.8	28.8	17.0		15.0	13.5	14.4	14.3	90	47	83	73		10.1	14.9	--	--	--	1.3			
20	18.6	28.5	21.0	22.3	30.2	17.0		13.7	13.1	15.7	14.2	89	44	85	73		8.3	--	--	2.0	2.0	2.3			
21	19.0	27.4	22.0	22.8	29.0	16.0		13.2	12.1	16.3	13.9	90	44	82	69		4.3	--	--	--	--	2.0			
22	17.0	28.6	21.6	22.2	29.0	16.0		13.1	12.1	15.4	13.5	90	40	80	70		4.2	--	--	--	--	1.7			
23	17.2	27.2	20.6	21.4	28.2	15.2		12.9	12.3	15.0	13.4	88	45	63	72		--	--	--	--	0.3	2.0			
24	18.8	24.0	19.8	20.6	24.2	17.0		14.3	13.6	15.1	14.3	88	61	88	79		3.0	0.3	--	--	--	0.3			
25	18.8	25.8	18.6	20.4	26.2	17.0		13.7	14.5	13.8	14.0	95	58	86	76		3.1	--	--	--	0.1	0.6			
26	18.6	26.0	20.6	21.4	26.2	16.0		14.1	12.7	15.0	13.9	88	50	83	74		7.7	0.1	--	--	--	1.3			
27	18.0	27.3	18.6	20.6	30.0	16.8		14.0	11.6	14.4	13.3	91	42	90	74		4.4	--	--	18.0	18.0	1.5			
28	17.6	27.4	22.2	22.3	27.8	15.0		13.2	13.3	14.0	13.5	88	48	72	69		5.9	--	--	--	0.1	0.2			
29	18.3	25.4	21.4	21.6	27.2	17.8		13.7	9.8	13.3	12.3	86	40	70	66		5.9	0.1	--	--	0.2	0.4			
30	18.4	26.2	20.4	21.3	28.2	17.7		13.7	10.6	14.6	13.0	86	42	81	70		--	0.2	--	--	0.4	1.3			
31	18.6	22.6	18.6	19.6	24.0	18.2		14.1	14.5	14.4	14.3	88	70	90	83		1.7	0.4	--	0.1	0.1	1.2			
MED.	18.0	26.9	20.3	21.4	27.9	16.6		13.7	12.2	14.4	13.4	89	46	82	72		5.1	0.8	--	3.7	4.7	1.4			

Total 139.0 m.m.

ESTACION Paraguaycito MES Abril AÑO 1963 φ = 49° 26' N λ = 75° 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.2	26.0	18.5	20.3	27.0	16.9		14.0	13.9	14.3	14.1	90	55	88	78		4.6	—	—	0.2	0.2	1.1			
2	17.6	22.0	18.2	19.0	26.2	16.0		13.2	14.0	14.0	13.7	88	73	90	84		6.3	—	--	0.1	0.1	1.2			
3	18.3	26.2	19.8	21.0	27.0	16.8		13.3	13.8	14.7	13.9	85	54	85	75		—	—	—	—	0.1	1.3			
4	18.1	20.8	19.2	19.3	22.2	17.8		12.4	12.4	14.2	13.0	80	68	86	78		7.8	0.1	—	—	—	0.2			
5	17.2	29.0	17.8	20.4	29.2	16.2		12.9	12.1	13.2	12.7	98	40	86	71		7.3	—	—	23.0	23.0	1.7			
6	17.8	27.3	19.6	21.1	27.8	17.0		13.2	12.3	14.5	13.3	87	45	85	72		3.3	—	—	—	0.1	2.0			
7	18.8	25.6	19.4	20.8	26.0	18.5		14.2	12.3	14.7	13.7	87	50	88	75		8.7	0.1	—	—	—	0.5			
8	19.0	26.8	20.6	21.7	28.0	16.0		14.5	12.3	14.0	13.6	88	46	77	70		6.2	—	—	—	0.1	2.1			
9	18.0	27.2	21.0	22.0	28.0	16.2		14.3	11.0	12.1	12.5	88	40	65	64		6.4	0.1	—	0.1	0.1	2.3			
10	18.6	28.0	17.2	20.2	29.9	17.6		13.8	11.3	12.7	12.6	86	40	86	71		4.7	—	—	11.2	11.2	1.1			
11	17.4	25.2	21.2	21.5	27.0	15.5		13.0	10.2	13.2	12.1	88	40	70	66		3.5	—	—	—	0.2	1.3			
12	17.9	25.2	18.2	19.9	26.6	17.7		13.4	12.1	13.0	12.8	88	50	83	74		5.7	0.2	--	—	—	1.5			
13	17.8	26.8	19.8	21.0	27.2	17.0		13.2	12.3	15.1	13.5	87	46	88	74		4.2	—	—	—	—	1.1			
14	17.3	25.4	19.6	20.5	27.4	16.8		12.9	11.6	13.7	12.7	88	48	80	72		3.8	--	—	—	—	0.4			
15	18.8	22.0	19.4	19.9	23.0	17.3		13.7	14.4	15.2	14.4	85	73	90	83		4.7	—	0.2	—	0.2	2.0			
16	16.2	26.2	22.6	21.9	27.2	15.0		12.2	12.8	16.4	13.8	88	50	80	73		7.6	—	—	—	--	0.2			
17	19.0	29.0	21.0	22.5	29.6	17.7		13.6	12.1	15.1	13.6	82	40	81	68		0.7	—	—	—	0.1	1.4			
18	19.2	22.6	20.0	20.4	24.0	18.8		14.1	12.3	14.7	13.7	85	60	84	76		6.8	0.1	0.1	—	0.1	0.3			
19	17.4	28.2	20.4	21.6	29.2	16.8		13.3	12.1	14.8	13.4	90	42	82	71		5.4	--	—	—	30.7	1.3			
20	17.6	20.4	19.4	19.2	27.2	17.0		13.2	12.8	14.0	13.3	88	48	82	73		0.4	30.7	—	2.2	7.8	1.0			
21	18.8	24.2	18.4	19.9	24.6	18.0		14.3	12.0	13.9	13.4	88	53	88	76		8.1	5.6	—	—	—	0.2			
22	18.4	27.0	21.4	22.0	29.0	15.0		14.2	12.5	14.9	13.9	90	46	78	71		1.9	--	—	—	—	2.4			
23	18.4	26.4	21.0	21.7	27.2	17.0		13.9	12.0	14.5	13.5	98	48	77	74		2.5	—	--	—	—	1.3			
24	19.6	25.6	20.6	21.6	27.2	18.0		14.8	12.6	15.6	14.3	86	51	86	74		4.0	—	0.2	0.8	16.8	1.2			
25	19.2	25.0	20.0	21.0	26.2	17.0		14.7	12.6	14.4	13.9	88	53	83	75		6.3	15.8	—	—	—	1.2			
26	17.0	26.6	20.8	21.3	27.0	14.0		12.7	111.3	14.9	13.0	88	43	81	71		0.4	—	—	—	—	0.7			
27	21.0	24.4	20.4	21.5	25.3	19.0		15.4	13.7	15.0	14.7	82	60	84	75		2.3	—	—	—	—	0.5			
28	19.8	21.8	19.6	20.2	26.0	19.0		14.2	12.9	14.6	13.9	82	66	86	78		2.1	—	3.2	0.6	20.0	1.1			
29	19.0	26.2	19.0	20.8	26.5	18.0		14.1	11.5	14.8	13.5	86	45	90	74		3.7	16.2	—	3.2	18.3	0.6			
30	17.5	25.4	19.9	20.7	26.0	17.0		13.4	14.2	14.7	14.1	90	58	85	78		8.4	15.1	—	—	—	1.2			
31																									
MED.	18.3	25.4	19.8	20.8	26.8	17.0		13.7	12.4	14.4	13.5	87	51	83	74		4.6	2.8	0.1	1.4	4.3	1.2			

Total 129.1 m.m.

ESTACION Paraguaycito MES Mayo AÑO 1963 φ = 40 24' N λ = 75° 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.6	26.6	20.4	21.5	27.2	16.0		14.4	13.0	14.8	14.1	90	50	93	74		5.2	--	--	--	21.1	1.2			
2	17.4	21.3	18.4	18.9	23.1	16.2		13.0	12.5	13.2	12.9	88	66	83	79		10.0	21.1	--	--	--	0.6			
3	16.6	27.2	19.6	20.7	28.8	14.2		13.0	11.0	13.9	12.6	92	40	81	71		7.0	--	--	--	--	1.6			
4	17.0	27.8	20.2	21.3	28.2	14.0		13.1	12.0	15.2	13.4	90	43	86	73		6.9	--	--	--	12.1	1.4			
5	18.6	27.2	19.6	21.2	27.5	17.0		14.7	12.5	14.6	13.9	92	47	86	75		5.4	12.1	--	--	0.1	1.4			
6	18.0	24.4	18.6	19.9	26.2	17.0		13.6	11.5	13.4	12.8	88	50	83	74		3.6	0.1	--	3.1	3.1	1.0			
7	17.3	26.2	20.6	21.2	27.2	16.0		12.9	11.4	14.0	12.8	88	44	77	70		1.9	--	--	0.1	0.8	0.5			
8	18.3	24.4	18.6	20.0	25.2	18.0		13.7	13.4	13.4	13.5	98	58	84	77		6.0	0.7	--	21.8	28.7	0.5			
9	17.6	27.2	20.6	21.5	28.2	16.6		13.5	13.3	15.2	14.0	90	48	84	74		5.5	6.9	--	--	12.9	1.1			
10	19.8	27.8	19.8	21.8	29.0	18.8		15.6	11.1	14.5	13.7	90	40	84	71		5.8	12.9	--	--	3.1	1.6			
11	18.6	26.4	19.8	21.1	27.2	17.6		14.4	12.0	14.8	13.7	90	46	86	74		6.2	3.1	--	--	--	1.4			
12	18.6	24.4	19.6	20.5	28.0	16.0		14.1	11.0	14.9	13.3	88	48	88	75		2.5	--	--	0.5	1.0	1.4			
13	18.8	25.0	20.2	21.0	26.0	16.2		14.2	13.4	15.1	14.2	97	55	85	76		2.9	0.5	--	--	0.6	0.2			
14	19.4	25.2	19.2	20.7	27.0	17.0		14.7	15.7	14.7	15.0	88	65	88	80		3.7	0.6	--	11.3	24.3	1.0			
15	18.4	25.4	20.4	21.1	26.2	17.0		13.9	11.6	15.3	13.6	88	48	83	74		8.6	13.0	0.8	--	0.8	0.5			
16	16.6	27.2	19.2	21.0	28.1	16.8		13.4	11.8	15.3	13.5	83	43	92	73		5.7	--	--	41.4	41.4	1.2			
17	18.0	22.2	20.6	20.3	27.0	15.0		13.7	14.1	15.6	14.5	89	68	86	81		5.2	--	--	--	0.1	0.4			
18	18.0	27.6	21.4	22.1	28.0	16.0		13.8	12.1	14.7	13.5	90	44	77	70		3.7	0.1	--	--	--	1.8			
19	18.8	25.4	20.8	21.4	27.0	16.0		14.2	14.6	14.7	14.5	87	61	80	76		5.7	--	--	--	--	0.7			
20	19.4	27.4	21.8	22.6	29.2	17.0		14.7	11.8	17.0	14.5	86	42	87	72		5.6	--	--	--	--	1.4			
21	19.4	27.2	21.8	22.5	28.0	17.0		15.3	11.8	16.4	14.5	91	43	83	72		11.1	--	--	--	--	0.6			
22	19.2	27.6	21.4	22.4	30.0	15.2		13.3	13.5	15.3	14.0	80	48	80	69		7.4	--	--	--	--	2.4			
23	19.2	29.2	23.2	23.4	30.0	16.0		13.1	12.7	15.0	13.6	78	41	70	63		1.1	--	--	--	--	2.3			
24	19.8	25.8	20.3	21.8	27.0	17.0		13.9	11.6	16.1	13.9	80	47	88	72		1.6	--	--	--	--	0.6			
25	19.8	25.6	21.6	22.1	26.2	17.0		15.1	14.3	16.5	15.3	88	58	86	77		7.7	--	--	--	--	0.6			
26	20.6	27.4	20.6	22.5	29.0	16.2		15.0	13.5	15.6	14.7	82	50	86	76		7.7	--	0.3	--	0.3	2.6			
27	19.2	27.1	21.2	22.2	28.0	16.1		14.3	11.6	13.7	13.2	88	43	73	68		6.6	--	--	--	--	2.0			
28	19.4	27.2	22.1	22.7	28.0	18.0		14.7	13.3	15.5	14.5	88	48	78	71		7.8	--	--	--	--	2.0			
29	20.0	27.2	21.0	22.3	27.4	18.1		15.3	13.3	14.6	14.4	88	48	78	71		6.8	--	--	--	--	2.2			
30	20.6	29.2	22.2	23.3	30.0	17.0		15.6	13.3	17.2	15.4	86	43	85	71		5.7	--	--	--	37.0	2.4			
31	18.0	27.8	20.0	21.4	28.0	17.5		13.6	13.0	14.9	13.8	88	46	85	73		0.4	37.0	--	--	--	1.4			
MED.	1817	26.4	20.5	21.5	27.6	16.6		14.1	12.6	15.0	13.9	87	49	83	73		5.7	3.5	--	2.5	6.0	1.3			

ESTACION Paraguaycito MES Junio AÑO 1963 φ = 40° 26' N λ = 75° 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.6	27.6	22.2	22.6	28.8	14.0		14.1	12.4	16.6	14.4	88	45	83	72		5.5	—	—	0.9	0.9	1.3			
2	19.2	28.2	21.2	22.7	29.9	16.8		15.0	13.0	15.6	14.5	90	42	83	72		5.3	—	—	0.2	0.2	1.4			
3	19.6	25.6	21.0	21.8	28.0	18.0		15.4	10.4	15.9	13.9	90	48	86	75		3.7	—	—	0.7	0.7	0.6			
4	19.2	26.8	21.2	22.1	27.3	18.0		15.0	13.2	16.1	14.8	90	50	86	75		5.7	—	—	—	—	1.2			
5	18.2	26.8	21.2	21.8	27.5	17.0		14.0	13.2	15.3	14.2	90	48	81	73		9.5	—	—	—	—	1.4			
6	19.2	28.2	23.0	23.3	30.0	18.0		14.7	14.3	11.7	13.6	88	46	55	63		9.9	—	—	—	—	2.4			
7	18.0	29.0	22.6	23.0	30.5	17.3		12.9	12.1	14.2	13.1	83	40	78	67		8.4	—	—	—	—	2.5			
8	20.0	28.6	22.2	23.2	30.0	18.9		14.4	11.9	13.9	13.4	93	40	70	68		4.5	—	—	—	—	2.4			
9	19.9	27.6	19.2	21.5	28.0	18.8		15.6	13.9	15.1	14.9	90	50	91	77		4.1	—	0.1	11.9	14.6	2.0			
10	20.0	25.8	20.0	21.4	27.2	17.0		15.6	11.4	14.7	13.9	90	46	84	73		—	2.6	0.7	—	14.0	1.2			
11	18.1	21.1	18.3	20.4	22.1	16.1		13.7	14.0	13.2	13.6	88	74	83	82		3.3	13.3	1.6	5.4	12.0	0.3			
12	17.0	24.2	18.2	19.4	25.0	15.1		13.5	12.3	13.0	12.9	93	54	83	77		7.8	5.0	—	—	—	1.4			
13	18.0	23.5	18.8	19.8	24.2	17.0		12.9	12.5	14.3	13.2	83	48	88	73		2.6	—	0.7	—	1.7	0.5			
14	18.6	25.5	20.6	21.3	26.5	16.0		14.4	10.4	15.0	13.4	90	45	83	73		6.9	1.0	0.2	—	9.5	1.3			
15	17.5	26.5	18.2	20.1	26.0	17.0		13.4	10.3	14.0	12.6	90	40	90	73		4.5	9.3	—	2.1	2.8	1.3			
16	18.8	26.8	20.2	21.5	28.2	15.0		14.6	10.5	14.6	13.2	90	40	83	71		11.0	0.7	0.1	1.1	9.7	1.5			
17	17.4	26.6	19.6	20.3	27.0	14.0		13.0	10.3	14.2	12.5	88	45	83	72		10.1	8.5	—	0.1	0.1	0.4			
18	16.4	26.6	22.2	22.3	30.0	14.0		12.6	12.8	13.9	13.1	90	42	70	67		6.7	—	—	—	—	2.2			
19	18.6	29.4	21.6	22.8	30.3	16.0		14.1	12.3	15.8	14.1	88	40	82	70		6.8	—	—	—	—	2.4			
20	18.8	27.0	20.0	21.4	28.0	17.0		14.3	12.6	14.4	13.8	88	44	83	72		10.6	—	—	—	—	1.7			
21	18.0	29.0	20.8	22.1	30.0	14.8		13.4	11.1	11.1	11.9	88	37	60	62		8.9	—	—	—	—	2.5			
22	16.6	28.6	20.2	21.4	29.0	13.2		12.8	11.9	12.8	12.5	90	40	73	68		6.6	—	—	—	—	2.3			
23	17.2	27.2	20.2	21.2	28.0	14.0		12.7	13.3	14.6	13.5	86	48	83	72		0.7	—	—	—	—	1.3			
24	18.0	26.3	21.0	21.6	27.0	15.1		13.6	12.4	15.7	13.9	88	48	85	74		5.6	—	—	—	—	2.0			
25	18.2	25.0	20.4	21.0	27.2	16.6		13.7	12.5	13.5	13.2	88	52	75	72		6.9	—	—	—	—	2.3			
26	19.0	26.3	20.2	21.9	29.0	17.0		14.5	13.6	13.8	14.0	88	47	78	71		5.7	—	—	—	—	2.3			
27	17.2	27.8	20.0	21.2	28.0	16.8		13.4	11.1	14.2	12.9	91	40	81	71		2.6	—	—	—	—	1.8			
28	19.6	25.8	20.8	21.7	28.0	18.5		14.8	12.0	15.2	14.0	97	48	82	72		6.7	—	—	—	—	2.3			
29	18.8	27.6	20.8	22.0	28.2	18.2		14.6	11.1	15.2	13.6	90	42	83	72		5.1	—	—	—	—	2.2			
30	19.6	26.0	20.0	21.4	27.0	18.0		14.1	11.3	15.3	13.6	88	45	88	74		7.5	—	—	—	—	1.5			
31																									
MED.	18.4	26.8	20.5	21.6	27.9	16.4		14.0	12.2	14.4	13.5	89	46	80	72		6.1	1.3	0.1	0.7	2.2	1.6			

Total 66.2 m.m.

ESTACION Paraguaycito MES Julio AÑO 1963 φ = 40 24' N λ = 750 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.2	26.8	20.8	22.4	30.0	18.0		14.4	12.1	15.2	13.9	87	40	83	70		5.4	--	--	--	--	1.6			
2	19.8	26.8	20.2	21.7	28.0	18.2		15.7	11.2	13.8	13.6	91	42	78	70		9.5	--	--	--	--	1.4			
3	17.2	27.8	20.6	21.5	29.2	16.0		13.2	11.7	14.2	13.0	90	42	78	70		6.6	--	--	4.7	4.7	2.4			
4	16.8	26.8	21.8	21.8	29.0	16.2		13.1	12.0	15.3	13.5	91	45	78	71		5.8	--	--	--	--	1.6			
5	18.0	29.6	20.6	22.2	30.0	16.2		14.0	12.3	15.8	14.0	91	39	87	72		4.7	--	--	--	--	1.7			
6	19.2	27.8	20.4	21.9	28.0	18.2		15.3	10.1	14.8	13.4	92	36	83	70		8.1	--	0.6	--	0.6	2.0			
7	18.8	29.0	19.8	21.8	29.2	17.0		14.3	13.1	15.1	14.2	88	43	88	73		4.2	--	--	--	--	1.8			
8	19.0	27.4	20.2	21.7	27.6	17.0		13.6	12.1	15.5	13.7	83	44	88	72		5.3	--	--	2.9	2.9	1.2			
9	18.6	27.8	20.0	21.6	28.2	17.3		14.1	11.1	15.3	13.5	88	40	88	72		3.1	--	--	2.0	2.3	1.4			
10	19.0	25.0	18.2	20.1	26.0	18.2		14.1	12.6	14.0	13.6	86	53	90	76		0.7	0.3	0.7	1.5	13.1	0.6			
11	17.4	23.4	19.8	20.1	24.0	17.0		13.6	12.0	15.1	13.6	91	55	88	78		5.8	10.9	--	0.1	0.1	0.4			
12	18.0	25.2	21.2	21.4	26.2	17.0		13.8	12.4	13.3	13.2	90	51	71	71		7.1	--	0.1	--	1.0	1.3			
13	17.4	25.8	19.8	20.7	27.0	16.2		12.4	10.9	13.2	12.2	93	44	76	68		7.7	0.9	--	--	--	1.2			
14	17.6	27.2	21.8	22.1	28.0	15.2		13.5	11.0	16.4	13.6	90	40	83	71		2.4	--	0.3	--	1.8	1.4			
15	17.6	24.0	18.2	19.5	26.2	17.0		13.2	13.5	13.7	13.5	88	60	88	79		7.3	1.7	--	6.2	6.2	0.5			
16	17.2	26.2	20.0	20.8	27.2	16.0		13.7	13.1	14.4	13.7	93	51	83	76		4.7	--	0.1	0.1	5.4	1.2			
17	18.4	25.4	19.4	20.6	26.2	17.1		14.2	11.6	14.0	13.3	90	48	83	74		9.5	5.2	2.7	--	2.7	2.0			
18	18.4	28.2	21.2	22.2	29.2	16.2		13.9	10.6	14.7	13.1	88	37	78	68		2.2	--	--	--	--	2.0			
19	19.1	25.0	16.8	19.4	26.6	17.0		14.5	11.4	12.1	12.7	88	48	88	75		10.1	--	--	24.5	24.5	1.0			
20	16.6	26.8	19.6	20.6	28.2	14.0		12.3	10.5	14.6	12.5	87	40	86	71		6.6	--	--	--	1.1	1.3			
21	18.0	25.4	20.4	21.0	27.2	17.0		13.8	11.6	14.8	13.4	90	48	83	74		4.8	1.1	--	--	2.4	1.3			
22	19.6	26.2	19.6	21.2	27.0	18.0		15.2	11.1	14.2	13.5	89	43	83	72		6.2	2.4	--	0.5	0.5	1.1			
23	16.4	26.4	22.0	21.7	27.0	15.2		12.3	12.0	15.5	13.3	88	46	78	71		9.8	--	--	--	--	1.5			
24	15.2	30.6	19.6	21.2	31.0	13.2		11.5	9.8	8.8	10.0	88	30	51	56		10.2	--	--	--	--	2.1			
25	14.6	29.6	21.4	21.7	30.0	14.0		9.7	10.9	12.6	11.1	78	35	66	60		9.3	--	--	--	--	1.9			
26	16.2	27.8	20.6	21.3	29.0	14.0		11.9	11.1	12.9	12.0	86	40	71	66		8.6	--	--	--	--	1.3			
27	16.0	26.4	19.6	20.4	27.2	15.0		11.7	10.2	12.1	11.3	86	40	71	66		7.6	--	0.3	--	0.3	1.5			
28	17.0	27.2	22.1	22.1	28.0	15.0		11.6	11.6	13.8	12.3	80	42	70	64		6.5	--	--	--	0.1	1.4			
29	18.4	28.0	20.3	21.7	29.1	17.0		13.9	12.2	15.5	13.9	88	43	88	73		6.7	0.1	--	--	0.8	0.5			
30	17.4	28.4	20.7	21.8	29.1	16.1		13.3	11.7	14.0	13.0	90	40	78	69		3.5	0.8	--	--	0.1	2.0			
31	18.3	25.6	19.4	20.7	27.2	17.0		13.6	13.4	13.2	13.4	87	54	78	73		3.3	0.1	0.1	7.0	8.9	0.2			
MED.	17.7	26.9	20.2	21.2	27.9	16.3		13.4	11.6	14.1	13.1	88	44	80	71		6.2	0.8	0.2	1.6	2.6	1.4			

Total 79.5 m.m.

ESTACION Paraguaycito MES Agosto AÑO 1953 φ = 22 26' N λ = 59 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.0	25.4	18.6	20.1	26.2	16.6		13.8	11.6	13.8	13.1	90	48	86	75		4.2	1.8	0.2	8.7	20.8	0.2			
2	16.8	23.4	18.4	19.2	26.0	15.2		12.9	11.1	13.0	12.3	90	51	82	74		8.6	11.9	--	--	--	0.4			
3	15.0	27.9	20.4	20.9	28.2	13.6		11.7	11.1	14.0	12.3	92	40	78	70		10.2	--	--	--	--	1.3			
4	17.6	29.0	22.0	22.6	30.0	16.2		13.5	12.1	15.0	13.5	90	40	76	69		1.2	--	--	--	8.3	1.6			
5	19.4	23.6	21.4	21.4	25.6	17.5		15.2	14.5	15.3	15.0	90	66	80	79		4.0	6.3	--	--	--	0.5			
6	18.4	24.2	22.0	21.6	28.0	17.2		14.4	13.5	15.0	14.3	91	60	76	76		8.1	--	0.1	--	0.1	0.4			
7	18.6	27.0	21.6	22.2	29.0	16.0		13.9	15.0	11.6	13.5	80	56	60	65		5.2	--	--	--	--	2.5			
8	19.0	26.2	20.6	21.6	27.0	16.2		14.8	12.4	15.0	14.1	90	48	83	74		5.2	--	--	--	0.5	0.5			
9	18.8	27.2	21.2	22.1	28.3	17.0		14.6	11.8	15.1	13.8	90	43	80	71		6.8	0.5	--	--	--	1.4			
10	18.0	27.0	22.2	22.3	28.8	16.2		14.1	11.4	15.9	13.8	92	42	80	71		9.4	--	--	--	--	1.2			
11	18.6	29.9	22.4	23.3	31.2	17.6		14.4	12.5	14.5	13.8	90	40	71	67		8.1	--	--	--	--	2.1			
12	17.4	28.1	21.4	22.1	29.0	15.1		13.0	12.2	14.0	13.1	88	43	73	68		8.0	--	--	--	--	2.0			
13	19.9	30.0	22.1	23.5	31.6	18.0		15.1	12.7	14.4	14.1	88	40	73	67		8.3	--	--	--	--	2.3			
14	19.3	29.3	20.0	22.1	31.2	16.1		14.7	13.3	15.3	14.4	88	43	88	73		5.5	--	--	0.2	2.0	2.2			
15	18.6	25.8	20.4	21.3	29.0	16.2		14.5	12.0	14.8	13.8	91	48	83	74		6.6	1.8	0.4	--	0.4	0.4			
16	20.0	29.0	22.6	23.5	30.0	16.2		13.1	10.5	10.8	11.5	75	35	52	54		5.7	--	--	--	--	3.0			
17	19.2	28.6	21.4	22.6	31.2	15.0		11.9	9.5	12.6	11.3	72	32	66	57		7.7	--	--	--	--	3.3			
18	16.6	28.3	18.6	20.5	29.2	13.2		11.6	10.0	13.5	11.7	85	35	85	68		5.1	--	--	0.1	0.1	1.4			
19	18.2	26.8	19.2	20.8	28.0	15.0		12.6	11.0	14.1	12.6	80	42	85	69		3.0	--	--	15.0	15.0	1.3			
20	18.2	25.2	18.8	20.2	27.3	16.0		14.0	12.1	15.4	13.8	90	50	94	78		5.6	1.0	--	3.1	3.1	0.5			
21	18.2	26.0	21.4	21.7	27.2	15.2		13.6	12.7	15.3	13.9	86	50	80	72		6.8	-	--	--	--	0.8			
22	17.9	27.2	21.0	21.3	29.9	15.0		13.3	12.9	14.9	13.7	90	44	90	71		5.0	--	--	--	--	1.2			
23	19.2	23.6	20.2	20.8	26.0	16.0		15.0	15.4	15.1	15.2	90	70	85	82		6.3	--	4.6	--	5.0	1.2			
24	19.0	25.0	20.8	21.4	27.2	16.0		14.5	11.9	13.8	13.4	89	50	74	71		8.1	0.4	0.1	--	0.1	1.4			
25	17.0	28.0	21.0	21.7	30.0	14.0		13.4	11.9	15.7	13.7	92	42	85	73		7.1	--	--	--	--	1.3			
26	18.0	30.1	22.4	23.2	31.0	16.0		13.4	12.1	14.3	13.3	86	38	70	65		6.5	--	--	--	--	1.0			
27	19.4	26.4	21.4	22.1	28.0	17.0		13.5	11.7	13.3	12.8	80	45	70	65		9.1	--	--	--	0.2	1.3			
28	19.1	29.0	22.0	23.0	30.8	17.0		14.1	10.5	13.6	12.8	85	35	70	63		9.4	0.2	--	--	--	3.0			
29	17.6	30.4	22.0	23.0	31.0	14.0		13.8	11.4	14.9	13.4	92	35	75	67		9.2	--	--	--	--	3.1			
30	18.4	30.6	22.0	23.2	31.4	15.0		13.9	10.8	13.7	12.8	88	33	89	63		2.4	--	--	--	--	2.4			
31	19.2	27.8	21.8	22.6	28.0	16.2		14.8	13.3	14.1	14.1	89	47	72	69		7.2	--	--	--	--	1.3			
MED.	18.3	27.2	21.0	21.9	28.9	15.8		13.8	12.1	14.2	13.4	87	45	77	70		6.6	0.8	0.2	0.9	1.8	1.5			

Total 54.6 m.m.

ESTACION Paraguaycito MES Septiembre AÑO 1963 φ = 49° 24' N λ = 75° 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.8	28.4	21.2	22.6	30.8	15.2		15.4	11.7	13.2	13.4	89	40	70	66		7.6	—	—	—	—	2.4			
2	19.5	27.6	21.0	22.3	30.0	14.0		13.3	13.6	11.9	11.9	76	38	64	59		9.4	—	—	—	—	2.2			
3	19.0	32.4	21.6	23.6	33.2	15.2		13.9	11.4	12.2	12.5	95	31	64	60		7.3	—	—	—	—	3.4			
4	17.0	28.4	21.6	22.1	30.0	14.0		13.1	11.0	14.4	12.8	90	38	74	67		7.4	—	—	—	—	1.6			
5	18.6	29.2	21.4	22.6	30.0	16.2		14.4	10.7	14.4	13.2	90	35	75	67		4.7	—	—	—	—	2.0			
6	18.2	26.2	20.0	21.1	27.0	15.0		14.0	11.5	13.1	12.9	90	45	75	70		2.7	—	—	—	—	1.3			
7	18.6	25.6	22.2	22.1	26.2	15.2		14.4	12.3	14.1	13.6	90	50	70	70		2.6	—	—	—	—	0.8			
8	20.0	25.0	20.6	21.5	27.0	16.0		14.1	13.1	14.5	13.9	80	55	80	72		6.1	—	—	—	—	0.6			
9	17.6	29.4	22.2	22.8	30.0	15.5		14.4	10.7	14.1	13.1	95	35	70	67		2.3	—	—	—	—	2.0			
10	18.1	26.6	21.1	21.7	28.0	16.1		13.8	11.9	14.0	13.2	90	45	75	70		3.2	—	—	—	—	1.3			
11	20.0	25.2	20.2	21.4	28.0	15.0		14.9	14.4	12.4	13.9	85	60	70	72		4.2	—	—	—	1.3	0.3			
12	18.2	26.2	20.0	21.1	28.0	16.0		14.0	11.5	14.9	13.5	90	45	85	73		5.2	1.3	—	0.3	0.3	0.1			
13	18.1	28.0	21.4	22.2	29.0	15.0		13.9	10.0	14.4	12.8	90	35	75	67		6.0	—	—	0.2	0.2	1.5			
14	19.2	28.4	17.6	20.7	30.8	15.0		14.1	11.7	14.4	13.4	85	40	95	73		5.7	—	—	—	—	1.5			
15	17.4	23.2	18.2	20.7	29.6	14.0		13.3	10.7	14.9	13.0	90	35	95	73		8.3	—	—	0.5	0.5	1.2			
16	15.4	30.0	21.2	21.9	30.8	12.1		12.5	11.1	13.2	12.3	95	35	70	67		0.9	—	—	—	—	1.6			
17	19.0	26.4	19.2	20.9	27.0	16.1		13.9	11.7	15.0	13.5	85	45	90	73		1.7	—	0.1	—	0.1	1.0			
18	17.6	26.6	20.2	21.1	26.9	15.0		13.5	11.9	15.9	13.8	90	45	90	75		3.9	—	—	1.5	4.4	2.1			
19	18.5	26.6	20.2	21.4	27.2	16.5		14.3	11.9	15.1	13.8	90	45	85	73		4.2	2.9	—	—	—	0.6			
20	18.0	26.0	20.2	21.1	26.7	16.0		13.8	11.3	15.9	13.7	90	45	90	75		4.0	—	—	2.3	2.3	1.2			
21	17.4	29.2	20.0	21.6	30.0	15.0		13.3	10.7	14.9	13.0	90	35	85	70		2.5	—	—	0.4	3.2	1.4			
22	18.4	25.4	21.2	21.5	25.6	15.0		14.2	12.3	14.2	13.6	90	50	75	72		8.5	2.8	0.2	—	0.2	0.6			
23	18.2	27.2	21.4	22.0	27.6	16.3		14.0	12.3	14.4	13.6	90	40	75	68		7.3	—	0.1	—	0.1	0.3			
24	18.3	29.3	19.2	21.5	29.6	15.0		14.0	12.2	15.0	13.7	90	40	90	73		3.0	—	—	25.0	25.6	2.2			
25	19.2	26.0	20.2	21.4	26.6	16.2		15.0	11.3	14.3	13.5	90	45	80	72		4.3	0.6	—	—	12.4	2.7			
26	18.6	26.0	21.0	21.6	26.6	16.5		15.2	10.6	14.9	13.6	94	40	80	71		9.0	12.4	—	—	—	1.7			
27	19.2	29.0	20.4	22.2	29.7	17.0		14.1	13.7	14.5	14.1	85	45	80	70		7.9	—	—	—	—	1.4			
28	18.4	29.6	20.6	22.3	30.3	15.6		13.5	10.5	14.5	12.8	85	35	80	67		4.4	—	—	0.2	2.1	2.4			
29	18.4	25.4	17.8	20.1	27.2	16.2		14.2	15.5	14.7	14.8	90	60	96	82		8.4	1.9	—	2.6	2.6	0.5			
30	17.4	28.2	18.4	20.6	29.0	16.1		11.9	11.5	12.8	12.1	80	40	80	67		4.7	—	—	—	3.2	2.3			
31																									
MED.	18.4	27.6	20.4	21.7	28.6	15.5		14.0	11.7	14.2	13.3	88	42	79	70		5.3	0.7	—	1.1	2.0	1.4			

Total 58.5 m.m.

ESTACION Paraguaycito MES Octubre AÑO 1963 φ = 40° 24' N λ = 75° 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.6	26.2	18.0	19.4	26.4	15.2		14.4	12.6	13.4	13.5	95	55	87	79		8.5	3.2	0.2	—	0.2	0.4			
2	17.6	29.6	21.2	22.4	31.0	13.0		12.1	10.3	12.3	11.6	80	33	65	59		9.0	—	—	—	1.5	1.1			
3	18.2	28.6	20.2	21.8	30.8	15.2		14.0	11.9	14.3	13.4	90	40	80	70		8.4	1.5	—	3.7	3.7	2.2			
4	20.0	29.9	20.8	22.9	30.8	15.0		15.8	12.5	15.5	14.6	90	40	85	72		8.0	—	—	—	—	0.2			
5	18.2	29.0	18.4	21.0	30.0	17.0		14.0	12.1	15.0	13.7	90	40	94	75		9.1	—	—	16.4	17.9	1.5			
6	18.2	28.6	20.8	22.1	30.0	14.0		14.9	11.9	14.7	13.8	95	40	80	72		1.6	1.5	—	—	—	1.4			
7	19.0	26.4	18.3	20.5	27.0	16.0		13.9	11.7	14.9	13.5	85	45	95	75		4.2	—	—	13.7	13.7	1.0			
8	18.2	23.0	19.3	19.9	26.0	14.0		14.0	13.8	13.3	13.7	90	85	80	78		3.9	—	0.2	0.1	0.3	1.0			
9	19.0	26.3	21.4	22.0	28.2	17.0		14.8	11.5	15.6	14.0	90	45	82	72		7.5	—	—	—	—	1.8			
10	18.6	28.0	20.4	22.8	29.3	14.0		14.4	12.8	14.5	13.9	90	45	80	72		8.7	—	0.1	—	0.1	1.6			
11	18.4	29.2	18.2	21.0	30.6	15.0		12.8	13.7	14.0	13.5	80	35	90	68		5.7	—	—	12.1	12.1	1.4			
12	18.2	23.6	20.8	20.8	27.2	15.0		14.8	15.4	15.5	15.2	94	70	85	83		0.9	—	—	0.3	1.0	1.2			
13	19.4	24.6	19.4	20.7	25.4	16.2		15.2	11.7	14.4	13.8	90	50	86	75		8.4	0.7	0.2	—	0.2	1.5			
14	16.2	28.4	19.2	20.7	29.0	14.2		11.4	11.7	15.4	12.8	90	40	93	74		1.6	—	—	4.5	15.6	1.5			
15	18.6	22.2	18.5	19.4	24.2	16.2		15.5	14.1	14.7	14.8	96	70	93	86		7.7	11.1	—	—	—	0.1			
16	18.2	28.4	20.4	21.8	28.6	15.2		14.8	13.2	14.5	14.2	94	45	80	73		5.3	—	—	—	—	2.3			
17	18.8	27.6	17.6	20.4	28.0	16.0		14.9	12.2	12.8	13.3	92	45	85	74		2.8	—	—	47.9	49.8	1.1			
18	17.4	28.0	19.2	20.9	28.6	14.0		14.6	12.8	15.9	14.4	98	45	85	76		9.6	1.9	—	1.7	1.7	0.1			
19	20.4	28.2	20.6	22.4	29.2	14.2		15.3	11.5	15.3	14.0	85	40	85	70		2.2	—	—	0.2	0.2	2.2			
20	18.5	25.0	18.6	20.2	25.4	15.6		15.1	13.1	15.5	14.6	94	55	96	82		9.5	—	—	—	—	0.3			
21	17.6	28.1	21.2	22.0	29.1	14.0		12.1	11.3	15.6	13.0	80	40	83	68		5.2	—	—	—	—	2.0			
22	20.0	28.0	19.5	21.7	29.0	15.6		14.9	11.3	13.6	13.3	85	40	80	68		3.8	—	—	—	—	2.0			
23	16.6	27.0	19.1	20.4	28.2	14.1		13.0	12.2	13.9	13.0	92	45	85	74		4.7	—	—	17.5	19.0	1.3			
24	18.2	26.2	19.6	20.9	27.2	15.5		15.1	10.2	14.9	13.4	96	40	88	75		7.1	1.5	—	—	2.3	1.3			
25	18.2	27.7	19.9	21.4	28.2	16.2		14.3	12.1	16.0	14.1	92	40	93	75		7.2	2.3	—	4.9	9.4	0.1			
26	18.8	28.6	21.6	22.6	29.4	16.2		15.7	13.5	15.4	14.9	96	45	80	74		6.4	4.5	—	—	—	1.6			
27	18.0	29.4	20.0	21.8	30.0	15.8		14.1	14.0	14.4	14.2	92	45	83	73		5.7	—	0.1	—	0.1	0.4			
28	16.0	28.4	19.9	21.0	29.0	14.3		10.8	13.2	12.2	12.1	80	45	65	63		8.5	—	—	0.1	30.5	1.7			
29	18.4	27.4	21.0	21.9	29.2	16.2		15.3	11.2	15.4	14.0	96	40	83	73		2.8	30.4	—	—	—	1.2			
30	18.2	23.5	19.8	20.3	26.2	15.0		15.4	15.3	15.6	15.4	98	70	87	85		—	—	0.2	—	17.2	0.5			
31	18.4	25.0	18.6	20.1	26.3	17.0		15.3	11.9	15.2	14.1	96	50	94	80		1.0	17.0	7.6	5.9	15.9	0.3			
MED.	18.3	27.0	19.7	21.2	28.3	15.2		14.3	12.5	14.6	13.8	91	46	85	74		5.6	2.4	0.3	4.2	6.8	1.2			

Total 712.4 mm

ESTACION Paraguaycito MES Noviembre AÑO 1963 φ = 40 24' N λ = 750 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.4	22.4	19.2	20.1	24.2	15.2		13.5	13.4	15.0	14.0	80	75	90	82		0.1	2.4	0.3	0.1	0.9	0.4			
2	18.6	25.6	20.0	21.0	25.8	17.0		14.6	13.6	15.8	14.7	93	55	90	79		5.2	0.5	—	—	—	0.4			
3	19.2	26.6	19.2	21.0	27.0	16.0		15.4	13.0	15.6	14.7	93	50	94	79		4.8	—	—	3.0	18.4	0.3			
4	18.0	25.4	20.2	20.9	26.6	15.8		14.7	12.3	14.3	13.8	95	50	80	75		3.2	15.4	—	0.1	25.2	1.2			
5	18.0	24.0	19.1	20.0	24.9	15.0		14.9	13.5	15.1	14.5	96	60	92	83		5.7	25.1	—	—	5.5	1.0			
6	16.6	26.3	18.2	19.8	27.0	15.5		13.5	11.5	15.1	13.4	95	45	96	79		6.7	5.5	—	—	—	1.2			
7	18.2	27.3	17.6	20.2	28.2	16.2		14.8	12.3	13.5	13.5	94	45	90	76		6.4	—	—	1.8	28.8	1.1			
8	17.8	25.8	19.6	20.7	26.7	15.0		14.2	12.5	15.4	14.0	93	50	90	78		6.5	23.0	—	—	5.7	0.4			
9	18.4	27.2	18.8	20.8	27.5	16.0		15.6	15.2	15.7	15.5	98	56	96	83		—	5.7	—	1.5	1.5	1.3			
10	16.6	28.2	18.8	20.6	29.0	14.0		13.7	13.3	15.8	14.3	97	46	97	80		4.0	—	—	30.0	57.2	1.2			
11	17.0	19.2	17.6	17.8	21.2	14.2		14.2	15.0	15.2	14.8	98	90	100	96		6.2	27.2	8.7	3.4	12.7	0.0			
12	16.2	23.8	19.2	19.6	24.2	14.6		13.5	13.3	15.9	14.2	98	58	95	84		0.1	0.6	—	0.4	0.4	0.4			
13	17.0	27.4	18.2	20.2	28.5	15.0		13.4	12.4	14.0	13.3	92	45	90	76		0.2	—	—	15.4	40.3	0.2			
14	15.6	20.8	17.8	18.0	23.0	13.5		12.2	14.1	13.0	13.1	92	77	85	85		7.0	24.9	0.1	—	1.6	0.3			
15	14.5	21.2	17.6	17.7	23.4	12.6		11.9	14.5	13.5	13.3	96	77	90	88		5.7	1.5	—	—	—	0.4			
16	16.8	24.6	17.6	19.1	26.2	14.0		13.4	11.7	12.8	12.6	93	50	85	76		10.1	—	—	—	—	1.4			
17	15.0	26.8	20.2	20.5	29.4	13.0		11.0	12.3	12.4	11.9	86	46	70	67		6.8	—	—	—	—	1.2			
18	18.0	27.6	19.4	21.1	28.0	16.2		13.8	13.9	14.4	14.0	90	50	86	75		7.7	—	—	—	—	1.2			
19	17.6	28.6	18.6	20.8	30.0	14.0		14.1	13.5	15.6	14.4	98	45	97	79		3.0	—	—	5.1	5.1	1.6			
20	17.8	25.6	20.2	20.9	25.8	15.0		14.8	14.0	15.9	14.9	97	60	90	82		3.4	—	—	—	—	1.2			
21	17.8	24.0	19.4	20.1	26.4	15.8		14.2	15.3	16.6	15.4	93	70	98	87		4.9	—	—	1.7	16.0	1.4			
22	17.3	27.2	18.4	20.3	27.6	15.6		14.8	15.6	15.1	15.2	100	58	95	84		1.1	14.3	—	2.4	3.9	0.5			
23	17.6	22.0	15.5	18.9	24.0	15.0		14.8	14.9	12.9	14.2	98	75	98	90		5.3	1.5	0.3	17.1	17.6	0.3			
24	16.2	25.0	17.6	19.1	27.0	13.5		13.5	14.2	14.6	14.1	98	60	97	85		4.5	0.2	—	22.8	25.4	0.1			
25	16.4	26.4	19.4	20.4	27.0	14.5		14.1	13.0	14.3	13.8	100	50	85	78		5.0	2.6	—	0.1	0.1	0.4			
26	15.6	26.2	17.3	19.1	26.6	13.2		13.3	14.0	14.8	14.5	100	55	100	85		4.5	—	0.4	6.6	7.0	0.3			
27	17.0	22.0	17.8	18.6	25.7	14.0		14.1	15.8	15.4	15.1	97	80	100	92		8.3	—	0.7	—	0.7	0.4			
28	15.0	27.0	18.6	19.8	28.5	12.0		12.5	12.2	13.5	12.7	98	45	85	76		8.6	—	—	—	—	1.5			
29	15.0	27.8	18.6	20.0	29.2	12.6		12.1	12.5	15.3	13.3	95	45	95	78		8.2	—	—	—	—	0.6			
30	17.6	27.4	18.8	20.6	28.2	14.8		14.2	13.5	15.5	14.4	94	50	95	80		7.2	—	—	—	—	1.1			
31																									
MED.	17.1	25.3	18.6	19.9	26.5	14.6		13.8	13.5	14.7	14.0	95	57	92	81		4.9	5.0	0.4	3.7	9.0	0.8			

ESTACION Paraguaycito MES Diciembre AÑO 19 63 φ = 42 24' N λ = 75° 42' W.GR - ALTURA 1.250 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.8	26.4	19.9	21.2	27.0	15.0		15.4	13.0	14.7	14.4	94	50	85	75		8.5	—	—	—	—	0.6			
2	17.3	27.8	20.6	21.6	28.0	15.4		14.0	15.3	16.2	15.2	95	55	90	80		7.3	—	—	—	—	2.0			
3	18.2	27.2	19.4	21.0	27.6	15.0		15.1	13.5	16.1	14.9	96	50	95	80		6.0	—	—	4.6	28.8	1.0			
4	18.5	26.6	18.6	20.6	26.7	15.4		15.5	15.8	14.4	15.2	97	60	90	82		8.0	24.2	0.3	—	0.3	1.2			
5	16.8	27.6	20.0	21.1	28.4	14.0		13.8	11.1	14.9	13.3	96	40	85	74		9.3	—	—	—	—	0.1			
6	17.0	28.4	21.6	22.1	29.2	15.0		14.0	15.7	15.4	15.0	96	54	80	77		5.4	—	—	—	—	1.4			
7	19.5	26.8	20.4	21.8	27.0	16.0		16.2	14.6	17.0	15.9	95	55	95	82		5.4	—	—	—	—	0.4			
8	18.2	28.2	20.4	21.8	29.0	16.0		14.0	14.4	15.0	14.5	90	50	84	75		6.3	—	—	—	—	0.6			
9	19.2	26.2	18.8	20.8	26.6	16.0		16.2	16.8	15.5	16.2	97	65	95	86		9.8	—	—	0.3	0.3	1.2			
10	18.8	29.2	19.2	21.6	30.0	14.5		16.0	14.4	15.0	15.1	98	47	90	78		3.2	—	0.2	—	0.2	1.2			
11	17.0	25.2	17.8	19.4	26.3	14.6		14.6	14.4	14.2	14.4	100	61	93	85		7.6	—	—	—	—	1.2			
12	17.5	25.0	20.6	20.9	27.3	14.6		15.1	13.1	15.8	14.7	100	55	87	81		3.5	—	—	—	—	1.3			
13	17.8	25.2	17.0	19.2	26.6	15.0		14.8	14.4	14.2	14.5	97	60	98	85		8.4	—	1.6	14.7	16.6	0.5			
14	15.2	27.6	19.2	20.3	28.2	13.0		12.3	12.4	15.0	13.2	95	45	90	77		8.2	0.3	—	—	—	1.2			
15	17.6	27.2	20.2	21.3	27.8	14.0		14.2	12.3	15.9	14.1	98	45	90	78		9.2	—	—	—	13.9	1.2			
16	18.6	27.6	22.0	22.6	28.8	16.0		15.3	12.4	16.3	14.7	95	45	83	74		0.6	13.9	—	5.9	5.9	1.6			
17	16.4	24.0	17.0	18.6	24.2	15.0		14.1	14.6	13.8	14.2	100	65	95	87		10.0	—	—	—	—	0.5			
18	15.8	26.6	19.6	20.4	27.7	13.0		12.9	13.0	16.3	14.1	96	50	95	80		9.0	—	—	0.3	0.3	0.5			
19	17.0	28.8	19.9	21.4	29.0	14.0		14.0	14.9	14.8	14.6	96	50	86	77		9.5	—	—	—	—	0.4			
20	16.6	28.6	21.0	21.8	29.2	14.8		12.8	14.8	16.3	14.6	90	50	88	76		8.9	—	—	—	—	0.5			
21	17.0	27.6	22.0	22.1	29.2	15.0		13.8	15.2	14.9	14.6	95	55	75	75		6.4	—	—	—	—	0.1			
22	17.6	26.2	20.6	21.2	27.2	14.0		14.0	14.9	14.5	14.5	93	60	80	78		7.3	—	—	—	—	0.1			
23	18.0	28.0	20.4	21.7	29.0	15.0		14.9	14.3	16.0	15.1	96	50	90	79		6.1	—	—	—	—	0.1			
24	17.0	28.2	20.6	21.6	28.6	15.0		13.7	14.4	17.2	15.1	94	50	95	80		4.7	—	—	4.6	7.8	0.1			
25	17.8	27.0	19.5	20.9	27.4	15.6		14.6	13.4	15.7	14.6	95	50	93	79		7.3	3.2	—	—	—	0.1			
26	18.8	26.4	20.6	21.6	27.2	16.2		15.7	14.2	16.2	15.4	96	56	90	81		8.4	—	—	—	—	0.2			
27	19.0	28.0	21.0	22.2	29.2	16.0		15.5	13.2	16.7	15.1	94	45	90	76		9.9	—	—	—	—	0.2			
28	17.0	29.0	21.6	22.3	30.3	15.0		13.1	12.1	15.4	13.5	90	40	80	70		3.4	—	—	—	—	0.3			
29	18.2	27.6	20.2	21.5	28.0	15.6		15.1	16.8	16.8	16.2	96	60	95	86		2.2	—	—	2.6	13.1	0.1			
30	18.4	23.6	18.6	19.8	24.0	16.0		16.0	14.4	15.5	15.3	100	65	96	87		4.2	10.5	—	—	—	0.1			
31	18.8	24.2	18.2	19.8	25.9	16.0		16.3	14.8	14.9	15.3	100	65	95	87		5.1	—	—	1.3	36.2	0.1			
MED.	17.7	27.0	19.9	21.1	27.8	15.0		14.6	14.1	15.5	14.7	96	53	89	80		6.7	1.7	0.1	1.1	4.0	0.6			

Total 123.4 m.m.

ESTACION: PARAGUAYCITO RESUMEN MENSUAL Y ANUAL ANO: 1.983

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS						Humedad					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
					Max. Min.		Max.		Min.		Relativa				Min.	Max.	Min	Med.				Días						
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Med.	Med.	Abs.	D.	Abs.	D.	Sue.	7	14	20	Med.	Abs.	Abs.	Abs.		Med.	Solar	ción	7	14	20	Suma	lluv.	Max.	D.
Enero						17.4	27.2	19.9	21.1	28.4	15.7	30.0	V	14.0	28		89	41	81	70	35	16.0	10.0	12.8		7.0	1.7	33.2	16.4	65.0	115.0	16	25.1	27
Febro						17.4	25.3	19.5	20.4	26.9	16.2	30.0	V	12.0	6		89	48	83	73	36	16.2	9.7	12.9		5.4	2.1	189.0	38.3	69.2	296.1	18	56.4	21
Marzo						18.0	26.9	20.3	21.4	27.9	16.6	31.0	5	15.0	28		89	46	82	72	34	16.3	9.8	13.4		5.1	1.4	24.1	0.4	113.5	138.0	18	50.9	16
Abril						18.3	25.4	19.8	20.8	26.8	17.0	29.9	10	14.0	26		87	51	83	74	40	16.4	10.2	13.5		4.6	1.1	84.0	3.7	41.4	129.1	17	30.7	19
Mayo						16.7	26.4	20.5	21.5	27.6	16.6	30.0	V	14.0	4		87	49	83	73	40	17.2	11.0	13.9		5.7	1.3	108.1	1.1	78.2	187.4	16	41.4	16
Junio						18.4	26.8	20.5	21.6	27.9	16.4	30.5	7	13.2	22		89	46	80	72	37	16.6	10.3	13.5		6.1	1.7	40.4	3.4	22.4	66.2	11	14.6	9
Julio						17.7	26.9	20.2	21.2	27.9	16.3	31.0	24	13.2	24		88	44	80	71	30	16.4	9.7	13.1		6.2	1.4	23.5	4.7	49.5	79.5	20	24.5	19
Agsto						18.3	27.2	21.0	21.9	28.9	15.8	31.6	13	13.2	18		87	45	77	70	32	15.0	9.5	13.4		6.6	1.5	23.9	5.4	27.1	56.6	12	20.8	1
Spbre						18.4	27.6	20.4	21.7	28.6	15.5	33.2	3	12.1	16		88	42	79	70	31	15.9	10.0	13.3		5.3	1.5	21.9	0.4	33.0	56.5	15	25.6	24
Ocbre						18.3	27.0	19.7	21.2	28.3	15.2	31.0	2	13.0	2		91	46	85	74	33	16.0	10.2	13.8		5.6	1.2	75.6	8.6	129.0	212.4	21	49.8	17
Nvbre						17.1	25.3	18.6	19.9	26.5	14.6	30.0	19	12.0	20		95	57	92	81	45	10.6	11.0	14.0		4.9	0.8	150.4	10.5	111.5	270.0	20	57.2	10
Dcbre						17.7	27.0	19.9	21.1	27.8	15.0	30.3	28	13.0	V		96	53	89	80	40	17.2	11.1	14.7		6.7	0.6	52.1	2.1	34.3	123.4	11	36.2	31
MED. ANUAL						17.9	26.6	20.0	21.1	27.8	15.9	30.7	—	30.7	--		90	17	83	73	36	16.4	10.2	13.5		5.8	1.4	66.8	7.9	64.5	144.2	195	36.1	--

Precipitación total : 1.730.2

Precipitación máxima : 57.2 - 10 - XI

Días lluviosos : 195

ESTACION: PARAGUAYCITO FRECUENCIA DE PRECIPITACION Y TEMPERATURAS AÑO: 1.963

MESES	PRECIPITACION																						TEMPERATURAS			
	7 horas					14 horas					20 horas					Total							Min. abajo de 15 ºC	Min. arriba de 17 ºC	Max. abajo de 25 ºC	Max. arriba de 30 ºC
	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	200	50.0				
Enero	11	8	1	—	—	3	2	1	—	—	10	6	2	1	—	16	11	10	7	5	1	—	9	6	2	4
Febro	15	13	6	4	—	8	6	1	—	—	10	6	3	1	—	18	15	12	12	10	6	1	4	10	10	2
Marzo	12	2	1	—	—	3	—	—	—	—	11	8	4	1	1	18	9	8	7	5	2	1	1	14	3	6
Abril	10	5	4	1	—	4	1	—	—	—	9	4	2	1	—	17	7	7	7	6	3	—	3	18	8	—
Mayo	12	7	5	2	—	2	—	—	—	—	6	4	3	2	—	16	10	9	7	7	5	—	3	15	3	3
Junio	7	6	1	—	—	6	1	—	—	—	8	4	1	—	—	11	7	6	5	3	—	—	7	15	3	6
Julio	10	5	1	—	—	8	1	—	—	—	10	7	1	1	—	20	13	8	5	2	1	—	6	16	2	4
Agsto	8	5	1	—	—	5	1	—	—	—	5	3	1	—	—	12	6	5	4	2	1	—	8	7	2	11
Spbre	6	5	1	—	—	3	—	—	—	—	9	4	1	1	—	15	9	6	2	2	1	—	11	1	1	10
Ocbre	11	10	3	1	—	7	1	—	—	—	14	10	5	1	—	21	15	11	10	9	2	—	14	3	4	7
Nvbre	15	12	6	4	—	6	1	—	—	—	16	12	4	2	—	20	16	14	13	9	5	1	20	1	10	1
Dcbre	5	4	3	1	—	3	1	—	—	—	8	6	1	—	—	11	7	7	7	5	2	—	19	—	3	2
SUMA ANUAL	122	82	33	13	—	58	15	2	—	—	116	74	28	11	1	195	125	103	86	65	29	3	105	106	51	56

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	1	2	1	2	2	1	1	2	2	1	—	1	—	—	1	—	4	7	6	5	5	4	2	2	16
Febro	5	5	4	7	7	6	8	6	4	2	2	1	1	3	2	1	3	6	8	5	6	5	3	5	18
Marzo	1	1	3	3	2	—	1	—	—	1	—	—	—	2	—	2	2	6	7	5	4	—	—	—	18
Abril	3	3	4	2	1	1	3	—	1	1	—	—	1	2	1	2	6	3	2	2	2	2	2	4	17
Mayo	3	5	3	4	3	3	2	1	2	—	—	—	—	—	2	2	4	4	3	3	4	3	3	6	15
Junio	3	2	3	3	3	2	1	1	1	1	1	—	2	1	3	2	2	2	2	2	2	2	4	3	11
Julio	4	4	4	2	3	2	1	—	2	2	1	1	3	1	4	4	5	6	7	4	4	5	3	4	19
Agsto	—	2	1	2	1	1	1	1	1	—	—	1	1	2	1	2	1	3	4	3	1	2	3	2	13
Spbre	3	3	3	—	—	1	1	1	1	1	—	1	—	—	1	2	5	3	4	3	2	2	3	1	15
Ocbre	5	3	4	3	7	6	5	2	4	—	—	—	1	3	3	2	4	7	5	5	2	2	2	4	25
Nvbre	9	4	4	5	6	5	5	2	—	2	1	1	1	4	7	5	5	6	5	7	8	7	7	8	23
Dcbre	2	1	2	2	2	2	2	—	—	—	—	—	—	3	4	1	1	1	5	4	5	4	3	3	12
SUMA ANUAL	39	35	37	35	37	31	31	16	18	11	5	6	10	21	29	25	42	54	59	48	45	38	35	42	202

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: PARAGUAYCITO DE LA PRECIPITACION AÑO: 1.963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h. min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	115.0	16	15	13	28	84.2	30.8	19:15'	12:00'	31:15'	23.8	3:55'	0.10	5.2	1.0	4:00'	17.4	0.07	3.1	0.6
Febro	296.1	18	22	28	50	93.3	202.8	28:30'	34:45'	63:15'	48.7	4:55'	0.16	4.8	0.8	6:50'	36.2	0.08	2.5	0.5
Marzo	138.0	18	15	11	26	114.5	23.5	17:45'	6:50'	24:35'	50.7	4:10'	0.20	10.7	2.1	4:25	10.7	0.04	1.5	0.3
Abril	129.1	17	17	13	30	60.2	68.9	11:35'	16:30'	28:05'	30.7	4:40'	0.10	4.5	0.9	4:40'	30.7	0.10	4.5	0.9
Mayo	187.4	16	13	22	35	86.9	100.5	13:40'	21:10'	34:50'	41.4	1:25'	0.48	11.0	2.2	3:50'	10.6	0.04	0.8	0.1
Junio	66.2	11	13	13	26	24.2	42.0	10:20'	21:25'	31:45'	11.9	2:00'	0.09	2.0	0.4	4:10'	8.3	0.03	0.6	0.1
Julio	79.5	20	24	20	44	54.2	25.3	20:55'	26:30'	47:25'	24.5	3:15'	0.12	3.3	0.6	4:30'	2.5	0.01	0.2	0.0
Agsto	54.6	12	15	8	23	45.9	8.7	16:40'	4:40'	21:20'	18.4	6:20'	0.04	1.2	0.2	6:20'	18.4	0.04	1.2	0.2
Spbre	58.5	13	14	10	24	34.9	23.6	12:05'	13:50'	25:55'	12.7	0:55'	0.23	5.0	1.0	3:00'	2.6	0.01	0.3	0.1
Ocbre	212.4	21	22	17	39	132.3	80.1	21:50'	25:20'	47:10'	49.8	3:40'	0.22	4.2	0.8	5.05'	30.4	0.09	2.0	0.4
Nvbre	270.0	20	28	24	52	163.2	106.8	43:15'	35:55'	79:10'	27.0	4:40'	0.09	3.0	0.6	8:30'	26.0	0.05	1.5	0.3
Dcbre	123.4	11	14	10	24	53.0	70.4	14:45'	18:45'	33:30'	34.8	4:30'	0.12	5.5	1.1	7.00'	13.2	0.03	1.0	0.2
TOTALES	1730.2	195	212	189	401	946.8	783.4	230:35'	237:40'	468:15'	374.4	44:25'	XX	XX	XX	62:20'	207.0	XX	XX	XX

ESTACION Anolaima MES Enero AÑO 19 63 φ = 4° 45' N λ = 74° 22' W.GR - ALTURA 1.726 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.2	24.1	17.9	19.3	24.6	15.5	13.5	13.2	15.7	13.7	14.2	90	70	90	83	9.7	8.1	—	—	—	—	0.8	14 2	04 2	14 1
2	17.1	18.5	17.4	17.6	20.5	14.5	13.6	12.7	15.1	12.4	13.4	88	94	83	88	10.0	0.8	—	6.0	—	6.0	1.4	14 1	10 1	06 2
3	16.4	17.6	17.0	17.0	20.2	14.3	12.3	13.1	14.5	10.2	12.6	96	96	70	86	10.0	1.4	—	2.3	—	2.3	0.6	14 2	08 3	10 1
4	16.8	20.9	18.0	18.4	22.7	14.5	11.2	13.2	14.7	13.8	13.9	92	80	90	87	9.3	4.8	—	—	—	—	0.9	06 1	14 1	00 0
5	16.4	19.5	17.5	17.7	22.1	14.8	12.5	13.4	12.2	10.5	12.0	96	72	70	79	9.3	4.2	—	—	—	—	1.1	06 1	14 2	10 1
6	16.8	24.8	18.5	19.6	26.3	14.2	11.5	12.9	12.3	14.6	13.3	90	52	92	78	9.0	9.1	—	—	—	—	1.5	06 1	14 2	04 2
7	16.4	23.3	18.9	19.4	24.7	14.8	11.5	12.9	13.4	13.6	13.3	92	64	84	80	10.0	6.3	—	—	—	—	1.8	10 2	14 1	04 1
8	15.9	20.5	18.8	18.5	23.5	14.5	12.0	12.7	14.4	14.6	13.9	94	80	90	88	10.0	6.1	—	—	—	—	0.9	14 1	10 1	08 2
9	15.4	21.9	18.2	18.4	22.7	13.8	11.8	11.9	15.1	15.1	14.0	92	77	96	88	9.7	3.9	—	—	—	1.5	0.8	10 1	06 2	14 1
10	16.3	20.6	18.0	18.2	22.3	15.0	13.2	13.1	14.2	14.6	14.0	95	78	93	88	9.3	3.2	1.5	—	—	—	0.5	14 2	10 1	04 1
11	15.5	20.2	17.3	17.6	21.5	14.3	11.7	12.2	14.0	14.0	13.4	93	79	95	89	10.0	2.8	—	—	0.1	0.1	0.7	14 2	10 1	04 2
12	14.8	25.4	19.0	17.6	26.0	13.9	11.0	12.2	12.7	14.6	13.2	97	52	89	79	7.3	8.6	—	—	3.5	3.5	1.2	06 1	04 1	14 1
13	15.6	23.4	18.0	18.8	25.0	14.5	12.8	12.3	14.6	14.6	13.8	93	67	94	83	9.3	7.3	—	—	—	8.9	0.9	14 2	10 1	06 1
14	15.6	22.4	18.2	18.6	22.6	13.7	11.0	12.5	14.8	13.6	13.6	94	72	87	84	9.3	5.4	8.9	—	—	—	0.7	14 2	10 1	14 1
15	15.0	23.4	17.4	18.3	24.5	13.5	11.5	12.0	15.0	11.7	12.9	94	68	77	80	10.0	6.6	—	—	—	—	1.2	10 1	06 2	14 2
16	14.5	22.1	18.2	18.2	24.5	13.7	13.4	11.6	10.5	13.1	11.7	94	53	84	77	7.7	8.0	—	—	—	—	1.5	04 2	14 1	16 2
17	14.2	23.2	17.5	18.1	24.5	14.0	13.5	10.8	10.5	10.8	10 7	89	49	72	70	9.0	10.1	—	—	—	—	1.9	10 2	08 1	14 2
18	14.0	24.6	17.9	18.6	25.0	13.0	11.5	11.5	11.4	12.4	11.8	95	49	82	75	8.3	9.0	—	—	—	—	1.4	14 2	02 1	14 2
19	15.2	22.5	17.2	18.0	24.2	14.9	14.0	12.2	9.2	13.5	16.6	94	45	92	77	8.7	7.5	—	—	1.6	1.6	1.4	10 1	04 1	06 1
20	15.2	24.0	18.7	19.2	25.1	13.8	11.6	11.9	13.0	11.9	12.3	92	58	74	75	10.0	8.9	—	—	—	—	1.2	10 1	04 3	14 1
21	15.4	24.8	18.1	19.1	26.0	15.3	14.3	11.6	12.6	13.6	12.8	89	53	88	77	8.7	7.5	—	—	1.0	1.0	1.6	10 2	14 3	16 2
22	15.8	20.4	17.2	17.8	22.5	14.7	12.6	13.1	14.2	13.2	13.5	97	79	90	89	8.3	5.2	—	—	—	—	0.8	08 1	14 1	04 1
23	15.4	23.9	17.2	18.4	25.0	13.5	12.2	9.1	11.8	12.3	11.1	70	63	84	69	8.7	8.7	—	—	—	—	2.2	16 1	04 3	10 1
24	15.0	24.9	18.9	18.4	25.7	14.0	13.0	7.8	10.9	12.6	10.4	60	47	77	61	9.3	9.3	—	—	—	—	2.4	06 1	14 1	04 2
25	15.2	21.2	18.5	18.4	23.0	14.2	11.7	12.6	14.0	12.9	13.2	97	74	80	84	10.0	5.3	—	14.3	0.1	14.4	0.9	00 0	14 1	10 2
26	15.2	21.2	18.6	18.4	24.0	13.3	10.8	12.6	13.5	13.2	13.1	97	73	82	84	9.0	4.4	—	—	—	6.8	0.8	14 2	06 1	16 2
27	16.2	17.8	16.7	16.8	20.8	15.5	14.5	13.4	14.4	13.9	13.9	97	94	98	96	10.0	0.2	6.8	0.1	1.5	1.6	0.3	14 2	10 2	16 1
28	15.8	19.6	17.8	17.8	21.3	15.0	13.8	13.1	14.2	13.4	13.6	97	83	88	89	9.7	4.0	—	—	—	—	0.7	08 2	04 3	14 2
29	15.4	23.8	19.4	19.5	24.8	13.7	11.7	12.7	13.3	13.4	13.1	97	60	79	79	9.3	9.0	—	—	—	—	0.9	04 1	14 3	10 3
30	16.0	23.2	18.7	19.2	25.4	13.8	11.5	13.0	12.8	13.4	13.1	95	60	83	79	7.7	8.2	—	—	—	—	1.2	14 2	10 1	04 1
31	15.7	21.8	17.7	18.2	23.7	14.5	12.5	11.5	12.1	12.4	12.0	87	62	82	77	8.3	8.8	—	—	—	—	1.8	08 2	04 2	14 1
MED.	15.6	22.1	18.0	18.4	23.7	14.3	12.4	12.2	13.3	13.1	12.9	92	67	85	81	9.2	6.2	0.6	0.7	0.2	1.5	1.1	— —	— —	— —

Total 47.7 m.m.

ESTACION Anolaisa MES Febrero AÑO 1963 φ = 43° 45' N λ = 7° 29' W.GR - ALTURA 1.726 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16,0	20,4	17,2	17,7	21,3	15,1	13,2	12,5	12,6	12,9	12,7	92	70	88	83	9,3	0,5	--	--	--	--	0,9	14 1	14 2	04 1
2	15,2	22,0	16,7	17,6	22,8	14,3	12,6	12,6	12,8	13,5	13,0	97	65	95	86	9,0	3,6	--	21,7	--	35,0	0,7	06 2	04 1	04 2
3	16,2	19,4	17,0	17,1	22,0	14,5	13,5	12,6	15,0	13,1	13,6	97	89	90	92	9,0	3,6	13,3	0,8	--	0,8	0,2	10 2	04 1	14 2
4	15,4	18,0	16,2	16,4	19,3	14,8	13,2	12,5	14,1	13,1	13,2	95	92	95	94	9,0	--	--	1,5	2,0	3,5	0,5	14 1	10 2	04 1
5	14,5	22,1	16,7	17,5	22,8	13,5	11,5	11,5	15,2	13,2	13,3	93	74	92	86	9,3	4,6	--	--	22,1	22,1	0,6	10 3	14 2	04 1
6	15,8	20,4	17,0	17,5	22,5	14,6	13,0	12,2	15,3	13,5	13,7	91	85	93	90	10,0	3,9	--	--	--	--	0,5	08 3	04 2	14 1
7	16,2	19,3	17,6	17,7	21,8	14,5	12,5	12,7	15,5	13,5	13,9	92	92	90	91	10,0	3,4	--	6,0	--	6,0	0,5	10 2	04 1	14 1
8	15,6	18,2	16,4	16,6	21,3	14,3	12,3	12,5	14,9	13,2	13,5	94	95	94	94	10,0	1,9	--	3,8	7,2	11,0	0,3	14 2	04 1	10 2
9	15,5	23,2	17,2	18,3	24,2	14,6	12,3	12,5	13,4	12,2	12,7	95	63	82	80	9,0	4,5	--	--	--	--	0,9	14 2	06 1	14 2
10	16,5	19,8	15,8	17,0	21,0	15,5	13,7	13,2	14,0	13,1	13,1	94	81	90	88	10,0	1,5	--	--	--	--	0,7	10 2	04 1	06 2
11	15,8	19,8	16,1	16,9	24,4	14,2	12,9	12,8	15,7	12,2	13,6	95	90	88	91	8,7	4,0	--	2,1	1,4	3,5	0,8	10 2	14 1	06 2
12	13,4	22,4	17,5	18,2	24,2	13,5	12,0	12,3	14,4	14,5	13,7	94	71	97	87	9,3	6,9	--	--	--	2,0	0,9	14 2	10 3	04 2
13	15,2	22,6	18,6	16,2	24,0	14,6	11,5	12,4	14,0	13,8	13,4	96	69	86	84	9,7	7,9	2,0	--	--	--	1,0	10 2	14 2	14 1
14	15,8	21,5	17,9	18,3	22,5	14,1	13,0	11,2	11,4	12,1	11,6	84	59	79	74	8,3	10,0	--	--	--	--	1,8	10 1	14 3	04 3
15	13,6	25,2	18,6	19,0	26,0	12,5	10,0	10,5	12,8	13,5	12,3	90	53	85	76	9,3	9,5	--	--	--	--	1,9	14 2	04 3	10 2
16	15,6	23,2	17,9	18,6	24,8	14,5	12,0	12,3	14,8	13,8	13,6	93	69	91	84	8,7	5,5	--	--	--	--	1,2	14 2	10 1	04 1
17	16,3	24,8	18,5	19,5	25,2	15,5	12,8	13,1	15,2	14,7	14,3	95	65	93	84	4,7	4,1	--	--	0,3	0,3	0,8	10 2	14 2	08 2
18	16,8	20,7	17,5	18,1	22,7	15,6	14,0	13,1	15,5	12,4	13,7	91	85	82	86	9,3	3,0	--	--	3,7	3,7	0,7	00 0	10 2	04 2
19	15,9	16,2	14,7	15,4	19,8	15,0	13,3	12,7	13,3	12,1	12,7	94	96	96	95	10,0	--	--	9,0	27,2	43,6	0,5	10 2	14 2	04 2
20	14,3	18,2	16,3	16,3	20,0	13,4	12,2	11,8	14,0	12,9	12,8	97	90	93	93	8,3	1,1	7,4	0,4	1,4	1,8	0,3	00 0	16 1	10 3
21	14,8	19,9	17,8	17,6	22,3	12,9	9,8	11,6	14,2	14,2	13,3	92	83	93	89	7,7	3,8	--	--	--	5,1	0,3	00 0	16 1	10 3
22	16,2	20,8	16,9	17,7	22,5	14,8	14,0	12,2	15,5	13,5	13,7	88	85	94	89	7,3	1,5	5,1	1,0	6,5	7,9	0,7	00 0	14,2	08 1
23	15,4	20,9	17,6	17,9	21,3	13,7	11,5	12,5	14,9	14,2	13,9	95	81	94	90	8,0	2,9	0,4	0,1	--	0,1	0,3	10 2	14 1	00 0
24	16,0	22,6	17,9	18,8	24,0	14,5	12,0	12,3	14,5	13,2	13,3	86	70	86	81	8,3	5,6	--	--	--	--	0,6	04 1	10 1	14 1
25	15,7	20,2	18,2	18,1	22,1	13,8	12,1	12,0	15,4	14,5	14,0	89	87	93	90	9,0	4,3	--	--	--	--	0,4	04 2	10 1	04 2
26	15,8	23,0	18,2	18,8	25,7	14,9	12,6	12,7	13,2	12,6	12,8	94	63	81	79	6,7	10,0	--	--	--	--	1,3	04 2	10 1	04 2
27	16,2	21,2	17,2	17,9	23,5	15,5	13,0	12,9	16,6	13,4	14,3	93	88	91	91	6,3	5,3	--	0,4	--	0,4	0,9	00 0	06 1	10 2
28	15,9	20,2	18,0	18,0	22,0	15,5	12,9	13,1	15,4	12,4	13,6	97	87	80	88	8,7	4,3	--	--	--	--	0,7	06 1	04 2	14 1
29																									
30																									
31																									
MED.	15,6	20,9	17,2	17,7	22,7	14,4	12,5	12,4	14,4	13,2	13,3	93	78	90	87	8,9	4,2	1,0	1,7	2,6	5,2	0,7	--	--	--

Total 146.8 m.m.

ESTACION Anolaima MES Marzo AÑO 1963 φ = 4° 45' N λ = 74° 20' W.GR - ALTURA 1.726 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.6	22.6	17.3	18.2	24.5	14.4	13.0	11.8	13.0	12.2	12.3	89	64	82	78	7.3	9.6	--	--	--	--	1.5	08 1	04 2	14 1
2	15.7	24.8	18.8	19.5	25.8	13.6	12.4	10.0	13.5	14.9	12.8	75	57	92	75	5.0	8.3	--	--	--	--	1.6	06 1	04 3	04 1
3	17.2	23.2	19.1	19.6	24.7	14.8	13.5	10.3	14.2	13.1	12.5	70	66	78	71	6.0	8.6	--	--	--	--	1.9	04 2	06 2	00 0
4	17.3	20.6	18.8	18.9	22.0	14.4	13.4	10.3	11.5	10.9	10.9	70	62	71	68	7.7	4.3	--	--	--	--	1.8	14 1	04 2	10 1
5	15.5	25.5	19.0	19.7	24.0	14.0	12.0	9.2	10.7	11.8	10.6	70	44	72	62	7.0	10.1	--	--	0.4	0.4	1.9	10 2	04 2	06 5
6	16.2	24.4	19.2	19.7	26.5	14.5	13.0	10.6	13.1	14.1	12.6	76	57	85	73	5.0	8.7	--	--	--	--	1.3	10 1	04 3	06 1
7	15.9	21.1	18.0	18.2	22.8	15.8	13.7	12.9	14.4	10.0	12.4	96	76	62	78	6.3	4.2	--	--	--	--	1.3	04 1	06 2	04 1
8	16.5	20.6	18.9	18.7	24.0	15.3	13.2	12.7	15.5	13.6	13.9	90	86	84	87	7.7	4.2	--	0.5	1.3	1.8	0.9	00 0	04 2	10 3
9	16.8	23.0	16.6	18.2	23.6	15.5	13.3	13.5	14.8	13.2	13.8	94	70	93	86	8.3	0.6	--	0.7	--	0.7	0.6	06 2	06 1	10 1
10	16.4	18.4	17.6	17.5	21.5	14.1	12.3	12.0	14.6	14.3	13.6	86	93	95	91	9.0	2.6	--	--	0.7	6.3	0.6	10 1	06 3	00 0
11	15.4	22.2	18.0	18.4	23.2	14.5	12.4	12.9	14.2	12.5	13.2	98	72	81	84	8.3	4.1	5.6	--	--	--	0.9	06 1	10 2	06 1
12	16.8	19.7	17.8	18.0	22.4	16.0	13.5	13.5	14.2	12.8	13.5	94	81	83	86	9.3	1.7	--	0.6	--	0.6	0.8	00 0	10 1	06 1
13	16.2	20.2	18.0	18.1	21.9	14.5	14.0	13.1	15.1	13.6	13.9	96	85	86	89	9.3	3.1	--	--	--	2.0	0.8	06 1	10 2	06 1
14	16.0	21.2	18.0	18.3	22.5	14.0	12.0	12.7	13.2	14.1	13.3	93	70	92	85	10.0	3.5	2.0	--	--	1.3	0.8	10 1	10 1	06 1
15	15.8	22.6	19.2	19.2	26.0	15.0	14.4	13.2	14.1	13.8	13.7	98	68	82	83	9.0	4.5	1.3	--	--	--	1.4	06 1	10 1	16 1
16	17.0	21.5	17.9	18.8	23.8	16.5	15.2	14.2	13.0	13.8	13.7	98	68	91	86	8.7	2.8	--	--	--	--	0.9	06 1	10 2	06 1
17	17.8	22.8	18.5	19.4	24.0	15.7	14.0	13.4	14.7	13.3	13.8	88	71	84	81	7.7	6.8	--	--	--	--	0.8	10 1	06 2	10 1
18	17.8	25.0	19.8	20.6	26.5	15.5	13.1	12.8	12.2	14.2	13.1	83	51	83	72	8.7	9.0	--	--	--	--	1.8	08 1	10 1	06 1
19	16.9	22.6	18.8	19.3	24.1	16.2	14.8	14.1	12.1	15.4	13.9	98	59	94	84	9.3	3.8	--	--	--	--	1.2	04 1	06 1	00 0
20	16.8	24.6	19.2	19.9	25.0	15.0	13.4	13.1	13.9	15.0	14.0	91	60	90	80	6.7	9.1	--	--	--	--	1.1	04 1	00 0	04 2
21	18.0	26.2	19.0	19.3	27.2	16.5	13.1	10.8	12.4	13.9	12.4	70	48	85	68	6.0	9.6	--	--	--	--	3.3	04 1	10 2	10 1
22	16.4	22.4	19.2	19.3	24.0	15.0	13.0	13.1	15.3	13.3	13.9	93	75	80	83	9.3	5.0	--	--	--	--	0.8	04 2	10 3	16 1
23	16.6	22.5	17.6	18.6	23.6	15.0	13.7	13.2	15.5	13.4	14.0	93	76	80	83	7.0	6.0	--	--	--	--	0.8	04 2	10 3	16 1
24	16.8	23.4	17.8	18.9	24.0	15.4	14.0	13.9	14.6	14.6	14.4	97	67	95	86	9.7	3.5	--	--	19.8	21.6	0.9	10 1	10 3	04 1
25	16.4	21.4	18.0	18.4	23.5	14.5	14.0	13.1	12.8	14.1	13.3	93	67	92	84	9.7	2.9	1.8	0.2	0.1	8.1	0.6	06 1	04 1	00 0
26	15.4	22.6	17.6	18.4	24.5	15.0	14.0	12.7	13.6	14.6	13.6	97	65	97	86	7.0	5.0	5.8	0.9	--	0.9	0.6	10 2	10 1	04 1
27	16.6	22.9	17.8	18.8	23.5	15.0	14.5	13.6	13.6	14.2	13.8	96	65	93	85	6.3	3.7	--	--	--	--	0.9	06 1	10 3	08 1
28	17.8	23.4	18.8	19.7	25.0	15.7	14.2	13.8	12.3	13.2	13.1	91	57	81	76	7.3	7.5	--	--	--	--	1.1	06 1	10 1	16 1
29	17.2	20.1	17.7	18.2	21.5	15.5	13.9	12.3	13.8	13.7	13.3	84	78	90	84	10.0	2.0	--	10.0	--	10.6	0.9	16 2	10 2	10 1
30	16.6	21.0	18.7	18.7	23.3	15.0	13.5	13.2	14.3	14.9	14.1	93	77	92	87	10.0	3.7	0.6	0.6	0.5	2.4	0.8	00 0	14 2	00 0
31	16.6	23.6	17.6	18.8	24.8	15.2	14.2	13.5	12.5	14.2	13.4	95	57	94	82	9.0	4.6	1.3	--	--	--	0.8	16 1	10 2	16 1
MED.	16.6	22.4	18.3	18.9	24.0	15.0	13.5	12.6	13.6	13.6	13.3	89	67	86	81	8.0	5.3	0.6	0.4	0.7	1.8	1.2	-- -	-- -	-- -

Total 54.7 m.m.

ESTACION Anolaima MES Abril AÑO 19 63 φ = 40 45' N λ = 74° 29' W.GR - ALTURA 1.726 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.5	19.3	16.8	17.3	20.8	15.6	14.5	13.6	14.7	14.1	14.1	97	88	98	94	10.0	0.2	—	17.3	0.2	17.6	0.3	04 1	06 1	02 2
2	16.2	18.4	16.2	16.7	21.0	15.5	14.4	13.5	15.0	12.9	13.8	98	92	93	94	10.0	0.9	0.1	—	6.6	6.7	0.4	04 1	10 1	06 1
3	16.2	17.0	16.6	16.8	22.3	14.2	12.6	13.0	14.0	12.2	13.1	94	96	86	92	8.0	0.6	0.1	21.6	3.8	25.4	0.2	02 1	04 1	04 1
4	15.8	16.0	15.8	15.8	22.0	13.7	12.5	12.5	13.1	11.7	12.4	93	96	87	92	8.0	1.0	—	37.1	6.1	43.2	0.6	04 1	10 1	06 2
5	15.6	22.2	17.0	17.9	23.5	13.7	13.0	12.5	12.0	14.2	12.9	94	60	98	84	9.7	5.4	—	—	—	0.4	0.6	06 1	08 2	16 1
6	15.8	24.2	17.2	18.6	25.0	15.1	14.5	13.3	15.6	13.9	14.3	99	88	94	87	9.7	3.3	0.4	—	9.0	12.9	0.4	08 1	06 2	04 1
7	15.2	18.6	16.6	16.7	21.2	14.1	13.0	12.3	13.9	13.2	13.1	95	86	93	91	9.7	0.6	3.9	2.3	—	2.3	0.6	16 1	14 1	06 1
8	17.0	21.9	17.2	18.3	23.2	14.0	13.0	14.0	15.1	12.7	13.9	96	77	86	86	10.0	4.2	—	—	2.9	3.5	0.9	06 1	10 2	06 1
9	16.7	21.2	17.0	18.0	22.5	14.9	13.8	13.1	15.4	13.4	14.0	94	82	92	89	10.0	2.8	0.6	0.2	2.5	5.5	0.6	16 1	06 1	10 2
10	15.9	18.2	17.0	17.0	20.2	14.9	14.5	13.2	14.0	14.2	13.8	98	90	98	95	9.3	0.4	2.8	0.6	2.0	3.4	0.3	16 1	06 1	06 1
11	15.6	21.4	18.2	18.3	24.5	14.5	13.5	12.8	14.0	14.3	13.7	96	73	92	87	10.0	4.3	0.8	—	—	11.1	0.8	16 1	10 2	10 1
12	15.6	22.6	17.6	18.3	23.0	14.9	14.5	13.0	14.7	14.5	14.1	98	71	96	88	9.7	1.9	11.1	—	2.4	17.7	0.4	06 1	10 1	08 1
13	16.4	25.0	17.0	18.8	25.4	14.2	13.1	13.2	13.1	13.1	13.1	94	55	90	80	8.3	8.1	15.3	—	32.3	36.7	0.3	06 1	06 2	06 3
14	16.8	21.3	17.4	18.2	22.0	14.5	13.6	12.4	13.7	13.3	13.1	87	73	90	83	7.3	0.8	4.4	—	—	—	0.5	00 0	12 1	04 1
15	19.0	25.5	19.0	20.6	26.3	14.6	13.0	11.1	12.8	10.4	11.4	68	52	63	61	5.7	10.3	—	—	—	0.1	0.5	10 1	06 2	04 1
16	16.6	20.2	17.8	18.1	23.0	14.8	13.5	13.9	15.1	11.2	13.4	98	85	73	85	7.3	0.7	0.1	—	—	—	0.4	06 1	06 1	04 1
17	17.4	21.8	19.0	19.3	24.2	15.0	13.2	13.3	15.3	15.9	14.8	90	78	96	88	5.7	6.6	—	—	—	2.4	1.3	06 1	08 1	08 1
18	17.4	16.9	16.4	16.8	20.7	15.5	14.8	14.0	13.8	13.2	13.7	94	96	94	95	7.7	0.8	2.4	4.4	0.2	4.6	0.5	14 2	10 1	08 1
19	16.8	24.4	17.4	19.0	26.0	14.2	12.5	13.1	14.5	13.9	13.8	91	63	93	82	6.0	8.0	—	—	6.4	7.2	0.7	06 1	00 0	04 2
20	16.4	19.7	17.2	17.6	23.0	14.9	14.1	13.7	14.7	13.5	14.0	98	85	92	92	7.7	0.3	0.8	—	0.2	1.1	0.3	08 2	00 0	04 1
21	16.3	19.8	16.2	17.1	24.0	15.5	14.8	13.0	12.6	13.1	12.9	94	73	95	87	7.3	1.9	0.9	5.2	—	5.2	0.3	08 1	10 2	04 1
22	17.8	23.2	19.0	19.7	24.1	15.3	13.7	12.3	11.6	13.6	12.5	80	54	83	72	7.7	8.8	—	—	—	0.5	1.5	06 2	06 2	06 1
23	17.0	24.0	19.4	19.9	25.6	16.0	14.0	12.7	11.2	11.8	11.9	82	50	70	67	7.7	8.1	0.5	—	—	0.5	1.3	10 3	06 2	06 2
24	17.8	20.5	17.3	18.2	22.7	16.0	14.8	12.8	15.0	12.7	13.5	83	82	87	84	10.0	1.3	0.1	—	2.3	9.0	1.1	06 3	10 1	04 1
25	17.0	22.9	16.9	18.4	24.0	16.3	15.5	14.1	14.0	12.0	13.4	97	67	83	82	6.7	5.1	6.7	5.3	—	5.3	0.8	10 2	10 2	04 2
26	17.0	21.0	17.6	18.3	23.0	14.8	12.3	10.8	13.4	10.9	11.7	74	72	72	73	7.3	4.3	—	—	0.1	0.1	1.2	06 1	08 1	06 1
27	17.8	19.8	18.2	18.5	23.2	15.5	13.5	13.2	14.2	12.6	13.3	87	82	80	83	9.0	3.3	—	2.9	--	2.9	1.0	06 1	06 2	06 1
28	17.6	19.8	17.2	17.9	22.0	15.2	14.0	14.2	14.5	14.4	14.4	94	84	98	92	9.3	1.7	—	—	13.3	17.6	0.5	06 1	06 1	06 2
29	18.2	21.8	17.8	18.4	23.5	15.8	14.5	13.9	14.1	13.7	13.9	100	72	90	88	8.7	5.1	4.3	—	—	—	0.5	14 2	10 1	06 1
30	18.3	22.7	17.9	18.7	23.5	15.3	14.7	13.3	14.9	14.8	14.3	94	71	95	87	9.7	5.8	—	—	19.9	20.0	0.5	16 1	06 2	00 0
31																									
MED.	16.8	21.0	17.4	18.1	23.2	15.0	13.8	13.1	14.0	13.2	13.4	92	76	88	85	8.4	3.5	1.8	3.2	3.7	8.8	0.6	--	--	--

Total 282.5 m.m.

ESTACION Anolaima MES Mayo AÑO 19 63 φ = 4° 45' N λ = 74° 25' W.GR - ALTURA 1.726 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.2	19.6	18.4	18.1	23.8	14.5	13.2	13.5	14.8	14.6	14.3	97	87	93	92	9.7	3.0	0.1	0.1	0.6	2.2	0.4	14 2	10 1	00 0
2	17.7	20.9	18.0	18.6	24.5	15.5	14.1	14.4	12.8	13.8	13.7	94	70	90	85	9.0	7.0	1.5	—	—	9.4	1.1	06 1	10 1	12 2
3	16.8	21.5	18.4	18.8	23.5	15.7	15.0	13.8	16.4	14.5	14.9	96	86	92	91	8.3	2.9	9.4	0.3	—	0.3	0.3	04 1	06 2	06 2
4	17.2	20.2	16.4	17.5	23.0	15.6	14.5	13.9	15.4	12.6	14.0	94	87	90	90	6.0	5.0	—	1.9	4.2	6.1	0.5	04 1	06 2	06 2
5	17.4	20.8	18.8	18.9	24.0	15.2	13.8	12.9	14.0	14.0	13.6	87	76	86	83	7.0	7.5	—	0.2	—	18.3	0.8	04 1	06 1	06 2
6	14.9	21.3	16.8	17.4	23.5	14.6	14.0	12.4	14.2	13.6	13.4	97	74	95	89	8.0	3.1	18.1	4.4	—	4.4	0.4	06 1	10 1	06 1
7	16.9	20.8	18.0	18.4	23.0	14.4	13.4	13.5	14.1	12.9	13.5	94	77	83	85	9.0	7.8	—	0.2	—	15.7	0.8	04 1	10 2	06 1
8	15.6	23.6	19.4	19.5	25.2	14.5	13.6	12.8	13.4	12.7	12.9	95	63	75	78	7.7	7.4	15.5	0.1	—	0.6	1.0	14 1	10 2	06 3
9	16.7	17.6	16.9	17.0	21.5	16.0	15.5	13.8	14.2	12.0	13.3	96	94	84	91	8.7	1.4	0.5	1.5	—	1.5	0.6	14 1	16 1	06 1
10	16.6	20.7	17.3	18.0	22.0	14.5	13.5	13.5	15.2	14.1	14.3	95	83	96	91	9.0	2.7	—	0.1	32.3	85.7	0.4	04 2	10 2	06 1
11	14.9	24.9	18.8	19.3	25.5	14.0	13.4	11.2	14.0	14.6	13.3	89	60	90	80	5.7	9.7	53.3	—	—	—	1.0	06 1	08 3	02 3
12	16.6	22.6	18.2	18.9	24.0	15.2	14.4	13.6	15.4	15.1	14.7	96	75	96	89	7.3	2.9	—	0.3	0.1	10.7	0.9	14 2	10 1	04 2
13	15.9	23.5	18.8	19.2	24.0	15.6	14.0	12.8	13.0	12.0	12.6	95	60	74	76	7.0	4.7	10.3	—	—	0.5	0.4	06 3	10 3	04 1
14	16.8	21.3	18.2	18.6	23.1	15.0	14.1	13.6	14.0	14.8	14.1	95	74	94	88	9.3	2.2	0.5	1.1	—	15.9	0.7	04 2	06 2	06 2
15	16.4	21.2	16.3	17.5	22.5	15.3	14.0	13.5	14.2	11.5	13.1	97	75	84	85	7.0	4.0	14.8	3.2	—	3.2	0.5	06 1	10 1	06 1
16	17.4	21.8	18.0	18.8	23.6	14.3	12.5	11.9	13.5	10.8	12.1	80	66	70	73	5.0	9.0	—	—	—	0.2	1.0	06 2	04 1	04 1
17	17.2	21.9	18.9	19.2	23.0	16.0	14.5	12.5	14.7	13.6	13.6	85	75	84	81	8.0	7.4	0.2	—	—	30.5	1.1	04 1	10 3	06 1
18	15.8	24.1	20.1	20.0	25.5	14.7	14.0	13.6	13.0	12.4	13.0	98	57	70	75	7.3	7.6	20.5	0.4	0.1	7.1	1.0	06 2	06 2	06 2
19	16.3	22.4	18.4	18.9	24.5	14.7	14.0	13.3	13.6	12.8	13.2	96	66	80	81	9.0	5.7	6.6	—	—	1.2	0.6	06 1	08 2	06 1
20	16.9	23.9	17.5	18.9	25.5	15.9	15.0	13.5	13.1	12.7	13.1	94	59	85	79	6.3	5.3	1.2	0.3	—	0.3	0.5	06 1	14 3	06 1
21	17.4	23.3	18.1	19.2	23.8	16.5	15.6	13.3	11.8	11.5	12.2	90	55	73	73	8.3	4.2	—	—	—	—	1.3	04 1	00 0	04 1
22	17.8	24.6	20.2	20.7	25.5	14.8	13.0	12.1	13.3	10.1	11.8	79	57	57	64	6.3	10.9	—	—	—	—	1.3	06 1	08 2	06 1
23	16.1	17.4	15.3	16.0	24.5	16.5	14.5	13.0	12.4	11.5	12.3	85	58	70	71	6.0	10.7	—	—	—	—	2.0	10 2	06 2	06 2
24	18.6	18.2	17.2	17.8	20.0	17.0	15.5	13.4	14.0	13.0	13.5	94	90	89	88	8.3	0.2	—	0.6	—	4.0	0.7	06 1	04 3	06 2
25	16.8	20.6	18.0	18.3	21.5	15.3	14.9	13.4	13.2	13.0	13.2	93	73	85	84	9.0	3.2	3.4	—	—	0.9	0.6	10 3	04 2	06 2
26	16.9	19.5	18.8	18.5	21.7	15.4	14.7	13.2	11.6	12.8	12.5	92	69	79	80	6.3	1.7	0.9	0.2	0.1	0.3	0.6	04 3	06 2	06 2
27	16.9	24.8	18.5	19.7	25.5	16.0	15.5	12.1	11.8	14.3	12.7	85	51	90	75	8.0	7.7	—	—	—	4.4	1.5	04 2	06 3	06 2
28	17.3	23.4	18.5	19.4	24.8	15.9	15.0	12.7	14.6	12.9	13.4	87	67	80	78	7.7	6.3	4.4	—	—	—	1.2	04 1	06 2	00 0
29	18.6	22.5	18.2	19.4	23.6	16.3	14.5	13.5	11.9	13.6	13.0	85	58	87	77	5.7	8.9	—	—	—	0.6	1.5	04 1	10 4	06 2
30	17.4	24.4	19.2	20.0	25.0	16.2	15.1	12.7	13.1	13.8	13.2	87	57	82	75	5.3	7.6	0.6	—	—	—	1.4	04 1	06 3	06 1
31	18.2	23.8	20.2	20.6	25.0	[illegible]	15.8	12.2	13.9	12.4	12.8	78	63	70	70	7.7	7.7	—	—	0.1	9.1	1.2	06 1	04 2	00 0
MED.	16.8	21.8	18.2	18.7	23.7	15.4	14.3	13.1	13.7	13.0	13.3	91	70	83	81	7.5	5.6	5.5	0.5	1.2	7.5	0.9	— —	— —	— —

Total 233.1 m.m.

ESTACION Anolaima MES Junio AÑO 1963 φ = 4° 45' N λ = 74° 28' W.GR - ALTURA 1.726 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.6	22.2	19.4	19.6	24.5	16.9	14.7	13.8	12.6	12.5	13.0	90	63	74	76	7.3	5.1	9.0	—	—	—	1.2	06 1	06 1	06 1
2	17.8	23.5	20.0	20.3	24.5	16.5	15.0	13.4	12.1	12.6	12.7	88	55	72	72	7.7	5.6	—	—	—	—	1.4	06 1	04 1	06 1
3	17.6	24.3	19.8	20.4	24.5	15.0	13.5	11.3	12.3	11.2	11.6	75	54	65	65	7.7	7.0	—	—	—	—	1.4	04 1	14 3	00 0
4	18.2	23.6	19.2	20.0	24.5	16.3	15.0	12.2	9.8	12.2	11.4	77	45	73	65	8.7	5.0	—	—	—	0.7	1.3	04 1	06 1	06 1
5	17.5	22.8	18.5	19.3	25.0	16.3	15.5	13.4	12.0	13.5	13.0	90	56	85	78	7.3	5.9	0.7	—	—	0.9	1.4	06 1	14 3	08 1
6	17.8	21.2	17.7	18.6	22.8	15.7	15.0	12.3	14.2	12.0	12.8	81	75	78	78	6.7	5.4	0.9	0.1	—	0.1	0.9	06 1	04 3	06 1
7	17.0	23.4	18.1	19.1	24.8	14.3	12.5	11.3	11.5	11.0	11.3	77	53	68	66	5.7	9.4	—	—	—	—	1.8	04 2	08 2	06 2
8	16.5	23.2	18.7	19.3	24.5	15.0	13.5	12.7	12.8	12.4	12.6	90	60	76	75	8.0	7.5	—	—	—	—	1.6	04 1	06 3	06 2
9	17.3	24.2	17.8	19.3	25.5	15.5	14.5	13.7	13.5	12.8	13.3	93	60	83	79	9.7	2.5	—	—	0.1	0.7	1.0	04 3	08 2	04 1
10	16.8	21.2	18.0	18.5	22.7	15.0	14.4	13.6	13.2	11.4	12.7	95	70	73	79	4.7	4.0	0.8	—	—	—	0.6	04 1	06 2	06 1
11	16.8	21.2	17.0	18.0	22.0	16.4	14.2	13.8	13.2	11.3	12.8	96	70	77	81	10.0	1.2	—	—	—	—	0.5	04 1	06 2	06 1
12	16.6	21.4	17.4	18.2	22.0	15.0	14.0	13.3	14.0	13.9	13.7	94	73	93	87	7.3	2.4	—	—	—	—	0.7	08 1	06 1	06 2
13	15.9	17.8	16.4	16.4	18.5	14.9	14.0	12.4	13.7	13.2	13.1	92	90	94	92	9.3	—	—	6.3	6.2	14.1	0.2	08 1	06 1	06 1
14	15.2	18.8	17.3	17.1	20.5	13.3	12.0	12.6	14.5	12.5	13.2	97	89	85	90	6.7	0.5	1.6	0.3	—	0.3	0.3	06 1	00 0	06 3
15	17.9	19.5	17.4	18.0	21.7	14.8	14.0	13.9	13.8	12.9	13.5	92	81	87	87	7.0	2.8	—	0.2	1.1	1.3	0.4	04 1	06 3	06 2
16	16.4	21.5	19.0	16.4	23.3	15.7	14.9	11.8	13.0	11.4	12.1	85	68	69	74	7.0	7.2	—	—	—	4.5	1.2	04 3	06 2	06 2
17	16.4	20.2	15.9	17.1	22.3	14.8	13.0	11.1	11.4	11.7	11.4	80	65	87	77	7.0	4.0	4.5	—	—	—	1.8	04 2	10 3	08 1
18	16.8	21.8	19.8	19.5	23.6	13.8	12.6	10.9	10.3	12.4	11.2	76	53	72	67	6.7	4.8	—	—	—	—	1.1	06 2	08 3	06 3
19	17.7	21.8	19.7	19.7	23.8	14.3	13.8	13.2	11.8	12.0	12.3	86	60	70	72	6.3	9.2	—	—	—	0.2	1.7	06 1	04 2	06 4
20	16.6	21.6	18.2	18.6	22.8	15.0	14.0	10.3	10.5	11.0	10.6	73	55	72	67	7.0	3.9	0.2	—	—	—	1.9	04 2	08 1	06 1
21	17.1	23.4	19.0	19.6	24.4	15.4	16.6	11.2	11.8	9.7	10.9	76	54	59	63	6.3	6.0	—	—	—	—	1.8	06 1	08 2	08 2
22	19.2	23.0	19.8	20.4	26.0	14.7	13.5	10.0	8.5	9.4	9.3	60	37	54	50	3.3	10.9	—	—	—	—	3.8	00 0	08 3	06 3
23	17.8	24.6	19.6	20.4	26.8	15.0	12.8	11.1	11.1	11.6	11.3	72	48	68	63	6.3	8.9	—	—	—	0.4	3.1	00 0	08 3	06 3
24	15.8	25.1	17.6	19.0	26.0	14.0	13.5	12.8	14.0	11.7	12.8	95	56	76	76	8.8	2.1	0.4	0.5	4.2	4.7	1.3	06 1	06 1	06 1
25	17.9	23.6	20.0	20.4	25.5	16.5	14.5	13.4	11.7	11.9	12.3	88	53	62	68	4.7	8.9	—	—	—	2.2	1.4	06 2	08 3	08 1
26	17.2	23.4	19.0	19.6	26.0	16.0	14.3	13.7	13.3	11.5	12.8	93	62	70	75	7.0	9.8	2.2	—	—	—	1.8	08 1	16 1	06 2
27	16.2	21.1	18.6	18.6	22.8	14.4	12.5	12.9	14.0	11.2	12.7	93	74	70	79	7.3	6.5	—	—	—	—	1.4	06 1	08 1	00 0
28	17.6	22.2	18.1	19.0	23.0	15.6	13.6	13.1	13.7	13.1	13.3	87	68	85	80	7.0	4.3	—	1.6	—	1.8	1.3	06 1	08 2	06 3
29	17.8	22.6	19.8	20.0	25.2	16.0	14.5	12.3	11.6	12.0	12.0	80	56	70	69	8.7	8.5	—	—	—	—	1.2	12 1	08 1	08 1
30	17.4	23.4	19.2	19.8	24.5	16.5	15.3	11.7	12.1	11.0	11.6	78	56	65	66	5.0	8.0	—	—	—	1.0	1.3	08 2	04 3	06 1
31																									
MED.	17.1	22.2	18.5	19.0	23.7	15.3	14.0	12.4	12.4	11.9	12.2	85	62	74	74	7.0	5.6	0.7	0.3	0.4	1.1	1.4	— —	— —	— —

Total 32.7 m.m.

ESTACION Anolaima MES Julio AÑO 1963 φ = 4° 45' N λ = 74° 28' W.GR - ALTURA 1.726 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.9	25.0	18.4	19.9	27.0	15.0	13.2	13.7	12.5	12.4	12.9	90	54	78	74	5.7	9.4	1.0	—	0.1	0.1	1.9	06 1	08 3	06 2
2	16.8	21.2	17.5	18.2	22.1	15.5	14.2	13.1	12.7	10.9	12.2	91	68	73	77	7.7	4.7	—	—	—	—	1.2	06 1	08 3	08 3
3	16.3	24.2	19.4	19.8	25.2	14.8	14.0	11.5	11.9	11.8	11.7	84	52	72	69	7.3	8.7	—	—	—	—	1.6	00 0	06 2	06 4
4	16.8	24.4	20.2	20.4	25.0	15.0	12.8	12.0	13.1	10.2	11.8	83	57	58	66	6.7	7.6	—	—	—	—	2.0	08 3	06 4	06 2
5	17.5	22.6	19.4	19.7	24.0	15.4	14.6	11.5	12.7	12.1	12.1	76	62	72	70	6.7	9.8	—	—	—	—	2.0	00 0	08 3	06 1
6	17.2	24.0	20.0	20.3	25.5	15.3	13.2	12.2	10.4	10.6	11.1	82	47	60	63	8.3	6.4	—	—	—	2.3	1.4	06 1	06 3	06 1
7	16.6	22.2	19.0	19.2	22.8	15.3	14.0	13.3	11.5	13.2	12.7	94	57	80	77	8.7	5.3	2.3	—	—	—	1.4	06 1	06 1	04 1
8	17.0	22.4	18.8	19.2	23.5	15.7	13.6	13.7	12.8	13.4	13.3	94	64	82	80	7.3	4.8	—	—	—	—	1.2	08 3	06 4	06 2
9	17.2	18.3	18.0	17.9	22.0	15.6	14.0	13.9	14.1	11.4	13.1	94	89	73	85	8.3	2.7	—	2.6	0.5	3.1	1.2	08 1	00 0	06 2
10	17.4	20.2	18.0	18.4	22.2	15.0	13.3	12.5	13.6	12.4	12.8	84	76	80	80	8.7	3.6	—	—	0.2	0.9	1.0	06 1	08 2	06 1
11	15.5	18.5	16.4	16.7	22.0	14.9	14.0	12.6	12.9	12.3	12.6	98	80	88	89	7.3	2.2	0.7	—	1.3	133	0.8	08 3	06 2	06 1
12	16.8	22.2	17.8	18.6	22.6	15.2	13.6	11.3	15.1	12.8	13.1	78	75	84	79	8.3	5.8	—	—	—	—	1.0	06 1	00 0	00 0
13	17.0	18.6	17.6	17.7	22.2	15.4	13.6	12.0	14.7	11.2	12.6	82	92	74	83	7.3	5.2	—	0.8	0.7	1.5	1.4	00 0	08 2	06 2
14	16.3	22.3	18.6	18.9	24.5	18.3	14.0	11.9	13.8	13.2	13.0	86	65	82	78	5.3	8.9	—	—	0.1	0.1	1.2	04 1	06 3	06 2
15	16.6	18.2	15.9	16.6	22.2	14.6	13.5	13.6	14.4	12.1	13.4	96	93	90	93	8.7	1.8	—	—	2.1	2.1	0.9	06 1	12 2	06 1
16	16.6	22.8	18.2	18.9	24.8	14.8	13.8	11.3	13.0	11.7	12.0	80	63	74	72	6.7	6.7	—	—	—	8.9	1.2	06 2	06 1	06 1
17	16.0	20.8	18.2	18.3	21.4	14.5	14.0	13.1	12.8	11.5	12.5	92	70	73	80	9.0	4.1	8.9	0.7	—	1.2	0.7	06 1	12 3	06 1
18	15.8	25.2	19.7	20.1	26.5	14.8	13.0	10.7	10.5	13.5	11.6	80	44	78	67	5.0	9.1	0.5	—	—	—	1.8	06 1	12 3	06 1
19	16.8	19.2	16.8	17.4	24.5	15.0	14.3	12.9	14.1	11.8	12.9	90	85	82	86	7.3	3.6	—	0.8	0.5	1.5	1.3	08 1	00 0	06 1
20	15.7	24.2	19.6	19.8	25.0	13.0	12.0	10.7	11.4	9.9	10.7	80	50	58	56	6.3	7.9	0.2	—	—	—	1.8	06 1	08 2	06 1
21	17.1	21.4	19.0	19.1	23.7	15.5	13.8	12.2	10.1	10.8	11.0	82	53	65	67	6.0	4.0	—	—	—	0.1	1.4	16 1	00 0	06 2
22	18.4	22.8	16.3	17.9	24.0	14.9	12.8	13.1	12.0	13.1	12.7	93	58	45	82	8.7	5.0	0.1	—	7.1	7.1	1.3	06 1	12 3	05 2
23	15.6	18.2	15.6	16.2	22.0	14.0	13.5	11.0	12.2	10.8	11.3	84	78	83	82	8.7	3.7	—	0.1	2.3	2.4	1.1	00 0	08 2	08 2
24	16.4	19.0	17.6	17.6	22.5	14.0	13.0	10.1	10.4	10.2	10.3	73	64	67	68	7.3	7.9	—	—	—	—	2.0	08 2	00 0	08 2
25	16.2	23.4	17.6	18.7	24.6	15.9	14.7	9.0	10.7	9.5	9.7	65	49	63	59	4.3	9.5	—	—	—	—	2.6	08 2	04 2	06 2
26	17.0	21.4	18.4	18.8	23.2	15.6	14.5	12.5	10.9	10.2	11.2	86	57	64	69	5.3	5.7	—	—	—	—	1.3	06 3	04 2	06 2
27	15.6	21.6	18.8	18.7	24.2	14.3	13.0	11.4	11.1	11.3	11.3	86	57	70	71	7.7	7.6	—	—	—	—	1.9	06 1	04 2	06 1
28	17.0	24.3	20.3	20.5	26.6	14.6	13.5	11.1	11.6	10.9	11.2	76	51	61	63	5.3	9.5	—	—	—	3.5	2.4	04 1	08 1	06 2
29	17.0	22.6	18.0	18.9	23.5	15.5	14.8	13.8	12.0	12.4	12.7	95	58	80	78	8.0	5.8	3.5	—	—	—	1.6	06 1	08 1	06 1
30	17.4	21.2	19.0	19.1	22.6	15.4	14.4	12.8	12.5	12.2	12.5	86	66	74	75	7.0	5.1	—	—	—	1.1	1.4	06 1	08 2	06 1
31	16.1	22.5	17.8	19.5	24.2	14.8	13.5	13.4	13.0	11.7	12.7	97	64	76	79	7.0	4.9	1.1	—	0.5	0.5	1.4	06 1	08 2	06 2
MED.	16.6	21.7	18.2	18.7	23.7	15.1	13.7	11.7	12.8	11.7	12.1	86	64	74	75	7.1	6.0	0.6	0.2	0.5	1.2	1.6	— —	— —	— —

Total 37.7 m.m.

ESTACION Anolaima MES Agosto AÑO 1963 φ = 4° 45' N λ = 74° 29' W.GR - ALTURA 1.726 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.5	21.9	17.2	18.2	22.7	15.5	14.0	13.4	13.6	12.4	13.1	95	70	83	83	8.0	4.3	—	—	8.2	8.2	1.4	06 1	08 2	06 1
2	17.9	19.4	17.6	18.1	21.5	15.4	13.6	14.4	12.8	13.2	13.5	94	76	88	86	8.3	3.1	—	4.0	—	4.0	0.9	08 1	00 0	06 2
3	16.0	21.8	18.4	18.6	22.7	14.0	13.6	13.0	14.0	10.7	12.6	95	76	68	80	5.7	5.3	—	—	—	—	1.0	08 1	00 0	06 2
4	15.5	23.4	20.0	19.7	24.6	14.5	13.3	11.8	13.6	13.1	12.8	90	63	75	76	4.0	10.1	—	—	—	—	1.2	00 0	06 1	06 1
5	17.8	19.4	17.0	17.8	20.0	16.4	14.0	14.2	12.7	12.0	13.0	93	72	82	83	9.7	—	—	0.2	—	0.2	1.4	06 1	04 3	06 2
6	16.4	21.8	18.0	18.5	23.7	15.3	14.0	11.6	13.3	12.2	12.4	83	68	78	76	8.3	4.8	—	0.1	—	0.1	1.6	08 2	06 3	06 2
7	17.8	21.2	17.6	18.5	23.8	15.0	14.0	11.2	13.0	11.3	11.8	73	68	75	72	7.7	6.7	--	—	0.6	0.8	1.6	06 1	08 1	06 3
8	16.6	23.5	19.6	19.8	24.2	14.8	14.0	12.3	12.8	10.9	12.0	87	59	64	70	9.3	4.2	0.2	—	0.1	12.9	1.6	04 2	06 3	08 3
9	16.8	24.7	18.8	19.8	25.5	15.5	14.4	12.3	12.6	11.4	12.1	86	53	72	71	8.7	5.7	12.8	—	0.3	2.3	1.8	06 2	04 2	06 2
10	15.9	22.5	19.4	19.3	23.8	14.9	14.0	11.2	11.3	11.3	11.3	83	55	68	69	6.7	8.1	2.0	—	—	—	1.6	04 1	08 3	06 1
11	16.1	23.3	19.9	19.8	24.5	14.8	14.0	11.0	11.6	10.0	10.9	80	54	58	64	5.0	9.2	--	—	—	—	2.2	08 1	06 2	06 1
12	17.4	22.6	19.0	19.5	24.6	16.0	14.8	11.0	12.0	11.5	11.5	74	58	70	67	6.0	7.7	--	—	—	—	2.4	12.2	08 3	06 1
13	17.4	24.8	18.0	19.5	26.5	15.5	14.0	12.8	12.6	11.7	12.4	86	53	72	70	4.3	9.6	—	—	—	0.3	2.0	06 1	04 2	06 2
14	17.2	23.4	20.0	20.1	25.4	15.7	14.7	12.5	12.3	11.9	12.2	85	57	68	70	6.7	7.4	0.3	—	1.1	1.1	1.5	06 1	00 0	06 2
15	17.8	18.6	17.0	17.8	20.7	15.4	14.0	13.7	14.4	12.2	13.4	90	90	84	88	9.0	1.3	—	8.9	—	10.6	1.5	06 1	06 3	08 1
16	15.1	19.7	17.4	17.4	20.1	14.8	14.0	12.7	14.2	10.6	12.5	97	82	70	83	8.3	2.3	1.7	—	—	—	1.4	08 2	06 3	04 2
17	16.0	21.2	19.0	18.8	22.6	14.5	13.8	12.0	11.3	11.1	11.5	90	60	68	73	7.3	5.7	—	—	—	—	1.8	06 1	06 1	06 2
18	17.8	24.8	18.4	19.8	25.2	14.3	13.8	11.3	13.0	11.1	11.8	75	55	80	67	8.7	4.1	—	—	—	—	2.0	04 1	06 1	06 1
19	18.1	21.8	19.2	19.6	23.4	15.8	14.0	11.6	11.4	11.3	11.4	75	59	67	67	7.3	6.4	--	—	—	—	2.1	06 1	06 1	06 2
20	17.0	19.4	16.4	17.3	20.2	15.8	15.0	13.5	13.5	12.2	13.1	93	80	90	88	9.0	0.7	—	0.2	2.7	2.9	0.9	04 1	00 0	06 1
21	16.4	23.8	18.0	19.0	24.4	14.5	13.0	12.3	13.1	16.7	12.0	88	59	68	72	9.3	5.1	—	—	—	—	1.0	06 1	06 1	06 2
22	17.3	23.6	18.8	19.6	24.5	15.4	14.0	12.7	14.5	13.1	13.4	87	66	80	78	5.3	8.1	—	—	—	—	1.6	04 1	06 1	06 1
23	18.4	23.8	19.6	20.3	24.3	16.7	15.0	11.4	15.8	13.4	12.9	72	72	78	74	7.3	3.6	—	—	—	—	1.6	06 1	06 2	06 1
24	18.6	23.9	18.8	20.0	24.0	15.9	14.8	10.8	15.6	12.4	12.9	67	71	76	71	7.3	2.9	—	—	—	—	1.8	04 2	06 2	06 1
25	17.1	24.2	18.6	19.6	25.0	15.9	14.5	12.2	13.2	11.2	12.2	82	58	70	70	7.0	8.7	—	—	—	—	2.0	06 1	06 1	06 1
26	18.6	23.2	20.0	20.4	25.7	16.2	15.0	12.9	13.4	12.2	12.8	80	63	70	71	9.0	5.9	—	0.6	—	0.5	2.0	04 1	06 1	06 1
27	17.2	24.4	20.4	20.6	25.4	15.5	13.9	12.2	13.7	12.6	12.8	82	60	70	71	9.3	5.6	—	—	—	2.9	2.0	06 1	06 1	06 1
28	16.2	25.4	20.4	20.6	27.0	14.8	14.0	12.3	9.8	12.7	11.6	89	40	72	67	8.0	10.1	2.9	—	—	—	2.5	06 1	08 2	06 1
29	17.4	25.8	20.2	20.9	27.2	16.0	14.7	10.6	10.4	12.4	11.1	70	42	70	61	8.0	9.7	—	—	—	—	3.2	06 1	06 2	06 2
30	18.6	25.8	21.2	21.7	27.2	17.0	16.0	11.2	11.2	13.7	12.0	70	45	71	62	6.7	10.9	--	—	—	—	3.4	06 1	06 2	06 2
31	18.4	24.8	20.2	20.9	25.2	17.0	14.9	11.1	13.5	10.9	11.8	70	57	61	63	10.0	6.7	--	—	—	—	2.8	06 2	06 2	06 2
MED.	17.1	22.8	18.8	19.4	24.0	15.4	14.2	12.2	12.9	11.9	12.3	83	63	73	73	7.6	5.9	0.6	0.4	0.4	1.5	1.8	— -	— -	— -

Total 46.8 m.m.

ESTACION Anolaima MES Septiembre AÑO 1963 φ = 4º 45' N λ = 74º 25' W.GR - ALTURA 1.726 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.4	25.2	19.4	20.1	26.5	15.5	14.0	12.7	11.6	11.8	12.0	91	48	70	70	8.0	7.4	—	—	—	—	2.2	06 1	06 2	06 1
2	18.8	25.4	21.4	21.7	27.0	16.5	15.5	11.6	10.2	9.3	10.4	71	42	49	53	8.7	6.4	—	—	—	29.4	3.2	06 1	06 1	06 1
3	16.4	24.6	20.2	20.3	25.2	15.5	14.5	13.2	12.6	10.1	12.0	94	54	57	68	10.0	7.1	29.4	—	—	—	2.4	06 1	06 2	06 1
4	16.8	24.2	19.0	19.7	25.5	14.6	13.9	11.5	10.1	9.3	10.3	80	45	56	60	8.0	5.1	—	—	—	0.1	2.2	06 1	16 2	04 1
5	18.4	25.2	19.2	20.3	26.5	16.5	14.9	11.1	10.7	10.0	10.6	70	45	60	58	7.3	3.6	0.1	—	—	—	2.8	06 1	06 1	06 1
6	18.9	24.8	19.2	20.5	25.8	17.0	15.8	12.0	12.0	12.2	12.1	73	51	73	66	8.0	5.0	—	—	0.1	0.1	2.2	06 1	16 2	08 1
7	18.6	23.2	18.4	19.6	25.5	16.0	15.5	12.3	13.4	12.3	12.7	76	63	77	72	6.7	4.3	—	—	—	—	3.2	06 1	06 1	16 1
8	18.2	20.0	17.2	18.1	22.2	16.5	14.5	12.3	14.2	11.1	12.5	78	81	75	78	7.3	—	—	—	—	—	1.6	16 1	06 1	06 1
9	17.2.	24.5	20.1	20.5	26.5	15.6	14.5	12.7	13.0	11.1	12.3	87	56	67	70	7.7	8.7	—	—	—	4.5	2.1	06 1	04 1	06 2
10	17.6	22.6	17.9	19.0	23.1	15.0	14.1	12.1	13.4	12.8	12.8	79	65	84	76	6.7	0.8	4.5	—	—	—	1.4	00 0	06 2	06 2
11	18.4	25.6	19.4	20.7	26.7	16.5	15.0	12.0	13.4	10.7	12.0	75	54	63	64	5.7	6.3	—	—	0.1	0.1	1.9	06 1	04 2	04 1
12	16.8	24.4	18.3	19.4	25.7	16.3	15.5	13.9	12.2	13.9	13.3	97	53	88	79	6.7	4.6	—	—	—	—	1.8	08 2	04 3	08 2
13	16.4	25.7	18.8	19.9	26.5	15.9	14.8	11.8	10.9	11.3	11.3	85	44	70	66	5.3	6.8	—	—	—	3.2	2.4	06 1	04 2	06 2
14	16.6	24.2	19.9	20.1	25.5	15.8	15.0	13.3	13.2	12.0	12.8	94	58	70	74	10.0	4.8	3.2	2.1	—	48.1	1.9	04 1	06 2	06 2
15	17.2	23.9	19.0	19.8	23.0	15.3	14.5	12.3	11.3	12.9	12.2	84	51	78	71	9.0	7.1	46.0	—	—	0.7	2.4	04 1	06 1	06 2
16	17.3	23.8	21.6	21.1	26.2	16.0	14.4	13.2	12.1	13.3	12.9	90	54	69	71	8.0	4.4	0.7	—	—	0.4	2.2	06 1	04 2	08 2
17	16.8	21.3	18.0	18.5	22.6	16.3	15.0	12.4	13.3	11.5	12.4	87	71	74	77	6.7	4.0	0.4	—	—	—	2.0	06 1	04 2	06 2
18	17.6	22.3	19.0	19.5	23.5	16.4	14.8	12.4	12.6	10.4	11.8	82	64	63	70	7.7	0.6	—	—	—	—	1.8	04 1	06 2	06 1
19	17.3	22.8	18.5	19.3	23.9	15.3	13.9	13.0	12.5	11.2	12.2	89	61	70	73	8.3	1.2	—	—	--	0.2	1.8	04 1	06 2	06 1
20	17.0	24.2	17.6	19.1	25.7	15.8	14.1	13.5	13.2	11.2	12.6	93	58	74	75	5.7	4.0	0.2	—	—	—	1.6	04 2	08 3	06 1
21	16.2	22.6	19.2	19.3	24.3	14.8	13.5	12.2	12.1	12.2	12.2	88	59	73	73	6.7	5.5	—	—	—	—	2.0	04 1	16 3	08 2
22	16.8	25.3	18.2	19.6	26.5	15.0	14.0	12.0	14.0	13.1	13.0	83	58	84	75	5.7	5.2	—	—	—	—	2.0	04 1	16 3	08 2
23	17.3	18.0	17.2	17.4	22.0	16.0	15.0	14.4	14.5	11.8	13.6	98	93	80	90	8.7	1.4	—	3.0	—	3.0	1.6	16 2	04 2	06 1
24	17.6	24.8	19.6	20.4	26.7	15.0	14.0	11.2	11.6	13.4	12.0	74	48	78	67	7.0	8.5	--	—	—	0.2	2.0	06 1	04 2	04 1
25	17.8	21.8	17.0	18.4	23.2	15.5	13.7	13.5	13.6	12.6	13.2	89	70	87	82	8.3	2.4	0.2	—	2.9	2.9	1.6	04 1	06 2	04 1
26	16.6	22.3	19.6	19.5	23.0	14.5	13.6	13.9	14.1	14.9	13.0	98	70	63	77	10.0	3.7	—	—	—	—	1.4	06 1	04 3	06 1
27	17.9	23.3	21.2	20.9	24.0	16.0	14.5	12.8	13.4	12.2	12.8	84	64	59	69	7.7	7.1	—	—	—	—	2.0	04 1	06 2	06 2
28	17.3	24.8	20.4	20.7	26.5	15.7	14.0	11.4	12.6	10.2	11.4	77	52	58	62	7.0	7.3	—	—	—	—	2.6	06 1	08 2	04 1
29	17.6	25.0	18.0	19.6	26.5	15.3	14.0	11.6	10.8	11.2	11.2	76	46	72	65	8.7	4.7	—	0.2	—	0.2	2.2	06 1	04 4	04 1
30	16.0	18.0	17.0	17.0	24.5	14.8	13.3	13.1	13.8	12.3	13.1	98	90	85	90	8.0	5.2	—	44.2	—	44.2	1.0	04 1	06 2	04 2
31																									
MED.	17.3	23.5	19.0	19.7	25.1	15.7	14.5	12.5	12.5	11.6	12.2	85	59	71	71	7.6	4.8	2.8	1.6	0.1	4.6	2.0	— —	— —	— —

Total 137.3 m.m.

ESTACION Anolaima MES Octubre AÑO 1963 φ = 4° 45' N λ = 74°29' W.GR - ALTURA 1.728 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.9	23.8	19.2	19.8	25.7	14.5	12.8	13.8	12.4	14.2	13.5	96	56	86	79	8.3	7.4	—	0.1	3.0	3.1	1.6	04 1	04 3	06 2
2	16.8	24.3	19.0	20.0	26.0	14.7	13.8	12.9	12.1	13.8	12.9	90	50	84	75	6.7	8.9	—	—	—	35.0	1.8	06 1	04 3	06 2
3	15.5	19.8	18.2	17.9	22.0	14.4	14.0	12.9	14.7	12.9	13.5	98	85	82	88	8.3	3.9	35.0	1.7	—	17.8	0.8	06 1	04 2	06 1
4	17.2	23.6	19.2	19.8	24.2	15.3	14.5	12.7	12.5	12.9	12.7	87	57	77	74	7.3	7.2	16.1	—	—	3.1	1.0	04 1	06 3	08 2
5	17.8	21.3	18.8	18.2	25.7	15.9	14.5	13.2	11.7	12.3	12.4	86	62	75	74	4.7	8.4	3.1	—	—	—	1.2	08 1	06 2	06 2
6	17.0	24.4	18.6	19.6	25.1	15.9	14.6	14.0	14.5	15.2	14.6	96	63	94	84	7.0	9.5	—	—	—	0.1	2.8	04 1	06 2	08 2
7	18.3	24.4	20.0	20.7	26.0	16.6	14.0	11.8	11.8	11.4	11.7	75	51	65	64	7.7	8.3	0.1	—	—	18.1	2.2	06 1	04 2	06 2
8	17.9	23.3	19.4	20.0	24.0	15.7	14.6	12.8	14.8	13.2	13.6	83	68	78	76	8.3	4.8	18.1	—	—	47.6	1.4	04 1	08 2	06 1
9	17.4	22.5	18.0	19.0	24.0	15.0	14.3	12.9	11.6	11.2	11.9	87	57	72	72	6.0	6.9	47.6	—	—	—	0.7	04 1	06 2	06 1
10	17.8	25.4	19.6	20.6	26.5	15.4	13.6	10.6	12.0	9.0	10.5	70	49	52	57	5.0	9.5	—	—	—	—	2.6	08 2	04 2	08 2
11	16.2	24.3	19.8	20.0	25.2	14.5	12.0	11.2	12.3	11.4	11.6	81	54	66	67	4.3	9.3	—	—	—	—	2.2	06 1	04 2	06 2
12	18.2	23.6	19.3	20.1	25.2	18.5	14.5	13.9	13.5	12.6	13.3	89	62	76	76	8.3	6.3	—	—	—	0.7	1.8	06 1	06 2	04 2
13	16.4	20.8	17.4	18.0	20.4	15.5	14.3	13.7	13.8	14.0	13.8	98	74	94	89	8.0	1.5	0.7	5.1	—	5.1	0.4	00 0	04 1	06 1
14	17.2	24.8	19.8	20.4	26.5	15.7	14.8	13.7	12.3	13.9	13.3	93	92	80	75	5.3	7.3	—	—	—	—	1.1	04 1	08 2	08 2
15	16.6	18.8	18.0	17.8	21.2	15.2	14.6	13.9	14.3	14.5	14.2	98	88	93	93	7.3	2.5	—	1.1	—	1.1	0.8	04 2	06 2	16 2
16	16.8	20.8	17.6	18.2	22.5	15.5	15.0	13.7	13.8	13.1	13.5	97	74	90	87	9.3	1.8	—	0.6	0.2	35.1	0.8	04 1	06 2	06 2
17	16.8	18.3	17.0	17.3	20.3	15.0	14.0	13.4	14.8	13.5	13.9	93	94	93	93	9.3	1.3	34.3	—	—	—	0.6	04 1	06 2	06 1
18	19.4	23.8	20.0	20.8	24.3	15.9	14.1	12.0	10.9	9.9	10.9	71	49	57	59	7.7	9.8	—	—	—	—	2.4	06 1	04 2	06 2
19	17.6	22.8	19.3	19.7	23.3	16.5	15.5	12.1	13.0	10.0	11.7	80	63	60	68	9.0	5.6	—	—	—	—	1.8	06 1	04 2	06 2
20	18.0	24.6	19.6	20.4	26.0	17.0	15.0	11.4	11.1	8.3	10.3	73	48	48	56	6.0	6.9	—	—	—	—	2.6	04 1	06 2	06 2
21	18.6	25.4	19.8	20.9	26.0	16.4	13.6	9.5	10.2	9.4	9.7	59	42	54	52	5.0	8.7	—	—	—	—	2.8	08 1	04 2	08 2
22	16.8	21.8	19.4	19.3	22.3	15.2	12.8	13.9	12.8	9.3	12.0	97	65	55	72	6.3	6.6	—	—	—	—	1.8	06 1	04 1	06 1
23	17.8	25.8	21.4	21.6	26.5	16.2	14.8	13.2	13.3	11.1	12.5	86	53	58	66	6.3	9.0	—	—	—	3.5	1.8	04 1	06 1	06 1
24	17.6	24.5	20.0	20.5	25.6	15.5	14.9	14.2	13.2	13.4	13.6	94	57	73	75	8.0	7.5	3.5	—	—	25.2	1.6	04 1	08 2	06 1
25	17.0	21.8	17.4	18.4	24.5	14.5	13.8	13.1	16.0	14.2	14.4	88	82	96	89	7.0	5.1	25.2	0.8	—	0.8	1.0	06 1	00 0	04 1
26	17.2	19.6	17.0	17.7	21.3	15.5	14.0	14.4	13.7	13.5	13.9	98	80	93	90	8.7	2.3	—	6.1	—	6.4	0.2	06 1	06 2	06 2
27	17.4	23.8	19.4	20.0	24.1	15.5	14.0	13.6	15.1	14.4	14.4	91	68	96	82	7.7	7.7	0.3	—	—	2.7	0.6	04 1	08 1	04 1
28	16.5	19.4	17.0	17.5	21.5	15.0	14.4	13.5	14.7	13.8	14.0	97	88	95	93	9.0	2.5	2.7	15.8	—	15.8	0.4	16 2	04 1	04 1
29	17.2	19.9	18.0	18.2	22.5	15.0	13.5	14.3	14.7	14.7	14.6	98	85	95	93	8.0	5.2	—	7.3	—	7.3	0.2	06 2	04 1	08 1
30	16.6	20.4	17.3	17.9	21.1	15.3	14.1	13.7	15.0	13.9	14.2	97	84	94	92	10.0	3.3	—	5.9	—	13.0	0.6	00 0	08 1	04 2
31	16.4	19.8	16.8	17.4	23.2	15.5	14.3	13.7	14.2	14.1	14.0	98	82	98	93	10.0	2.6	7.1	0.1	0.1	0.2	0.4	04 2	04 2	04 1
MED.	17.2	22.5	18.8	19.3	24.0	15.5	14.2	13.0	13.2	12.6	12.9	88	66	78	77	7.4	6.0	6.2	1.4	0.1	7.8	1.4	— —	— —	— —

Total 281.7 m.m.

ESTACION Anolaima MES Noviembre AÑO 1963 φ = 4° 45' N λ = 74° 25' W.GR - ALTURA 1.726 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.8	21.2	18.0	18.5	22.5	15.0	12.5	12.9	15.3	14.1	14.1	90	81	92	88	9.0	1.2	—	—	—	—	0.8	16 1	06 1	06 2
2	16.6	20.4	18.0	18.2	21.7	15.5	12.5	13.9	15.3	14.5	14.6	98	85	93	92	9.3	3.4	—	—	—	—	0.6	06 1	06 1	06 1
3	16.3	18.6	17.8	17.6	22.2	14.4	12.5	13.4	15.5	14.6	14.5	97	96	95	96	8.7	3.5	—	27.5	0.1	27.6	0.6	04 2	16 1	04 1
4	16.4	22.6	17.2	18.3	23.2	15.0	14.1	13.7	15.0	13.7	14.1	98	76	94	89	10.0	4.0	—	0.1	—	0.9	0.6	12 1	00.2	04 1
5	16.8	20.6	17.2	17.9	22.0	15.0	14.5	13.9	14.2	14.1	14.1	97	78	96	90	9.7	4.0	0.8	3.3	3.8	7.2	0.4	04 1	06 1	06 1
6	16.4	19.4	16.8	17.3	22.6	14.5	12.5	13.7	14.4	13.9	14.0	98	86	94	93	8.0	6.4	0.1	—	—	—	0.8	16 1	06 1	04 1
7	16.6	22.0	18.0	18.6	23.3	15.0	14.0	13.7	14.0	15.2	14.3	97	71	98	89	9.3	3.8	—	0.2	0.1	0.3	0.6	16 1	06 1	06 1
8	15.8	22.4	17.8	18.4	23.7	14.0	12.5	13.2	15.2	14.4	14.3	98	74	94	89	8.0	4.8	—	1.5	2.3	23.3	0.6	12 1	06 1	04 1
9	16.6	22.6	18.4	19.0	23.3	15.0	13.5	13.9	13.8	14.2	14.0	98	65	90	84	8.0	—	19.5	—	—	—	1.0	04 1	06 2	06 1
10	17.6	21.8	16.8	18.2	23.8	15.4	14.5	14.5	15.4	13.5	14.4	96	79	94	90	8.7	3.8	—	—	2.7	11.9	0.8	04 1	06 1	06 1
11	16.2	18.8	17.8	17.6	20.0	15.0	14.5	13.4	14.0	13.7	13.7	97	86	90	91	10.0	—	9.2	4.4	—	7.2	0.4	16 1	06 1	04 1
12	15.8	20.6	17.4	17.8	21.7	15.0	13.8	13.2	14.5	14.4	14.0	98	80	97	92	10.0	1.0	2.8	0.9	—	0.9	0.4	16 1	06 1	08 1
13	15.8	20.2	17.0	17.5	21.2	14.5	13.5	13.1	12.7	14.0	13.3	97	72	96	88	10.0	0.3	—	—	—	1.1	0.8	16 1	06 1	06 1
14	16.2	20.6	17.0	17.7	22.5	15.0	14.0	13.6	13.2	13.5	13.4	94	73	93	87	10.0	2.6	1.1	—	0.3	6.0	0.6	04 2	06 1	08 1
15	15.4	20.4	16.2	17.0	21.3	14.5	13.5	12.6	15.3	13.4	13.8	96	85	97	93	10.0	0.5	5.7	0.3	—	0.3	0.6	04 1	06 2	08 1
16	15.2	18.6	16.6	16.7	20.2	14.5	13.7	12.4	13.8	13.2	13.1	96	86	93	92	10.0	0.5	—	—	—	5.3	0.6	16 1	04 1	04 1
17	15.0	21.8	17.0	17.7	22.0	14.5	13.7	12.5	12.4	14.1	13.0	98	64	97	86	10.0	5.5	5.3	—	—	0.3	0.6	16 1	04 1	08 1
18	14.2	21.4	17.0	17.4	21.6	12.0	11.0	11.6	14.2	13.8	13.2	96	74	95	88	8.0	2.2	0.3	—	0.1	0.1	0.6	16 1	06 1	06 1
19	15.2	21.2	18.0	18.1	24.4	12.5	10.5	9.8	14.2	12.2	12.1	78	75	78	87	8.7	5.8	—	—	—	—	1.6	04 1	06 1	06 1
20	16.2	21.8	18.8	18.9	23.5	14.0	11.0	10.5	12.9	9.4	10.9	75	66	58	66	7.7	7.5	—	—	—	—	1.6	06 1	06 1	04 1
21	17.4	20.8	17.2	18.1	23.5	15.0	14.1	12.2	14.4	12.9	13.2	82	78	88	83	10.0	2.6	—	0.5	21.5	29.5	1.0	04 1	06 1	06 2
22	14.8	19.8	17.0	17.1	20.6	14.0	13.1	12.4	12.9	12.6	12.6	98	74	87	86	9.3	1.7	7.5	7.9	—	8.5	1.0	06 1	06 1	06 1
23	15.8	20.6	17.4	17.8	22.0	15.0	14.5	13.1	14.2	14.4	13.9	97	78	97	91	10.0	2.9	0.6	5.3	—	9.1	0.7	04 1	08 1	04 1
24	16.2	19.8	16.0	17.0	22.2	15.5	14.5	13.5	13.2	13.7	13.5	98	76	100	91	9.7	3.1	3.8	16.9	1.6	19.7	0.8	06 1	08 1	06 2
25	15.6	24.2	18.0	18.9	24.5	14.8	13.5	12.5	11.6	14.6	12.9	94	51	94	80	9.3	7.4	1.2	—	—	1.0	0.8	04 1	06 1	06 2
26	14.2	22.8	16.4	17.4	23.5	14.0	13.1	11.9	12.5	12.9	12.4	98	60	92	83	8.7	5.1	1.0	—	—	—	0.8	04 1	06 1	06 1
27	15.8	23.2	17.2	18.3	24.0	13.5	11.0	10.8	10.9	9.3	10.3	81	51	63	65	8.7	7.4	—	—	—	—	1.6	06 1	06 1	06 1
28	15.6	19.8	16.8	17.2	21.0	13.5	11.5	11.9	13.6	11.5	12.3	90	79	80	83	8.0	4.7	—	—	—	—	1.0	04 1	06 1	06 1
29	15.8	23.2	18.8	19.1	24.5	14.0	11.5	12.9	15.0	14.5	14.1	96	70	89	85	7.7	9.1	—	—	—	—	1.0	16 1	06 1	06 1
30	16.4	24.8	19.6	20.1	25.6	16.5	13.6	11.1	15.1	14.0	13.4	80	64	82	75	6.3	7.9	—	—	—	—	1.2	06 1	06 1	06 2
31																									
MED.	16.0	21.2	17.4	18.0	22.6	14.5	13.1	12.7	14.0	13.5	13.4	93	74	90	86	9.0	3.7	2.0	2.3	1.1	5.3	0.8	— —	— —	— —

Total 160.2 m.m.

ESTACION Anolaima MES Diciembre AÑO 1963 φ = 4º 45' N λ = 74º 29' W.GR - ALTURA 1.726 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.6	23.0	19.9	19.8	25.0	16.0	14.8	13.6	15.5	15.4	14.8	96	73	89	86	6.7	5.1	—	—	—	—	0.9	06 1	06 1	04 2
2	16.4	21.4	18.4	18.6	22.5	15.6	14.7	13.3	14.9	13.0	13.7	95	78	82	85	7.3	6.8	—	—	—	—	0.8	06 1	06 1	04 2
3	17.8	22.2	18.6	19.3	22.8	15.0	13.0	13.5	16.2	13.8	14.5	89	78	86	84	6.0	2.7	—	—	—	—	0.8	04 1	06 1	04 2
4	16.4	22.2	19.4	19.3	24.0	15.0	14.0	13.4	15.9	16.1	15.1	96	80	95	90	9.0	5.1	—	—	32.2	32.2	0.8	16 1	06 1	06 1
5	16.0	24.1	19.4	19.7	25.0	15.0	13.8	12.3	14.9	14.4	13.9	90	66	86	81	5.7	8.7	—	—	—	—	0.8	06 1	06 2	04 2
6	18.2	25.4	19.0	20.4	26.2	17.0	15.5	11.4	12.9	11.5	11.9	72	53	70	65	6.0	10.0	—	—	—	0.1	1.8	06 1	06 2	06 1
7	19.4	25.1	19.7	20.7	26.2	16.8	15.1	12.0	14.2	14.0	13.4	75	60	82	72	7.7	5.9	0.1	—	—	—	1.2	04 1	06 1	06 1
8	18.6	25.2	19.9	20.9	26.1	17.1	16.0	14.8	14.9	12.0	13.9	93	62	70	75	10.0	6.2	—	—	—	—	1.4	06 1	06 1	06 1
9	18.4	22.6	17.6	19.0	24.0	16.5	14.5	15.1	15.5	13.6	14.7	95	75	91	87	7.7	3.8	—	1.9	0.1	2.0	0.9	06 1	06 1	06 1
10	16.0	24.2	19.2	19.7	26.2	15.5	14.0	11.4	11.4	11.6	11.5	84	50	67	67	4.3	9.7	—	—	—	—	2.0	04 1	06 2	06 1
11	20.0	24.0	20.0	21.0	26.0	16.0	14.2	11.4	13.5	13.5	12.8	65	60	77	67	9.3	5.8	—	—	—	—	2.0	06 1	06 1	04 2
12	18.8	24.8	19.9	20.8	26.9	16.6	15.5	12.7	12.6	16.7	14.0	78	53	96	76	6.7	6.8	—	—	7.1	7.1	1.6	04 1	06 1	06 1
13	18.0	22.8	18.8	19.6	25.5	16.0	14.5	13.7	13.0	15.5	14.1	89	64	95	83	7.7	6.7	—	—	—	—	0.8	04 1	06 1	06 1
14	16.0	24.0	18.4	19.2	26.0	14.0	13.0	9.4	12.5	12.8	11.6	70	60	81	70	4.7	9.7	—	—	—	—	1.6	12 1	06 2	05 1
15	17.3	25.8	20.6	21.1	27.3	16.0	14.8	10.7	14.0	14.7	13.1	75	56	81	71	7.7	10.3	—	—	—	—	2.1	16 1	06 1	04 1
16	18.2	24.6	18.2	19.8	26.2	15.8	14.3	14.0	15.0	14.3	14.4	90	65	92	82	4.7	9.9	—	—	—	—	1.6	04 1	06 1	06 1
17	18.8	21.2	19.3	19.6	23.0	17.0	15.6	14.3	15.4	15.6	15.1	88	82	94	88	10.0	2.1	—	5.2	0.1	5.3	1.0	06 1	04 1	04 1
18	17.0	25.0	19.9	20.4	25.5	15.5	14.0	14.0	15.4	16.1	15.2	96	65	93	85	7.3	5.8	—	—	—	—	1.2	16 1	05 1	16 1
19	18.2	22.3	19.2	19.7	23.5	16.5	14.8	14.8	15.9	15.9	15.5	94	80	95	90	7.3	2.7	—	—	—	—	0.6	16 1	06 1	04 1
20	18.5	24.8	18.2	19.9	25.5	17.0	16.0	15.1	14.0	13.7	14.3	94	60	88	81	7.7	7.6	—	—	—	0.2	0.8	04 1	06 1	06 2
21	17.8	25.2	20.4	20.9	26.3	16.0	14.9	10.6	14.4	14.8	13.3	70	60	83	71	7.7	9.1	0.3	—	—	—	1.0	08 1	08 1	08 1
22	18.8	20.9	18.5	19.2	22.2	17.0	16.0	14.6	15.5	12.9	14.3	90	86	80	85	7.7	1.9	—	—	0.2	0.2	1.0	04 1	06 1	06 1
23	18.5	23.0	19.2	20.0	24.8	17.0	15.5	14.3	14.8	11.7	13.9	90	70	70	77	9.7	7.3	—	—	—	—	1.4	06 1	06 1	06 2
24	17.4	24.0	20.2	20.4	25.5	16.0	14.6	12.6	13.5	13.7	13.3	85	80	77	74	7.0	6.9	—	—	—	—	1.8	04 1	06 1	06 1
25	18.0	24.0	19.9	20.4	26.5	16.0	14.9	14.5	14.3	16.4	15.1	93	64	95	84	7.3	3.3	—	6.9	15.2	22.1	1.0	10 1	10 2	04 1
26	17.8	25.2	20.0	20.7	26.5	16.0	14.5	14.6	15.2	16.6	15.5	95	65	95	85	5.3	6.2	—	0.1	0.9	1.0	0.8	10 1	10 1	16 1
27	18.8	26.2	20.8	21.6	26.9	17.0	16.0	15.7	16.5	17.5	16.6	96	64	95	85	9.3	6.0	—	—	1.3	63.2	0.8	08 2	08 2	12 1
28	18.5	26.6	20.4	21.5	27.3	16.0	14.0	14.0	15.2	16.5	15.2	88	58	92	79	5.7	8.2	61.9	—	—	9.6	1.2	12 1	06 1	06 1
29	18.8	25.0	19.2	20.5	25.5	17.0	15.5	15.5	16.3	15.9	15.9	95	68	95	86	8.3	4.6	9.6	—	27.4	29.4	0.6	16 2	10 2	06 1
30	18.8	22.0	18.8	19.6	23.5	17.0	16.0	15.7	14.9	15.0	15.2	96	75	93	88	9.7	2.1	2.0	—	—	—	0.6	12 1	12 1	12 1
31	17.0	26.6	19.9	20.8	27.0	15.5	14.0	13.8	15.8	16.4	15.3	95	60	95	83	5.0	5.8	—	—	1.0	1.0	0.8	08 1	06 1	12 1
MED.	17.9	24.0	19.4	20.1	25.3	16.1	14.8	13.4	14.6	14.6	14.2	88	66	86	80	7.2	6.2	2.4	0.4	2.8	5.6	1.2	— —	— —	— —

Total 173.5 m.m.

ESTACION: ANOLAIMA RESUMEN MENSUAL Y ANUAL ANO: 1.963

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS Min.						Humedad Relativa					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
						Max. Min. Max. Min. Med.										Max. Min Med.									Días		
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Med. Med. Abs.	D.	Abs.	D.	Sue.	7	14	20	Med.	Abs.	Abs.	Abs.		Med.	Solar		7	14	20	Suma	lluv.	Max.	D.
Enero						15.6	22.1	18.0	18.4	23.7	14.3	26.3	6	13.0	18	12.4	92	67	85	81	45	15.7	7.6	12.9	9.2	6.2	1.1	17.2	22.7	7.8	47.7	11	14.4	25
Febro						15.6	20.9	17.2	17.7	22.7	14.4	26.0	15	12.5	15	12.5	93	78	90	87	53	16.6	10.5	13.3	8.9	4.2	0.7	28.2	46.8	71.8	146.8	16	43.6	19
Marzo						16.6	22.4	18.3	18.9	24.0	15.0	27.2	21	13.6	2	13.5	89	67	86	81	44	15.5	9.2	13.3	8.0	5.3	1.2	18.4	13.5	22.8	54.7	12	21.6	24
Abril						16.6	21.0	17.4	18.1	23.2	15.0	26.3	15	13.7	V	13.8	92	76	88	85	50	15.9	10.4	13.4	8.4	3.5	0.6	55.3	96.9	110.2	262.5	27	43.2	4
Mayo						16.8	21.8	18.2	18.7	23.7	15.4	25.5	V	14.0	11	14.3	91	70	83	81	51	16.4	10.1	13.3	7.5	5.6	0.9	171.8	14.9	37.5	233.1	25	85.7	10
Junio						17.1	22.2	18.5	19.0	23.7	15.3	26.8	23	13.3	14	14.0	85	62	74	74	37	14.5	8.5	12.2	7.0	5.6	1.4	20.1	9.0	11.6	32.7	14	14.1	13
Julio						16.6	21.7	18.2	18.7	23.7	15.1	27.0	1	13.0	20	13.7	86	64	74	75	44	15.1	9.0	12.1	7.1	6.0	1.5	18.3	5.0	15.4	37.7	17	8.9	16
Agsto						17.1	22.8	18.8	19.4	24.0	15.4	27.2	V	14.0	3	14.2	83	63	73	73	40	15.8	9.8	12.3	7.6	5.9	1.8	19.9	13.9	13.0	46.8	13	12.9	8
Spbre						17.3	23.5	19.0	19.7	25.1	15.7	27.0	2	14.5	26	14.5	85	59	71	71	42	14.5	9.3	12.2	7.6	4.8	2.0	84.7	49.5	3.1	137.3	15	48.1	14
Ocbre						17.2	22.5	18.8	19.3	24.0	15.5	26.5	V	14.4	3	14.2	88	66	78	77	42	16.0	8.3	12.9	7.4	6.0	1.3	193.8	44.6	3.3	241.7	20	47.6	8
Nvbre						16.0	21.2	17.4	18.0	22.6	14.5	25.6	30	12.0	18	13.1	93	74	90	86	51	15.5	9.3	13.4	9.0	3.7	0.8	58.9	68.8	32.5	160.2	19	29.5	21
Dcbre						17.9	24.0	19.4	20.1	25.3	16.1	27.3	V	14.0	14	14.8	88	66	86	80	50	17.5	9.4	14.2	7.2	6.2	1.1	73.9	14.1	85.5	173.5	13	63.2	27
MED. ANUAL						16.7	22.2	18.3	18.9	23.8	15.1	26.5	—	13.5	—	13.8	89	68	82	80	46	15.8	9.3	12.9	7.9	5.3	1.2	63.4	33.3	34.5	131.2	202	361	—

editorial cenicafé Nº 189

Precipitación total : 1.574.7

Precipitación máxima : 85.7 - 10 - V

Días lluviosos : 202

ESTACION: ANOLAIMA — FRECUENCIA DE PRECIPITACION Y TEMPERATURAS — AÑO: 1963

MESES	PRECIPITACION																					TEMPERATURAS			
	7 horas					14 horas					20 horas					Total							Min. abajo de 14 ºC	Min. arriba de 16 ºC	Max. abajo de 22 ºC	Max. arriba de 26 ºC
	más de					más de					más de					más de										
	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0				
Enero	3	3	—	—	—	4	3	1	—	—	6	4	—	—	—	11	10	5	4	1	—	—	13	—	5	3
Febro	5	4	1	—	—	11	7	1	1	—	9	8	2	2	—	16	12	10	7	4	3	—	7	—	10	1
Marzo	7	6	—	—	—	1	1	1	—	—	6	2	1	—	—	12	8	4	4	2	1	—	3	4	4	4
Abril	18	8	2	—	—	10	8	3	2	—	17	13	3	1	—	27	22	19	15	9	4	—	3	3	8	2
Mayo	18	12	6	2	1	16	5	—	—	—	7	2	1	1	—	25	17	14	10	6	2	1	1	9	5	—
Junio	9	4	—	—	—	6	2-	—	—	—	4	3	—	—	—	14	7	3	1	--	—	--	3	9	5	2
Julio	9	5	—	—	—	5	1	—	—	--	11	4	—	—	—	17	12	4	2	--	—	—	3	1	4	3
Agsto	6	4	1	—	—	6	2	—	—	—	6	3	—	—	—	13	8	6	3	2	—	—	1	7	5	4
Spbre	9	4	2	2	—	4	3	1	1	—	3	1	—	—	—	15	7	7	3	3	3	—	—	12	1	11
Ocbre	13	10	6	4	—	11	7	1	—	—	3	1	—	—	—	20	16	15	11	8	4	—	—	6	7	7
Nvbre	14	10	1	—	—	12	7	2	1	—	9	5	1	1	—	19	13	11	11	5	3	—	9	—	12	—
Dcbre	5	3	1	1	1	4	3	—	—	—	10	6	3	2	—	13	10	7	7	4	4	1	1	22	—	15
SUMA ANUAL	116	73	20	9	2	96	49	10	5	—	91	52	11	7	—	202	142	105	78	44	24	2	44	73	66	52

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 mm

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	1	1	—	1	—	—	—	—	—	—	—	2	3	3	1	1	2	2	2	1	2	2	—	—	10
Febro	4	4	4	2	1	1	1	1	—	1	1	2	6	10	5	5	6	5	5	3	2	1	2	4	16
Marzo	1	1	1	2	2	2	2	1	1	1	2	1	1	3	2	2	1	--	—	1	2	1	3	2	13
Abril	3	4	5	6	8	7	6	4	4	4	5	2	6	7	8	8	9	6	5	4	5	5	3	2	16
Mayo	8	9	9	11	9	8	5	7	5	2	1	4	6	3	2	4	1	4	1	1	3	5	7	7	26
Junio	4	3	—	1	—	1	1	1	1	1	3	2	2	2	3	2	1	1	1	—	2	3	4	3	14
Julio	1	2	5	4	3	1	2	—	1	1	1	1	2	2	2	6	6	2	2	1	—	—	1	1	17
Agsto	3	5	4	1	2	2	3	1	2	2	2	2	1	2	1	3	2	1	3	1	—	—	1	3	15
Spbre	2	4	4	1	—	1	2	1	1	—	—	—	3	2	2	1	—	1	—	—	—	1	—	1	15
Ocbre	7	11	10	6	5	4	4	3	4	5	5	5	2	3	1	—	—	1	1	2	—	2	4	9	21
Nvbre	4	3	4	3	5	8	7	5	5	3	4	4	4	3	3	2	3	4	2	4	5	7	4	2	21
Dcbre	—	—	2	1	—	—	—	—	—	—	—	1	1	4	5	2	2	3	3	3	2	2	3	3	14
SUMA ANUAL	38	47	48	39	35	35	33	24	24	20	24	27	27	44	35	36	33	30	25	21	23	29	32	37	198

ESTACION: **ANOLAIMA** — FRECUENCIA DE NUBOSIDAD - BRILLO SOLAR Y VIENTOS — AÑO 1.963

MESES	NUBOSIDAD en décimos		BRILLO SOLAR		NUMERO DE DIAS CON: VIENTOS																					
					7 horas									14 horas								20 horas								
	Bajo 3.0	Más 8.0	Bajo 0.9	Mas 9.0	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C
Enero	—	28	2	5	1	—	2	5	3	7	—	12	1	—	—	8	4	1	8	—	10	—	3	—	7	5	—	5	—	10	1
Febro	—	18	3	3	—	—	3	2	1	10	—	7	5	2	—	8	2	—	7	—	9	—	—	—	11	2	2	5	—	7	1
Marzo	-	16	1	5	2	—	7	8	2	8	—	1	3	—	—	7	6	—	16	—	1	1	4	1	5	8	1	7	—	1	4
Abril	—	18	10	1	5	1	3	12	3	3	—	2	1	—	—	1	12	3	10	1	1	2	1	1	10	13	2	2	—	—	1
Mayo	—	14	1	4	—	—	13	12	—	2	—	4	1	1	—	4	10	3	11	-	1	1	—	1	4	21	—	—	2	—	3
Junio	—	7	2	4	—	—	11	14	—	3	1	—	1	1	—	5	13	8	1	—	1	1	—	—	1	27	—	—	—	—	2
Julio	—	10	—	5	1	—	2	18	6	—	—	—	4	—	—	4	9	12	—	3	—	3	—	—	1	27	3	—	—	—	—
Agsto	—	16	2	6	—	—	7	18	4	—	1	—	1	—	—	3	20	5	—	—	—	3	—	—	2	27	2	—	—	—	—
Spbre	—	14	3	—	3	—	8	17	1	—	—	—	1	3	—	12	13	2	—	—	—	—	1	—	7	18	4	—	—	—	—
Ocbre	—	14	—	5	1	—	14	11	3	—	—	—	2	—	—	14	12	4	—	—	—	1	1	—	6	21	3	—	—	—	—
Nvbre	—	27	6	1	10	—	13	5	—	—	2	—	—	1	—	2	26	1	—	—	—	—	—	—	8	18	4	—	—	—	—
Dcbre	—	7	—	6	5	—	9	9	3	2	3	—	—	—	—	1	24	2	3	1	—	—	2	—	10	15	1	—	3	—	—
SUMA ANUAL	—	189	30	45	28	1	92	131	26	35	7	26	19	8	—	69	151	41	56	5	23	12	12	3	72	202	22	19	5	18	15

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	—	15	4	15	14	12	10	9	10	1	—	31	6	2	2	3	3	8	4	4	3	7	18
Febro	—	—	8	8	7	5	4	5	5	4	2	—	28	10	6	6	6	10	9	9	8	9	16	21
Marzo	—	3	8	6	8	7	4	7	9	8	4	—	25	10	6	4	8	5	6	4	4	7	4	17
Abril	—	3	2	5	4	3	5	7	2	6	4	—	23	15	14	9	12	9	11	12	9	14	14	23
Mayo	—	4	7	5	7	10	10	8	14	13	10	—	25	18	10	6	12	7	7	7	3	5	6	10
Junio	—	6	7	6	7	5	7	8	9	7	6	—	17	11	4	3	6	7	5	5	7	8	6	15
Julio	—	7	11	11	7	4	6	7	5	5	3	—	15	8	5	1	1	4	8	7	3	10	10	18
Agsto	—	8	10	8	8	4	5	7	8	6	9	—	17	8	6	4	5	5	7	3	5	3	6	13
Spbre	—	3	6	9	6	3	2	6	6	6	4	—	25	19	11	7	6	6	6	6	6	11	11	22
Ocbre	—	6	9	10	9	6	8	12	13	11	8	—	20	9	8	8	7	6	8	4	5	5	6	19
Nvbre	—	—	5	7	6	3	3	2	2	7	3	—	29	15	16	11	11	12	11	8	7	6	14	20
Dcbre	—	—	8	7	6	8	8	10	6	7	7	—	29	10	1	—	1	1	—	4	3	3	7	14
SUMA ANUAL	—	40	96	93	90	72	74	89	88	90	61	—	284	139	89	61	78	75	86	69	66	82	107	220

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: ANOLAIMA DE LA PRECIPITACION AÑO: 1.963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h:min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	47.7	11	10	4	14	30.5	17.2	9:35'	4:50'	14:25'	14.3	1:45'	0.13	5.2	1.0	2:05'	8.9	0.07	3.0	0.6
Febro	146.8	16	24	9	33	125.6	21.2	38:55'	12:30'	51:25'	43.4	13:20'	0.05	4.0	0.8	13:20'	43.4	0.05	4.0	0.8
Marzo	54.7	12	10	8	18	41.0	13.7	11:00'	13:15'	24.15'	19.8	2:00'	0.16	8.0	1.6	5.:00'	6.7	0.02	0.5	0.1
Abril	282.5	27	31	27	58	20.0	62.5	42:30'	43:50'	86:20'	42.6	4:05'	0.17	8.2	1.6	8:25'	12.0	0.02	0.7	0.1
Mayo	233.1	25	26	31	57	96.9	136.2	25:35'	57:20'	82:55'	85.6	14:10'	0.10	4.6	0.9	14:10'	85.6	0.10	4.6	0.9
Junio	32.7	14	12	12	24	15.8	16.9	11:55'	11:30'	23:25'	7.7	3:00'	0.04	1.5	0.3	3:00'	7.7	0.04	1.5	0.3
Julio	37.7	17	19	11	30	20.4	17.3	14:55'	11:30'	26:25'	8.9	4:40'	0.03	0.5	0.1	4:40'	8.9	0.03	0.5	0.1
Agsto	46.8	13	15	16	31	26.9	19.9	11:35'	12:05'	23:40'	8.9	2:55'	0.05	0.7	0.1	3:30'	2.4	0.01	0.2	0.1
Spbre	137.3	15	1	14	15	0.7	136.6	0:50'	15:50'	16:40'	46.0	3:20'	0.23	10.1	2.0	3:20'	46.0	0.23	10.1	2.0
Ocbre	241.7	20	14	26	40	36.7	205.0	14:20'	49:40'	64:00'	47.6	4:45'	0.16	4.1	0.8	5:30'	25.2	0.07	2.0	0.4
Nvbre	160.2	19	24	24	48	92.9	67.3	27:30'	37:35'	64:35'	27.6	2:55'	0.15	8.0	1.6	6:40'	5.1	0.01	0.5	0.1
Dcbre	173.5	13	15	6	21	161.5	12.0	18:20'	4:20'	22:40'	63.2	4:25'	0.23	10.2	2.0	4:25'	63.2	0.23	10.2	2.0
TOTALES	1574.7	202	201	188	389	848.9	725.8	226:30'	274:15'	500:45'	415.6	61:20'	XX	XX	XX	74:05'	351.1	XX	XX	XX

ESTACION Sevilla MES Enero AÑO 1933 φ = 40° 18' N λ = 7° 56' W.GR - ALTURA 1.550 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.6	23.8	19.0	19.8	24.0	14.0	13.5	12.9	12.2	14.8	13.3	91	58	90	80	8.7	—	—	—	—	—	1.4	12 1	08 1	12 1
2	16.6	22.6	18.6	19.1	23.0	15.5	14.8	12.9	14.2	13.8	13.6	91	72	86	83	7.3	3.5	—	—	—	—	1.2	12 1	10 1	16 1
3	16.2	24.0	20.0	20.0	25.0	16.0	15.1	13.3	13.5	15.3	14.0	96	63	87	82	8.0	5.0	—	—	—	—	1.2	12 1	04 2	12 2
4	18.0	23.4	20.0	20.3	25.4	17.0	16.0	13.8	12.9	14.7	13.8	90	60	84	78	4.3	6.5	—	—	0.1	0.1	1.2	10 1	14 1	12 1
5	18.6	22.3	20.4	20.4	23.5	17.0	15.8	13.8	15.2	13.9	14.3	88	76	77	80	8.3	3.2	—	—	—	—	1.2	12 1	16 2	10 1
6	17.2	23.6	20.0	20.2	25.0	15.5	14.0	13.4	12.2	13.5	13.0	91	56	78	75	10.0	6.3	—	—	—	—	1.2	12 1	10 2	16 1
7	17.2	23.2	19.0	19.6	24.0	16.6	16.0	12.7	11.8	13.6	12.7	86	56	83	75	10.0	4.0	—	—	—	—	1.2	10 1	12 2	12 2
8	17.0	23.2	19.0	19.5	24.0	15.6	14.0	14.2	12.8	14.6	13.9	98	60	89	82	10.0	4.3	—	—	—	—	1.4	12 1	08 1	10 2
9	16.4	22.2	19.2	19.2	24.0	15.4	14.3	13.4	12.5	13.5	13.1	96	66	81	81	6.3	3.1	—	—	—	1.1	1.2	12 1	12 1	12 1
10	17.2	24.0	18.3	19.4	25.2	15.8	15.0	13.4	13.5	14.0	13.6	91	60	90	80	9.3	4.2	1.1	—	21.6	22.0	1.0	10 2	16 1	10 2
11	16.0	22.8	18.0	18.7	24.0	15.0	13.5	12.4	14.5	14.6	13.8	91	68	94	84	6.7	2.9	0.4	—	0.1	0.1	1.2	10 1	14 1	12 2
12	17.8	22.2	20.4	20.2	24.9	15.8	14.2	12.3	14.1	15.3	13.9	80	70	85	78	6.0	6.4	—	—	—	—	1.2	12 1	16 1	12 2
13	17.5	24.0	17.7	19.2	25.2	16.3	15.0	13.0	13.5	14.4	13.8	89	60	95	81	7.0	8.2	—	—	9.1	9.1	1.2	12 1	06 1	06 1
14	17.7	22.4	19.0	19.5	24.0	16.6	15.1	15.0	12.1	12.5	13.2	98	60	76	78	7.7	5.3	—	—	—	—	1.4	12 1	04 1	12 2
15	16.2	23.2	18.2	18.9	24.0	15.0	13.5	13.5	12.8	14.8	13.7	98	60	94	84	8.7	4.1	—	—	0.3	0.3	1.2	16 1	14 2	12 1
16	16.9	22.5	18.6	19.1	24.0	16.0	14.8	14.1	14.4	13.5	14.0	98	70	85	84	6.0	4.7	—	—	—	4.0	1.4	12 1	02 1	12 2
17	16.0	23.2	19.2	19.4	24.0	15.8	14.7	13.5	15.0	14.0	14.2	99	70	84	84	8.7	2.8	4.0	3.2	—	3.2	1.0	12 1	00 0	00 0
18	16.2	23.9	18.8	19.4	24.8	15.0	13.5	13.5	12.8	13.1	13.1	98	58	80	79	5.7	6.4	—	—	—	0.4	1.2	12 1	04 1	12 3
19	18.2	22.2	20.6	19.9	24.8	15.6	14.5	12.6	12.0	14.0	12.9	91	60	76	76	5.3	7.3	0.4	—	—	—	1.8	10 1	06 2	14 2
20	16.8	23.9	19.8	20.0	24.5	16.0	14.5	12.9	11.6	15.1	13.2	91	52	88	77	9.3	6.7	—	—	—	0.2	2.0	12 1	06 2	10 1
21	16.7	22.2	17.2	18.3	23.0	15.0	14.0	12.8	12.6	12.9	12.8	89	63	88	80	10.0	3.7	0.2	—	—	—	1.2	14 1	12 1	00 0
22	16.2	22.5	18.4	18.9	25.0	13.5	12.5	12.3	10.8	13.7	12.3	89	52	86	76	1.7	8.9	—	—	—	—	1.8	12 1	16 2	12 1
23	17.6	23.2	19.3	19.8	25.0	15.0	13.5	12.1	10.9	13.3	12.1	81	51	80	71	7.0	7.2	—	—	—	—	1.8	12 1	14 1	12 2
24	17.0	24.6	20.0	20.4	25.4	14.8	13.5	13.2	10.6	14.7	12.8	91	46	86	74	7.7	6.5	—	—	—	11.2	2.0	12 1	12 1	08 1
25	16.0	21.6	18.0	18.4	23.5	15.0	14.1	12.7	13.9	13.0	13.2	93	72	84	83	8.7	3.5	11.2	—	0.6	4.0	1.0	12 1	08 1	02 2
26	15.6	21.6	18.8	18.7	23.0	13.5	13.0	12.1	14.8	14.6	13.8	91	76	90	86	6.3	3.7	3.4	—	—	0.8	1.0	12 1	04 2	12 2
27	16.8	20.8	18.2	18.5	21.6	15.5	13.5	13.4	13.8	15.2	14.1	93	75	97	88	10.0	1.5	0.8	—	5.8	18.8	1.0	10 1	02 2	08 1
28	14.8	21.3	18.0	18.0	22.6	13.5	12.0	11.4	13.0	12.5	12.3	91	86	81	79	3.0	6.6	13.0	—	—	—	0.6	12 2	02 2	16 2
29	16.4	23.6	19.0	19.5	24.5	14.2	13.2	13.1	13.1	14.3	13.5	93	60	87	80	6.3	6.8	—	—	—	—	2.0	12 1	02 2	10 2
30	16.0	23.8	18.5	19.2	24.6	14.0	13.4	13.1	13.3	13.8	13.4	96	60	86	81	5.3	7.0	—	—	—	—	1.8	12 1	08 2	10 2
31	18.8	24.4	16.0	18.8	25.0	14.0	13.0	12.4	11.5	12.4	12.1	76	50	91	72	10.0	4.8	—	—	3.8	5.7	1.8	12 1	12 1	12 2
MED.	16.8	23.0	18.9	19.4	24.2	15.3	14.1	13.1	13.0	14.0	13.3	91	62	86	80	7.3	5.0	1.1	0.1	1.3	2.6	1.3	— —	— —	— —

Total 81.0 m.m.

ESTACION Sevilla MES Febrero AÑO 19 63 φ = 37° 17' N λ = 5° 56' W.GR - ALTURA 1.550 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.9	22.0	18.4	18.7	22.8	15.0	14.8	12.7	13.0	14.6	13.4	94	66	93	84	10.0	2.5	1.9	--	--	36.5	1.0	14 1	10 2	12 2
2	14.8	20.0	17.8	17.6	23.5	14.5	13.0	11.7	12.2	12.3	12.1	93	70	80	81	4.3	4.8	36.5	0.3	--	0.3	1.2	12 2	02 2	10 1
3	16.0	23.6	18.2	19.0	24.5	13.5	12.5	13.0	10.9	13.0	12.3	95	50	83	76	6.3	7.8	--	--	1.2	10.7	2.0	08 2	08 2	10 2
4	16.4	19.8	16.0	17.0	20.6	15.5	13.4	13.1	14.2	13.1	13.5	92	83	96	90	10.0	0.1	9.5	8.0	3.6	22.1	0.8	12 1	10 1	12 2
5	16.0	21.6	18.0	18.4	22.0	14.5	13.5	13.5	12.2	13.8	13.2	99	64	90	84	10.0	1.3	10.5	--	--	--	0.8	10 2	10 1	12 2
6	17.2	23.6	18.2	19.3	24.0	14.5	13.5	14.8	11.4	14.5	13.6	100	52	94	82	10.0	5.7	--	--	--	--	1.2	12 1	08 1	12 2
7	16.8	22.8	19.4	19.6	24.5	14.5	13.5	13.5	12.5	14.1	13.4	95	60	84	80	10.0	4.5	--	--	--	--	1.2	00 0	16 2	12 2
8	17.4	21.2	19.0	19.1	22.5	15.0	13.5	13.3	16.1	15.5	15.0	90	88	93	90	10.0	3.6	--	--	--	0.9	1.2	12 2	06 1	12 1
9	17.4	22.2	19.2	19.5	23.0	15.5	13.5	14.2	12.0	15.6	13.9	96	62	94	84	7.7	0.7	0.9	--	0.1	0.2	1.0	10 1	12 1	12 1
10	16.2	20.4	18.4	18.4	21.0	15.5	14.0	12.9	12.7	14.4	13.3	93	71	91	85	10.0	1.4	0.1	--	0.2	0.2	0.4	10 1	06 1	12 2
11	16.6	20.2	17.1	18.7	21.2	15.5	15.0	13.6	12.4	14.1	13.4	96	70	96	87	10.0	1.3	--	7.5	0.3	14.9	0.8	12 1	09 2	10 2
12	14.2	20.0	17.7	17.4	21.0	14.0	13.2	11.9	12.8	14.7	13.1	98	73	97	89	10.0	0.5	7.1	0.3	--	0.3	0.6	14 1	12 1	02 2
13	15.8	23.0	19.0	19.2	24.0	14.3	13.2	12.5	11.0	13.9	12.5	93	52	85	77	7.3	9.7	--	--	--	--	2.0	12 1	04 2	14 2
14	15.2	23.2	19.6	19.4	24.0	14.9	13.4	11.5	10.8	13.7	12.0	89	50	80	73	5.3	7.6	--	--	--	--	2.0	12 1	06 2	14 2
15	16.2	23.8	20.2	20.1	24.4	14.8	13.5	12.3	11.6	13.2	12.4	89	52	74	72	8.7	7.2	--	--	--	--	2.0	12 1	02 1	12 2
16	17.0	22.3	20.8	20.2	24.5	16.0	14.5	14.1	14.7	12.8	13.5	97	73	70	80	8.7	6.5	--	--	--	1.6	1.4	12 1	02 1	12 1
17	17.2	22.0	20.0	19.8	22.5	17.0	16.0	14.1	13.8	15.8	14.6	96	70	90	85	9.3	1.3	1.6	0.3	0.2	0.5	1.0	10 1	12 2	10 1
18	16.4	20.2	16.8	17.5	21.0	16.0	15.2	13.4	12.4	14.4	13.4	96	70	100	89	10.0	1.3	--	--	20.1	20.3	0.4	12 1	12 2	10 2
19	15.0	18.8	15.4	16.1	20.0	14.7	13.8	12.8	12.4	12.6	12.6	99	76	96	90	10.0	--	0.2	--	7.7	10.3	0.6	10 2	12 2	12 2
20	14.5	18.8	18.0	17.3	20.2	13.7	13.0	12.4	12.0	13.8	12.7	100	74	90	88	10.0	2.0	2.6	--	0.4	0.4	0.8	10 2	12 1	02 2
21	15.6	22.2	18.0	18.4	23.6	15.1	14.3	13.0	12.0	15.0	13.3	98	60	97	85	8.7	4.3	--	--	4.8	15.9	1.0	12 1	02 2	10 2
22	16.4	20.8	16.8	17.6	21.0	15.0	13.5	14.1	12.8	13.8	13.6	100	70	96	89	10.0	--	11.1	6.2	4.5	11.9	0.8	12 1	16 1	14 2
23	14.8	19.4	17.6	17.3	22.0	13.8	13.0	11.7	12.5	14.0	12.7	93	74	93	87	10.0	2.2	1.2	--	--	--	0.8	12 1	02 1	12 1
24	15.6	21.8	18.2	18.4	22.5	15.5	14.1	13.3	11.8	13.3	12.8	99	60	85	81	8.7	4.0	--	--	--	--	1.0	12 1	16 2	14 1
25	16.2	22.4	18.6	18.9	23.0	14.5	13.2	13.3	13.6	13.4	13.4	96	66	83	82	6.3	4.6	--	--	--	--	1.4	12 1	14 2	12 2
26	16.8	23.0	18.8	19.3	23.2	14.5	13.5	13.1	12.6	13.6	13.1	91	60	84	78	5.7	6.6	--	--	--	0.6	2.0	12 1	14 2	12 1
27	16.6	22.2	19.0	19.2	22.5	16.0	15.0	13.3	12.0	14.8	13.4	94	60	90	81	6.7	3.1	0.6	0.1	--	0.2	1.2	12 1	04 1	12 2
28	16.6	23.0	20.0	19.9	25.0	14.0	13.5	13.2	12.3	15.0	13.7	93	61	86	80	6.3	7.8	0.1	--	--	--	1.8	12 1	14 1	10 2
29																									
30																									
31																									
MED.	16.1	21.6	18.4	18.8	22.6	14.9	13.8	13.1	12.5	14.0	13.2	95	66	89	83	8.6	3.6	3.0	0.8	1.5	5.3	1.2	--	--	--

Total 147.8 m.m.

ESTACION Sevilla MES Marzo AÑO 1953 φ = 40 17' N λ = 750 56' W.GR - ALTURA 1.550 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.4	24.2	20.0	20.4	26.0	15.0	13.5	13.6	12.7	14.9	13.7	91	58	85	77	5.0	6.6	—	—	1.3	1.3	1.8	12 1	12 2	12 1
2	17.2	22.2	20.0	19.8	24.5	15.0	13.0	13.2	13.4	13.7	13.4	90	66	77	78	5.3	5.9	—	—	—	—	1.4	00 0	14 2	12 1
3	17.0	24.0	20.2	20.3	25.5	15.6	14.3	12.6	12.4	14.6	13.2	87	56	82	75	5.0	6.9	—	—	—	—	1.6	12 2	12 2	12 2
4	17.0	23.2	18.5	19.3	23.5	15.1	16.6	14.2	14.2	15.7	14.7	98	86	98	87	10.0	2.0	—	—	0.5	0.5	1.2	12 1	08 2	12 2
5	19.0	24.0	19.9	20.7	25.0	14.5	13.2	13.3	11.2	13.7	12.7	81	50	80	70	9.3	5.5	—	—	—	—	1.9	12 1	08 2	10 2
6	15.5	23.2	17.0	18.2	24.0	14.8	13.5	13.1	12.8	13.8	13.2	99	60	95	85	10.0	2.3	—	—	15.9	15.9	1.2	12 1	16 1	10 2
7	16.2	22.4	19.5	19.4	23.5	15.0	14.1	13.0	12.1	15.3	13.5	94	60	90	81	10.0	5.9	—	—	—	—	1.2	10 2	16 1	12 2
8	16.8	22.2	20.2	19.8	23.8	15.1	14.2	12.8	14.1	14.6	13.8	89	70	83	81	10.0	4.7	—	—	—	9.4	1.6	00 0	08 2	12 2
9	15.7	20.6	18.0	18.1	23.5	15.3	14.2	13.5	14.5	14.7	14.2	100	80	95	92	10.0	2.0	9.4	—	19.6	22.6	1.0	12 1	04 2	12 2
10	16.4	21.4	18.8	18.8	23.5	15.0	13.0	13.4	13.3	16.0	14.2	96	70	98	88	10.0	5.4	3.0	—	5.8	8.2	1.2	00 0	12 2	02 1
11	16.2	22.2	18.8	19.0	22.3	15.5	13.8	12.9	14.1	14.6	13.9	93	70	90	84	7.0	3.8	2.4	—	—	0.6	1.0	12 1	04 2	12 2
12	17.0	21.6	17.2	18.2	23.0	15.9	14.3	14.4	14.4	14.4	14.4	97	74	98	90	10.0	1.4	0.6	0.5	9.2	14.2	1.0	00 0	16 1	12 2
13	15.5	21.0	18.0	19.1	21.3	15.0	14.2	13.2	14.0	14.0	13.7	100	74	91	88	10.0	1.6	4.5	3.7	—	3.7	1.0	12 1	14 1	12 1
14	16.8	22.2	19.0	19.2	23.0	15.5	15.0	13.4	13.2	15.9	14.2	93	65	96	85	10.0	2.5	—	—	—	—	1.0	00 0	06 2	12 2
15	17.6	23.0	19.9	20.1	23.2	16.1	14.1	13.1	14.0	13.9	13.7	87	66	80	78	10.0	1.3	—	—	—	—	1.2	12 1	12 1	12 2
16	18.4	24.6	18.0	19.7	25.0	16.0	15.0	14.2	13.9	14.6	14.2	90	60	94	81	10.0	3.7	—	—	3.6	3.6	1.2	12 1	16 1	08 1
17	16.6	22.8	18.6	19.1	23.7	15.0	14.0	13.6	14.7	15.3	14.5	96	70	95	87	10.0	3.8	—	—	11.3	11.7	1.0	12 1	06 2	12 1
18	16.8	23.8	20.0	20.1	24.5	15.6	13.9	13.4	13.3	15.6	14.1	93	60	90	81	7.3	5.9	0.4	—	3.5	13.2	1.0	12 2	12 2	02 1
19	16.8	22.0	18.0	18.7	23.5	15.0	13.0	13.8	13.4	14.5	13.9	96	66	93	85	10.0	3.6	9.7	—	0.5	0.5	1.0	10 2	16 2	12 2
20	17.7	23.2	19.9	20.2	25.5	16.4	15.1	14.2	14.2	14.2	14.2	94	66	83	81	8.0	6.2	—	—	—	—	1.2	10 1	16 2	12 2
21	17.2	24.0	20.8	20.7	25.0	16.0	15.1	14.8	12.4	15.8	14.3	99	56	86	80	4.0	5.7	—	—	—	—	1.6	12 1	00 0	00 0
22	16.8	24.0	19.4	19.9	24.9	16.8	15.7	15.4	13.5	15.6	14.8	98	60	93	84	7.3	0.4	—	—	—	—	1.6	12 1	12 2	12 2
23	17.1	23.1	19.8	19.9	25.5	16.7	15.1	14.6	15.0	15.9	15.2	99	70	92	87	8.3	2.2	—	—	—	—	1.6	12 1	10 2	12 2
24	16.8	21.0	19.6	19.2	21.5	16.3	15.2	13.8	14.6	16.5	15.0	96	76	98	90	10.0	—	—	—	—	—	0.6	10 1	08 1	16 1
25	16.4	20.6	16.0	17.2	21.0	16.3	15.1	13.3	14.5	13.1	13.6	95	80	96	90	10.0	1.7	—	—	1.0	39.2	0.8	12 1	04 1	12 1
26	16.6	22.0	17.6	18.4	22.2	15.6	14.7	13.6	14.2	14.6	14.1	96	76	97	89	10.0	0.3	38.2	0.8	—	0.8	0.4	10 1	02 2	12 2
27	17.4	24.0	18.0	19.3	24.4	15.0	14.0	13.9	13.5	14.1	13.8	93	60	92	82	7.0	4.0	—	—	0.4	0.4	1.0	12 1	12 2	12 2
28	18.6	22.6	19.2	19.9	22.8	16.1	15.0	13.8	15.0	14.0	14.3	86	72	84	81	7.0	2.8	—	—	—	4.8	1.4	12 1	12 2	12 2
29	16.2	22.0	20.8	19.9	23.0	15.0	13.0	13.5	13.0	14.0	13.5	98	66	76	80	9.3	4.3	4.8	—	—	1.7	0.4	12 1	02 1	12 1
30	17.8	23.2	18.8	19.6	24.0	15.5	13.0	13.7	12.8	15.5	14.0	90	60	95	82	10.0	5.7	1.7	—	25.6	25.6	0.8	10 2	08 1	10 2
31	17.0	20.6	19.8	19.3	21.8	16.6	15.0	14.2	15.8	16.2	15.4	98	87	94	93	8.7	1.9	1.0	—	—	—	0.6	12 2	10 2	16 1
MED.	17.0	22.6	19.0	19.4	23.7	15.6	14.3	13.7	13.7	14.8	14.0	94	67	90	84	8.7	3.5	2.4	0.2	3.5	5.8	1.2	— —	— —	— —

Total 178.9 m.m.

ESTACION Sevilla MES Abril AÑO 1963 φ = 37° 17' N λ = 5° 56' W.GR - ALTURA 1.550 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.0	21.6	16.8	18.3	23.5	17.0	16.1	14.7	15.4	14.4	14.8	95	80	100	92	10.0	2.2	—	0.1	2.0	2.1	1.0	12 1	08 1	16 1
2	16.3	21.8	17.2	18.1	22.5	14.0	13.0	13.5	14.6	13.2	13.8	98	74	90	87	6.7	0.9	—	1.6	12.9	15.6	0.8	12 1	08 2	10 2
3	18.0	23.5	17.6	19.2	26.0	15.0	13.0	14.9	13.7	14.8	14.5	96	63	98	86	7.0	3.0	1.1	—	12.9	32.4	1.0	12 1	14 1	10 1
4	15.1	18.0	17.0	16.8	20.0	15.0	13.6	13.0	13.1	13.8	13.3	100	85	95	93	10.0	—	19.5	4.1	6.0	10.1	0.8	04 1	02 1	12 1
5	16.8	22.6	17.6	18.6	24.6	14.8	14.5	12.4	11.4	13.1	12.3	87	55	88	77	8.7	4.1	—	—	—	2.8	1.0	12 2	14 2	06 1
6	15.6	20.8	17.9	18.0	21.0	15.0	14.8	13.3	12.8	13.8	13.3	99	70	91	87	7.0	0.7	2.8	—	—	9.2	0.8	14 1	14 2	10 1
7	16.4	20.9	17.7	18.2	21.8	15.8	15.2	13.4	12.8	13.4	13.2	96	70	88	85	7.7	2.9	9.2	0.2	—	0.7	0.6	00 0	02 2	16 1
8	16.0	23.8	17.0	18.4	26.4	15.0	14.2	13.0	12.5	13.1	12.9	95	57	90	81	6.0	5.8	0.5	—	—	—	1.4	14 1	02 2	12 1
9	17.0	24.0	18.8	19.6	25.0	15.4	14.8	12.8	12.4	13.4	12.9	87	55	82	75	7.3	6.6	—	—	—	—	1.6	12 1	14 2	12 1
10	17.2	23.4	17.2	18.7	26.4	15.5	15.0	13.4	12.0	13.2	12.9	91	55	89	78	8.7	4.6	—	—	—	—	1.2	12 1	12 3	14 1
11	16.8	22.4	18.8	19.2	23.6	15.5	14.0	12.6	11.8	12.7	12.4	89	58	78	75	7.7	4.2	—	0.1	—	31.4	1.4	14 1	04 1	12 1
12	16.2	20.2	16.2	18.2	22.8	15.5	14.6	13.3	12.5	13.0	12.9	96	71	83	83	7.0	3.5	31.3	—	—	2.2	1.0	00 0	08 2	12 1
13	16.6	22.4	18.2	18.8	23.3	15.5	15.0	13.3	12.1	13.3	12.9	94	60	85	80	9.3	2.2	2.2	—	2.2	2.2	1.0	10 1	12 1	10 1
14	16.2	20.6	19.0	18.7	22.6	15.5	14.0	12.9	14.3	14.3	13.9	93	80	87	87	6.0	3.4	—	—	—	—	0.8	10 1	16 1	16 1
15	17.4	22.4	15.6	17.7	22.8	15.5	15.1	14.0	14.3	12.6	13.6	93	70	95	86	10.0	2.4	—	0.3	13.1	13.4	0.8	10 1	06 2	08 1
16	15.0	21.4	18.0	18.1	22.6	14.0	13.0	11.6	14.4	13.1	13.0	91	75	85	84	7.3	3.5	—	—	—	—	1.0	00 0	02 2	10 1
17	17.3	26.4	17.8	19.3	25.0	15.0	14.0	12.5	13.7	12.8	13.0	85	61	84	77	7.0	4.1	—	—	49.5	49.5	1.0	12 1	14 2	10 2
18	16.8	20.0	18.2	18.3	22.0	15.0	14.2	13.5	15.8	14.8	14.5	94	90	91	92	10.0	0.1	—	0.2	0.1	0.3	0.6	12 1	02 1	12 2
19	17.8	23.4	18.8	19.7	26.0	15.0	14.3	14.4	13.3	14.3	14.0	94	62	88	81	9.0	3.8	—	—	3.3	36.3	1.0	00 0	02 1	12 1
20	16.7	22.4	17.2	18.4	23.8	14.8	14.2	12.6	13.4	13.2	13.0	87	65	90	91	10.0	5.2	60.3	—	1.5	2.2	0.0	10 1	16 1	12 1
21	16.0	20.2	17.6	17.8	20.8	15.2	14.7	13.4	13.6	13.8	13.6	97	76	92	88	10.0	0.5	0.7	—	1.5	1.5	0.6	12 1	14 2	12 1
22	17.0	22.8	19.0	19.4	23.0	15.0	14.0	13.8	13.0	12.2	13.0	95	64	74	78	8.3	8.8	—	—	—	—	1.0	14 1	10 2	12 2
23	18.8	22.3	19.0	19.8	23.0	15.5	15.0	14.3	14.1	13.9	14.1	88	70	85	81	6.7	1.5	—	—	—	1.2	1.2	12 1	08 1	02 2
24	17.0	22.0	18.3	18.3	22.2	16.5	15.0	14.0	15.0	14.2	14.4	96	77	91	88	10.0	0.2	1.2	1.8	—	7.6	0.6	12 1	16 1	14 2
25	16.8	22.4	18.0	18.8	23.0	16.0	15.0	13.5	12.7	12.7	13.0	94	62	82	79	6.7	5.1	5.8	—	—	—	1.2	04 1	06 1	12 1
26	18.8	26.0	18.8	20.1	26.3	15.8	14.6	14.6	13.5	14.0	14.0	90	60	86	79	7.3	4.9	—	—	—	—	0.8	10 1	14 2	14 1
27	19.5	21.6	18.6	19.6	22.0	17.0	15.0	14.0	14.5	14.4	14.3	82	75	92	83	10.0	—	—	—	—	5.3	1.0	12 1	10 ?	16 2
28	17.8	19.6	18.0	18.3	23.5	16.0	15.0	13.7	15.2	14.7	14.5	89	89	95	91	10.0	2.8	5.3	0.2	3.2	6.2	1.2	12 1	14 2	10 1
29	17.0	20.8	18.0	18.4	21.2	15.5	15.0	13.8	13.1	13.8	13.6	95	71	90	85	10.0	0.3	2.8	1.6	—	1.9	1.0	14 1	12 1	08 1
30	16.0	20.4	17.8	18.0	22.0	14.8	14.0	13.1	14.8	14.6	14.1	96	81	95	91	10.0	3.1	0.3	0.1	2.0	2.1	1.2	16 1	08 1	12 1
31																									
MED.	16.9	21.9	17.9	18.6	23.0	15.4	14.5	13.4	13.5	13.8	13.5	93	69	89	84	8.4	3.0	4.8	0.3	3.7	8.8	0.9	— —	— —	— —

Total 263.5 m.m.

ESTACION Sevilla MES Mayo AÑO 19 63 φ = 40 17' N λ = 750 56' W.GR - ALTURA 1.550 M

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19,2	22.0	18.0	19.3	23.0	15.0	14.5	13.5	12.8	13.8	13.4	81	65	90	79	10.0	3.4	—	—	—	22.2	1.4	06 1	12 1	12 1
2	15.4	19.4	16.4	16.9	20.5	14.2	13.0	12.6	12.7	12.2	12.5	96	75	87	86	10.0	0.7	22.2	—	—	—	1.0	12 1	08 1	12 1
3	16.0	23.4	18.8	19.2	24.0	14.5	13.8	10.2	13.2	13.4	12.3	75	61	82	73	10.0	8.8	—	—	—	—	2.0	12 1	06 1	12 1
4	17.7	24.0	19.4	20.1	25.0	15.6	14.0	12.1	11.2	14.0	12.4	80	50	83	71	10.0	3.6	—	—	—	12.9	0.3	06 1	12 1	08 1
5	17.4	22.0	18.0	18.8	23.3	16.5	15.1	13.9	14.0	14.7	14.2	93	71	95	86	10.0	3.1	12.9	0.4	1.8	7.5	0.0	16 1	06 1	04 1
6	17.0	21.0	17.0	18.0	21.5	15.2	14.3	13.8	13.1	13.1	13.3	95	71	90	85	9.3	1.4	5.3	0.3	3.5	3.8	0.0	04 1	12 1	12 1
7	15.0	20.4	18.0	17.8	21.5	14.0	12.5	11.5	15.4	15.2	14.0	90	86	98	91	9.3	—	—	7.5	10.4	23.2	0.4	12 1	10 1	12 1
8	16.2	20.0	18.0	18.0	21.0	14.8	13.6	13.3	12.3	13.8	13.1	98	71	90	86	10.0	0.4	5.3	0.4	8.0	28.5	0.4	04 1	16 1	08 1
9	16.0	20.0	17.0	17.5	22.0	15.0	13.8	13.5	13.1	12.2	12.9	98	75	84	86	10.0	2.2	20.1	—	—	—	1.4	14 1	08 1	12 1
10	17.6	23.4	18.0	19.2	23.5	14.9	14.0	14.0	12.9	14.7	13.9	94	60	95	83	10.0	5.5	—	—	1.3	2.6	1.4	08 1	04 2	04 1
11	17.4	21.4	18.2	18.8	23.2	15.3	14.0	13.6	14.4	14.0	14.0	91	75	90	85	10.0	3.9	1.3	—	—	—	1.2	12 1	04 2	12 1
12	17.4	22.0	17.2	18.4	24.0	15.0	14.1	14.4	15.8	13.9	14.7	97	80	94	90	10.0	5.9	—	0.3	0.2	0.5	1.0	02 1	06 1	12 1
13	16.0	22.0	18.8	18.9	22.5	15.1	13.8	13.0	15.8	15.7	14.8	95	80	95	90	10.0	1.7	—	—	—	0.3	1.2	00 0	06 1	04 1
14	17.6	22.0	17.0	18.4	23.5	16.0	15.0	14.2	13.8	13.4	13.8	94	72	92	86	10.0	0.9	0.3	0.2	28.8	77.0	0.2	04 1	04 1	04 1
15	16.0	22.0	18.2	18.6	22.5	15.0	14.5	13.4	12.4	13.3	13.0	96	63	95	82	9.3	4.8	48.0	—	—	—	0.2	00 0	00 0	00 0
16	17.0	24.0	18.8	19.6	24.4	16.0	14.8	12.7	11.2	13.1	12.3	88	50	81	73	10.0	6.4	—	—	1.2	1.2	1.0	04 1	04 1	08 1
17	18.2	23.6	19.6	20.2	24.2	16.0	14.4	13.1	13.7	14.9	13.9	84	63	88	78	10.0	3.9	—	—	—	11.1	1.2	12 1	02 1	02 1
18	16.6	22.6	19.9	19.8	25.0	15.5	14.5	13.1	14.3	14.7	14.0	91	68	85	81	8.7	6.6	11.1	—	—	3.9	1.2	10 2	02 2	06 2
19	18.0	22.0	19.2	19.6	23.0	16.6	16.0	12.4	15.6	15.1	14.3	80	79	91	83	10.0	1.1	3.9	0.5	—	0.5	1.0	10 2	16 2	12 1
20	18.4	24.4	19.4	20.4	24.5	16.7	15.5	14.4	11.5	14.1	13.3	94	50	84	75	10.0	5.6	—	—	—	—	1.0	00 0	12 2	12 2
21	18.6	23.0	19.2	20.0	23.9	15.5	14.5	14.4	14.6	15.0	14.7	89	69	90	83	10.0	5.3	—	—	2.6	2.6	0.8	14 1	12 2	12 2
22	19.6	24.0	19.9	20.8	25.0	15.0	14.5	14.2	14.6	15.0	14.6	83	65	87	78	7.0	8.7	—	—	—	—	1.4	12 1	14 2	12 2
23	18.4	25.0	20.0	20.8	25.5	15.5	14.5	14.2	12.5	14.1	13.6	90	52	80	74	6.0	5.5	--	—	—	—	1.0	00 0	12 1	12 2
24	18.6	22.8	19.8	20.2	23.0	16.0	14.5	14.5	14.7	15.3	14.8	91	70	87	83	10.0	0.5	—	—	—	—	1.0	12 1	14 1	12 1
25	18.0	20.8	20.0	19.7	21.5	17.0	14.5	14.9	14.7	15.8	15.1	96	80	90	89	6.7	0.5	—	0.2	—	0.2	0.8	02 1	16 1	12 1
26	17.6	23.8	19.1	19.9	24.2	15.0	14.5	14.2	12.1	14.2	13.5	94	54	88	79	8.0	4.9	—	—	—	—	1.2	12 2	10 1	10 1
27	19.0	22.5	19.2	20.0	24.0	15.0	14.5	13.9	12.6	13.5	13.3	85	62	80	76	10.0	5.3	—	—	—	—	1.2	06 1	10 1	12 1
28	17.2	23.8	19.2	19.8	24.0	15.9	15.0	14.1	12 2	14.2	13.5	96	55	86	79	10.0	4.9	—	—	—	—	1.0	12 1	14 1	16 2
29	17.0	23.5	20.0	20.1	24.0	16.5	15.1	13.4	13.0	14.1	13.5	92	60	80	77	6.0	4.5	—	—	—	—	1.4	00 0	00 0	00 0
30	17.2	23.6	20.0	20.2	24.0	16.6	15.0	13.2	13.5	15.2	14.0	90	62	87	80	10.0	5.4	—	—	—	3.6	1.4	00 0	00 0	12 2
31	17.2	22.4	19.2	19.5	22.6	15.1	14.3	12.7	13.5	15.0	13.7	87	66	90	81	10.0	2.5	3.6	—	—	—	1.4	12 1	02 1	14 2
MED.	17.4	22.5	18.7	19.3	23.3	15.5	14.4	13.4	13.4	14.2	13.7	90	66	88	81	9.2	3.8	4.3	0.3	1.9	6.5	1.0	— —	— —	— —
																		Total			201.6 m.m.				

ESTACION Sevilla MES Junio AÑO 1963 φ = 40 17' N λ = 7° 56' W.GR - ALTURA 1.350 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18,4	23,8	20,2	20,8	24,6	15,7	14,4	12,8	14,6	15,5	14,3	80	65	88	78	10,0	3,8	—	—	—	—	1,2	10 1	12 2	10 1
2	18,2	24,2	18,2	19,7	24,9	15,0	14,5	14,0	12,3	14,3	13,5	90	54	92	79	9,7	4,8	—	—	6,1	8,2	1,2	12 1	08 2	12 2
3	18,2	24,6	17,2	19,3	24,8	16,5	14,5	14,8	13,6	12,9	13,8	94	59	88	90	5,3	4,7	2,1	—	—	—	1,0	12 1	10 1	12 1
4	18,0	22,8	18,5	19,4	23,8	16,5	15,5	13,4	14,3	13,3	13,7	86	68	84	79	10,0	2,6	—	—	—	0,1	1,0	12 1	14 1	10 1
5	17,2	23,0	20,0	20,0	24,0	16,0	15,0	14,0	14,8	14,9	14,6	95	70	85	83	10,0	5,4	0,1	—	—	—	1,2	12 1	04 1	08 2
6	19,0	24,0	20,0	20,7	25,0	16,4	15,5	15,1	13,3	14,1	14,2	92	59	80	77	7,0	4,9	—	—	—	—	1,0	12 1	10 1	10 1
7	19,0	25,3	20,0	21,1	26,6	16,0	15,5	14,8	13,0	14,4	14,1	90	54	82	75	6,3	8,5	—	—	—	—	1,6	12 1	10 2	12 1
8	18,8	23,2	19,9	20,4	25,2	16,0	15,0	14,3	12,8	13,9	13,7	88	60	80	76	9,0	8,5	—	—	—	—	2,0	10 1	14 1	12 1
9	18,6	23,0	18,9	19,8	23,6	16,0	15,1	14,0	14,2	14,6	14,3	87	67	90	81	9,3	3,3	—	0,5	1,0	2,2	1,0	12 1	16 1	12 1
10	17,3	22,0	16,6	18,1	23,5	16,0	15,1	14,1	13,8	12,3	13,4	95	70	87	84	10,0	2,5	0,7	—	1,5	8,9	1,0	14 1	14 2	12 1
11	16,2	18,2	16,0	16,8	19,0	16,0	15,0	12,9	13,3	12,8	13,0	93	85	94	91	10,0	—	7,4	0,1	—	9,3	0,6	16 1	14 1	12 1
12	15,8	19,8	17,3	17,5	20,5	14,5	14,0	13,2	13,0	13,5	13,2	98	75	92	88	10,0	0,3	9,2	0,1	0,8	0,9	0,6	00 0	00 0	12 2
13	16,4	20,0	17,3	17,7	20,5	15,0	14,0	12,7	12,2	13,2	12,7	90	70	90	83	10,0	0,1	—	0,9	—	1,5	0,8	12 1	14 1	12 2
14	17,2	21,6	18,8	19,1	22,5	15,5	14,6	14,4	12,2	13,1	13,2	98	63	80	80	8,7	5,4	0,6	—	4,7	4,8	1,0	12 1	14 2	10 1
15	17,6	22,4	18,0	19,0	23,0	14,0	13,0	14,8	15,3	14,1	14,7	98	75	92	88	7,0	3,1	0,1	—	4,7	5,6	1,0	00 0	06 1	12 2
16	17,2	21,8	19,0	19,2	23,5	15,0	14,5	13,3	13,6	15,2	14,0	89	70	93	84	10,0	5,6	0,9	—	—	—	1,0	14 1	10 2	12 1
17	15,4	22,4	18,0	18,4	23,6	14,0	13,5	11,9	14,5	13,6	13,3	91	71	88	83	9,3	6,9	—	—	—	—	1,2	06 1	06 2	12 2
18	18,0	24,8	20,0	20,7	25,4	14,0	13,5	13,4	14,0	15,2	14,2	86	60	87	78	5,3	10,0	—	—	—	—	1,4	00 0	08 2	12 2
19	18,6	24,6	20,0	20,8	25,3	15,8	14,0	14,4	13,9	14,9	14,4	90	60	85	78	6,0	8,2	—	—	—	—	1,8	12 1	12 2	12 1
20	18,8	24,2	18,5	20,0	24,5	16,0	15,0	14,3	13,4	14,2	14,0	88	59	89	79	7,3	5,9	—	—	—	—	1,2	00 0	14 1	12 1
21	19,0	24,2	19,4	20,5	25,4	16,0	15,3	11,8	11,8	12,5	11,9	71	51	74	65	7,3	9,2	—	—	—	—	1,8	14 1	12 1	10 2
22	18,0	23,6	19,8	20,3	25,4	16,0	15,0	12,9,	10,9	12,0	11,9	84	50	70	68	4,7	9,8	—	—	—	—	2,4	12 1	14 2	12 2
23	18,0	24,0	20,0	20,5	25,5	14,0	13,5	13,8	12,4	12,2	12,8	90	55	70	72	8,7	8,3	—	—	—	—	2,2	00 0	00 0	00 0
24	17,6	22,8	19,0	19,8	23,0	16,0	15,0	14,2	14,7	13,2	14,0	94	70	82	82	10,0	1,0	—	—	—	—	1,0	00 0	16 2	12 1
25	17,0	23,8	18,8	19,6	24,5	15,0	14,0	13,8	12,2	13,7	13,2	95	55	85	78	7,7	4,2	—	—	—	—	1,2	00 0	12 1	10 2
26	18,0	23,4	19,2	19,9	24,0	16,0	14,0	14,6	12,9	14,0	13,8	94	60	84	79	10,0	5,0	—	—	—	—	1,4	10 1	04 1	12 1
27	18,2	22,2	19,2	19,7	24,5	15,5	14,0	13,6	12,3	15,0	13,6	86	61	90	79	7,0	8,1	—	—	—	—	1,6	12 1	16 1	12 1
28	18,2	23,2	17,6	19,1	24,0	16,6	15,5	14,2	12,8	14,5	13,8	91	60	96	82	10,0	2,2	—	—	24,6	24,7	1,2	00 0	02 2	12 2
29	17,8	23,2	19,2	19,8	24,0	15,5	14,5	13,7	15,0	14,7	14,8	90	70	88	83	8,3	4,1	0,1	—	—	0,3	1,0	12 1	16 1	12 1
30	18,0	23,2	19,8	20,2	24,7	16,5	14,0	14,6	14,2	15,0	14,6	94	66	87	82	8,7	3,8	0,3	0,3	0,2	1,7	0,8	12 1	12 1	12 1
31																									
MED.	17,8	23,0	18,8	19,6	23,9	15,6	14,5	13,8	13,4	13,9	13,7	90	64	86	80	8,4	5,0	0,7	0,1	1,4	2,3	1,2	— —	— —	— —

Total 68,2 m.m.

ESTACION Sevilla MES Julio AÑO 1963 φ = 40 17' N λ = 5° 56' W.GR - ALTURA 1.550 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.0	28.2	19.2	20.1	25.5	16.0	14.0	14.0	12.6	14.7	13.8	90	55	88	78	9.3	6.0	1.2	—	0.2	0.4	1.2	10 1	12 1	12 2
2	17.2	21.8	17.4	18.4	23.6	15.0	14.0	13.9	13.6	13.3	13.6	95	70	90	85	9.3	4.4	0.2	—	—	—	1.2	12 1	12 1	04 1
3	17.4	23.6	19.0	19.7	25.0	15.0	14.0	13.6	12.5	12.3	12.8	91	57	75	74	5.3	9.9	—	—	—	—	1.6	12 1	14 1	12 2
4	16.6	23.0	19.2	19.5	25.0	15.8	14.6	12.8	12.6	13.3	12.9	90	60	80	77	6.7	6.0	—	—	—	—	1.8	12 1	08 1	12 1
5	17.6	24.8	20.0	20.6	25.5	15.5	14.0	13.6	12.6	15.3	13.8	91	53	88	77	8.7	6.5	—	—	2.6	6.1	1.6	12 1	12 1	12 1
6	17.8	20.4	19.3	19.1	23.5	15.5	14.0	14.2	14.5	13.2	14.0	94	80	79	84	8.7	5.0	3.5	3.9	—	3.9	1.4	00 0	00 0	02 2
7	17.2	24.0	18.0	19.3	25.0	16.0	15.0	13.4	11.2	13.6	12.7	91	50	88	76	10.0	5.8	—	—	—	—	1.4	12 1	14 2	12 2
8	18.0	22.2	17.8	18.9	23.5	16.5	15.0	14.0	13.4	13.5	13.6	91	65	89	82	10.0	3.1	—	—	—	—	1.0	12 1	14 2	12 2
9	17.6	23.0	18.0	19.4	24.0	15.0.	14.0	13.6	14.8	14.5	14.3	91	70	93	85	10.0	2.4	—	—	2.0	2.0	1.2	12 1	14 2	12 2
10	17.0	21.2	16.4	17.7	22.6	15.5	14.5	14.2	14.5	13.2	14.0	98	77	94	90	9.3	2.4	—	0.3	10.7	16.9	1.0	14 1	12 1	12 1
11	15.4	20.0	18.0	17.8	20.9	15.0	14.0	12.6	14.4	13.8	13.6	96	83	90	90	9.3	—	5.9	—	—	1.0	0.4	04 1	08 1	08 1
12	18.0	21.4	19.2	19.4	23.0	15.5	14.0	13.4	13.3	14.7	13.8	86	70	88	81	10.0	4.3	1.0	—	—	1.5	0.6	10 1	04 1	12 1
13	18.0	25.5	20.0	20.9	26.0	15.0	14.0	13.4	12.2	15.8	13.8	87	50	90	76	10.0	6.3	1.5	—	—	—	1.0	04 1	04 1	12 1
14	16.2	23.2	17.8	18.7	24.0	14.0	13.0	13.3	12.5	13.7	13.2	96	59	90	82	10.0	7.9	—	—	10.8	20.9	1.1	04 1	02 1	12 1
15	16.2	21.2	18.6	18.6	22.0	15.0	13.8	13.1	14.2	14.1	13.8	95	75	88	86	9.3	1.9	10.1	—	6.2	3.3	1.0	08 1	04 1	04 1
16	16.4	21.6	17.4	18.0	21.0	14.5	13.0	13.7	14.0	14.2	13.6	98	75	95	89	10.0	3.0	0.1	—	0.7	27.5	1.0	04 1	16 1	16 2
17	15.6	21.0	16.8	17.5	22.0	14.6	13.6	13.2	12.5	12.8	12.8	99	68	89	85	10.0	3.0	26.8	3.2	—	3.2	1.0	16 1	16 2	04 2
18	17.4	23.0	18.0	19.1	24.0	16.0	15.0	13.6	11.7	14.9	13.4	91	55	96	81	8.0	7.8	—	—	—	—	1.4	04 1	12 2	12 2
19	17.4	18.8	17.0	17.5	19.5	16.0	14.5	13.2	14.5	13.1	13.6	89	89	90	89	10.0	1.2	—	3.5	5.4	8.9	0.6	12 1	10 2	10 2
20	17.0	21.2	17.6	18.3	23.3	14.0	12.5	12.6	10.2	11.6	11.5	87	54	76	72	5.7	8.9	—	—	—	3.9	1.2	12 2	12 1	12 2
21	16.2	21.4	17.4	18.1	22.5	15.0	14.0	13.3	13.2	12.0	12.8	96	68	81	82	10.0	2.5	3.9	—	9.6	11.0	1.0	10 2	12 2	12 1
22	16.8	22.6	16.0	17.8	23.2	16.0	15.5	13.8	14.5	12.0	13.4	96	70	88	85	9.3	4.2	1.4	—	6.4	6.4	1.0	10 2	16 1	12 1
23	16.6	22.0	17.8	18.5	23.5	14.0	13.0	12.6	12.1	11.2	12.0	89	61	73	74	7.0	7.9	—	—	—	—	1.2	12 1	12 1	12 1
24	18.2	25.0	19.0	20.3	25.5	13.5	13.0	10.2	9.6	10.8	10.2	65	40	66	67	5.0	10.4	—	—	—	—	2.2	12 1	02 1	08 1
25	17.6	24.4	18.8	19.9	25.0	14.0	13.0	12.1	11.6	10.0	11.2	81	50	61	64	2.3	10.6	—	—	—	—	2.8	00 0	16 1	12 1
26	17.6	24.4	18.5	19.7	25.0	15.0	14.0	13.1	11.5	11.2	11.9	81	50	70	67	3.7	10.6	—	—	—	—	2.6	00 0	00 0	12 1
27	16.6	23.0	18.0	18.9	23.3	15.0	14.0	11.6	10.6	10.0	10.7	82	50	65	66	8.0	8.8	—	—	—	—	1.8	12 1	16 1	12 1
28	15.2	23.2	18.0	18.6	23.5	14.8	13.8	12.4	10.8	12.9	12.0	96	50	83	76	6.3	3.8	—	—	1.3	1.3	1.6	12 1	10 1	12 2
29	18.0	23.2	18.3	19.4	24.0	15.9	14.0	13.8	13.3	13.9	13.7	90	62	89	80	9.3	7.3	—	—	—	0.1	1.2	12 1	02 1	06 1
30	17.6	23.2	18.0	19.2	24.0	16.0	15.0	13.5	12.8	12.3	12.9	90	60	79	76	10.0	6.1	0.1	—	—	—	1.2	12 1	10 2	12 1
31	17.2	21.8	17.4	18.4	23.4	16.1	14.9	13.9	11.8	13.6	13.1	94	60	91	82	10.0	1.6	—	7.5	8.7	16.2	1.0	12 1	10 2	10 2
MED.	17.1	22.5	18.1	18.9	23.6	15.2	14.0	13.2	12.7	13.1	13.0	91	62	84	79	8.4	5.4	1.8	0.6	2.1	4.4	1.3	— —	— —	——
																				Total	137.5 m.m.				

ESTACION Sevilla MES Agosto AÑO 1963 φ = 40 17' N λ = 7° 56' W.GR - ALTURA 1.550 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.8	18.9	17.0	17.2	21.0	14.7	14.0	12.7	14.6	14.2	13.8	94	90	98	94	10.0	2.3	--	--	4.9	28.4	0.6	16 1	06 1	10 1
2	15.0	21.0	16.4	17.2	22.0	14.0	13.1	12.7	11.3	11.1	11.7	99	60	80	80	6.7	5.3	23.5	--	--	--	1.0	16 1	08 1	14 2
3	16.2	21.6	18.8	18.8	23.0	14.8	14.0	12.9	13.4	13.7	13.3	93	69	85	82	5.3	6.1	--	--	--	--	1.4	12 2	04 2	02 1
4	17.4	24.2	19.8	20.3	25.4	15.6	14.0	12.8	13.4	13.2	13.1	86	59	76	74	7.3	7.0	--	--	--	--	2.0	12 2	14 2	12 2
5	17.6	21.2	19.0	19.2	22.5	16.8	15.5	14.3	13.7	13.0	13.7	95	73	79	82	10.0	2.0	--	--	--	0.2	1.0	14 1	04 2	12 2
6	17.2	22.8	18.6	19.3	23.2	15.3	14.0	13.4	14.5	11.9	13.3	91	69	74	78	10.0	5.3	0.2	--	--	--	1.0	12 1	04 1	12 1
7	17.8	23.2	17.6	19.0	23.6	16.0	15.0	14.2	12.1	11.6	12.6	93	57	76	75	10.0	8.7	--	--	5.6	7.1	2.0	12 1	12 1	10 2
8	16.8	22.8	18.0	18.9	23.5	15.6	14.5	13.8	12.5	12.4	12.9	96	60	80	79	7.7	2.9	1.5	--	0.1	0.1	1.0	10 1	10 1	12 2
9	17.0	22.0	18.2	18.8	23.5	16.0	15.0	13.7	13.0	12.5	13.1	94	66	79	80	10.0	4.4	--	--	--	--	1.2	12 1	14 2	12 2
10	16.8	22.6	19.8	19.7	23.0	15.5	14.5	13.5	13.6	12.0	13.0	94	65	70	76	9.3	4.9	--	--	--	--	1.4	12 1	10 2	12 2
11	17.0	24.8	19.6	20.5	25.5	15.4	15.0	14.0	12.6	12.1	12.9	96	53	71	73	9.3	7.2	--	--	--	--	1.8	12 1	14 2	10 2
12	18.4	24.2	19.6	20.4	25.0	15.9	15.0	14.2	12.6	12.7	13.2	90	55	74	73	7.3	7.5	--	--	--	--	1.2	12 1	12 2	12 1
13	17.8	24.6	19.8	20.5	25.0	16.5	15.5	13.8	14.4	12.0	13.4	91	62	79	74	7.7	6.6	--	--	--	--	2.0	14 1	14 2	12 1
14	18.0	24.8	18.0	19.7	25.8	16.0	15.0	14.1	13.2	13.8	13.7	92	56	90	79	9.3	8.5	--	--	1.1	1.1	2.0	00 0	14 2	12 1
15	17.2	22.4	18.8	19.3	23.5	15.4	14.6	14.1	15.4	11.4	13.7	96	76	71	81	8.0	4.9	--	0.4	--	0.4	0.8	00 0	02 2	02 2
16	17.6	24.0	19.0	19.9	24.5	16.7	15.5	13.4	12.4	11.5	12.4	90	56	70	72	10.0	5.2	--	0.1	--	0.1	2.0	10 1	02 2	12 2
17	17.8	23.8	19.5	20.1	25.5	16.6	15.3	13.0	12.2	11.9	12.4	85	55	70	70	9.3	7.6	--	--	--	--	3.2	12 1	14 2	12 3
18	17.4	24.0	18.0	19.3	25.0	14.8	13.5	13.2	12.0	11.5	12.2	88	53	74	72	8.7	8.1	--	--	--	--	2.0	00 0	14 2	00 0
19	16.8	23.2	18.0	19.0	23.7	16.0	14.5	13.2	12.1	12.4	12.6	92	57	80	76	10.0	4.1	--	--	5.7	7.5	1.0	00 0	16 1	10 1
20	15.8	21.6	17.6	18.1	22.5	15.6	14.0	13.2	12.2	14.5	13.3	98	63	96	86	10.0	2.9	1.8	--	0.7	0.7	1.0	14 1	04 1	12 2
21	16.6	23.0	19.2	19.5	24.0	15.8	14.5	13.6	12.6	13.2	13.1	96	61	79	79	10.0	7.2	--	--	--	--	1.0	12 1	02 1	14 1
22	18.2	24.8	19.8	20.6	25.5	16.0	14.6	14.0	14.0	13.6	13.9	90	60	79	76	4.3	4.6	--	--	--	--	1.4	00 0	14 2	12 2
23	18.8	23.2	19.0	20.0	24.2	17.0	15.6	14.7	13.8	12.5	13.7	91	65	76	77	6.3	4.3	--	--	--	--	1.2	00 0	04 2	00 0
24	16.4	23.6	19.8	19.6	25.0	15.8	15.0	13.7	10.9	11.7	12.1	98	50	70	73	8.0	5.2	--	--	--	--	2.0	04 1	16 1	14 2
25	17.6	25.4	20.0	20.7	22.0	17.0	15.5	14.0	12.0	12.3	12.8	93	49	71	71	6.0	7.1	--	--	--	--	2.0	00 0	10 2	10 2
26	18.0	25.8	20.5	21.2	26.5	17.0	15.9	13.8	11.6	12.6	12.7	90	47	89	69	6.0	8.5	--	--	--	--	2.0	00 0	12 1	12 2
27	18.2	23.6	19.0	19.9	24.7	17.0	15.6	14.3	12.2	11.5	12.7	90	55	70	72	10.0	5.6	--	--	--	--	2.0	10 1	10 1	12 2
28	17.8	24.4	19.0	20.0	25.2	17.0	15.5	13.7	12.0	11.5	12.4	89	52	70	70	4.7	6.0	--	--	--	--	1.8	12 1	10 2	12 2
29	18.8	26.0	20.0	21.2	26.6	16.3	15.0	14.0	12.4	13.1	13.2	86	49	75	70	1.3	9.1	--	--	--	--	1.8	00 0	06 1	12 2
30	19.0	25.2	19.3	20.7	22.5	17.0	15.3	14.5	12.8	11.7	13.0	88	53	70	70	4.3	8.8	--	--	--	--	2.0	12 1	10 1	12 2
31	18.2	23.0	20.0	20.3	24.8	17.0	15.8	14.2	12.2	10.6	12.3	91	58	60	70	7.3	1.0	--	--	--	--	1.4	12 1	12 1	10 2
MED.	17.4	23.4	18.9	19.6	24.1	16.0	14.8	13.7	12.8	12.4	13.0	92	60	76	76	7.8	5.8	0.9	--	10.6	1.5	1.5	-- --	-- --	-- --

Total 45.6 m.m.

ESTACION Sevilla MES Septiembre AÑO 1963 φ = 40 17' N λ = 7° 56' W.GR - ALTURA 1.550 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.6	26.5	20.0	21.5	25.8	17.0	15.6	14.4	13.1	12.2	13.2	90	50	70	70	5.3	6.0	—	—	—	—	2.0	14 1	14 1	12 1
2	18.4	24.8	19.0	20.3	25.8	17.0	15.5	13.2	13.0	11.6	12.6	85	55	71	70	6.7	7.9	—	—	—	—	1.4	12 1	02 2	12 2
3	19.0	26.2	19.6	21.1	28.0	17.0	15.5	13.9	12.5	10.4	12.3	85	49	60	65	4.3	7.1	—	—	—	—	2.2	12 1	12 2	10 2
4	18.0	25.2	19.7	20.6	26.0	16.0	14.8	13.0	10.5	13.2	12.2	84	44	76	68	10.0	8.9	—	—	—	—	2.8	12 2	12 2	12 2
5	17.8	25.4	18.8	20.2	26.3	17.0	15.6	13.8	12.3	11.7	12.6	91	50	72	71	3.7	6.8	—	—	—	—	2.0	00 0	00 0	00 0
6	18.0	23.6	18.8	19.8	25.0	15.9	14.7	13.4	11.0	13.7	12.7	86	53	85	75	8.7	4.0	—	—	—	—	1.6	12 1	14 2	12 1
7	18.0	22.8	19.6	20.0	23.5	17.2	15.9	13.4	13.0	12.9	13.1	87	63	75	75	10.0	1.4	—	—	—	—	1.2	12 1	14 1	12 1
8	17.4	21.9	19.8	19.7	23.0	17.0	15.6	13.9	13.6	14.2	13.9	93	70	83	82	10.0	2.7	—	—	—	—	1.0	12 1	12 1	12 2
9	18.0	25.2	20.0	20.8	25.6	16.7	14.8	13.7	10.7	12.2	12.2	89	45	70	68	5.0	8.1	—	—	—	—	2.0	12 1	08 2	10 1
10	17.8	25.2	19.6	20.5	26.5	17.5	15.5	14.4	12.4	14.3	13.7	94	51	84	76	10.0	4.0	—	—	—	—	1.8	12 1	02 2	12 2
11	18.2	23.4	19.2	20.0	24.5	16.0	14.5	14.0	13.6	12.4	13.3	92	64	74	77	3.7	4.8	—	—	—	—	1.4	12 1	04 1	12 2
12	18.2	23.8	19.6	20.3	24.7	17.6	16.0	14.2	13.3	12.9	13.5	91	60	75	75	10.0	5.2	—	0.5	—	0.5	1.4	12 1	08 1	10 2
13	17.0	23.4	19.3	19.7	24.2	15.9	14.5	14.0	12.0	12.5	12.8	95	56	75	75	8.7	2.9	—	—	—	—	1.6	12 1	12 1	12 1
14	18.8	25.0	17.6	19.7	26.5	16.6	15.6	14.2	11.9	12.7	12.9	87	50	84	74	10.0	6.9	—	—	0.4	0.4	2.0	14 1	10 1	12 2
15	18.6	23.4	17.0	19.0	24.0	14.9	13.7	13.5	12.3	13.8	13.2	85	57	95	79	10.0	5.2	—	—	0.7	0.7	1.6	12 1	12 1	02 2
16	18.0	24.8	19.5	20.4	25.0	16.5	15.5	13.1	11.8	11.8	12.2	85	50	69	68	5.0	7.3	—	0.4	—	0.4	1.2	12 1	14 2	10 2
17	17.0	23.0	17.0	18.5	24.3	16.5	15.0	13.2	10.8	13.8	12.6	91	51	95	79	10.0	2.2	—	—	4.9	4.9	1.0	12 1	12 2	12 1
18	17.4	22.2	19.3	19.5	22.6	16.3	15.3	12.8	11.9	13.1	12.6	86	59	78	74	6.7	2.2	—	—	—	4.2	1.2	12 1	04 1	12 1
19	17.4	22.2	18.0	18.9	23.0	16.3	15.5	13.6	12.6	11.8	12.7	90	64	76	77	10.0	1.1	4.2	0.1	6.3	33.3	1.0	02 1	08 1	10 2
20	17.6	23.0	19.0	19.6	23.7	15.9	15.0	13.5	11.7	12.9	12.7	90	55	78	74	10.0	3.0	26.9	—	—	—	1.0	10 1	10 2	12 2
21	17.6	23.8	18.0	19.3	25.0	14.9	13.7	13.0	12.5	11.5	12.3	86	57	74	72	8.7	8.5	—	—	15.5	15.9	1.6	14 1	16 2	12 2
22	17.0	22.3	19.5	19.6	24.0	16.0	14.9	13.8	11.1	13.1	12.7	95	54	77	75	8.7	3.7	0.4	1.5	—	1.5	1.2	12 1	10 2	00 0
23	17.4	23.2	18.8	19.5	24.2	16.3	14.9	13.6	12.1	11.7	12.5	91	57	72	73	10.0	4.1	—	—	—	—	1.2	12 1	12 1	12 2
24	18.2	21.6	17.0	18.4	24.0	16.6	15.5	13.6	15.7	14.6	14.6	86	81	100	89	10.0	5.0	—	—	—	—	1.6	00 0	10 1	12 1
25	17.6	21.8	19.0	19.3	22.5	16.3	15.0	13.6	13.9	15.2	13.6	91	71	80	81	10.0	—	—	0.2	—	4.5	0.8	00 0	02 2	12 2
26	17.3	22.8	17.0	18.5	23.5	15.0	14.2	13.4	12.9	14.0	13.4	91	62	96	83	10.0	1.7	4.3	—	9.0	9.0	1.0	12 1	08 1	08 1
27	17.2	24.2	19.0	19.8	25.1	16.1	15.5	13.7	13.5	13.2	13.5	93	60	80	78	10.0	7.1	—	—	—	—	1.2	00 0	10 1	00 0
28	18.8	23.6	19.4	20.3	28.0	16.6	15.5	13.6	13.1	13.4	13.4	83	60	79	74	6.0	6.7	—	—	—	0.1	1.2	12 2	14 1	12 2
29	17.6	22.8	16.0	18.1	23.5	16.8	15.3	13.0	11.6	11.4	12.0	86	55	84	75	10.0	4.8	0.1	—	7.6	7.6	1.4	12 1	14 2	08 1
30	18.0	23.8	17.0	19.0	24.5	14.9	14.0	12.7	11.1	11.6	11.8	82	50	80	71	6.3	8.2	—	—	2.6	30.0	1.0	10 1	02 2	12 1
31																									
MED.	17.9	23.7	18.7	19.7	24.7	16.3	15.1	13.8	12.4	12.7	12.9	89	57	79	75	8.2	4.9	1.2	0.1	1.6	3.8	1.5	— —	— —	— —

Total 113.0 m.m.

ESTACION Sevilla MES Octubre AÑO 1963 φ = 40 17' N λ = 750 56' W.GR - ALTURA 1.550 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.2	22.2	18.2	18.4	23.2	14.5	14.0	12.5	12.0	13.9	12.8	98	60	89	82.	10.0	4.9	27.4	9.8	0.7	2.7	1.2	14 2	02 2	10 1
2	16.6	22.6	18.0	18.8	24.0	14.5	13.0	14.0	11.4	12.5	12.6	99	55	81	78	8.7	6.0	1.2	—	—	2.7	1.8	10 1	14 2	12 1
3	17.4	24.4	18.5	19.7	25.7	15.5	14.5	14.2	13.4	14.7	14.1	96	58	93	82	8.7	9.3	2.7	0.5	1.7	5.4	1.6	12 1	02 1	10 2
4	18.0	24.6	19.0	20.1	25.5	16.0	14.5	14.9	12.8	14.8	14.2	96	55	90	80	8.7	5.2	3.2	—	0.8	0.8	1.2	12 1	12 1	12 2
5	19.0	25.0	18.2	20.1	25.5	16.0	14.5	14.5	14.6	14.3	14.5	88	62	92	81	7.0	5.9	—	—	—	—	1.2	12 1	14 1	12 2
6	18.8	24.8	19.0	20.4	25.2	15.2	14.0	13.7	12.0	13.6	13.1	85	51	83	73	3.0	9.2	—	—	—	—	1.2	12 1	02 2	00 0
7	18.4	22.6	17.2	18.8	23.5	16.0	14.5	13.2	15.0	12.7	13.6	84	72	86	81	10.0	1.7	—	—	4.0	4.1	1.0	12 1	16 1	12 1
8	17.4	21.2	18.2	18.7	22.3	15.0	14.8	12.7	13.5	13.7	13.3	84	72	88	81	10.0	3.3	0.1	—	—	2.0	1.6	00 0	02 2	00 0
9	17.6	22.8	18.0	19.1	24.0	15.5	14.8	14.5	13.6	14.1	14.1	96	65	92	84	9.3	2.1	2.0	—	—	—	1.0	12 1	14 2	00 0
10	17.8	24.6	18.6	19.9	25.0	15.0	14.0	13.5	12.8	12.9	13.1	89	55	80	75	10.0	3.4	—	—	—	—	1.0	12 1	12 1	12 1
11	18.0	25.2	17.8	19.7	25.8	16.0	14.5	13.8	12.1	14.7	13.5	90	50	96	79	8.7	6.0	—	—	1.2	4.8	1.6	10 1	10 2	10 2
12	17.0	22.2	20.0	19.8	24.0	14.7	14.0	14.0	12.6	14.9	13.8	96	64	85	82	9.3	4.1	3.6	—	—	—	1.2	12 1	10 1	14 2
13	16.6	20.6	18.4	18.5	21.5	16.0	15.0	13.9	12.7	12.0	12.9	98	70	75	81	10.0	1.2	—	0.1	—	0.1	1.0	14 1	16 1	00 0
14	17.4	24.2	19.0	19.9	25.0	14.5	13.0	12.6	12.3	14.1	13.0	85	54	86	75	8.0	4.7	—	—	—	15.8	0.6	00 0	08 1	12 2
15	16.8	19.0	17.4	17.6	21.8	15.5	14.5	14.1	13.9	14.2	14.1	98	85	96	93	10.0	—	15.8	6.8	4.2	11.0	1.0	14 1	12 1	12 2
16	18.4	23.8	18.6	19.8	24.2	15.5	14.5	14.4	12.2	13.8	13.5	91	55	86	77	7.0	4.8	—	—	1.4	1.4	1.0	12 1	14 2	12 1
17	17.2	23.2	17.2	18.7	23.6	16.5	15.0	14.2	12.5	14.2	13.6	97	59	97	84	8.7	2.2	—	2.3	1.7	4.3	1.0	12 1	10 1	12 1
18	17.4	23.2	18.0	19.1	24.6	14.9	13.5	13.3	13.8	14.7	13.9	90	65	95	83	6.7	5.7	0.3	—	1.0	2.4	1.0	00 0	14 1	12 1
19	18.2	22.8	20.2	20.3	24.5	15.0	14.2	13.6	12.5	14.0	13.4	86	60	79	75	10.0	4.7	1.4	—	—	—	1.0	12 1	12 1	12 2
20	18.0	21.8	17.6	18.7	22.0	16.0	16.0	13.6	14.2	13.5	13.8	88	73	90	84	10.0	0.5	—	—	—	—	0.8	12 1	10 2	12 2
21	18.0	24.8	19.0	20.2	25.6	15.0	14.0	13.8	12.0	12.5	12.8	90	51	76	72	5.7	7.9	—	—	—	—	1.8	12 1	12 2	12 2
22	19.2	23.8	17.8	19.6	25.0	16.0	15.0	13.8	11.6	13.4	12.9	83	52	88	74	10.0	—	—	—	7.1	7.1	1.8	12 1	16 2	12 2
23	17.2	23.4	19.9	20.1	24.0	15.0	14.0	12.9	13.3	14.6	13.6	88	62	84	78	10.0	4.8	—	—	—	2.4	1.0	12 1	02 2	06 1
24	16.8	23.2	19.0	19.5	23.5	15.6	15.0	14.1	11.8	13.6	13.2	98	55	83	79	10.0	5.6	2.4	—	—	—	1.0	02 2	08 2	12 2
25	16.6	24.0	18.8	19.5	24.6	15.8	14.5	13.2	12.4	13.1	12.9	93	56	80	76	8.7		—	—	—	3.6	1.6	12 2	06 1	02 1
26	17.6	23.0	19.5	19.9	25.3	15.5	15.0	13.5	13.1	13.5	13.4	90	62	79	77	5.7		3.6	—	—	—	2.0	14 1	02 2	12 1
27	17.0	23.8	18.8	19.6	24.5	16.0	15.0	13.6	12.8	13.7	13.4	95	58	85	79	10.0		—	—	—	—	1.2	12 1	02 1	10 2
28	18.0	21.4	17.8	18.7	23.0	15.5	14.6	13.8	12.4	13.2	13.1	90	65	86	80	7.3		—	—	—	12.6	1.6	12 2	10 2	14 1
29	16.2	23.2	18.8	19.2	24.0	15.6	15.0	13.5	12.1	13.7	13.1	98	57	85	80	6.3		12.6	—	—	20.8	1.6	10 1	16 2	12 1
30	16.6	23.0	17.0	18.4	23.2	15.5	15.0	13.3	12.8	13.5	13.2	94	61	93	83	6.7		20.8	—	4.3	28.3	1.0	14 1	02 1	06 1
31	16.6	21.6	17.0	18.0	22.2	16.0	15.0	13.9	14.5	14.2	14.2	98	75	98	90	10.0		24.0	10.8	20.8	31.8	0.4	02 1	02 1	08 1
MED.	17.4	23.1	18.4	19.3	24.1	15.5	14.4	13.7	12.9	13.7	13.4	92	61	87	80	8.5	(4.3)	3.9	0.7	1.6	5.3	1.2	— —	— —	— —

Total 164.1 m.m.

ESTACION Sevilla MES Noviembre AÑO 19 63 φ = 40 17' N λ = 750 56' W.GR - ALTURA 1.550 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.6	20.6	17.4	17.7	21.5	14.0	13.5	12.3	13.6	14.4	13.4	94	75	97	89	4.7		0.2	--	--	--	0.6	12 1	04 1	06 2
2	17.4	21.0	18.0	18.6	22.4	15.5	14.0	14.4	15.1	13.8	14.4	97	81	90	89	10.0		--	--	--	10.0	0.8	12 1	02 2	12 1
3	17.8	22.0	17.2	18.5	22.6	15.0	13.6	14.2	14.9	13.9	14.3	93	75	94	87	10.0		10.0	--	3.7	6.1	0.8	14 1	12 2	10 1
4	16.2	21.4	17.4	18.1	21.8	15.6	13.5	13.3	12.4	14.2	13.3	96	65	95	85	10.0		2.4	--	13.3	26.0	0.8	12 1	10 1	12 1
5	17.2	21.2	17.2	18.2	22.0	15.6	13.5	13.7	13.2	13.9	13.6	93	70	93	85	9.3		12.7	--	5.5	9.1	0.6	10 1	05 1	12 1
6	16.6	20.6	17.0	17.8	22.2	15.0	13.8	13.3	13.6	14.0	13.6	95	74	96	88	10.0		3.6	0.4	15.2	18.4	1.0	12 1	12 1	02 2
7	16.0	22.0	18.2	18.6	22.4	15.0	14.0	13.1	13.8	14.0	13.6	96	70	90	85	10.0		2.8	--	--	4.6	0.8	10 1	14 1	10 1
8	16.8	23.8	18.5	19.4	24.0	15.7	14.0	13.2	12.2	13.5	13.0	92	56	85	77	8.7	4.9	4.6	--	0.	3.5	1.2	14 1	02 1	04 1
9	17.0	22.0	18.6	19.0	24.0	16.0	14.0	14.2	12.8	13.5	13.5	98	65	85	83	10.0	3.0	2.6	--	1.7	1.7	1.0	12 1	12 2	12 1
10	18.0	23.2	18.0	19.3	23.6	15.4	14.4	13.7	12.4	13.6	13.2	89	59	88	79	10.0	6.0	--	--	4.5	12.4	1.0	14 1	14 2	10 1
11	17.4	17.2	16.0	16.6	19.5	15.5	14.5	14.2	13.2	12.7	13.4	95	90	93	93	10.0	--	7.9	7.9	6.7	14.6	0.4	10 1	12 1	16 1
12	15.4	20.4	17.0	17.4	21.0	15.0	14.5	12.9	11.6	13.1	12.5	98	65	90	84	10.0	4.1	--	--	--	--	1.0	10 1	10 1	14 1
13	16.6	22.4	17.5	18.5	22.5	14.5	14.0	12.0	11.3	13.4	12.2	85	55	90	77	10.0	4.6	--	--	--	6.4	1.2	12 2	14 2	10 1
14	14.0	18.6	16.0	16.1	19.8	13.0	12.5	10.8	11.2	12.7	11.6	90	70	94	85	10.0	--	6.4	--	--	1.0	0.8	14 1	10 1	04 1
15	17.4	17.3	15.0	16.2	19.7	13.0	12.5	14.6	11.8	12.5	13.0	98	80	98	92	10.0	0.1	1.0	0.1	--	0.1	0.8	12 1	02 1	04 1
16	15.0	23.0	16.4	17.7	23.5	14.0	13.5	9.9	8.6	10.4	9.6	78	41	74	64	10.0	7.1	--	--	--	--	1.4	14 1	08 2	12 2
17	18.0	23.2	19.0	19.8	24.3	14.6	13.2	11.2	11.2	12.3	11.6	72	52	75	66	6.7	9.6	--	--	--	--	2.0	00 0	16 2	12 2
18	18.2	23.6	17.2	19.0	24.5	15.0	14.0	13.6	13.4	14.4	13.8	87	61	98	82	4.7	2.0	--	--	2.9	2.9	1.0	12 1	10 1	12 2
19	18.2	25.4	19.0	20.4	25.5	14.5	13.0	13.6	12.0	13.9	13.2	86	49	85	77	8.3	6.2	--	--	--	--	1.0	12 2	08 2	12 2
20	17.6	23.2	18.9	19.6	25.5	14.5	13.0	13.8	11.4	14.0	13.1	92	53	86	77	6.3	4.0	--	--	--	--	1.0	10 1	14 1	12 2
21	18.2	21.6	18.0	18.9	22.5	15.0	13.0	14.3	14.4	13.8	14.2	90	74	90	85	10.0	1.1	--	0.1	1.7	23.5	0.6	12 1	10 1	12 1
22	16.6	22.0	17.6	18.4	23.0	15.0	13.5	13.2	13.8	12.8	13.3	93	70	85	83	10.0	3.5	21.7	--	--	0.4	0.6	00 0	16 1	12 1
23	16.2	20.6	16.0	17.2	21.0	15.0	13.5	13.0	12.8	12.3	12.7	95	70	90	85	9.3	0.4	0.4	1.1	2.8	3.9	0.4	12 1	12 1	12 2
24	16.0	19.6	16.8	17.3	21.2	14.8	13.5	11.6	14.6	12.9	13.0	85	86	90	87	10.0	2.0	--	0.5	8.2	12.7	0.8	12 1	10 1	16 2
25	14.9	21.0	17.6	17.8	21.4	14.8	13.5	11.7	13.0	12.6	12.4	90	70	83	81	10.0	2.0	4.0	--	--	--	0.8	12 1	04 2	10 2
26	16.6	22.8	16.6	18.1	23.0	14.5	13.5	13.2	14.0	13.9	13.7	93	67	98	86	10.0	4.0	--	--	7.0	7.0	0.8	12 1	12 2	12 2
27	17.8	22.0	17.3	18.6	22.8	15.5	14.0	13.8	10.5	13.9	12.7	91	53	98	81	8.7	4.8	--	--	0.7	0.7	0.8	12 1	02 2	04 1
28	17.4	24.2	18.0	19.4	24.9	14.5	13.7	13.3	12.7	14.5	13.5	90	56	93	80	10.0	7.2	--	--	0.3	0.3	1.4	14 1	14 1	12 2
29	18.0	23.0	17.6	19.0	24.0	15.6	14.0	13.8	12.2	13.8	13.3	91	58	91	80	6.0	4.9	--	--	5.3	5.3	2.8	12 1	12 1	10.2
30	17.6	25.4	18.6	20.0	26.5	15.6	14.5	14.0	11.4	14.4	13.3	93	47	90	77	9.3	4.5	--	--	--	--	1.4	12 1	14 1	12 2
31																									
MED.	16.8	21.8	17.5	18.4	22.8	14.9	13.6	13.1	12.6	13.4	13.1	91	65	90	82	9.1	(3.7)	2.7	0.3	2.7	5.7	0.9	--	--	--

Total 170.6 m.m.

ESTACION Sevilla MES Diciembre AÑO 1963 φ = 37° 57' N λ = 3° 56' W.GR - ALTURA 1.550 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.8	22.6	18.6	19.6	23.2	15.9	14.4	13.2	12.3	14.4	13.3	81	60	90	77	8.7	5.2	—	—	—	—	1.2	16 1	02 1	02 1
2	17.4	23.2	19.0	19.6	24.3	15.9	15.0	13.3	12.8	14.5	13.5	90	60	88	79	8.7	4.7	—	—	—	—	1.0	12 1	14 2	12 2
3	17.4	23.8	18.8	19.7	24.3	15.9	14.1	13.6	12.1	14.9	13.5	90	54	92	79	9.3	3.1	—	—	0.2	1.9	1.0	12 1	12 2	12 1
4	17.4	21.8	18.2	18.9	22.5	15.9	15.0	14.6	11.8	14.8	13.7	98	60	94	84	8.0	4.2	1.7	—	—	—	1.0	06 1	06 2	12 2
5	18.0	22.4	19.0	19.6	23.5	16.3	14.7	13.8	12.1	11.8	12.6	90	60	72	74	10.0	4.0	—	—	—	—	1.2	12 1	14 1	00 0
6	17.8	25.2	19.2	20.3	26.2	15.8	14.3	14.2	14.4	15.0	14.5	94	60	90	81	6.0	8.7	—	—	—	—	1.8	12 1	14 2	12 1
7	18.6	24.4	19.2	20.3	25.5	16.6	15.8	14.1	15.2	15.4	14.9	91	66	93	83	7.7	3.4	—	—	—	—	0.8	10 1	12 1	12 2
8	19.2	23.8	20.0	20.7	24.5	16.7	15.5	15.0	13.3	15.5	14.6	90	60	89	80	10.0	3.2	—	—	—	—	1.0	12 1	10 2	12 1
9	18.8	23.8	19.0	20.1	24.0	16.8	15.5	14.2	15.9	14.8	15.0	87	72	90	83	6.7	2.2	—	—	—	—	1.0	12 1	10 1	12 2
10	15.2	21.0	17.3	17.7	21.5	15.0	14.0	12.4	10.5	12.7	11.9	93	56	86	78	4.7	5.5	—	—	—	—	1.4	12 1	12 1	12 2
11	18.0	23.6	17.6	19.2	23.8	15.0	14.2	14.6	13.1	12.7	13.5	95	60	84	80	6.7	3.4	—	—	—	—	1.6	12 2	02 2	12 2
12	15.0	18.0	15.6	16.0	18.9	14.0	13.0	11.5	9.3	11.9	10.9	90	60	90	80	5.3	6.2	—	—	—	—	1.8	12 1	06 1	02 2
13	14.4	18.6	15.0	15.7	19.0	14.0	13.0	11.8	9.8	12.0	11.2	96	57	94	82	10.0	0.5	—	—	—	—	0.6	12 1	08 2	12 2
14	16.0	23.8	16.5	18.2	24.0	13.8	13.0	12.3	12.4	10.6	11.8	90	56	75	74	10.0	5.2	—	—	—	—	1.2	12 1	08 2	12 2
15	18.2	23.4	18.2	19.5	24.8	14.5	14.0	14.2	10.8	13.6	12.9	91	50	86	76	7.0	6.8	—	—	—	—	1.4	10 2	14 1	12 2
16	18.0	24.0	19.8	20.4	25.5	16.0	15.0	13.4	11.2	14.2	12.9	87	50	82	73	10.0	6.0	—	—	—	56.6	1.6	12 1	14 1	12 2
17	16.0	20.6	16.0	17.1	21.5	14.8	13.6	13.4	11.9	12.5	12.6	98	88	92	86	10.0	—	56.6	—	—	—	1.0	10 1	14 1	12 2
18	17.6	21.8	17.6	18.6	22.5	14.6	13.0	12.6	13.0	13.1	12.9	83	67	87	79	5.0	5.2	—	—	5.1	5.1	1.4	12 1	12 1	16 1
19	18.8	24.6	18.0	19.8	25.0	14.0	13.0	13.2	11.9	14.6	13.2	81	51	94	75	8.0	8.3	—	—	—	—	1.0	12 1	12 1	16 1
20	18.4	24.6	19.3	20.4	25.0	15.5	14.2	14.2	11.4	13.3	13.0	91	49	80	73	7.0	5.4	—	—	—	—	1.0	12 1	08 2	16 1
21	17.0	23.0	19.3	19.6	25.0	15.5	14.1	13.1	13.8	13.8	13.6	90	65	83	79	10.0	4.6	—	—	—	—	1.4	12 1	16 1	12 1
22	17.6	21.0	18.6	18.9	23.6	15.5	14.5	14.2	11.9	14.1	13.4	94	64	88	82	6.0	4.6	—	—	—	—	1.0	12 2	10 1	12 2
23	17.6	24.4	19.2	20.1	25.0	15.5	14.0	14.4	12.5	14.1	13.7	85	54	85	78	6.3	4.5	—	—	—	—	1.2	12 1	12 2	12 1
24	17.4	23.8	17.6	19.1	24.9	15.4	14.4	14.2	14.7	13.2	14.0	95	66	88	83	10.0	5.6	—	—	10.5	11.9	1.0	12 1	12 2	12 1
25	18.0	22.4	18.6	19.4	24.2	15.0	14.0	13.8	14.3	13.8	14.0	90	70	86	82	7.3	6.7	1.4	—	—	—	0.6	14 1	10 1	10 1
26	18.2	23.8	19.0	20.0	24.0	15.0	14.2	14.9	12.8	13.6	13.8	95	58	83	79	8.3	4.2	—	—	—	—	1.0	00 0	06 1	12 1
27	18.0	22.0	18.8	19.4	25.0	16.5	15.0	14.1	13.8	14.6	14.2	92	70	86	83	6.7	4.4	—	—	—	—	1.8	12 1	16 1	12 2
28	18.4	23.6	19.9	20.4	26.0	15.8	14.6	16.0	13.5	14.7	14.4	94	62	85	80	5.3	5.3	—	—	—	—	1.6	10 1	08 1	12 2
29	17.8	22.8	19.0	19.6	24.5	16.0	15.0	14.6	13.0	14.8	14.1	97	63	90	83	10.0	2.1	—	—	—	14.5	1.2	10 1	04 1	10 1
30	17.0	22.0	17.0	18.2	23.0	15.2	14.1	13.4	13.8	14.0	13.7	92	70	96	86	8.7	2.7	14.5	0.4	—	7.8	0.8	10 2	08 2	16 2
31	16.8	23.4	18.0	19.0	23.5	15.0	14.0	13.8	13.2	14.6	13.9	96	51	94	80	7.3	1.5	7.4	—	0.2	1.0	0.8	10 1	16 2	14 1
MED.	17.5	22.8	18.3	19.2	23.8	15.4	14.3	13.7	12.7	13.8	13.4	91	60	87	80	7.9	4.3	2.6	—	0.5	3.2	1.2	— —	— —	— —

Total 98.8 m.m.

ESTACION: SEVILLA — RESUMEN MENSUAL Y ANUAL — AÑO: 1.963

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS							Humedad Relativa					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
						Max. Min.	Max.		Min.		Med.					Min.	Max.	Min	Med.							Días			
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Med.	Med.	Abs.	D.	Abs.	D.	Sue.	7	14	20	Med.	Abs.	Abs.		Med.	Solar		7	14	20	Suma	lluv.	Max.	D.
Enero						16.8	23.0	18.9	19.4	24.2	15.3	25.4	V	13.5	V	14.1	91	62	86	80	46	15.3	10.6	13.3	7.3	5.0	1.3	34.5	3.2	41.4	81.0	15	22.0	10
Febro						16.1	21.6	18.4	18.6	22.6	14.9	25.0	28	13.5	3	13.8	95	66	89	83	50	16.1	10.8	13.2	8.6	3.6	1.2	83.9	22.7	43.1	147.8	18	36.5	1
Marzo						17.0	22.6	19.0	19.4	23.7	15.6	26.0	1	14.5	5	14.3	94	67	90	84	50	16.5	11.2	14.0	8.7	3.5	1.1	75.7	5.0	98.2	178.9	19	39.2	25
Abril						16.9	21.9	17.9	18.6	23.0	15.4	25.0	17	14.0	V	14.5	93	69	89	84	55	15.8	11.4	13.5	8.4	3.0	0.9	143.0	10.3	110.2	263.5	22	63.6	19
Mayo						17.4	22.5	18.7	19.3	23.3	15.5	25.5	23	14.0	7	14.4	90	66	88	81	50	15.8	10.2	12.7	9.2	3.8	1.0	134.0	9.8	57.8	201.6	17	77.0	14
Junio						17.8	23.0	18.8	19.6	23.9	15.6	26.6	7	14.0	V	14.5	90	64	86	80	50	15.5	10.9	13.7	8.4	5.0	1.3	21.5	1.9	43.6	68.2	12	24.7	28
Julio						17.1	22.5	18.1	18.9	23.6	15.2	26.0	13	13.5	26	14.0	91	62	84	79	40	15.8	9.6	13.0	8.4	5.4	1.3	55.7	18.4	64.6	137.5	18	27.5	16
Agsto						17.4	23.4	18.9	19.6	24.1	16.0	26.6	29	14.0	2	14.8	92	60	76	76	47	15.4	10.6	13.0	7.8	5.8	1.6	27.0	0.5	18.1	45.6	9	23.4	1
Spbre						17.9	23.7	18.7	19.7	24.7	16.3	28.0	3	14.9	V	15.1	89	57	79	75	44	15.7	10.4	12.9	8.2	4.9	1.4	35.9	2.7	47.0	113.0	14	33.3	19
Ocbre						17.4	23.1	18.4	19.3	23.1	15.5	25.8	11	14.5	V	14.4	92	61	87	80	50	15.0	11.4	13.4	8.5	(4.3)	1.2	121.1	21.3	48.9	164.1	20	31.8	31
Nvbre						16.8	21.8	17.5	18.4	22.8	14.9	25.5	30	13.0	V	13.6	91	65	90	82	41	15.1	8.6	13.1	9.1	(3.7)	1.0	80.3	10.1	80.4	170.6	22	26.0	4
Dcbre						17.5	22.8	18.3	19.2	23.8	15.4	26.2	6	13.8	14	14.3	91	60	87	80	49	15.9	9.3	13.4	7.9	4.3	1.2	81.6	0.4	16.0	98.8	7	56.6	16
MED. ANUAL						17.2	22.6	18.5	19.2	23.6	15.5	26.6	—	13.9	—	14.3	92	63	86	80	48	15.6	10.4	13.4	8.4	(4.3)	1.2	74.5	8.8	55.8	139.2	193	38.9	—

Precipitación total : 1.670.6

Precipitación máxima : 77.0 - 14 - V

Días lluviosos : 193

ESTACION: SEVILLA — FRECUENCIA DE PRECIPITACION Y TEMPERATURAS — AÑO: 1.963

MESES	PRECIPITACION																						TEMPERATURAS			
	7 horas					14 horas					20 horas					Total							Min. abajo	Min. arriba	Max. abajo	Max. arriba
	más de					más de					más de					más de										
	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0	de 14 ºC	de 16 ºC	de 22ºC	de 25 ºC
Enero	9	5	2	—	—	1	1	—	—	—	8	4	1	1	—	15	9	8	5	3	1	—	6	8	1	—
Febro	14	9	3	1	—	7	3	—	—	—	11	6	1	1	—	18	9	8	8	8	3	—	5	4	10	—
Marzo	11	9	1	1	—	3	1	—	—	—	13	10	4	1	—	19	14	12	9	7	3	—	—	10	4	1
Abril	14	11	3	2	1	11	4	—	—	—	13	12	4	1	—	22	20	12	11	7	4	1	2	5	8	—
Mayo	11	9	5	3	—	8	1	—	—	—	9	8	2	1	—	17	13	12	7	6	4	1	1	10	6	—
Junio	10	3	—	—	—	5	—	—	—	—	8	6	1	1	—	12	9	6	5	1	1	—	4	16	3	1
Julio	12	9	2	1	—	5	4	—	—	—	12	10	2	—	—	18	16	12	9	5	2	—	5	8	5	1
Agsto	4	3	1	1	—	2	—	—	—	—	6	4	—	—	—	9	4	3	3	1	1	—	1	17	3	2
Spbre	5	3	1	1	—	5	1	—	—	—	8	6	1	—	—	14	9	8	5	3	2	—	—	23	—	8
Ocbre	15	13	5	3	—	6	3	1	—	—	12	10	1	1	—	20	18	14	8	6	3	—	—	10	3	—
Nvbre	14	12	3	1	—	6	2	—	—	—	16	13	2	—	—	22	18	16	12	7	2	—	4	1	10	1
Dcbre	5	5	2	1	1	1	—	—	—	—	4	2	1	—	—	7	7	5	5	3	1	1	4	7	4	2
SUMA ANUAL	124	91	28	15	2	60	20	1	—	—	120	91	21	7	—	193	146	116	87	57	27	3	32	119	57	16

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	1	2	3	2	2	1	1	—	—	1	1	1	—	—	—	2	2	2	4	6	3	4	5	1	14
Febro	2	2	6	6	7	7	4	6	3	4	4	1	1	2	4	2	4	3	5	3	4	2	2	2	16
Marzo	1	1	3	4	4	4	1	—	—	—	—	2	2	2	3	4	6	12	8	4	4	3	3	1	18
Abril	5	6	8	7	4	6	3	2	2	3	3	3	4	4	4	5	10	7	8	7	1	3	6	6	21
Mayo	5	5	4	5	3	2	1	1	1	2	—	2	3	4	1	3	4	5	5	3	4	4	5	5	17
Junio	1	4	3	4	4	2	1	1	1	1	1	1	—	2	1	3	3	3	3	3	1	2	2	2	13
Julio	6	7	5	3	3	3	1	2	2	2	—	—	3	1	5	3	4	5	7	7	4	2	2	2	19
Agsto	1	1	2	—	—	1	1	1	1	1	—	—	—	—	2	1	1	4	2	2	1	2	2	2	10
Spbre	1	2	—	1	2	2	2	2	2	—	—	—	—	2	1	2	5	7	3	2	—	1	2	2	13
Ocbre	1	7	6	7	7	7	3	2	2	1	—	—	1	2	5	5	4	5	4	5	5	1	3	3	19
Nvbre	6	8	6	4	4	3	4	1	1	2	2	1	2	5	7	8	9	5	6	3	5	7	6	7	21
Dcbre	2	3	3	3	4	3	—	—	1	—	—	—	—	—	2	1	3	2	2	—	—	3	3	—	10
SUMA ANUAL	32	48	49	46	44	41	22	18	16	17	11	11	16	24	35	39	55	58	57	45	32	34	43	33	191

ESTACION SEVILLA — FRECUENCIA DE NUBOSIDAD BRILLO SOLAR Y VIENTOS — AÑO 1.963

MESES	NUBOSIDAD en décimos		BRILLO SOLAR		NUMERO DE DIAS CON: VIENTOS																											
					7 horas									14 horas								20 horas										
	Bajo 3.0	Más 8.0	Bajo 0.9	Mas 9.0	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C
Enero	2	13	1	—	1	—	—	—	—	6	23	1	—	4	4	4	4	4	2	5	4	—	3	1	—	1	2	7	16	1	—
Febro	—	19	5	1	—	—	—	—	1	6	18	2	1	3	5	2	3	3	3	6	3	—	—	2	—	—	—	7	15	4	—
Marzo	—	22	3	—	—	—	—	—	—	5	21	—	5	5	2	3	4	5	2	7	2	1	2	2	—	—	1	3	22	—	1
Abril	—	18	8	—	1	—	2	—	—	5	13	5	4	3	6	1	2	5	2	3	8	—	4	1	—	1	2	7	12	3	—
Mayo	1	27	6	—	1	2	4	3	1	2	10	2	6	3	4	4	4	2	4	6	3	1	1	1	4	1	3	1	18	1	1
Junio	—	19	4	3	1	—	—	1	—	3	14	3	8	4	1	2	2	2	4	5	8	2	—	—	—	—	1	6	22	—	1
Julio	1	23	1	4	1	—	5	—	1	4	16	1	3	5	3	3	—	3	4	8	4	1	1	1	3	1	2	2	21	—	—
Agsto	1	16	1	1	2	—	1	—	—	3	14	3	8	2	4	5	2	1	6	3	8	—	—	1	—	—	1	6	19	3	1
Spbre	—	20	1	—	—	1	—	—	—	2	20	3	4	1	4	2	-	4	5	7	6	1	—	1	—	—	2	5	19	—	3
Ocbre	1	22	(3	2)	—	2	—	—	—	3	18	5	3	4	9	—	1	2	5	5	5	—	—	1	—	2	1	4	17	2	4
Nvbre	—	25	4	1	—	—	—	—	—	5	17	6	2	2	4	2	1	2	5	8	6	—	2	1	4	1	—	5	16	1	—
Dcbre	—	16	2	—	1	—	—	1	—	8	19	1	1	4	2	1	3	5	4	6	6	—	2	2	—	—	—	3	22	1	1
SUMA ANUAL	6	238	(39	12)	8	5	12	5	3	52	203	32	45	40	48	29	26	38	46	69	63	6	15	14	11	7	15	56	219	16	12

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11 12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	4	4	4	4	—	4	5	3	8	—	—	26	14	8	5	7	5	4	3	2	4	5	30
Febro	—	1	5	2	2	2	3	5	4	5	2	—	25	18	13	13	11	12	7	6	4	7	13	25
Marzo	—	1	3	3	1	—	—	—	4	4	4	—	27	20	10	6	12	10	6	6	7	11	13	27
Abril	—	1	2	3	—	2	4	5	4	2	3	—	26	19	15	12	17	14	11	10	10	12	16	23
Mayo	—	2	4	4	—	—	—	5	4	6	6	—	29	19	14	11	13	11	7	13	9	9	10	17
Junio	—	3	6	6	3	4	3	9	9	9	6	—	24	11	9	9	9	3	4	5	4	6	7	20
Julio	—	7	7	8	4	5	5	5	9	8	9	—	16	12	8	7	6	6	6	5	3	6	7	14
Agsto	—	3	9	3	3	1	5	10	9	8	6	—	21	9	5	5	6	6	3	4	3	2	4	20
Spbre	—	4	9	9	3	5	5	7	5	6	2	—	24	14	9	9	6	10	6	4	5	6	8	24
Ocbre	(—	1	2	6	4	1	2	4	7	3	3	—	23	13	9	8	9	6	6	4	5	6	12	20)
Nvbre	(—	1	2	2	3	3	5	5	6	3	—	—	22	17	8	7	6	5	4	7	6	9	10	23)
Dcbre	—	1	5	5	3	2	1	3	6	9	—	—	31	15	8	7	5	7	6	6	3	5	11	31
SUMA ANUAL	(—	29	56	55	30	25	37	67	70	70	41	—	294	181	116	99	107	95	70	73	61	83	116	274)

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: SEVILLA — DE LA PRECIPITACION — AÑO: 1.963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. /m.	Int. Max. 1/m.	h:min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	81.0	15	12	7	19	62.9	18.1	17:35'	11:45'	29:20'	17.2	3:30'	0.08	2.0	0.4	6:10'	11.2	0.03	1.0	0.2
Febro	147.8	18	26	22	48	67.0	80.8	25:25'	30:15'	55:40'	34.7	4:15'	0.13	5.0	1.0	7:30'	16.8	0.03	1.5	0.3
Marzo	178.9	19	20	12	32	97.8	81.1	25:50'	20:20'	46:10'	38.2	3:20'	0.19	5.0	1.0	5:10'	8.2	0.02	0.6	0.1
Abril	253.5	22	31	25	56	175.4	88.1	40:40'	34:20'	75:00'	63.6	8:20'	0.12	5.5	1.1	8:20'	63.6	0.12	5.5	1.1
Mayo	201.6	17	23	12	35	135.6	66.0	32.40'	21:40'	53:20'	76.7	12:25'	0.10	4.2	0.8	12:25'	76.7	0.10	4.2	0.8
Junio	68.2	12	16	17	33	45.4	22.8	11:05'	13:05'	24:10'	24.6	0:45'	0.54	7.2	1.4	3:20'	9.2	0.04	0.5	0.1
Julio	137.5	18	26	15	41	83.5	54.0	24:35'	23:55'	48:30'	29.7	9:25'	0.05	2.0	0.4	9:25'	29.7	0.05	2.0	0.4
Agsto	45.6	9	11	5	16	41.8	3.8	11:50'	5:00'	16:50'	26.8	5:25'	0.08	2.0	0.4	5:25'	26.8	0.08	2.0	0.4
Spbre	113.0	14	14	9	23	48.2	64.8	14:15'	13:30'	27:15'	27.4	2:25'	0.18	4.5	0.9	2:40'	5.1	0.03	0.4	0.1
Ocbre	164.1	20	19	20	39	60.3	103.8	24:50'	32:20'	57:10'	34.8	8:10'	0.07	3.6	0.7	8:10'	34.8	0.07	3.6	0.7
Nvbre	170.6	22	25	26	52	89.5	81.1	32:20'	46:25'	80:45'	21.6	7:55'	0.04	1.0	0.2	7:55'	21.6	0.04	1.0	0.2
Dcbre	98.8	7	5	16	21	16.0	82.8	6:40'	18:20'	25:00'	48.5	4:00'	0.20	10.5	2.1	4:00'	48.5	0.20	10.5	2.1
TOTALES	1670.6	195	229	136	415	923.4	747.2	267:45'	272:25'	539:10'	443.8	69:55'	XX	XX	XX	80:40'	352.2	XX	XX	XX

ESTACION Restrepo MES Enero AÑO 19 63 φ = 3º 49' N λ = 76º 32' W.GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.4	24.8	18.5	19.6	26.3	15.1	14.1	13.7	13.6	14.2	13.8	97	58	89	81	9.3	5.4	—	—	—	—	1.5	00 0	12 1	10 2
2	17.0	23.7	18.2	19.3	25.6	16.3	15.0	14.2	14.4	14.8	14.5	98	65	94	86	9.3	5.0	—	1.3	—	1.3	1.2	00 0	12 1	00 0
3	17.4	26.0	19.1	20.4	27.0	15.7	14.8	14.0	13.3	15.1	14.1	94	52	88	79	8.7	6.1	—	—	—	—	1.6	00 0	10 1	08 2
4	18.2	25.1	19.0	20.3	26.1	17.0	16.1	14.8	13.1	14.9	14.3	94	55	91	80	8.7	6.8	—	—	—	—	2.3	00 0	12 2	10 2
5	18.2	25.4	19.4	20.6	25.8	16.9	15.8	14.8	12.9	15.2	14.3	94	53	90	79	9.0	5.6	—	—	—	—	1.8	00 0	10 2	08 1
6	17.6	25.8	18.5	20.1	26.7	16.3	15.5	14.2	12.5	14.5	13.4	94	50	90	78	9.3	6.1	—	—	—	—	1.0	08 1	10 2	10 2
7	16.6	23.4	18.2	19.1	24.0	14.8	14.0	13.9	13.2	13.6	13.6	98	61	87	82	9.3	—	--	—	—	—	1.2	00 0	00 0	00 0
8	15.6	25.2	18.0	19.3	25.9	14.9	14.0	15.3	14.0	14.0	14.4	100	58	91	83	9.0	—	—	—	—	—	1.4	00 0	12 1	10 1
9	15.8	23.0	18.6	19.0	23.8	14.0	13.2	12.9	13.8	14.5	13.7	96	65	91	84	9.3	1.7	—	—	—	—	1.0	00 0	00 0	00 0
10	17.0	24.1	19.0	19.8	25.1	15.6	14.3	14.0	13.5	14.1	13.9	86	60	86	81	10.0	5.4	—	—	—	4.2	1.3	00 0	10 1	10 2
11	17.0	23.0	18.2	19.1	24.1	16.5	15.4	14.0	13.8	14.8	14.2	96	65	94	85	10.0	2.7	4.2	40.3	—	40.2	1.0	00 0	16 1	00 0
12	16.8	24.8	18.6	19.7	25.3	15.6	14.0	13.8	14.0	14.0	13.9	96	60	87	81	9.3	6.4	—	—	—	—	1.6	00 0	14 2	10 2
13	17.4	25.6	18.4	19.9	26.2	15.1	14.0	14.2	12.9	13.7	13.6	96	52	86	78	8.3	7.8	—	—	—	—	2.0	00 0	12 2	08 1
14	16.4	25.0	18.6	19.7	25.4	15.7	16.4	13.5	13.4	14.4	13.8	96	56	90	81	8.7	7.5	—	—	—	—	1.4	00 0	14 1	08 2
15	16.2	25.0	18.0	19.3	25.7	15.2	14.0	13.3	13.1	14.4	13.6	96	55	92	81	8.0	7.6	—	—	—	—	2.2	00 0	10 2	12 1
16	16.2	25.0	18.4	19.5	26.0	14.8	14.0	13.3	12.5	14.4	13.4	96	52	91	80	9.7	4.9	—	0.3	—	0.3	1.8	00 0	12 2	08 1
17	15.8	25.4	18.0	19.3	26.1	15.7	14.7	12.7	12.3	13.8	12.9	94	50	90	78	10.0	5.0	—	—	—	—	1.8	00 0	10 2	08 1
18	16.0	25.6	18.0	19.4	26.0	15.6	14.0	13.1	12.3	113.7	13.0	96	50	89	78	7.0	8.5	—	—	—	—	2.3	00 0	10 2	08 1
19	15.2	25.2	18.0	19.1	25.4	14.0	13.2	12.4	12.1	13.8	12.8	96	50	90	79	7.7	9.2	—	—	—	0.1	2.4	00 0	12 2	10 2
20	16.2	25.2	18.6	19.7	25.6	15.7	14.6	13.1	12.1	14.5	13.2	95	50	91	79	8.3	5.7	0.1	—	—	1.0	2.4	00 0	12 2	10 2
21	16.2	23.2	18.0	18.8	25.0	15.8	14.6	13.3	12.8	14.1	13.4	96	60	92	83	8.3	5.5	1.0	—	—	—	1.2	00 0	00 0	00 0
22	14.8	24.8	18.7	19.2	26.0	13.0	11.8	12.1	14.0	14.5	13.5	96	60	91	82	9.3	7.4	—	—	—	—	1.5	00 0	12 1	10 1
23	17.4	25.8	19.2	20.4	27.0	16.8	15.1	12.5	12.5	15.0	13.3	84	50	90	75	8.7	8.7	—	—	—	3.0	3.0	00 0	12 2	08 2
24	14.6	25.6	19.2	19.6	26.7	14.0	13.0	12.5	13.1	14.7	13.4	100	53	88	80	9.3	8.8	3.0	—	—	—	2.2	00 0	00 0	08 2
25	16.8	24.6	17.8	19.2	26.0	16.1	15.0	13.5	12.8	13.2	13.2	94	55	86	88	10.0	3.0	—	—	—	—	1.8	00 0	12 2	10 2
26	13.8	24.8	18.4	18.8	25.3	12.1	10.0	11.5	13.0	14.4	13.0	97	55	91	81	9.0	6.5	—	—	—	—	1.4	00 0	16 2	00 0
27	17.1	25.0	19.8	20.4	26.1	16.3	15.0	13.7	13.4	14.7	13.9	94	56	85	78	9.3	3.6	—	—	—	—	2.0	00 0	10 1	00 0
28	13.2	24.2	18.2	18.4	25.7	12.8	11.0	10.9	11.9	14.8	12.5	96	52	94	81	7.3	7.6	—	—	—	—	1.3	00 0	04 1	00 0
29	16.6	23.6	18.4	19.2	25.7	15.0	14.1	13.3	13.5	14.2	13.7	94	62	90	82	9.0	6.0	—	—	—	—	1.7	00 0	10 2	08 1
30	16.2	25.6	19.4	20.2	26.7	15.0	14.0	13.0	12.9	14.7	13.5	94	52	88	78	8.7	5.8	—	—	—	—	2.2	00 0	10 1	08 2
31	16.4	26.0	18.6	19.9	27.0	16.0	15.0	13.2	12.2	13.8	13.1	94	48	86	76	9.3	7.8	—	—	—	—	2.8	00 0	12 2	10 1
MED.	16.3	24.8	18.5	19.5	25.8	15.3	14.1	13.4	13.1	14.3	13.6	95	55	90	80	8.9	5.7	0.3	0.2	—	0.4	1.8	— -	— -	— -

Total 14.2 m.m.

ESTACION Restrepo MES Febrero AÑO 1963 φ = 3º 49' N λ = 76º 30' W.GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.4	24.0	18.8	19.2	25.2	14.0	13.0	12.9	11.8	13.4	12.7	98	52	83	78	9.3	5.6	--	--	--	10.1	3.2	00 0	10 2	08 1
2	16.0	20.2	17.4	17.8	25.0	15.3	14.0	13.1	14.0	13.9	13.7	96	79	93	89	9.7	4.7	10.1	0.5	0.1	0.6	1.0	00 0	02 1	00 0
3	15.6	24.2	18.0	18.9	26.1	13.7	12.5	12.9	13.0	14.1	13.3	94	57	92	81	10.0	6.8	--	--	1.8	2.1	1.8	00 0	14 1	10 1
4	17.3	19.8	17.2	17.9	22.3	16.8	16.0	13.4	14.2	13.9	13.8	91	83	94	89	9.3	3.2	0.3	--	--	--	1.6	10 2	02 1	00 0
5	16.8	23.2	18.0	19.0	25.0	15.6	14.3	13.5	13.4	14.1	13.7	94	63	92	83	9.3	4.8	--	--	--	--	1.6	00 0	10 1	08 1
6	17.2	25.8	18.4	19.9	26.4	16.8	16.0	13.9	12.5	14.0	13.5	94	50	90	90	10.0	6.3	--	--	0.9	8.4	1.6	00 0	10 2	10 1
7	17.4	24.7	18.2	19.6	26.1	16.9	16.0	14.2	14.7	14.2	14.4	96	63	91	83	9.3	5.1	7.5	--	--	--	1.7	00 0	10 2	08 2
8	16.6	20.6	18.2	18.4	25.0	16.0	15.1	13.6	14.5	14.3	14.1	96	80	92	89	9.3	2.8	--	--	--	--	1.0	00 0	00 0	00 0
9	16.1	25.0	17.8	19.2	26.0	15.0	14.1	13.3	14.2	13.2	13.6	96	60	87	81	8.3	5.6	--	--	--	2.7	1.6	00 0	00 0	08 1
10	16.6	24.8	18.4	19.6	25.4	15.7	14.4	13.3	12.7	13.9	13.3	94	54	88	79	8.7	3.5	2.7	--	--	--	1.8	00 0	10 2	00 0
11	16.8	22.0	17.1	18.2	24.3	15.9	14.8	13.5	12.3	13.0	12.9	94	62	89	82	9.3	3.5	--	--	0.7	1.6	1.6	00 0	10 2	08 2
12	16.0	24.7	19.2	19.8	25.3	14.8	14.0	13.1	11.6	15.0	13.2	96	49	90	78	9.3	6.1	0.9	--	--	--	1.6	00 0	02 2	08 1
13	15.9	26.4	19.0	19.9	27.3	14.5	13.2	12.4	10.7	14.8	12.6	96	42	90	76	8.7	9.6	--	--	--	--	2.2	00 0	14 1	08 2
14	14.5	25.6	18.6	19.3	26.0	13.6	12.4	11.7	12.6	14.1	12.8	95	51	88	78	8.7	7.5	--	--	--	--	2.0	10 1	16 2	08 2
15	15.4	26.4	18.9	19.9	27.0	13.9	13.0	12.7	12.3	14.6	13.2	96	47	90	78	8.7	8.5	--	--	--	--	2.4	00 0	10 2	08 2
16	16.0	26.8	19.0	20.2	27.4	15.1	14.2	13.0	12.3	15.1	13.5	95	46	93	78	6.3	8.4	--	--	--	--	2.0	00 0	12 1	10 1
17	17.0	22.0	17.0	18.2	23.0	16.6	15.4	14.2	14.8	12.9	14.0	98	74	89	87	7.7	1.9	--	--	0.3	0.3	1.4	00 0	10 1	10 1
18	16.8	21.2	16.2	17.6	22.3	15.6	14.2	13.8	12.7	13.3	13.3	96	68	96	87	10.0	1.4	--	--	0.3	2.2	1.3	00 0	14 1	10 1
19	16.6	21.0	16.0	17.4	22.0	14.4	13.2	12.9	12.4	12.8	12.7	91	67	94	84	10.0	1.3	1.9	--	14.4	14.4	0.8	00 0	10 1	00 0
20	14.5	24.2	17.6	18.5	24.8	13.6	12.8	12.0	11.6	13.9	12.5	97	51	92	80	10.0	5.5	--	0.1	9.5	9.6	0.8	00 0	00 0	10 1
21	16.2	22.8	18.0	18.8	25.0	15.6	15.0	13.1	13.0	14.6	13.6	95	64	94	84	10.0	5.5	--	--	1.2	3.1	1.4	00 0	12 2	08 1
22	14.2	19.4	17.1	16.9	23.0	13.8	13.0	11.9	14.4	13.7	13.3	98	86	93	92	10.0	1.9	1.9	0.3	1.8	2.8	1.0	00 0	00 0	00 0
23	15.8	22.2	17.8	18.4	23.8	14.6	13.8	12.9	14.3	13.7	13.6	96	71	90	86	10.0	4.1	0.7	--	0.3	1.6	0.8	00 0	00 0	08 1
24	16.6	25.6	17.6	19.4	26.0	15.6	14.0	13.3	12.9	14.0	13.4	94	52	93	80	9.3	3.2	1.3	0.1	3.7	3.8	1.0	00 0	08 1	00 0
25	15.4	22.8	18.0	18.6	23.0	14.0	13.0	12.9	14.7	14.6	14.1	98	70	94	87	9.3	3.7	--	0.1	--	0.1	1.2	00 0	10 1	08 2
26	16.1	25.2	18.4	19.5	25.6	15.6	14.2	13.0	13.7	13.8	13.5	94	57	86	79	8.0	8.9	--	--	--	0.3	1.8	00 0	10 2	08 1
27	16.8	22.8	18.4	19.1	24.1	15.6	14.3	13.5	14.9	14.4	14.3	94	71	91	85	9.3	5.4	0.3	0.1	--	0.1	0.6	00 0	00 0	08 1
28	14.8	26.4	18.8	18.6	26.7	13.3	12.1	11.9	13.4	14.6	13.3	96	52	90	79	9.0	7.4	--	--	--	--	1.8	00 0	10 1	10 2
29																									
30																									
31																									
MED.	16.0	23.6	18.0	18.9	25.0	15.1	14.0	13.1	13.2	14.0	13.4	95	61	91.	82	9.2	5.0	1.0	--	1.2	2.3	1.5	--	--	--

Total 63.8 m.m.

ESTACION Restrepo MES Marzo AÑO 1963 φ = 3º 49' N λ = 76º 30' W.GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18,0	25,0	18,2	19,8	26,1	16,8	16,0	14,7	13,1	14,0	13,9	95	55	90	80	9,0	9,0	—	—	—	—	2,6	00 0	10 2	08 2
2	16,2	24,2	19,0	19,6	25,3	15,4	14,1	13,1	14,8	14,9	14,3	95	65	91	84	8,3	9,0	—	—	—	—	2,0	00 0	00 0	08 1
3	18,0	25,0	19,6	20,6	26,3	15,7	14,9	14,6	14,2	14,8	14,5	94	60	87	80	9,7	7,5	—	—	—	—	1,8	00 0	00 0	00 0
4	17,0	23,4	19,0	19,6	25,6	14,7	13,6	14,0	14,0	15,0	14,3	96	65	91	84	10,0	4,5	—	—	—	—	1,8	00 0	12 1	10 1
5	15,8	25,6	18,4	19,6	25,3	13,8	13,0	13,2	12,9	15,3	13,8	98	52	96	82	9,7	5,8	—	—	1,9	2,6	2,2	00 0	14 1	12 1
6	14,0	25,4	17,4	18,6	25,6	13,0	12,0	11,4	13,5	13,6	12,8	95	55	91	80	8,7	6,3	0,7	—	0,7	0,7	1,8	08 1	08 1	00 0
7	16,8	26,0	19,2	20,3	26,3	15,5	14,3	13,8	13,2	14,4	13,8	96	52	87	78	8,3	9,0	—	—	—	—	1,6	00 0	00 0	08 1
8	17,0	23,2	19,2	19,6	25,0	15,0	14,0	14,0	15,1	14,1	14,4	96	71	85	84	10,0	2,8	—	4,6	—	4,6	1,2	00 0	00 0	00 0
9	17,5	22,4	18,0	19,0	23,3	16,3	15,1	14,3	15,3	14,0	14,5	95	75	91	87	9,7	1,5	—	2,9	—	2,9	1,3	00 0	10 1	00 0
10	15,6	22,8	18,8	19,0	25,0	14,8	14,0	13,6	14,7	15,0	14,4	98	70	93	87	10,0	3,4	—	—	0,3	5,5	0,8	00 0	00 0	10 1
11	15,3	22,5	18,6	18,7	25,0	14,6	13,8	12,4	16,8	14,5	14,6	96	82	91	90	9,3	4,6	5,2	2,4	—	2,6	0,8	00 0	00 0	00 0
12	18,1	21,8	18,0	19,0	24,2	16,6	15,5	14,8	15,4	13,8	14,7	94	79	90	88	10,0	1,9	0,2	19,8	—	19,8	1,0	00 0	10 1	10 1
13	15,8	20,8	17,6	17,9	24,3	15,4	14,0	13,2	15,4	14,4	14,3	98	84	95	92	9,3	2,8	—	19,6	—	19,6	1,3	00 0	00 0	00 0
14	18,0	25,0	19,6	20,5	25,6	16,5	15,5	14,9	14,9	15,2	14,8	96	60	89	82	10,0	5,6	—	—	0,5	0,5	1,4	00 0	00 0	00 0
15	18,8	26,2	18,6	20,5	27,0	17,6	15,9	15,7	14,2	14,4	14,8	96	55	90	80	8,7	5,2	—	—	—	0,1	1,4	00 0	10 1	10 1
16	18,2	26,0	18,6	20,3	27,0	16,6	15,7	15,1	14,7	14,4	14,7	96	58	90	81	8,3	5,8	0,1	—	26,1	32,3	1,8	00 0	00 0	08 1
17	15,6	24,6	18,6	19,3	26,8	15,3	14,1	13,0	13,9	15,8	14,2	98	60	98	85	9,3	4,3	12,2	—	3,3	3,3	0,8	00 0	00 0	00 0
18	16,3	26,6	19,6	20,5	27,3	15,5	14,8	14,1	14,1	15,4	14,5	96	54	90	80	9,3	8,9	—	—	—	3,2	1,8	04 1	04 1	00 0
19	16,4	24,4	19,2	19,8	25,2	15,0	14,0	13,4	13,7	15,6	14,2	96	60	94	83	9,3	6,3	3,2	—	—	4,1	1,8	00 0	10 2	00 0
20	17,6	25,4	19,8	20,6	26,0	16,0	14,8	14,4	14,6	15,1	14,7	95	60	88	81	9,3	5,2	4,1	—	—	—	1,6	00 0	12 2	10 1
21	18,0	25,3	19,3	20,5	26,3	16,6	15,1	13,8	13,3	15,0	14,0	90	55	90	78	9,0	7,0	—	—	—	—	1,8	00 0	00 0	00 0
22	18,6	24,4	18,2	19,8	25,8	17,0	16,0	15,2	15,0	14,0	14,7	94	65	90	83	9,0	4,2	—	—	—	—	1,8	00 0	12 2	10 2
23	16,2	26,6	20,0	20,7	27,0	15,0	14,3	13,3	13,6	15,8	14,2	96	52	90	79	8,7	6,2	—	0,1	—	1,5	1,6	00 0	00 0	00 0
24	17,0	24,9	19,2	20,1	25,4	16,4	15,3	14,1	13,2	15,6	14,3	97	56	94	82	10,0	2,6	1,4	0,2	—	0,2	2,0	00 0	10 1	00 0
25	17,6	25,6	18,6	20,1	26,4	16,1	15,4	14,0	14,0	15,3	14,4	93	59	95	82	7,7	8,0	—	—	—	—	1,6	00 0	10 2	00 0
26	18,0	21,8	18,4	19,1	24,1	17,0	15,8	13,8	14,4	14,5	14,2	90	75	92	86	9,3	1,8	—	—	—	—	0,8	00 0	00 0	00 0
27	16,8	26,0	19,2	20,3	26,3	15,5	14,7	14,2	14,1	15,1	14,5	99	56	91	82	8,7	6,0	—	—	—	—	1,4	00 0	12 1	00 0
28	18,1	23,5	18,0	19,4	24,0	17,0	15,4	14,9	12,5	13,4	13,5	95	52	86	80	10,0	3,0	—	—	—	—	1,7	00 0	12 2	10 2
29	15,0	23,0	18,6	18,8	24,0	13,9	13,0	12,5	14,8	14,1	13,8	98	71	88	86	9,0	6,8	—	—	—	—	1,4	00 0	10 1	00 0
30	17,5	20,0	19,0	18,9	25,0	15,6	14,3	14,2	14,1	14,8	14,4	94	80	90	88	9,3	6,0	—	11,0	0,3	12,0	1,4	00 0	00 0	00 0
31	17,6	25,4	17,6	19,5	25,8	16,7	14,9	14,5	13,5	14,2	14,1	96	55	94	82	9,3	5,5	0,7	1,3	—	1,3	1,2	00 0	12 2	00 0
MED.	17,0	24,3	18,7	19,7	25,6	15,7	14,6	13,9	14,2	14,7	14,3	96	63	91	83	9,2	5,4	0,9	2,0	11,1	4,0	1,6	— —	— —	— —

Total 122,8 m.m.

ESTACION Restrepo MES Abril AÑO 19 63 φ = 3° 49' N λ = 76° 30' W.GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.6	24.6	19.2	19.9	25.0	14.8	14.0	13.3	14.4	15.4	14.4	94	62	93	83	9.3	8.0	--	--	--	1.1	1.6	00 0	12 2	08 1
2	18.2	22.6	18.4	19.4	23.0	17.0	16.0	15.4	14.4	14.2	14.7	98	70	90	86	10.0	0.5	1.1	--	--	--	1.0	00 0	08 1	10 1
3	18.0	23.0	18.0	19.2	24.2	16.4	14.9	15.0	16.7	14.5	15.4	97	79	93	90	9.7	4.5	--	0.3	--	4.6	1.2	08 1	00 0	00 0
4	17.9	23.0	17.0	18.7	24.2	16.5	14.8	15.0	10.6	13.5	13.0	98	50	93	80	10.0	--	4.3	2.8	--	2.8	0.8	00 0	00 0	04 1
5	14.5	22.0	17.8	18.0	23.6	13.9	13.0	11.9	15.5	14.2	13.9	96	78	93	89	9.3	6.4	--	--	--	--	1.4	00 0	04 1	08 1
6	17.3	22.6	17.9	18.9	23.1	15.9	15.0	13.9	16.4	14.2	14.8	94	80	93	89	9.3	2.3	--	--	0.1	0.1	1.0	00 0	16 1	08 2
7	17.0	25.0	18.6	19.8	25.9	15.5	14.7	12.3	11.9	12.9	12.4	85	50	80	72	9.3	6.0	--	--	--	--	2.0	08 1	10 2	08 1
8	14.8	23.0	19.0	18.9	25.0	14.0	13.0	12.1	11.9	13.9	12.6	96	57	85	79	8.7	7.8	--	--	0.5	0.5	1.4	00 0	00 0	00 0
9	18.0	25.5	19.5	20.6	26.0	16.0	15.0	13.4	12.2	14.9	13.5	87	50	88	75	8.0	7.7	--	--	--	--	1.8	08 1	00 0	00 0
10	15.2	23.5	18.8	19.1	24.1	14.7	13.9	12.4	13.3	14.5	13.4	96	61	89	82	9.0	7.7	--	--	--	--	4.4	00 0	14 2	08 1
11	15.2	25.0	19.0	19.8	26.2	14.0	13.5	13.0	13.4	14.3	13.6	94	56	87	79	5.7	7.3	--	--	--	--	1.8	00 0	16 1	00 0
12	16.8	21.4	18.2	18.6	24.0	15.9	15.0	13.5	14.4	14.2	14.0	94	75	91	87	7.7	1.7	--	3.7	--	3.7	0.8	00 0	00 0	00 0
13	17.0	22.2	16.0	17.8	24.2	14.9	14.3	13.7	15.1	13.0	13.9	94	75	95	88	8.0	3.3	--	--	--	0.3	0.8	02 1	00 0	00 0
14	17.8	25.6	18.4	20.0	26.0	15.0	14.0	14.2	12.3	14.5	13.7	93	50	92	78	9.7	3.9	0.3	--	5.7	9.3	1.2	00 0	00 0	00 0
15	18.8	23.4	19.0	20.0	25.2	16.0	15.0	14.7	16.0	14.1	13.9	91	74	86	84	7.7	5.0	2.6	--	--	--	1.8	00 0	00 0	00 0
16	17.6	25.0	19.3	20.3	26.0	15.0	14.0	14.2	13.7	14.4	14.1	94	57	87	79	7.3	6.1	--	--	--	--	1.0	00 0	00 0	10 1
17	17.8	26.0	19.5	20.7	26.4	16.5	16.0	14.7	14.9	14.2	14.6	96	60	84	80	6.3	8.1	--	--	--	7.0	1.6	00 0	10 2	00 0
18	17.6	22.2	18.4	19.1	22.5	16.6	15.1	14.2	13.2	14.2	13.9	94	65	90	83	10.0	--	7.0	3.3	--	3.3	1.6	00 0	00 0	08 1
19	16.6	25.3	19.6	20.3	26.0	14.9	13.8	13.9	14.4	14.9	14.4	98	60	88	82	9.3	8.2	--	--	--	4.7	1.6	00 0	10 2	08 2
20	17.0	24.4	19.3	20.0	25.2	16.0	15.0	13.8	13.1	15.0	14.0	95	57	90	81	10.0	4.0	4.7	--	--	9.5	1.5	00 0	00 0	00 0
21	17.2	20.0	17.4	18.0	22.3	15.5	14.5	13.6	14.1	13.3	13.7	98	80	96	91	7.7	1.4	9.5	19.4	--	19.4	0.8	00 0	00 0	00 0
22	16.4	26.6	19.2	20.3	27.0	15.0	14.5	13.4	12.2	15.1	13.6	96	46	91	78	7.3	8.4	--	--	0.4	0.4	1.2	00 0	00 0	08 1
23	18.2	25.6	19.0	20.4	26.0	16.6	15.6	15.1	13.4	14.9	14.5	96	54	91	81	8.0	3.0	--	--	--	--	1.0	00 0	15 1	00 0
24	18.5	23.2	17.8	19.3	23.5	17.0	16.0	15.8	13.3	14.4	14.5	94	62	93	83	8.3	0.1	--	6.0	--	6.0	0.8	00 0	10 1	00 0
25	18.0	26.3	18.6	20.4	27.1	15.6	14.3	14.5	12.0	15.2	13.9	93	46	94	78	8.7	2.4	--	5.7	--	5.7	1.2	00 0	00 0	00 0
26	19.4	25.4	19.8	21.1	26.8	17.6	16.0	15.5	15.1	15.6	15.4	93	62	90	82	7.7	6.4	--	--	--	--	1.8	00 0	10 2	00 0
27	18.6	23.5	18.0	19.5	24.0	17.1	16.3	14.5	14.4	14.0	14.3	91	66	91	83	9.0	0.8	--	--	--	4.3	1.0	10 1	10 1	00 0
28	18.2	24.6	18.0	19.7	25.0	17.0	16.5	14.8	13.6	14.1	14.2	94	59	92	82	8.7	4.6	4.9	0.3	2.6	2.9	1.0	00 0	00 0	00 0
29	16.2	22.8	18.0	18.7	23.2	14.9	14.0	13.3	13.6	13.7	13.5	96	65	89	83	8.7	4.3	--	--	--	--	1.3	00 0	08 1	10 2
30	17.2	24.6	18.2	19.5	25.0	16.0	14.5	13.2	13.9	14.2	13.8	90	60	91	80	8.7	2.3	--	--	--	--	0.8	00 0	00 0	00 0
31																									
MED.	17.3	23.9	18.5	19.5	24.8	15.7	14.7	13.9	13.8	14.3	14.0	94	62	90	82	8.5	4.4	1.1	1.4	0.3	2.9	1.3	-- --	-- --	-- --

Total 86.2 m.m.

ESTACION Restrepo MES Mayo AÑO 1963 φ = 20 49 N λ = 76° 30' W GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.2	23.8	19.0	20.0	25.6	15.0	14.0	14.0	15.1	14.8	14.6	90	68	90	83	7.0	7.2	—	0.2	—	7.9	1.4	00 0	16 1	10 1
2	17.2	20.4	17.0	17.9	21.0	15.5	14.5	13.7	12.9	14.0	13.5	93	72	96	87	9.3	--	7.7	2.1	—	2.1	1.0	00 0	12 1	00 0
3	15.2	25.2	19.2	19.7	26.0	13.5	13.0	12.4	12.1	14.7	13.1	96	50	88	78	8.0	9.6	—	—	—	—	1.4	00 0	00 0	00 0
4	17.6	24.8	18.4	19.8	25.2	15.0	14.3	13.6	13.2	14.2	13.7	91	56	90	79	8.0	10.1	--	—	—	—	2.0	00 0	00 0	10 1
5	16.8	25.6	18.0	19.6	26.0	14.6	14.0	13.5	13.6	14.0	13.7	94	55	91	80	7.7	7.3	—	—	—	4.8	1.6	00 0	00 0	10 1
6	17.6	23.8	19.0	19.8	24.2	15.6	13.9	14.0	13.1	15.5	14.2	93	59	94	82	8.7	2.9	4.8	—	1.4	2.5	1.2	00 0	12 2	10 2
7	17.2	24.6	17.8	19.3	25.0	16.0	15.5	13.9	13.3	14.4	13.9	94	57	94	82	9.0	4.0	1.1	1.0	—	1.0	0.8	00 0	12 1	00 0
8	17.6	24.2	18.4	19.6	24.8	16.0	14.8	14.2	13.0	13.9	13.7	94	57	86	79	9.3	1.5	—	3.9	—	3.9	1.0	00 0	00 0	08 1
9	17.4	20.4	18.8	18.8	22.2	15.5	13.9	14.0	14.5	15.0	14.5	94	80	93	89	8.7	2.7	—	2.7	0.3	10.4	0.8	00 0	00 0	00 0
10	18.2	25.0	18.6	20.1	25.2	15.6	14.5	14.8	13.9	14.8	14.5	94	59	93	82	7.3	6.0	7.4	—	—	—	1.0	00 0	10 1	00 0
11	18.4	24.4	18.6	20.0	26.0	15.9	15.0	14.6	14.6	15.2	14.8	93	61	94	83	8.0	6.5	—	—	—	—	0.8	00 0	16 1	08 1
12	18.4	25.0	19.6	20.6	26.2	15.8	16.0	15.3	14.2	15.7	15.1	96	61	92	83	7.3	6.3	—	—	—	0.5	1.2	00 0	00 0	10 1
13	19.2	24.6	17.6	19.7	25.0	17.4	16.0	15.1	14.4	14.2	14.6	91	62	94	82	7.7	1.7	0.5	1.6	—	7.4	1.0	00 0	00 0	00 0
14	18.2	22.2	18.2	19.2	23.0	16.9	15.3	14.8	12.5	14.2	13.8	94	62	91	82	8.3	0.6	5.8	2.6	—	5.5	0.8	00 0	12 2	00 0
15	17.2	25.8	19.0	20.2	26.2	16.0	15.5	14.4	11.6	15.1	13.7	98	47	92	79	7.7	6.2	2.9	0.2	—	0.2	1.2	00 0	00 0	00 0
16	17.4	22.6	18.8	19.4	26.0	16.0	14.8	13.9	16.8	14.7	15.1	93	81	91	88	7.7	7.4	—	5.7	—	5.7	1.8	00 0	00 0	00 0
17	16.6	26.2	19.8	20.6	26.6	15.0	14.0	13.3	14.3	15.7	14.4	94	56	91	80	7.7	3.0	—	0.2	—	0.4	1.8	00 0	10 2	08 1
18	17.4	26.9	18.8	20.5	27.2	15.5	14.6	14.2	12.3	15.0	13.8	96	46	93	78	8.7	8.0	0.2	—	—	—	1.0	00 0	00 0	00.0
19	18.4	22.8	18.2	19.4	24.0	16.8	15.5	14.6	15.0	14.8	14.8	93	72	94	86	9.7	--	—	—	—	—	1.0	00 0	00 0	00 0
20	17.0	25.2	19.2	20.1	26.8	15.3	14.1	13.7	14.4	15.1	14.4	94	60	91	82	8.0	6.1	—	—	—	9.7	1.6	00 0	12 1	08 1
21	18.0	25.0	19.8	20.6	26.6	16.0	14.9	14.9	13.7	15.9	14.8	96	57	92	82	8.3	4.8	9.7	—	—	—	1.4	00 0	16 1	00 0
22	17.8	26.8	19.8	21.0	28.0	15.0	14.0	14.7	14.6	16.0	15.1	96	55	93	81	5.3	10.6	—	—	—	—	11.6	00 0	12 2	00 0
23	19.6	26.0	20.0	21.4	26.5	17.0	16.0	15.4	15.7	15.5	15.5	90	63	89	81	8.7	5.7	—	—	—	—	1.0	00 0	12 1	10 1
24	19.4	25.0	19.6	20.9	26.0	17.6	16.0	15.6	14.2	15.8	15.2	93	61	93	82	9.0	0.5	—	—	—	6.5	0.8	00 0	00 0	00 0
25	18.0	24.4	19.2	20.2	25.0	17.0	16.0	14.7	13.1	16.1	14.6	95	57	96	83	9.3	1.3	6.5	0.4	3.5	6.6	0.8	00 0	00 0	00 0
26	17.6	26.6	18.4	20.2	27.0	16.0	15.3	14.5	11.5	15.0	13.7	96	43	94	78	8.3	5.8	2.7	—	—	—	1.2	00 0	10 1	00 0
27	18.8	25.4	19.2	20.6	26.0	15.9	15.0	13.7	14.3	14.4	14.1	85	59	87	77	8.7	6.7	—	—	—	—	1.4	00 0	10 1	08 2
28	18.0	25.2	18.6	20.1	25.3	16.3	15.1	14.5	14.4	14.7	14.5	93	61	92	82	7.7	5.8	—	—	—	0.3	1.2	00 0	00 0	00 0
29	18.0	26.0	19.0	20.5	26.4	16.6	15.5	14.9	13.9	15.2	14.7	96	55	93	81	8.0	8.2	0.3	—	—	—	1.4	00 0	12 1	00 0
30	18.6	27.2	19.4	21.1	28.0	17.0	16.5	15.3	14.1	15.8	15.1	95	52	94	80	9.0	6.1	—	—	—	4.8	1.8	08 1	12 1	08 2
31	16.4	25.2	18.0	19.4	25.4	15.3	14.0	13.7	13.3	14.1	13.7	98	55	92	82	8.7	3.0	4.8	—	—	—	1.0	10 1	12 1	00 0
MED.	17.8	24.7	18.8	20.0	25.6	15.9	14.9	14.3	13.9	15.0	14.4	94	59	92	82	8.2	5.0	1.8	0.7	0.2	2.6	1.2	— -	— -	— -

Total 90.2 m.m.

ESTACION Restrepo MES Junio AÑO 1963 φ = 3° 49' N λ = 76° 30' W.GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.2	24.6	19.2	20.0	26.0	14.0	13.5	14.4	16.2	15.6	15.4	98	69	94	87	8.7	6.1	--	--	--	0.3	1.2	00 0	10 1	10 1
2	18.0	26.8	19.4	20.9	27.2	16.0	15.1	15.2	13.1	14.7	14.3	98	51	88	79	8.3	6.4	0.3	--	--	--	1.6	00 0	14 2	10 2
3	18.6	24.6	19.2	20.4	25.2	16.8	14.9	15.2	13.6	14.7	14.5	94	59	88	80	7.3	5.1	--	--	--	--	1.4	00 0	12 2	00 0
4	18.2	23.2	18.8	19.7	25.0	16.8	15.6	14.5	13.0	14.6	14.0	93	61	90	81	9.0	4.8	--	--	--	--	1.6	00 0	10 2	10 1
5	15.8	20.2	18.2	18.1	25.0	15.3	14.1	13.3	16.6	14.9	14.9	96	78	88	87	8.7	5.5	--	--	--	--	1.2	00 0	00 0	10 1
6	19.2	26.2	19.8	21.2	28.0	17.3	16.0	15.4	15.1	15.7	15.4	93	59	91	81	8.0	6.8	--	--	--	--	1.6	00 0	12 2	10 1
7	19.4	25.0	19.8	21.0	27.4	17.6	16.5	15.8	13.8	15.6	15.1	94	58	90	81	9.3	6.7	--	--	--	0.3	1.7	00 0	10 1	10 2
8	17.2	25.6	18.2	19.8	26.4	15.8	15.0	13.9	15.9	14.0	14.6	94	65	90	83	7.7	8.9	0.3	--	--	--	1.8	00 0	10 1	10 2
9	18.0	23.6	17.8	19.3	25.0	16.0	15.0	14.6	14.5	14.7	14.6	94	66	96	85	9.3	5.0	--	--	--	1.8	2.6	00 0	10 2	00 0
10	17.8	23.2	18.6	19.5	24.1	16.5	15.9	14.4	13.0	12.9	13.4	94	63	80	79	8.3	3.4	1.8	--	--	1.8	1.2	00 0	10 1	08 1
11	17.4	21.2	17.2	18.2	21.6	15.6	14.5	13.3	13.7	13.9	13.6	89	73	94	85	8.7	0.3	1.0	--	1.2	11.6	1.0	00 0	10 2	00 0
12	16.2	21.4	17.8	18.3	23.0	14.8	13.9	13.3	13.7	14.2	13.7	96	72	93	87	8.7	0.8	10.4	0.2	0.9	1.2	0.6	00 0	00 0	00 0
13	17.2	21.8	18.2	18.8	22.8	15.0	14.0	13.9	13.5	14.5	14.0	94	69	93	85	8.7	0.1	0.1	3.0	18.6	21.6	0.6	00 0	00 0	00 0
14	16.4	25.0	17.0	18.8	25.6	15.0	13.8	13.4	11.7	14.0	13.0	96	49	96	80	8.7	6.5	--	--	--	--	1.2	08 1	10 1	00 0
15	15.8	19.6	18.6	18.1	25.0	13.8	12.8	13.2	14.8	14.7	14.2	98	87	93	93	9.3	3.9	--	19.0	--	19.0	1.4	00 0	00 0	10 1
16	16.8	23.6	17.6	18.9	26.0	15.3	11.5	13.8	14.0	14.2	14.0	96	64	94	85	7.7	5.5	--	--	1.3	4.6	1.2	00 0	10 1	00 0
17	16.8	26.1	19.2	20.3	27.0	14.6	13.8	13.8	13.8	15.6	14.4	96	54	94	81	7.3	8.1	3.3	--	--	--	1.4	00 0	00 0	00 0
18	18.6	26.0	19.8	21.0	26.7	16.6	15.3	14.8	14.8	15.6	15.1	93	59	90	81	7.3	8.3	--	--	--	--	1.4	00 0	12 2	08 1
19	19.1	26.5	20.0	21.4	28.2	17.9	16.5	15.6	14.4	15.5	15.2	94	55	89	79	7.3	8.7	--	--	--	--	1.8	00 0	00 0	00 0
20	18.6	26.8	17.2	19.9	27.0	16.9	16.0	15.2	12.0	13.9	13.7	94	45	94	78	8.3	5.7	--	--	--	--	1.8	00 0	16 1	10 1
21	14.5	27.0	17.8	19.3	27.8	13.6	13.0	12.1	10.7	14.2	12.3	98	40	93	77	7.3	7.5	--	--	--	--	1.4	00 0	00 0	08 1
22	17.4	26.4	19.6	20.7	27.0	14.0	13.0	14.0	13.0	15.5	14.2	94	50	91	78	6.7	7.7	--	--	--	--	1.8	00 0	12 1	10 1
23	17.6	26.6	18.2	20.1	26.9	15.9	14.3	14.2	14.1	14.5	14.3	94	54	93	80	8.0	8.0	--	--	--	--	1.8	00 0	10 1	00 0
24	17.0	25.4	19.0	20.1	26.3	15.0	14.0	13.8	12.3	14.9	13.7	95	50	91	79	8.3	5.8	--	--	--	--	1.7	00 0	00 0	12 1
25	18.0	18.3	24.8	17.9	28.0	16.5	16.0	14.8	14.0	13.8	14.2	94	61	90	82	8.0	6.9	--	--	--	--	1.4	00 0	12 2	10 2
26	17.8	24.4	18.0	19.5	25.2	16.0	15.0	14.2	13.7	14.6	14.2	93	60	94	82	9.0	7.2	--	--	--	--	1.4	00 0	10 2	10 2
27	18.0	26.0	18.0	20.0	26.3	16.0	15.0	14.7	14.1	14.1	14.3	95	56	92	81	8.3	7.7	--	--	--	0.1	1.4	00 0	10 1	08 2
28	18.6	25.6	18.4	20.2	26.0	17.0	16.5	14.7	11.0	13.9	13.2	92	45	88	75	8.3	7.5	0.1	--	--	0.1	1.8	00 0	10 2	00 0
29	15.6	25.6	18.8	19.7	26.3	15.0	14.1	13.3	14.0	14.6	14.0	94	57	90	80	8.0	7.2	0.1	--	--	23.1	0.5	00 0	12 2	10 2
30	18.2	25.2	19.2	20.4	26.0	15.5	14.5	15.1	12.8	15.4	14.4	96	53	93	81	8.3	3.6	23.1	--	--	--	1.0	00 0	08 1	10 2
31																									
MED.	17.5	24.6	18.5	19.8	25.9	15.7	14.6	14.3	13.7	14.6	14.2	95	59	91	82	8.2	5.8	1.4	0.7	0.7	2.8	1.4	--	--	--

Total 84.7 m.m.

ESTACION Restrepo MES Julio AÑO 1963 φ = 39° 49' N λ = 76° 30' W.GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.4	23.4	19.4	20.1	26.2	16.6	15.5	15.0	14.6	15.2	14.9	94	67	90	84	8.7	8.4	—	—	—	—	1.6	00 0	10 1	10 2
2	17.6	24.8	18.2	19.7	25.0	16.6	16.0	13.0	12.3	14.5	13.3	86	52	93	77	8.3	4.2	—	—	0.4	0.4	1.4	08 1	00 0	00 0
3	15.8	26.0	18.4	19.6	27.0	14.5	13.8	12.5	12.9	14.1	13.2	93	51	89	78	8.0	9.8	—	—	—	—	1.4	00 0	00 0	10 2
4	18.2	24.4	19.0	20.1	25.1	17.0	16.0	15.1	13.4	15.1	14.5	96	59	92	82	8.7	3.4	—	—	—	—	1.4	00 0	00 0	10 1
5	18.0	25.0	19.0	20.2	25.1	16.6	15.4	14.9	13.1	14.5	14.2	96	55	88	60	8.7	5.1	—	—	—	2.1	1.6	00 0	14 2	08 2
6	17.6	25.8	18.4	20.0	26.0	16.6	15.5	14.0	13.0	13.7	13.6	93	52	86	77	8.0	6.6	2.1	0.2	—	0.2	1.3	10 2	00 0	10 1
7	14.8	25.6	19.0	19.6	26.2	13.6	13.0	12.1	13.1	14.5	13.2	96	53	88	79	8.3	8.6	—	—	—	—	1.8	00 0	10 2	08 1
8	18.8	23.6	18.4	19.8	24.2	16.0	14.8	14.6	13.7	14.4	14.2	90	63	91	81	9.0	1.2	—	—	—	—	1.2	00 0	00 0	10 2
9	17.8	23.4	18.6	19.6	26.3	16.0	15.0	14.4	13.2	14.2	13.9	94	61	87	81	9.3	4.1	—	—	—	—	1.4	00 0	00 0	10 2
10	17.8	22.0	18.0	18.9	23.2	16.0	15.6	13.8	13.6	12.4	13.3	91	69	80	80	10.0	4.0	—	2.1	—	6.7	1.3	10 1	12 2	08 2
11	16.4	25.4	18.0	19.4	26.0	14.8	14.0	13.2	12.6	14.0	13.3	94	53	91	79	8.3	4.6	4.6	—	0.5	0.5	1.2	02 1	16 1	10 1
12	17.0	24.8	17.4	19.1	25.2	15.6	14.8	14.0	13.5	13.9	13.8	96	57	87	80	8.3	5.5	—	—	—	—	1.4	00 0	10 2	08 1
13	16.6	25.2	18.4	19.6	26.3	15.0	14.0	13.3	11.0	14.6	13.0	94	46	93	78	9.0	6.9	—	—	—	—	1.3	00 0	00 0	10 1
14	17.6	22.8	18.4	19.3	25.0	16.0	15.0	14.0	15.0	13.7	14.2	93	70	96	83	7.7	7.0	—	3.0	—	3.3	1.8	00 0	00 0	00 0
15	17.2	22.0	17.4	18.5	25.2	16.4	15.0	13.7	15.5	14.2	14.5	93	78	96	89	9.0	6.9	0.3	0.1	1.8	2.6	1.8	10 1	00 0	00 0
16	16.8	22.5	17.6	18.6	24.2	15.4	15.0	13.5	14.9	14.0	14.1	94	72	93	86	10.0	4.3	0.7	0.1	3.1	3.4	0.8	00 0	00 0	00 0
17	16.8	26.2	18.0	19.7	27.0	16.0	15.0	13.5	11.5	13.8	12.9	94	45	90	77	7.7	5.9	0.2	—	—	—	1.4	00 0	00 0	00 0
18	17.6	26.2	18.2	20.0	26.3	15.9	15.0	14.0	[illegible]	13.6	13.5	93	50	87	77	7.0	10.4	—	0.1	—	4.0	2.0	00 0	10 2	08 2
19	17.8	20.0	16.8	17.8	23.4	15.4	14.8	13.7	14.1	13.4	13.7	90	80	93	88	8.7	5.0	3.9	6.3	—	6.3	2.0	00 0	10 1	00 0
20	14.2	25.2	18.3	19.7	25.5	13.7	13.0	11.6	12.4	14.5	12.8	96	51	93	80	7.3	8.5	—	—	—	—	1.8	00 0	10 1	08 2
21	16.6	23.0	17.6	18.7	24.3	13.7	13.0	12.6	14.6	13.1	13.4	89	68	87	81	7.3	6.4	—	1.7	—	9.1	1.2	00 0	12 1	00 0
22	15.0	26.6	18.0	19.4	27.0	13.9	13.0	12.3	12.2	14.1	12.9	96	46	92	78	6.7	7.5	7.4	—	—	—	1.0	00 0	00 0	00 0
23	17.4	27.0	18.3	20.2	28.0	15.6	15.0	14.2	10.7	14.8	13.2	96	40	94	77	9.7	[illegible]	—	—	—	—	1.4	10 1	04 1	00 0
24	14.6	28.0	19.0	20.1	28.6	14.0	13.0	12.2	11.3	14.9	12.8	98	40	91	76	7.3	8.7	—	—	—	—	2.0	00 0	04 1	00 0
25	15.0	26.2	19.8	20.2	27.0	13.8	13.0	12.5	10.6	14.7	12.6	98	42	85	75	8.7	7.8	—	—	—	—	1.8	00 0	02 1	08 2
26	16.0	24.4	19.4	19.8	25.6	14.3	13.3	13.1	13.7	14.3	13.7	96	60	85	80	9.0	6.5	—	—	—	—	1.8	00 0	12 1	08 2
27	16.8	24.8	18.2	19.5	25.6	15.0	14.1	13.4	12.7	14.2	13.4	93	54	91	79	6.7	8.9	—	—	—	—	1.6	08 1	12 1	08 1
28	16.0	24.8	19.2	19.8	26.2	15.0	14.0	12.8	13.8	13.3	13.3	94	59	80	78	7.0	7.4	—	0.1	—	0.1	1.6	00 0	12 2	08 1
29	16.6	25.4	19.4	20.2	26.2	15.5	14.0	13.2	13.7	14.7	13.9	93	56	88	79	8.3	8.8	—	—	—	1.0	1.7	10 1	00 0	08 1
30	18.0	23.2	19.2	19.9	26.0	16.6	15.5	14.7	15.0	14.1	14.6	95	70	85	83	9.3	7.1	1.0	1.3	—	1.3	1.3	00 0	00 0	00 0
31	17.8	21.0	18.0	18.7	24.0	15.9	15.0	13.8	14.9	13.6	14.1	91	80	88	86	10.0	2.9	—	—	5.9	9.6	1.0	00 0	12 1	08 2
MED.	16.8	24.5	18.4	19.5	25.7	15.4	14.5	13.5	13.2	14.1	13.6	94	58	89	80	8.4	6.4	0.6	0.5	0.4	1.6	1.4	— —	— —	— —

Total 50.6 m.m.

ESTACION Restrepo MES Agosto AÑO 1963 φ = 3° 49' N λ = 76° 30' W.GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.2	21.4	16.4	17.8	22.0	15.4	14.8	12.2	12.4	12.5	12.4	82	65	89	79	10.0	1.2	3.7	—	0.5	0.5	1.0	00 0	10 2	10 2
2	14.6	23.2	16.2	17.5	24.0	13.0	12.0	11.9	10.8	13.0	11.9	96	50	94	80	8.7	6.2	—	—	—	—	1.3	00 0	06 2	00 0
3	16.2	22.4	18.4	18.8	25.0	14.5	13.6	13.0	15.4	14.6	14.4	94	76	93	88	7.3	6.6	—	1.0	—	1.0	1.0	00 0	00 0	00 0
4	17.6	27.5	19.8	21.2	28.0	15.6	14.5	14.5	11.0	15.4	13.6	96	40	89	75	8.3	7.6	—	—	—	—	1.8	00 0	00 0	10 2
5	18.2	25.8	17.4	19.7	26.7	17.0	16.0	13.6	12.5	13.0	13.0	86	50	88	75	9.0	4.1	—	—	9.5	9.5	1.3	00 0	14 1	10 2
6	14.0	26.6	18.6	19.4	27.0	13.6	13.0	11.5	11.3	14.8	12.5	96	42	93	77	7.7	6.8	—	—	—	—	1.2	00 0	00 0	00 0
7	17.6	21.4	18.6	19.1	25.3	15.6	14.5	14.2	13.3	13.8	13.8	94	70	86	83	9.0	6.9	—	—	0.5	0.5	1.4	00 0	12 2	00 0
8	17.8	24.2	18.6	19.8	25.3	15.3	14.0	14.4	13.0	13.8	13.7	94	57	86	79	10.0	6.8	—	—	—	—	1.8	00 0	10 2	08 2
9	17.8	20.2	17.8	18.4	25.0	16.4	15.0	14.2	14.3	14.2	14.2	93	80	93	89	9.7	4.0	—	8.4	—	8.8	1.2	08 2	08 1	08 2
10	16.7	25.6	19.4	20.3	26.0	15.0	14.0	13.5	12.9	15.0	13.8	94	52	89	78	9.0	3.8	0.4	—	—	—	1.4	10 1	15 2	08 1
11	18.2	25.3	19.6	20.7	26.2	16.0	14.8	14.8	15.8	15.4	15.3	95	66	90	84	8.7	6.0	—	—	—	—	1.6	00 0	00 0	12 2
12	17.6	25.6	18.6	20.1	26.2	16.0	15.0	14.2	13.6	14.7	14.2	94	55	92	80	7.7	5.0	—	—	—	—	1.4	00 0	14 1	10 1
13	19.0	24.0	19.0	20.2	26.0	17.9	15.9	15.5	14.6	14.9	15.0	94	65	91	83	9.0	3.8	—	—	—	—	1.2	10 1	00 0	08 2
14	18.7	26.4	19.0	20.8	27.2	17.0	16.0	15.4	13.1	14.8	14.4	94	51	90	78	8.0	7.2	—	—	—	4.1	1.6	00 0	14 2	10 2
15	17.6	25.2	18.6	20.0	27.0	15.0	14.5	14.5	13.0	14.8	14.1	96	55	93	81	8.3	5.2	4.1	—	—	—	1.3	00 0	00 0	00 0
16	17.8	26.0	18.2	20.0	26.5	14.9	14.0	14.4	10.9	14.8	13.4	94	43	94	77	9.3	5.7	—	—	—	—	1.4	00 0	00 0	00 0
17	18.0	25.2	19.0	20.3	26.3	15.9	14.8	14.6	12.8	13.6	13.7	94	53	83	77	8.7	5.4	—	—	—	—	1.6	00 0	00 0	08 2
18	18.1	24.1	18.6	19.8	25.3	16.6	15.0	14.5	13.2	14.3	14.0	93	58	89	80	9.0	6.5	—	—	—	—	1.4	08 1	10 2	08 1
19	17.0	20.8	17.0	17.9	22.2	15.9	15.0	13.7	11.9	12.9	12.8	94	65	89	83	9.0	3.6	—	—	—	—	1.6	00 0	12 2	10 1
20	15.4	24.8	18.8	19.4	25.8	14.8	14.0	12.6	11.8	14.6	13.0	96	50	90	79	8.7	5.0	—	—	—	—	1.6	00 0	00 0	00 0
21	15.6	24.2	18.4	19.1	26.2	14.9	14.0	12.5	12.3	14.5	13.1	94	54	92	80	8.7	6.5	—	—	—	—	2.0	00 0	00 0	00 0
22	17.0	26.6	19.6	20.7	27.0	15.0	14.0	13.7	13.6	15.5	14.3	94	52	91	78	8.7	8.3	—	—	—	8.7	1.6	00 0	12 0	10 1
23	18.0	23.0	18.4	19.4	25.3	16.8	15.6	14.6	16.9	14.6	15.4	94	80	93	89	9.3	6.5	8.7	3.0	—	3.0	1.4	00 0	00 0	08 1
24	18.4	25.6	19.0	20.5	26.2	17.0	15.5	15.3	13.6	14.8	14.6	96	55	90	79	8.7	5.2	—	—	—	—	1.8	00 0	00 0	08 1
25	18.8	25.0	19.8	20.8	26.2	16.6	15.5	15.5	15.1	15.6	15.4	95	64	90	83	8.0	7.7	—	—	—	—	2.2	00 0	12 1	10 2
26	19.0	27.4	19.8	21.5	28.0	17.6	16.5	14.9	12.7	15.6	14.4	91	46	90	76	8.3	7.1	—	13.9	—	13.9	1.8	00 0	00 0	08 2
27	16.0	25.1	18.8	19.7	26.4	15.3	14.0	13.1	12.4	14.3	13.3	96	51	88	78	7.3	8.6	—	—	—	—	2.0	00 0	16 2	10 1
28	17.0	27.6	19.0	20.6	28.2	15.2	14.5	13.7	12.3	15.2	13.7	94	44	93	77	8.3	10.0	0.9	—	—	—	2.0	00 0	15 2	10 1
29	18.2	26.4	19.8	21.0	27.3	16.0	14.9	14.5	12.8	15.0	14.1	93	49	87	76	7.3	9.6	—	—	—	—	2.0	00 0	00 0	08 2
30	18.8	26.8	19.6	21.2	27.0	17.5	16.8	15.4	14.3	15.4	15.0	94	54	90	79	8.0	7.0	—	—	—	—	1.8	00 0	10 2	08 2
31	18.0	26.2	19.2	20.6	27.2	15.6	14.5	14.7	12.5	15.4	14.2	95	49	93	79	9.0	3.6	—	—	0.1	0.1	1.4	00 0	00 0	08 1
MED.	17.4	24.8	18.7	19.9	26.0	15.8	14.7	14.0	13.1	14.5	13.9	94	56	90	80	8.6	6.2	0.6	0.8	0.3	1.6	1.6	— —	— —	— —

Total 51.0 m.m.

ESTACION Restrepo MES Septiembre AÑO 19 63 φ = 3º 49' N λ = 76º 30' W.GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.2	26.4	19.2	20.7	27.0	16.8	15.9	14.8	12.7	15.3	14.3	94	49	92	78	9.0	7.2	—	—	—	—	2.6	00 0	14 2	08 2
2	18.8	27.0	19.5	21.2	27.6	17.0	15.6	14.7	12.5	15.3	14.2	91	46	90	76	9.0	5.6	--	--	—	—	1.6	00 0	10 1	08 1
3	17.0	27.0	19.4	20.7	27.6	15.5	14.6	13.7	13.0	15.0	13.9	94	48	89	77	8.3	9.5	--	--	--	—	2.0	00 0	12 1	08 1
4	17.6	23.8	18.8	19.7	25.0	15.9	14.6	14.2	13.1	14.6	14.0	94	58	90	81	9.0	2.1	—	--	—	—	1.6	00 0	12 2	10 2
5	18.2	26.0	19.0	20.5	26.2	15.6	14.5	14.0	13.9	14.8	14.2	90	55	90	78	7.3	8.2	--	--	—	—	2.0	00 0	12 1	10 2
6	18.4	24.0	18.4	19.8	25.2	16.4	14.9	14.6	13.6	14.2	14.1	93	61	90	81	9.0	2.1	—	--	—	—	1.2	00 0	12 2	08 1
7	18.2	23.4	18.8	19.8	25.0	16.6	15.5	14.3	13.4	14.7	14.1	92	61	91	81	9.3	1.5	—	—	—	—	1.4	00 0	08 1	10 1
8	18.2	22.0	18.0	19.0	25.0	16.6	15.5	14.8	14.8	14.6	14.7	94	74	94	87	9.3	5.3	—	--	—	—	1.8	00 0	16 1	08 1
9	16.4	26.4	18.8	19.6	25.0	14.9	14.0	13.4	13.4	14.3	13.8	96	58	91	82	9.3	5.7	—	—	—	—	1.5	00 0	14 1	10 1
10	18.0	24.8	18.8	20.1	25.2	17.0	15.0	14.9	13.6	14.3	14.3	96	58	88	81	8.3	1.8	—	—	—	—	1.2	00 0	00 0	10 2
11	19.0	25.0	19.2	20.5	26.0	17.0	15.6	14.8	13.4	15.4	14.5	90	56	93	80	8.3	4.6	—	—	--	5.5	1.5	00 0	00 0	00 1
12	18.4	24.6	18.8	20.1	25.6	17.0	16.0	15.0	13.6	15.0	14.5	94	59	93	82	9.7	5.0	5.5	0.2	0.6	0.0	1.2	00 0	14 2	08 1
13	17.8	24.8	18.2	19.7	26.2	16.6	14.9	14.4	13.5	14.0	14.0	94	57	90	80	8.0	5.2	--	--	--	—	1.6	00 0	10 2	09 1
14	17.6	26.0	17.6	19.7	27.0	16.3	15.3	14.4	14.1	14.0	14.2	95	56	93	81	9.7	6.1	—	—	0.6	0.6	1.8	00 0	12 2	12 1
15	15.6	24.4	17.4	18.7	26.1	15.0	14.0	12.5	12.0	13.9	12.8	94	52	93	80	9.0	4.2	—	--	—	—	1.3	00 0	12 2	00 0
16	15.2	26.8	18.6	19.8	27.0	14.6	13.8	12.7	13.2	14.4	13.4	98	48	90	79	8.0	6.4	—	--	—	—	1.8	00 0	12 2	10 1
17	18.6	23.4	18.4	19.7	24.2	17.0	15.6	14.8	12.9	13.2	13.6	93	60	84	79	9.0	4.2	—	—	—	—	1.4	00 0	12 2	10 2
18	17.2	21.4	18.6	18.9	24.2	15.4	14.6	13.7	16.3	13.8	14.6	93	86	86	88	9.7	2.5	--	2.9	—	2.9	1.4	00 0	00 0	10 1
19	17.4	23.8	18.0	19.3	24.0	16.6	15.0	14.0	13.1	13.6	13.6	94	59	88	80	8.7	2.1	--	—	—	11.5	1.6	00 0	12 2	10 2
20	17.2	24.5	18.4	19.6	25.0	15.5	14.6	14.0	13.0	15.0	14.0	95	56	94	82	9.0	4.8	11.5	—	7.3	7.3	1.2	00 0	14 1	10 1
21	17.2	23.4	18.6	19.4	26.0	15.6	14.7	14.1	15.4	14.0	14.5	96	73	87	85	8.0	6.4	--	0.2	—	0.2	1.2	00 0	12 1	10 2
22	17.6	24.0	17.6	19.2	24.2	16.0	15.0	14.0	16.6	13.8	14.8	93	74	92	86	8.7	2.5	--	3.7	—	3.7	1.2	00 0	10 2	08 2
23	15.6	25.1	19.0	19.7	26.0	14.4	13.7	12.8	11.0	13.3	12.4	96	46	81	74	8.7	7.0	—	—	—	—	2.0	00 0	14 2	08 2
24	16.6	24.8	19.2	19.9	26.0	14.4	13.6	13.6	13.2	14.7	13.8	96	56	88	80	9.7	6.1	—	—	—	3.2	1.6	00 0	10 2	10 2
25	18.4	24.6	19.4	20.4	25.2	16.6	15.1	14.6	13.9	16.1	14.9	93	60	95	83	9.3	0.6	3.2	2.3	—	2.3	1.2	00 0	10 2	00 2
26	17.0	20.6	18.0	18.4	23.0	15.0	14.0	13.7	15.8	14.1	14.5	94	87	92	91	8.0	5.0	—	5.0	—	5.0	1.3	00 0	38 2	08 1
27	17.6	25.4	19.2	20.3	26.2	16.0	15.0	14.2	15.2	15.0	14.8	94	63	90	82	8.7	8.7	—	0.1	—	0.1	1.4	00 0	16 1	08 1
28	17.6	26.4	19.8	20.9	27.0	16.0	15.5	14.8	15.7	15.0	15.2	98	60	88	82	8.0	6.9	—	—	—	8.8	2.0	00 0	10 2	08 1
29	16.8	24.2	18.2	19.3	24.6	15.0	14.0	14.4	10.5	13.1	12.7	100	47	84	77	8.0	3.4	8.8	4.3	—	4.5	1.4	00 0	10 2	08 1
30	17.0	25.6	19.0	20.1	26.1	15.5	14.7	13.7	15.9	14.5	14.7	94	65	88	82	8.7	9.2	0.2	—	—	0.3	2.0	00 0	14 1	00 0
31																									
MED.	17.5	24.6	18.7	19.8	25.6	15.9	14.8	14.1	13.7	14.4	14.1	94	60	90	81	8.7	5.2	1.0	0.6	0.3	1.9	1.5	--	--	--

Total 56.7 m.m.

ESTACION Restrepo MES Octubre AÑO 1963 φ = 3° 49' N λ = 76° 30' W.GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.6	25.2	17.4	19.1	25.6	15.6	14.3	13.2	13.0	14.0	13.4	93	54	94	80	9.0	4.6	0.3	—	—	7.3	1.6	00 0	02 2	00 0
2	15.2	23.4	17.6	18.4	25.2	14.7	14.0	12.2	14.4	13.5	13.4	94	66	90	83	8.7	6.7	7.3	—	—	—	1.6	00 0	14 2	12 2
3	16.0	26.4	18.8	20.0	27.0	14.4	14.0	13.1	15.7	14.7	14.5	96	60	91	82	9.0	7.9	—	—	—	9.4	1.6	00 0	14 1	00 0
4	15.4	26.2	19.2	20.0	26.5	14.6	13.0	12.3	14.8	15.4	14.2	94	58	93	82	8.7	8.8	9.4	—	—	—	1.6	00 0	14 1	10 2
5	19.2	26.0	18.6	20.6	27.0	16.0	15.0	15.1	16.1	12.9	14.7	91	64	80	78	8.7	6.6	—	—	—	—	1.2	00 0	12 1	08 1
6	17.4	25.2	19.8	20.8	26.6	15.3	14.0	12.8	14.8	14.7	14.1	86	58	85	76	7.3	8.9	—	—	—	—	2.4	00 0	14 2	10 1
7	18.4	24.8	18.8	20.2	25.1	16.5	16.0	14.2	14.0	14.9	14.4	90	60	92	81	8.7	7.9	—	—	—	0.6	1.8	00 0	10 1	08 1
8	17.8	26.0	18.2	20.2	26.6	16.0	15.1	14.6	14.8	14.5	14.6	95	59	93	82	8.7	5.8	0.6	—	—	—	0.8	00 0	12 2	00 0
9	17.8	25.0	17.4	19.4	25.6	15.5	14.8	14.4	15.6	14.0	14.7	94	66	94	85	8.7	3.2	—	16.2	—	16.2	2.0	00 0	10 2	00 0
10	17.4	25.8	19.8	20.7	26.1	15.4	14.5	14.2	15.4	16.0	15.2	96	62	98	85	8.3	4.5	—	—	—	—	1.2	00 0	00 0	10 2
11	19.1	25.6	19.0	20.7	27.0	17.7	16.0	15.3	12.3	14.1	13.9	92	50	86	76	8.3	7.9	—	—	—	—	1.2	00 0	00 0	00 0
12	17.4	24.4	19.0	19.9	25.2	15.9	15.0	13.7	12.9	14.6	13.7	92	56	89	79	8.7	7.2	—	—	—	6.6	1.8	00 0	10 1	08 1
13	17.2	23.4	16.6	18.4	24.3	16.0	15.0	13.9	15.2	13.5	14.2	94	70	95	86	9.3	1.6	6.6	0.9	—	0.9	0.8	00 0	12 1	00 0
14	16.6	25.4	18.4	19.7	26.0	14.9	14.0	13.3	14.6	14.2	14.0	94	61	90	82	8.7	7.1	—	—	—	9.9	1.6	00 0	12 1	12 2
15	17.4	24.0	18.2	19.4	24.6	16.0	15.3	14.2	15.7	13.1	14.3	96	71	84	84	8.3	2.2	9.9	0.3	—	0.3	1.0	00 0	10 2	08 2
16	17.0	20.8	18.8	18.8	25.2	15.8	14.7	14.0	16.4	16.1	15.5	96	90	99	95	9.3	4.7	—	9.3	—	9.3	0.6	00 0	08 2	00 0
17	17.4	23.2	19.2	19.7	24.2	17.0	15.7	15.0	15.6	14.7	15.1	100	73	87	87	9.7	4.9	—	—	0.5	0.5	1.2	10 1	16 1	08 1
18	17.2	22.8	19.0	19.5	26.2	15.0	14.3	14.0	15.4	15.1	14.8	96	74	92	87	8.7	5.9	—	1.4	14.4	19.9	0.8	00 0	00 0	00 0
19	19.2	25.6	19.0	20.7	27.3	16.6	15.1	16.1	15.5	15.1	15.6	96	63	92	84	8.3	8.9	4.1	—	—	—	1.6	00 0	14 1	10 1
20	18.6	25.7	18.6	20.4	26.0	17.0	16.3	14.7	14.5	14.6	14.6	91	59	90	80	7.7	7.0	—	—	—	1.4	1.8	00 0	12 1	10 1
21	16.2	25.4	18.2	19.5	26.2	15.4	14.2	13.9	15.6	15.4	15.0	100	64	98	87	8.0	6.7	1.4	0.6	—	0.6	1.2	00 0	14 2	10 2
22	17.3	26.0	19.8	20.7	26.2	16.4	15.0	14.8	12.7	15.4	14.2	99	50	89	79	8.7	5.3	—	—	—	—	2.0	10 1	10 2	08 1
23	16.8	25.0	18.6	19.7	26.0	16.5	15.0	14.1	15.4	14.5	14.7	96	65	91	88	6.0	7.1	—	—	—	0.9	1.0	00 0	14 2	12 2
24	17.4	24.0	18.6	19.6	25.0	15.5	14.2	13.6	14.3	14.3	14.1	91	64	91	82	8.7	8.1	0.9	—	—	—	1.4	00 0	16 1	00 0
25	17.0	24.9	18.6	19.8	25.2	15.2	14.0	13.4	14.0	15.2	14.2	92	61	94	82	7.7	7.9	—	—	—	0.9	2.0	00 0	16 2	10 1
26	16.0	25.8	18.0	19.4	26.3	15.0	14.3	13.7	13.3	14.6	13.9	100	53	94	82	8.3	7.2	0.9	—	—	—	2.0	00 0	10 1	10 2
27	18.8	24.6	18.6	20.1	25.2	16.5	14.5	16.0	14.8	14.4	15.1	98	64	90	84	8.7	5.5	—	—	—	14.7	1.7	00 0	10 2	10 2
28	15.5	24.3	17.8	18.8	25.2	14.0	13.3	13.2	13.5	14.7	13.8	100	60	96	85	9.3	4.7	14.7	—	—	—	1.6	00 0	10 2	08 1
29	16.8	21.5	17.6	18.4	26.0	14.7	13.9	13.9	16.0	14.4	14.8	97	93	95	92	9.7	4.9	—	7.9	0.4	8.7	1.0	08 1	00 0	08 3
30	16.9	23.2	18.6	19.3	24.0	15.2	14.0	14.4	15.0	15.9	15.1	100	70	99	90	9.7	3.2	0.4	—	2.3	2.3	1.3	00 0	10 2	00 0
31	16.8	21.6	18.4	18.8	22.2	15.0	14.0	14.1	14.8	16.0	15.0	98	76	100	91	10.0	0.4	—	3.5	—	8.5	0.7	00 0	00 0	00 0
MED.	17.2	24.6	18.5	19.7	25.6	15.6	14.6	14.0	14.7	14.7	14.5	95	64	92	84	8.6	5.9	1.8	1.4	0.6	3.8	1.5	— —	— —	— —

Total 118.9 m.m.

ESTACION Restrepo MES Noviembre AÑO 1963 φ = 3° 49' N λ = 76° 30' W.GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.0	19.0	18.2	17.8	24.8	14.5	17.8	13.7	14.5	15.4	14.5	100	88	98	95	10.0	2.5	—	4.9	10.6	15.5	1.0	00 0	04 1	08 1
2	17.6	24.4	18.0	19.5	25.2	15.0	13.9	15.2	14.5	14.6	14.8	100	63	94	86	9.7	4.9	—	0.8	0.1	9.3	1.4	00 0	12 1	10 1
3	16.0	22.8	18.4	18.9	24.2	15.0	14.0	13.7	15.3	13.9	14.3	100	73	88	87	9.7	3.5	8.4	—	—	0.1	1.4	00 0	10 1	08 2
4	16.6	22.6	17.0	18.3	23.2	14.9	13.6	14.3	16.1	14.4	14.9	100	78	98	92	9.3	3.0	0.1	—	4.8	10.2	1.0	00 0	10 2	10 1
5	16.6	22.6	17.4	18.5	23.7	15.0	14.2	14.3	15.8	14.2	14.8	100	77	96	91	9.7	2.5	5.4	2.3	3.7	19.8	0.6	00 0	00 0	10 1
6	17.2	23.6	17.6	19.0	24.1	16.0	14.8	14.8	14.9	15.2	15.0	100	68	100	89	10.0	0.5	13.8	6.0	0.5	10.4	0.6	00 0	10 1	10 1
7	17.3	19.2	18.8	18.5	25.2	16.2	15.3	14.4	14.8	16.0	15.1	98	89	98	95	10.0	2.6	3.9	4.8	5.0	9.8	0.6	00 0	00 0	10 1
8	18.0	24.2	19.0	20.0	25.0	16.1	14.6	15.2	14.0	15.7	15.0	98	63	95	85	9.7	3.9	--	—	—	5.0	0.8	00 0	08 2	10 1
9	18.8	22.9	18.6	19.7	24.3	16.8	16.0	16.0	14.7	14.8	15.2	98	78	93	87	7.7	4.3	5.0	—	—	0.1	1.2	00 0	10 2	08 1
10	18.2	23.6	16.5	19.7	24.8	16.5	15.5	15.2	16.0	15.2	15.5	97	73	95	88	9.0	5.7	0.1	0.4	0.2	3.0	1.4	00 0	00 0	08 1
11	18.3	19.0	17.3	18.0	19.9	16.5	16.0	15.8	14.5	14.1	14.8	100	88	96	95	9.3	0.1	2.4	3.5	0.1	3.6	0.6	00 0	10 1	00 0
12	17.2	22.3	19.3	19.5	25.0	15.3	14.2	13.7	15.5	15.4	14.9	93	77	93	88	9.3	4.7	—	1.0	—	1.7	0.8	00 0	10 1	00 0
13	17.0	23.9	18.6	19.5	24.4	16.0	15.2	14.1	13.3	13.4	13.6	97	60	84	80	9.3	2.0	0.7	—	—	0.5	1.6	00 0	14 2	10 1
14	16.6	23.3	17.0	18.5	23.9	15.6	14.2	14.3	13.3	12.3	13.3	100	62	85	82	9.3	0.5	0.5	1.3	—	1.3	1.2	00 0	10 1	00 0
15	16.0	22.0	17.0	18.0	23.0	14.2	13.0	12.7	11.9	14.2	12.9	93	59	98	83	9.3	0.9	—	--	—	—	1.0	00 0	02 1	00 0
16	13.9	26.5	19.5	19.8	27.0	12.8	11.5	11.5	12.8	15.3	13.2	97	48	90	78	8.7	8.2	—	--	—	—	0.2	00 0	12 2	00 0
17	18.2	26.4	19.2	20.7	27.3	17.0	16.0	15.1	15.7	15.1	15.3	96	60	91	82	9.0	9.2	--	—	—	—	1.9	10 1	12 2	10 2
18	18.8	26.0	19.3	20.8	26.2	17.0	15.6	14.2	14.9	15.3	14.8	87	60	92	80	9.3	6.8	—	—	—	—	1.5	10 1	12 2	08 2
19	18.2	25.0	19.0	20.3	26.2	17.0	16.0	14.3	16.0	15.2	15.2	92	67	93	84	9.0	6.1	—	—	—	—	1.6	00 0	12 1	08 2
20	17.8	25.0	18.0	19.7	26.2	17.0	15.9	14.4	14.2	14.0	14.2	94	60	91	82	10.0	5.0	—	—	—	—	1.4	00 0	12 2	10 3
21	17.2	25.4	19.4	20.3	26.0	15.6	14.7	13.9	14.6	15.5	14.7	94	60	92	82	9.0	5.0	—	—	—	29.2	1.4	00 0	10 2	08 2
22	17.3	25.2	19.0	20.1	26.2	16.0	15.5	14.4	14.0	15.2	14.5	98	58	93	83	9.3	3.3	20.2	0.4	—	14.6	1.0	00 0	14 1	10 1
23	17.4	24.0	17.8	19.2	24.8	16.3	15.2	15.0	13.0	15.1	14.4	100	58	99	86	9.3	—	14.2	6.4	—	6.4	0.4	00 0	00 0	00 0
24	16.8	23.0	16.8	18.3	24.5	16.3	15.5	14.4	15.2	14.1	14.6	100	72	98	90	9.0	4.3	—	--	12.2	12.2	1.0	00 0	08 2	04 1
25	16.4	26.0	19.4	20.3	26.5	15.0	14.0	13.4	12.5	16.1	14.0	96	50	95	80	9.0	4.8	--	—	0.5	1.6	1.4	00 0	00 0	10 1
26	17.8	25.0	18.8	20.1	25.3	16.0	15.0	13.8	16.0	13.7	14.5	91	67	85	81	9.3	5.7	1.1	—	0.1	0.2	1.4	00 0	12 1	10 1
27	17.0	25.2	19.3	20.1	26.3	15.0	14.2	12.7	16.0	15.4	14.7	88	67	93	83	9.3	6.2	0.1	--	—	2.2	1.4	00 0	10 2	08 2
28	18.0	23.0	20.0	20.2	27.6	15.0	14.0	14.9	15.8	17.1	15.9	96	75	97	89	9.0	5.6	2.2	5.2	0.6	5.8	1.4	00 0	00 0	10 1
29	17.4	21.2	19.2	19.2	26.6	16.5	15.0	14.2	15.6	16.1	15.3	96	83	96	92	10.0	3.7	—	3.1	—	3.5	1.0	00 0	12 1	00 0
30	17.0	25.0	18.2	19.6	26.4	14.5	13.5	14.6	16.7	14.5	15.3	100	70	93	88	9.7	6.7	0.4	—	—	—	1.4	00 0	12 2	08 2
31																									
MED.	17.2	23.6	18.4	19.4	25.1	15.7	14.6	14.3	14.7	14.9	14.6	97	68	94	86	9.3	4.0	2.9	1.3	1.3	5.5	1.1	--	--	--

Total 166.0 m.m.

ESTACION Restrepo MES Diciembre AÑO 1963 φ = 30 49' N λ = 76° 32' W.GR - ALTURA 1.670 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.0	26.0	19.9	20.2	27.3	14.0	13.2	12.3	16.2	15.6	14.7	96	65	90	84	8.3	8.7	—	—	—	8.0	1.6	00 0	12 1	10 2
2	18.3	25.2	19.0	20.4	26.5	17.0	15.8	15.8	14.4	15.7	15.3	100	60	95	85	8.7	7.6	8.0	—	—	—	1.6	00 0	10 2	08 2
3	19.0	24.8	18.2	20.0	25.2	17.0	15.8	14.5	15.4	14.0	14.6	88	66	90	81	8.7	4.6	—	—	0.7	2.7	1.3	00 0	10 2	08 2
4	18.4	25.9	18.0	20.1	26.2	16.8	16.0	14.6	13.3	14.5	14.1	93	53	93	90	8.0	8.1	2.0	—	—	—	2.2	08 1	10 2	00 0
5	17.6	27.0	20.0	21.1	28.0	15.0	13.9	14.4	15.5	16.2	15.4	95	58	93	82	9.0	7.5	—	—	—	—	1.4	00 0	16 1	08 1
6	19.0	27.2	20.6	21.9	27.5	17.5	16.0	15.2	13.8	16.2	15.1	93	51	90	78	7.7	8.4	—	—	—	0.2	1.8	00 0	12 2	08 2
7	19.4	26.2	21.0	21.9	27.2	18.0	17.0	15.6	17.0	15.6	16.1	93	66	82	80	7.7	4.1	0.2	—	—	—	1.4	00 0	12 2	08 2
8	18.6	26.6	20.2	21.4	27.0	17.5	16.0	13.8	14.7	15.4	14.6	86	56	87	76	8.0	4.5	—	—	—	—	1.0	00 0	12 2	08 2
9	19.0	25.8	19.4	20.9	26.5	17.0	16.5	14.8	15.7	16.3	15.6	87	63	96	82	8.3	2.6	—	—	2.4	2.4	0.7	00 0	14 1	08 1
10	17.3	26.5	20.0	20.9	27.0	15.5	14.0	13.5	14.0	16.1	14.5	91	54	92	79	7.0	7.8	—	—	—	—	1.4	00 0	12 2	08 2
11	17.8	22.6	18.2	19.2	24.4	16.0	14.7	14.2	16.4	14.3	15.0	94	80	92	89	9.0	1.3	—	—	—	—	0.7	08 1	08 1	08 1
12	17.8	25.2	18.2	19.8	25.4	16.0	15.0	14.6	13.7	14.0	14.1	95	57	90	81	8.3	5.4	—	—	—	—	1.2	00 0	12 1	08 2
13	17.4	21.6	18.2	18.8	24.2	16.0	15.0	14.2	15.4	14.5	14.7	96	80	93	90	10.0	0.7	—	7.4	—	7.4	1.0	00 0	10 2	08 2
14	17.6	25.6	18.2	19.9	26.5	15.0	14.0	14.2	15.5	14.5	14.7	94	63	93	83	8.0	6.0	—	—	0.1	0.1	1.2	00 0	10 2	08 2
15	16.4	25.2	18.2	19.5	25.5	15.0	14.2	13.4	15.2	14.2	14.3	96	63	91	83	7.3	9.0	—	—	—	—	1.8	00 0	10 2	08 2
16	17.8	25.0	18.2	19.8	25.3	16.2	15.0	13.8	14.2	14.0	14.0	91	60	90	80	8.3	7.3	—	—	—	16.0	1.8	00 0	12 2	08 2
17	15.0	20.6	15.8	16.8	21.5	14.3	13.6	12.8	11.8	12.9	12.5	100	65	96	87	8.3	—	16.0	0.5	—	0.5	1.0	08 1	10 1	16 1
18	12.6	24.8	17.5	18.1	25.5	11.0	10.0	10.9	12.3	14.3	12.5	100	52	95	82	8.0	8.6	—	—	—	—	1.0	00 0	10 1	10 1
19	14.4	25.2	18.5	19.1	25.5	13.5	12.0	12.4	13.3	14.3	13.3	100	55	90	82	8.7	7.0	—	—	—	—	1.6	00 0	10 2	08 1
20	16.8	25.2	19.8	20.4	26.0	15.0	14.3	14.4	14.4	15.1	14.6	100	60	88	83	7.7	7.4	—	—	—	—	1.6	00 0	10 2	08 1
21	17.4	25.2	18.4	19.8	26.0	16.0	15.0	15.0	15.7	15.3	15.3	100	65	96	87	7.7	8.9	—	—	—	—	2.0	00 0	10 2	08 1
22	15.2	24.6	19.0	19.4	26.0	14.0	13.0	13.0	15.5	14.8	14.4	100	67	90	86	9.0	7.3	—	0.2	—	0.2	1.6	00 0	14 1	08 1
23	18.4	24.0	18.6	19.9	25.4	16.0	15.0	15.0	13.5	14.4	14.3	94	60	92	82	7.3	6.8	—	—	—	—	1.8	00 0	12 1	08 1
24	17.3	23.2	18.2	19.2	25.2	15.4	14.0	14.8	15.0	14.9	14.9	100	70	95	88	10.0	3.6	—	—	—	—	1.6	00 0	10 2	10 2
25	16.0	22.8	19.0	19.2	23.0	15.6	14.5	13.7	16.2	14.5	14.8	100	78	88	89	9.3	1.9	—	1.3	—	1.3	1.0	00 0	00 0	10 1
26	15.9	23.2	18.6	19.1	24.5	14.5	13.6	13.2	14.6	14.5	14.1	98	68	91	86	9.0	8.4	—	—	—	—	2.0	00 0	00 0	08 2
27	16.6	25.4	19.4	20.2	25.6	15.5	14.2	13.5	14.6	14.7	14.3	95	60	88	81	8.7	6.4	—	—	—	—	1.8	00 0	12 2	10 2
28	16.9	25.6	19.0	20.1	26.0	16.5	15.0	13.8	15.5	14.8	14.7	96	63	90	83	7.7	8.5	—	—	—	—	2.4	00 0	12 2	00 0
29	16.0	22.2	18.6	18.8	23.0	15.0	14.0	13.7	14.1	14.7	14.2	100	70	92	87	9.3	1.1	—	—	—	0.6	1.2	00 0	12 2	08 2
30	15.6	24.0	18.6	19.2	24.5	14.8	13.8	13.3	13.5	13.8	13.5	100	60	86	82	9.3	4.5	0.6	0.1	—	0.1	1.8	08 1	10 2	08 2
31	17.4	25.4	18.4	19.9	25.8	15.3	14.2	14.6	13.3	14.5	14.1	98	56	92	82	8.0	8.3	—	—	—	0.5	1.0	00 0	10 1	08 2
MED.	17.0	24.8	18.8	19.8	25.6	15.5	14.5	14.0	14.6	14.8	14.5	96	63	91	83	8.4	5.9	0.9	0.3	0.1	1.3	1.4	— —	— —	— —

Total 40.0 m.m.

ESTACION: RESTREPO — RESUMEN MENSUAL Y ANUAL — AÑO: 1963

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS						Min.	Humedad					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
							Max.	Min.	Max.		Min.	Med.	Relativa				Min.	Max.	Min	Med.							Días		
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Med.	Med.	Abs.	D.	Abs.	D.	Sue.	7	14	20	Med.	Abs.	Abs.		Med.	Solar		7	14	20	Suma	lluv.	Max.	D.
Enero						16.3	24.8	18.5	19.5	25.8	15.3	27.0	V	12.1	26	14.1	95	55	90	80	48	15.3	10.9	13.6	8.9	5.7	1.8	8.3	5.9	—	14.2	7	4.3	11
Febro						16.0	23.8	18.0	18.9	25.0	15.1	27.4	16	13.3	28	14.0	95	61	91	82	42	15.1	10.7	13.4	9.2	5.0	1.5	27.6	1.2	35.0	63.8	17	14.4	19
Marzo						17.0	24.3	18.7	19.7	25.6	15.7	27.3	18	13.0	6	14.6	96	63	91	83	52	16.8	11.4	14.3	9.2	5.4	1.5	27.8	61.9	33.1	122.8	18	38.3	16
Abril						17.3	23.9	18.5	19.5	24.8	15.7	27.1	25	13.9	5	14.7	94	62	90	82	46	16.7	10.6	14.0	8.5	4.4	1.4	34.4	41.5	10.3	86.2	18	19.4	21
Mayo						17.8	24.7	18.8	20.0	25.6	15.9	28.0	V	13.5	3	14.9	94	59	92	82	43	16.8	11.5	14.4	8.2	5.0	1.2	54.4	20.6	5.2	80.2	18	10.4	9
Junio						17.5	24.6	18.5	19.8	25.9	15.7	28.2	19	13.6	21	14.8	95	59	91	82	40	16.6	10,7	14.2	8.2	5.8	1.4	40.5	22.2	22.0	84.7	12	23.1	29
Julio						16.8	24.5	18.4	19.5	25.7	15.4	28.6	24	13.6	7	14.5	94	58	89	80	40	15.5	10.6	13.6	8.4	6.4	1.5	20.2	15.0	11.7	50.6	15	9.6	31
Agsto						17.4	24.8	18.7	19.9	26.0	15.8	28.2	28	13.0	2	14.7	94	56	90	80	40	16.9	10.8	13.9	8.6	6.2	1.6	17.8	26.3	10.6	51.0	11	13.9	26
Spbre						17.5	24.6	18.7	19.8	25.6	15.9	27.6	V	14.4	V	14.8	94	60	90	81	46	16.6	10.5	14.1	8.7	5.2	1.6	29.2	18.7	8.5	56.7	15	11.5	19
Ocbre						17.2	24.6	18.5	19.7	25.6	15.6	27.3	19	14.0	26	14.6	95	64	92	84	50	16.4	12.2	14.5	8.6	5.9	1.5	56.5	45.1	17.6	118.9	19	19.9	18
Nvbre						17.2	23.6	18.4	19.4	25.1	15.7	27.6	28	12.8	16	14.6	97	68	94	86	48	17.1	11.5	14.6	9.3	4.0	1.1	87.5	40.1	38.4	166.0	23	29.2	21
Dcbre						17.0	24.8	18.8	19.8	25.6	15.5	28.0	5	11.0	18	14.5	96	63	91	83	51	17.0	10.9	14.5	8.4	5.9	1.5	26.6	9.5	3.2	40.0	13	16.0	16
MED. ANUAL						17.1	24.4	18.5	19.6	25.5	15.6	27.7	—	13.2	—	14.5	95	61	91	82	46	16.4	11.0	14.1	8.8	5.4	1.4	35.9	25.7	16.3	77.9	186	17.5	—

Precipitación total : 935.1

Precipitación máxima : 38.3 - 16 - III

Días lluviosos : 186

ESTACION: RESTREPO FRECUENCIA DE PRECIPITACION Y TEMPERATURAS AÑO: 1.963

MESES	PRECIPITACION																							TEMPERATURAS			
	7 horas					14 horas					20 horas					Total							Min. abajo	Min. arriba	Max. abajo	Max. arriba
	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0	de 15 ºC	de 17ºC	de 23ºC	de 27ºC
Enero	4	3	—	—	—	3	2	—	—	—	—	—	—	—	—	7	5	3	—	—	—	—	11	1	—	3
Febro	10	6	1	—	—	6	—	—	—	—	12	6	1	—	—	17	12	8	4	2	—	—	13	—	6	3
Marzo	9	5	1	—	—	9	7	3	—	—	7	3	1	1	—	18	14	12	5	4	1	—	9	4	—	4
Abril	8	7	—	—	—	8	6	1	—	—	5	2	—	—	—	18	14	13	6	1	—	—	11	5	3	2
Mayo	13	10	—	—	—	11	7	—	—	—	3	2	—	—	—	18	14	12	8	1	—	—	6	5	3	4
Junio	10	5	2	1	—	3	2	1	—	—	4	3	1	—	—	12	8	5	4	4	2	—	10	4	3	8
Julio	8	5	—	—	—	10	5	—	—	—	5	3	—	—	—	15	11	8	4	—	—	—	12	1	—	6
Agsto	5	3	—	—	—	4	4	1	—	—	4	1	—	—	—	11	7	6	4	1	—	—	9	6	2	10
Spbre	5	4	1	—	—	8	5	—	—	—	3	1	—	—	—	15	10	9	5	1	—	—	7	5	1	6
Ocbre	12	7	1	—	—	8	5	1	—	—	4	2	1	—	—	19	12	10	10	3	—	—	9	3	1	4
Nvbre	16	10	3	1	—	13	10	—	—	—	12	5	2	—	—	23	19	15	12	7	1	—	11	4	2	3
Dcbre	5	3	1	—	—	5	2	—	—	—	3	1	—	—	—	13	6	4	3	1	—	—	12	6	3	6
SUMA ANUAL	105	68	10	2	—	88	55	7	—	—	62	29	6	1	—	186	132	105	65	25	4	—	120	44	24	59

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	—	—	—	2	2	1	1	1	1	—	1	—	2	—	—	—	—	—	—	—	—	—	—	1	6
Febro	—	2	3	4	4	3	3	—	1	1	—	—	2	3	5	3	1	2	3	4	3	2	1	1	17
Marzo	4	2	1	—	1	1	—	1	4	2	—	2	3	4	4	2	1	1	1	2	3	4	3	3	18
Abril	3	3	1	2	4	3	3	6	3	3	1	1	1	2	2	4	—	1	1	—	—	2	1	1	17
Mayo	2	3	3	4	4	4	5	5	2	4	1	3	2	3	1	—	—	—	1	2	2	2	—	1	18
Junio	3	4	3	2	3	2	1	2	2	—	—	—	1	2	3	2	—	1	1	1	3	1	1	4	12
Julio	—	—	1	2	2	2	3	3	1	—	—	1	3	4	3	2	—	—	2	2	3	2	2	2	14
Agsto	1	—	2	2	2	1	1	—	1	—	1	1	—	3	3	—	1	—	—	—	—	—	—	—	11
Spbre	—	—	—	2	3	2	2	1	1	1	—	2	2	4	1	1	—	1	—	1	1	1	2	2	12
Ocbre	2	4	4	4	7	5	6	4	—	1	1	—	2	2	2	1	1	1	2	1	1	1	1	1	19
Nvbre	4	3	5	6	7	7	6	7	4	3	3	2	4	7	6	3	4	4	6	6	7	7	8	3	23
Dcbre	—	2	2	1	2	2	2	2	—	—	—	1	2	2	2	1	—	1	—	—	1	1	—	—	12
SUMA ANUAL	19	23	25	31	41	33	33	32	20	15	8	13	24	36	32	19	8	12	17	19	24	23	19	19	179

ESTACION **RESTREPO** FRECUENCIA DE NUBOSIDAD - BRILLO SOLAR Y VIENTOS AÑO 1.963

MESES	NUBOSIDAD en décimos		BRILLO SOLAR		NUMERO DE DIAS CON: VIENTOS																											
					7 horas									14 horas								20 horas										
	Bajo 3.0	Más 8.0	Bajo 0.9	Mas 9.0	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C
Enero	—	28	2	1	—	—	—	—	1	—	—	—	30	2	—	1	—	—	10	12	2	4	—	—	—	—	11	11	1	—	8
Febro	—	26	—	1	—	—	—	—	—	2	—	—	26	1	3	1	—	1	12	2	2	6	—	—	—	—	14	7	—	—	7
Marzo	—	30	—	3	—	—	1	—	1	—	—	—	29	—	—	1	—	4	9	6	1	13	—	—	—	—	5	7	1	—	18
Abril	—	22	5	—	—	1	—	—	3	1	—	—	25	2	—	1	—	2	7	1	1	16	—	—	1	—	8	3	—	—	18
Mayo	—	21	4	3	—	—	—	—	1	1	—	—	29	3	—	—	—	—	5	12	—	11	—	—	—	—	6	6	—	—	19
Junio	—	22	3	—	—	—	—	—	1	—	—	—	29	1	—	—	—	1	13	7	1	7	—	—	—	—	4	15	-	—	11
Julio	—	22	—	2	—	1	—	—	2	5	—	—	23	1	1	2	—	—	6	6	2	13	—	—	—	—	12	9	—	—	10
Agsto	—	26	—	2	—	—	—	—	2	2	—	—	27	2	—	1	—	1	5	4	3	15	—	—	—	—	12	11	—	—	8
Spbre	—	29	—	2	—	—	—	—	—	—	—	—	30	2	—	—	—	2	7	10	6	3	—	—	—	—	15	12	1	—	2
Ocbre	—	27	1	—	—	—	—	—	1	2	—	—	28	2	1	—	—	1	9	6	7	5	—	—	—	—	8	9	3	—	11
Nvbre	—	29	5	1	—	—	—	—	—	2	—	—	28	—	1	1	—	2	10	8	2	6	—	—	1	—	9	13	—	—	7
Dcbre	—	23	2	1	—	—	—	—	4	—	—	—	27	1	—	—	—	1	15	11	2	1	1	—	—	—	24	5	—	—	1
SUMA ANUAL	—	305	22	16	—	2	1	—	16	15	—	—	331	17	6	8	—	12	108	85	29	100	1	—	2	—	128	108	6	—	120

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	2	2	6	4	9	7	13	14	14	8	—	27	21	9	2	3	3	5	3	3	4	9	21
Febro	—	—	3	9	11	8	8	10	7	6	5	—	28	17	8	3	2	1	3	6	9	10	14	22
Marzo	—	2	8	6	13	10	9	10	12	8	7	—	29	15	6	4	4	4	5	8	5	10	15	24
Abril	—	1	4	10	11	11	7	4	4	5	4	—	26	21	11	9	8	6	8	10	9	9	10	19
Mayo	—	4	7	12	11	8	8	10	9	9	4	—	28	15	11	11	7	8	8	4	5	7	13	22
Junio	—	—	6	15	13	12	12	8	9	10	7	—	30	20	8	2	3	3	3	5	6	4	9	22
Julio	—	2	11	15	15	10	8	8	7	13	8	—	24	13	2	1	2	3	4	4	4	2	4	21
Agsto	—	3	6	15	13	7	3	8	10	9	5	—	25	15	8	2	2	2	3	3	3	3	3	21
Spbre	—	—	9	11	11	6	5	7	8	6	2	—	26	11	8	2	3	2	4	5	5	7	16	25
Ocbre	—	1	7	11	15	14	13	14	13	12	6	—	29	19	10	5	5	4	4	3	3	5	14	23
Nvbre	—	—	1	4	8	10	6	7	8	6	2	—	30	25	13	7	7	4	7	8	11	11	15	26
Dcbre	—	—	3	6	10	13	13	17	18	19	8	—	31	21	9	6	3	3	3	4	5	7	9	27
SUMA ANUAL	—	15	67	120	135	118	99	116	119	107	66	—	333	213	103	54	49	43	57	63	67	79	137	273

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: RESTREPO DE LA PRECIPITACION AÑO: 1963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h:min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	14.2	7	3	4	7	3.4	10.8	1:20'	6:15'	7:35'	6.7	3:40'	0.03	0.5	0.1	3:40'	6.7	0.03	0.5	0.1
Febro	63.8	17	20	13	33	38.1	25.7	14:25'	16:35'	31:00'	14.4	3:00'	0.08	2.4	0.5	4:25'	10.1	0.03	0.7	0.1
Marzo	122.8	18	17	10	27	107.2	15.6	16:25'	12:20'	28:45'	35.3	2:55'	0.21	7.2	1.4	2:55'	38.3	0.21	7.2	1.4
Abril	86.2	18	16	13	29	48.8	37.4	12:35'	16:35'	29.10:	18.5	1:05'	0.28	3.0	0.6	3:00'	7.1	0.03	0.5	0.1
Mayo	80.2	18	15	13	28	28.9	51.3	15:10'	19:30'	34:40'	7.7	2:35'	0.04	0.5	0.1	3:50'	3.1	0.01	0.3	0.1
Junio	84.7	12	9	14	23	54.6	30.1	18:10'	8:15'	26:25'	23.1	0:40'	0.57	10.0	2.0	12:00'	11.6	0.01	0.5	0.1
Julio	50.6	15	15	10	25	27.7	22.9	12:40'	9:30'	22:10'	7.4	0:50'	0.14	3.2	0.6	3:00'	4.5	0.02	0.4	0.1
Agsto	51.0	11	9	5	14	36.9	14.1	4:25'	4.10'	8:35'	13.9	0:25'	0.55	5.0	1.0	1:15'	3.9	0.01	0.1	0.0
Spbre	56.7	15	10	12	22	22.9	33.8	6:00'	12:50'	18:50'	18.9	3:30'	0.05	3.1	0.6	3:30'	10.9	0.05	3.1	0.6
Ocbre	118.9	19	9	21	30	60.9	58.0	10:20'	22:15'	32:35'	15.2	1:05'	0.24	5.0	1.0	3:05'	2.3	0.01	0.2	0.1
Nvbre	166.0	23	31	25	56	94.8	71.2	43:10'	39:55'	83:05'	26.4	4:40'	0.09	3.2	0.6	6:10'	3.5	0.01	0.3	0.1
Dcbre	40.0	13	6	7	13	12.1	27.9	4:10'	9:25'	13:35'	16.5	4:25'	0.06	2.0	0.4	4:25'	16.5	0.06	2.0	0.4
TOTALES	935.1	186	161	147	308	536.3	398.8	158:50'	177:35'	336:25'	20.0	28:50'	XX	XX	XX	51:15'	115.5	XX	XX	XX

ESTACION Dolores MES Abril AÑO 1963 φ = 36° 32' N λ = 74° 56' W.GR - ALTURA 1.590 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1																		56.0	1.0	—	1.0				
2																		--	—	—	—				
3																		—	--	4.0	4.0				
4																		—	6.0	—	6.0				
5																		—	4.0	—	6.2				
6																		2.2	—	—	4.0				
7																		4.0	8.0	—	8.0				
8																		—	—	—	—				
9																	6.3	—	—	—	2.0				
10	18.4	23.8	20.2	20.7	28.6	17.5	16.0	13.2	14.7	13.6	13.8	83	66	76	75	8.7	4.5	2.0	--	—	9.4	1.6	02 1	16 2	00 0
11	18.0	21.2	19.2	19.4	23.3	17.0	16.0	15.2	14.2	15.3	14.9	98	75	92	88	8.0	2.9	9.4	10.0	--	46.0	1.2	02 1	16 2	02 1
12	17.8	22.4	18.8	19.4	23.6	16.2	15.0	14.2	14.3	13.4	14.6	93	70	82	82	4.7	2.7	36.0	1.7	—	10.0	1.0	02 1	16 1	06 1
13	17.8	21.8	18.2	19.0	23.1	17.0	16.0	14.2	15.1	13.7	14.3	93	78	88	86	8.0	2.9	8.3	0.5	30.3	31.2	0.2	02 1	02 1	00 0
14	17.6	23.0	19.2	19.8	24.4	17.2	16.0	15.2	15.5	14.1	14.9	100	73	85	86	6.7	4.0	0.4	1.1	—	1.1	0.6	02 1	16 1	00 0
15	19.4	26.0	21.0	21.8	26.3	17.0	16.2	15.6	12.7	10.7	13.0	93	50	57	67	5.3	8.1	--	—	--	—	2.0	02 1	08 2	06 1
16	19.2	22.0	19.4	20.0	24.2	17.4	16.5	15.4	15.8	13.5	14.9	93	80	80	84	6.7	2.3	--	—	—	—	1.6	08 1	14 2	04 1
17	18.0	23.2	20.0	20.3	23.5	17.1	16.3	14.5	15.3	15.5	15.1	93	71	89	84	6.0	2.3	—	—	—	1.5	1.4	00 0	08 2	12 3
18	17.2	20.4	17.5	18.2	22.0	16.8	15.5	13.7	12.6	13.1	13.1	93	70	88	84	7.0	2.8	1.5	1.3	—	1.3	1.4	00 0	04 1	02 1
19	16.5	22.0	19.9	19.6	25.0	15.9	15.0	13.2	15.5	15.0	14.6	93	78	87m	86	5.3	9.0	—	—	—	21.1	2.0	00 0	16 2	04 2
20	16.8	22.6	18.8	19.2	23.0	16.0	15.0	14.1	14.3	14.2	14.2	98	68	87	84	8.7	2.4	21.1	—	0.3	8.5	1.4	04 1	10 2	08 1
21	17.8	21.9	19.2	19.5	22.8	15.8	14.6	12.9	10.7	13.5	12.4	93	55	81	76	9.3	7.7	8.2	0.3	—	0.3	3.0	08 1	08 1	04 1
22	18.0	24.2	19.0	20.1	24.9	16.0	15.1	13.8	10.4	12.5	12.2	90	46	76	71	3.7	9.6	—	--	—	2.8	4.2	04 1	08 2	06 2
23	18.2	23.0	19.2	19.9	24.6	16.8	15.1	11.0	10.6	10.6	10.7	70	50	63	61	3.7	5.9	2.8	—	—	—	4.4	04 1	08 2	04 3
24	18.2	22.8	18.6	19.6	23.0	16.0	15.2	14.0	11.6	12.7	12.8	90	55	76	74	4.7	3.8	—	—	—	—	2.4	04 1	16 2	08 3
25	17.0	24.0	18.2	19.4	25.3	15.4	14.5	13.8	14.1	12.6	13.5	95	63	80	79	5.3	9.2	—	—	—	—	3.4	08 1	16 1	04 1
26	19.4	24.2	20.6	21.2	25.1	16.7	15.8	12.4	10.9	12.7	12.0	73	48	70	64	4.3	6.5	—	3.1	—	3.1	4.0	02 1	08 3	02 3
27	18.3	21.0	19.6	19.6	22.0	16.0	15.4	11.0	15.6	14.0	13.5	70	84	82	79	5.3	2.6	—	—	—	—	2.4	02 1	02 1	04 1
28	16.0	19.6	15.6	16.7	21.0	15.2	14.0	12.3	13.4	11.0	12.2	90	78	83	84	7.7	1.5	—	0.6	1.5	2.1	1.8	00 0	10 1	04 1
29	18.4	23.0	20.0	20.4	23.6	14.8	14.0	15.0	17.2	14.9	15.7	98	82	85	88	7.7	4.1	—	1.3	—	21.4	0.6	02 1	16 2	16 1
30	18.0	24.0	20.4	20.7	25.0	17.3	16.0	15.2	15.7	14.6	15.2	98	70	82	82	8.3	4.6	20.1	—	—	26.8	1.6	00 0	16 1	04 2
31																									
MED.	17.9	22.7	19.2	19.7	23.8	16.4	15.4	13.8	13.8	13.4	13.7	90	67	80	79	6.4	4.8	5.7	1.3	1.2	7.3	2.0	--	--	--

Total 217.8 m.m.

ESTACION Dolores MES Mayo AÑO 1963 φ = 30° 32' N λ = 70° 55' W.GR - ALTURA 1.590 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.0	24.0	19.4	20.2	26.0	17.0	16.0	15.6	14.1	15.6	15.1	100	63	93	85		6.0	26.8	1.0	—	57.2	1.6	00 0	16 1	02 1
2	18.0	24.2	19.8	20.4	26.0	16.4	15.0	13.1	14.8	15.6	14.5	85	65	90	80		6.0	66.2	—	0.7	58.9	1.6	02 1	16 2	02 1
3	17.4	24.0	20.0	20.3	26.2	16.0	15.0	14.2	15.4	16.1	15.2	96	68	92	85		5.8	58.2	—	—	—	1.0	00 0	16 1	02 1
4	19.2	23.8	18.8	20.1	25.5	17.6	16.2	15.6	13.1	15.7	14.7	94	59	96	83		3.6	—	—	16.9	17.6	1.0	00 0	08 1	02 1
5	19.0	25.0	21.2	21.6	26.6	17.6	16.2	14.8	14.3	13.5	14.2	90	60	72	74		8.2	0.7	9.0	—	9.5	2.2	00 0	12 1	06 1
6	18.2	19.6	16.6	17.5	20.2	17.4	16.4	15.3	14.3	11.1	13.7	97	86	78	87		0.5	0.5	0.1	—	0.2	1.0	00 0	02 1	06 1
7	17.0	22.0	18.2	18.8	23.0	15.2	14.2	12.7	11.0	11.0	11.6	88	55	70	71		3.9	0.1	1.4	0.1	1.5	1.4	00 0	02 1	04 1
8	18.0	23.6	18.8	19.8	23.8	15.5	14.8	14.0	14.9	14.0	14.3	91	68	86	82		8.0	—	—	—	—	2.2	02 1	16 2	02 1
9	17.0	20.8	17.7	18.3	21.0	15.0	14.0	14.0	14.9	14.6	14.5	96	81	95	91		1.7	26.6	1.9	—	1.9	1.0	00 0	16 1	16 1
10	18.2	21.4	17.2	18.5	22.2	16.0	15.0	13.1	15.3	13.2	13.9	84	80	90	85		2.1	—	—	2.5	3.6	1.4	02 2	16 2	04 1
11	17.0	23.2	19.2	19.8	23.5	16.0	15.0	13.8	15.0	15.3	14.7	95	70	92	86		7.0	1.1	—	—	3.0	1.2	16 1	16 1	02 1
12	17.0	22.2	18.2	18.9	23.3	16.6	15.5	14.2	14.1	14.0	14.1	98	70	90	86		2.0	3.0	0.7	1.1	13.6	1.2	00 0	16 1	02 1
13	17.3	21.2	20.0	19.6	23.0	16.8	15.6	14.6	16.1	12.0	14.2	97	86	67	83		1.6	11.8	6.4	1.7	10.8	0.8	00 0	16 1	08 1
14	20.0	23.0	19.0	20.2	24.0	16.4	16.2	15.2	14.8	14.9	15.0	87	70	90	82		3.3	2.7	0.7	9.1	18.2	0.4	00 0	00 0	00 0
15	17.6	20.4	19.0	19.0	25.0	17.0	16.0	14.2	15.0	14.8	14.7	94	84	90	89		5.5	9.4	—	—	—	1.4	04 1	08 2	08 2
16	19.2	24.8	21.0	21.5	26.0	16.0	14.2	13.5	14.0	12.5	13.3	81	60	88	70		5.3	—	—	—	0.2	2.4	00 0	16 2	04 1
17	19.4	23.4	21.8	21.6	26.0	16.4	16.0	13.7	14.3	13.8	13.9	81	66	70	72		7.7	0.2	—	—	—	2.0	08 1	08 1	12 1
18	19.0	25.2	20.4	21.2	26.6	16.4	16.0	14.9	12.1	12.6	13.2	90	50	70	70		7.7	—	—	—	—	3.0	00 0	12 3	12 1
19	19.2	24.4	21.6	21.7	26.0	18.0	17.0	13.1	12.5	13.3	13.0	78	54	69	67		6.6	—	—	—	—	4.4	08 2	08 3	12 2
20	20.0	23.2	20.2	20.9	26.0	18.0	17.2	13.1	11.2	13.3	12.5	75	52	75	67		3.0	—	—	1.3	1.3	3.0	08 1	08 2	08 3
21	20.0	23.8	20.2	21.0	25.0	19.0	18.0	12.6	12.1	14.0	12.9	72	54	79	68		2.8	—	—	0.2	0.2	5.0	08 3	08 2	08 1
22	20.6	26.0	21.6	22.4	26.6	16.2	15.0	11.8	10.9	9.6	10.8	65	43	50	53		11.2	—	—	—	—	5.2	08 1	08 3	04 3
23	21.4	26.2	22.0	22.9	28.0	20.0	18.5	11.5	11.5	10.9	11.3	60	45	55	53		9.0	—	—	0.1	1.5	6.4	08 2	08 3	06 3
24	18.5	20.8	20.0	19.8	22.2	17.2	17.0	14.3	15.7	10.6	13.5	90	85	80	78		0.2	1.4	4.8	—	5.8	1.2	06 1	05 2	06 1
25	17.6	23.0	19.6	19.9	25.0	17.0	16.0	14.4	11.7	13.1	13.1	95	85	77	78		4.9	1.0	—	—	—	3.4	06 1	08 3	08 3
26	19.4	23.0	20.8	21.0	25.6	18.0	17.0	12.1	9.9	12.7	11.6	72	47	69	63		5.5	—	0.2	0.1	0.3	3.0	08 1	08 2	08 1
27	19.6	26.0	21.6	22.2	26.3	18.0	17.0	12.1	12.7	12.6	12.5	71	50	85	62		6.3	—	—	—	—	4.6	00 0	08 1	08 4
28	20.2	25.0	21.0	21.8	26.3	17.0	16.0	13.7	11.9	12.9	12.5	77	50	69	65		9.9	—	—	—	—	5.0	08 2	08 4	08 5
29	20.0	24.0	21.8	21.9	25.4	19.0	17.6	13.0	11.2	10.9	11.7	74	50	55	60		6.1	—	—	—	—	5.0	00 0	12 2	06 4
30	20.0	26.6	21.6	22.4	27.5	19.2	18.0	12.2	11.9	10.5	11.5	70	45	55	57		6.5	—	—	—	—	5.0	00 0	12 2	06 4
31	19.8	25.2	21.2	21.8	26.8	19.0	18.0	12.0	12.8	10.3	11.7	70	53	55	57		8.7	—	—	—	—	6.0	00 0	06 3	08 4
MED.	18.8	23.5	20.0	20.5	24.9	17.1	16.1	13.6	13.3	13.0	13.3	84	62	75	74		5.4	6.8	0.8	1.0	7.8	2.9	— —	— —	— —

Total 242.9 m.m.

ESTACION Dolores MES Junio AÑO 19 63 φ = 39° 32' N λ = 74° 56' W.GR - ALTURA 1.590 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	20.4	25.2	22.6	22.8	25.9	18.0	17.0	11.2	12.1	11.0	11.4	62	50	53	55		5.3	—	—	—	4.4	5.2	06 1	08 2	08 3
2	20.0	23.2	20.2	20.9	25.0	18.0	16.4	13.1	10.8	9.8	11.2	75	50	55	60		5.6	4.4	2.7	—	2.7	6.2	08 2	08 3	06 4
3	20.4	25.8	21.4	22.2	26.0	18.2	17.2	10.9	11.4	10.5	10.9	60	46	55	54		8.4	—	—	—	—	6.2	00 0	12 1	06 2
4	20.2	25.6	22.4	22.6	27.2	17.2	16.4	12.4	11.8	11.3	11.8	70	48	55	58		7.2	—	—	—	—	5.8	00 0	10 2	06 2
5	20.0	25.4	21.0	21.8	27.6	17.0	16.0	14.1	12.3	11.3	12.6	80	50	60	63		8.8	—	—	—	—	5.4	00 0	08 1	06 2
6	20.2	24.5	20.8	21.6	26.0	18.0	17.0	12.4	12.4	10.2	11.7	70	48	55	58		5.6	—	—	—	—	6.4	08 6	06 5	06 5
7	20.0	26.2	22.0	22.5	27.0	19.2	18.0	10.6	12.4	10.2	11.1	60	48	52	53		9.3	—	—	—	9.4	6.4	08 3	06 5	06 5
8	19.0	25.0	22.4	22.2	26.6	18.8	17.0	12.9	11.9	12.4	12.4	78	50	61	63		8.0	9.4	—	—	6.1	6.0	08 1	08 5	08 6
9	18.6	24.8	19.9	20.8	25.0	18.0	17.0	13.8	15.2	13.9	14.3	86	65	80	77		7.1	6.1	2.8	4.4	9.0	4.0	08 1	12 1	08 2
10	19.6	24.0	17.6	19.7	25.0	17.5	16.0	14.0	15.7	13.5	14.4	86	70	90	82		3.7	1.8	—	3.3	3.4	1.2	00 0	16 1	04 1
11	18.0	25.0	20.0	20.7	25.9	17.8	17.0	12.4	13.1	12.8	12.8	80	55	73	69		2.1	0.1	—	1.3	1.3	1.4	00 0	00 0	00 0
12	18.0	23.2	18.6	19.6	25.2	17.6	17.0	13.8	15.0	14.4	14.4	90	70	90	83		2.1	—	—	0.3	0.3	1.8	00 0	12 1	04 1
13	17.8	19.4	18.6	18.6	20.6	17.0	16.4	15.0	14.4	14.4	14.6	98	86	90	91		—	—	8.9	—	9.3	0.6	00 0	16 1	02 1
14	18.0	19.0	17.6	18.0	24.2	17.6	16.0	14.0	13.9	11.8	13.2	90	85	78	84		3.4	0.4	8.2	1.2	9.4	1.6	00 0	04 1	00 0
15	20.0	22.0	20.0	20.5	25.3	15.2	14.6	14.4	14.4	12.6	13.8	83	73	72	76		4.5	—	0.9	—	0.9	1.8	00 0	16 1	16 1
16	20.0	25.0	22.0	22.2	26.3	18.6	17.0	12.2	11.9	10.9	11.7	70	80	55	68		7.7	—	—	—	7.5	3.0	00 0	02 1	08 2
17	18.6	22.0	18.0	19.1	23.2	17.0	15.8	13.5	11.9	12.4	12.6	85	60	80	75		4.8	7.5	—	1.0	1.0	2.0	02 2	12 2	04 1
18	18.6	25.0	19.8	20.8	26.6	15.0	14.0	11.4	9.6	12.4	11.1	73	40	72	62		7.1	—	—	2.2	2.2	4.0	00 0	08 2	08 3
19	19.4	26.0	21.2	21.9	26.8	18.0	17.0	9.7	8.9	8.6	9.1	58	36	45	46		9.5	—	—	—	—	7.0	04 2	08 3	12 1
20	20.0	23.0	21.0	21.2	24.8	19.5	18.0	8.5	9.0	9.2	8.9	48	43	50	47		1.4	—	—	—	0.9	7.0	08 2	08 1	08 2
21	19.0	24.2	21.0	21.2	26.0	16.0	15.6	10.8	10.4	9.2	10.1	65	46	50	54		8.3	0.9	—	—	—	6.0	04 1	04 3	08 5
22	20.0	25.0	20.6	21.5	26.4	19.0	18.0	12.1	9.4	8.8	10.1	54	38	48	47		10.3	—	—	—	—	8.0	08 2	08 4	08 4
23	20.0	24.4	21.4	21.8	25.0	18.4	17.0	10.1	11.0	10.5	10.5	58	48	55	57		9.6	—	—	—	0.5	7.0	08 2	08 4	08 4
24	20.8	23.0	20.4	21.1	24.0	18.0	16.2	11.9	12.6	10.4	11.6	65	60	58	61		5.7	0.5	—	—	—	5.0	08 2	08 3	08 4
25	19.6	25.2	22.0	22.2	26.4	19.0	17.0	11.2	11.6	9.8	10.9	66	46	50	54		8.3	—	—	—	—	7.0	08 2	08 4	04 2
26	19.0	26.4	22.0	22.3	27.2	18.0	17.0	10.4	10.8	10.1	10.4	66	42	51	53		9.2	—	—	—	—	5.4	06 1	12 2	06 2
27	19.0	25.8	21.4	21.9	26.6	16.2	15.4	13.2	11.2	10.9	11.8	80	45	57	61		6.8	—	—	—	—	7.0	00 0	08 1	04 1
28	19.8	23.0	21.0	21.2	25.2	18.0	17.0	10.5	11.9	10.7	11.0	60	53	57	57		7.1	—	—	—	—	4.8	00 0	08 2	06 2
29	20.4	25.0	20.6	21.6	26.0	19.0	17.2	10.4	11.4	11.8	11.2	58	48	65	57		10.4	—	—	0.9	0.9	6.2	06 1	08 1	08 2
30	19.4	25.0	21.4	21.8	25.5	18.8	17.0	10.9	14.2	10.2	11.8	65	60	54	60		8.2	—	—	—	4.9	5.8	00 0	06 1	06 2
31																									
MED.	19.5	24.2	20.6	21.2	25.6	17.8	16.6	12.1	12.1	11.2	11.8	71	55	62	63		6.5	1.0	0.8	0.5	2.5	4.8	— —	— —	— —

Total 74.1 m.m.

ESTACION Dolores MES Julio AÑO 1963 φ = 30 32' N λ = 742 56' W.GR - ALTURA 1.590 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.6	25.2	21.0	21.7	27.0	17.6	16.2	12.9	11.6	10.9	11.8	75	48	58	60		6.9	4.9	—	—	—	5.0	08 2	08 2	08 4
2	19.4	21.4	21.0	20.7	24.0	18.0	17.0	10.6	11.6	10.5	10.7	64	58	56	59		1.7	—	—	—	—	5.0	08 2	06 3	08 2
3	21.0	26.0	21.0	22.2	27.0	19.0	18.0	11.3	12.2	11.3	11.6	60	48	60	56		6.5	—	—	—	—	6.0	08 2	08 3	08 3
4	19.4	24.8	21.0	21.5	26.2	18.0	17.4	11.8	11.2	11.3	11.4	70	48	60	59		9.5	—	—	—	—	7.0	06 2	08 4	08 3
5	19.0	25.0	21.0	21.5	26.6	18.0	17.4	11.5	11.4	10.0	10.0	70	48	54	57		9.0	—	—	—	—	6.4	06 1	06 2	08 4
6	20.2	26.0	22.6	22.8	27.6	19.0	17.0	9.9	11.4	8.8	10.0	56	47	48	50		9.2	—	—	—	—	7.0	06 1	06 4	08 3
7	19.0	26.8	22.0	22.4	28.8	18.5	17.2	13.9	11.0	11.3	12.1	85	42	57	61		9.1	—	—	—	—	5.2	00 0	08 3	06 3
8	20.2	25.4	21.4	22.1	26.6	17.0	15.0	12.4	11.6	10.9	11.6	70	48	57	58		7.3	—	—	—	2.4	4.8	00 0	08 2	12 3
9	18.4	25.4	20.0	20.9	26.6	17.0	16.4	12.8	12.9	12.8	12.8	80	53	73	69		3.1	2.4	—	1.7	1.7	1.2	00 0	02 1	06 2
10	19.4	25.0	20.4	21.3	26.0	17.0	15.4	13.5	12.9	10.9	12.4	80	54	60	65		4.1	—	—	—	—	3.4	00 0	12 1	06 1
11	18.4	23.4	19.2	20.0	25.0	17.0	16.0	12.4	12.0	11.0	11.8	78	56	65	66		6.2	—	—	1.3	1.3	3.0	00 0	08 2	06 2
12	18.0	25.0	21.8	21.6	26.0	17.0	16.0	11.2	10.1	9.8	10.4	72	43	50	55		7.4	—	—	—	—	4.0	00 0	00 0	08 2
13	18.2	22.6	19.0	19.7	26.0	16.2	15.0	12.6	14.3	12.2	13.0	80	68	73	74		7.8	—	—	0.1	0.1	4.2	00 0	00 0	00 0
14	18.6	26.0	21.8	22.0	26.8	17.0	16.0	12.9	12.2	10.7	11.8	80	48	55	61		7.8	—	—	0.2	0.2	2.0	00 0	08 2	08 2
15	19.4	18.8	20.0	19.5	23.0	18.0	17.0	15.3	13.7	16.6	15.2	91	85	95	90		1.8	—	2.7	10.1	12.8	3.0	00 0	08 1	06 1
16	18.0	25.4	21.0	21.3	27.0	16.0	15.4	12.4	9.8	9.6	10.6	80	40	52	57		7.3	—	—	—	—	3.4	00 0	08 2	08 1
17	19.4	23.8	21.6	21.6	26.2	18.0	17.0	10.2	9.5	8.4	9.4	60	43	43	49		5.9	—	—	—	—	6.4	06 1	08 2	08 3
18	20.0	27.6	23.0	23.4	28.0	19.0	17.2	8.9	8.4	8.5	8.6	50	30	40	40		9.6	—	—	—	—	8.2	08 1	08 3	08 3
19	19.4	24.0	20.0	20.8	25.0	17.6	16.0	10.7	13.5	11.4	11.9	63	60	65	63		5.1	—	—	—	—	4.0	02 1	00 0	00 0
20	20.0	27.0	21.4	22.4	28.0	17.0	15.4	12.2	12.0	10.2	11.5	70	43	54	56		8.4	—	—	—	—	5.0	06 1	16 3	08 3
21	19.0	25.4	22.0	22.1	26.6	18.0	17.0	14.8	14.6	10.5	13.3	90	60	53	68		6.4	—	—	—	—	3.4	16 1	16 2	08 2
22	20.0	24.6	18.0	20.1	26.0	18.0	16.8	12.4	11.1	10.8	11.4	73	48	70	64		6.4	—	—	2.4	2.4	4.6	08 1	08 2	12 2
23	18.2	21.8	18.0	19.0	22.6	15.2	14.0	10.2	11.8	8.4	10.1	65	60	55	60		4.0	—	—	—	—	5.0	08 1	06 2	08 3
24	20.0	21.0	19.9	20.2	22.0	17.0	16.0	10.6	8.6	8.0	9.1	60	46	46	51		5.6	—	—	—	—	6.6	08 3	08 3	08 4
25	19.2	22.4	19.0	19.9	24.0	17.2	16.0	9.4	9.2	9.5	9.4	56	45	58	53		6.3	—	—	0.1	0.1	6.4	08 1	08 2	08 2
26	18.4	23.6	20.0	20.5	24.0	17.0	16.0	10.0	9.8	9.6	9.8	63	45	55	54		7.2	—	—	—	—	6.8	08 2	08 3	08 3
27	18.9	25.0	19.8	20.9	27.0	17.8	17.0	10.1	11.1	10.5	10.6	62	47	60	56		4.9	—	—	—	—	6.8	08 1	06 3	08 3
28	19.8	25.0	21.2	21.8	27.0	18.0	17.0	10.5	10.8	11.3	10.9	60	46	60	55		8.8	—	—	—	—	7.2	10 2	06 4	06 2
29	20.0	25.2	22.0	22.3	27.4	18.0	16.0	12.3	11.6	10.9	11.6	71	48	55	58		9.3	—	—	—	3.3	6.4	06 1	06 4	06 3
30	19.2	26.0	22.0	22.3	26.6	17.0	16.4	13.5	11.2	10.2	11.6	81	44	52	59		8.5	3.3	—	—	3.8	5.8	06 1	06 4	06 1
31	19.4	23.2	21.2	21.2	25.0	17.0	15.4	15.2	12.4	11.3	13.0	90	58	60	69		4.1	3.8	—	—	—	5.0	00 0	06 2	06 3
MED.	19.3	24.4	20.8	21.3	26.0	17.5	16.3	11.9	11.4	10.6	11.3	71	50	58	60		6.6	0.5	0.1	0.5	0.9	5.1	— —	— —	— —

Total 28.1 m.m.

ESTACION Dolores MES Agosto AÑO 19 63 φ = 30 32' N λ = 74° 56' W.GR - ALTURA 1.590 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.4	24.6	22.0	22.0	26.0	17.4	16.0	14.0	12.4	11.3	12.6	82	53	57	64	8.0	5.1	—	—	—	0.3	4.8	00 0	12 1	06 1
2	19.0	21.2	18.4	19.2	25.0	17.6	15.4	14.8	14.2	15.1	14.7	90	75	94	86	5.3	3.8	0.3	—	1.8	2.8	2.2	00 0	16 1	00 0
3	17.0	27.0	20.4	21.2	27.4	16.8	16.0	14.6	12.2	13.0	13.3	100	45	73	73	5.7	8.4	1.0	—	—	—	3.0	06 1	02 1	00 0
4	19.0	26.6	23.4	23.1	28.0	17.0	15.4	14.7	14.4	10.8	13.4	90	55	50	65	6.0	7.8	—	—	—	—	3.4	00 0	00 0	00 0
5	19.8	21.4	19.0	19.8	22.0	19.0	17.0	11.4	12.6	11.5	11.8	66	66	70	67	8.7	—	—	—	0.1	0.1	4.2	00 0	08 1	06 4
6	19.6	22.4	20.8	20.9	23.0	19.2	18.0	12.0	12.1	11.1	11.7	70	60	60	63	7.3	3.5	—	—	—	0.6	6.8	08 2	08 3	06 4
7	18.4	25.0	18.8	20.2	26.2	17.0	16.0	12.6	10.1	13.1	11.9	78	43	80	67	8.0	7.4	0.6	—	2.0	4.7	5.0	06 2	08 2	12 3
8	20.0	27.2	22.4	23.0	27.6	18.2	16.2	11.7	11.8	10.9	11.5	68	43	63	55	3.3	8.9	2.7	—	—	—	6.2	08 1	08 2	06 2
9	20.6	25.5	22.0	22.5	27.0	19.4	18.0	11.3	9.9	9.8	10.3	62	40	50	51	5.3	6.8	—	—	—	4.0	7.0	00 0	06 3	06 3
10	19.2	24.8	19.2	20.6	24.9	16.0	15.0	11.3	11.8	9.0	10.7	68	50	54	57	7.3	5.8	4.0	—	—	—	6.0	06 2	06 2	06 4
11	20.2	24.0	20.6	21.3	25.0	18.0	16.2	12.4	12.1	10.6	11.7	70	54	58	61	4.7	10.8	—	—	—	—	5.8	08 1	06 2	06 2
12	20.8	25.4	21.0	22.3	26.6	18.9	18.4	11.1	12.0	9.1	10.7	60	46	49	52	5.3	8.7	—	—	—	2.1	6.6	06 1	38 1	08 2
13	18.4	26.0	22.0	22.1	26.8	18.0	16.4	14.2	11.6	10.9	12.2	90	46	55	64	3.0	7.3	2.1	0.1	—	0.1	5.8	00 0	00 0	06 2
14	20.4	26.2	22.4	22.8	27.6	19.0	18.0	13.5	12.8	11.5	12.6	75	50	57	61	6.7	9.6	—	—	—	2.8	6.0	00 0	08 1	06 2
15	17.0	21.8	18.8	19.1	22.0	16.2	15.2	14.6	11.8	11.3	12.6	98	60	70	76	7.3	5.5	2.8	—	—	0.6	5.0	08 2	08 3	06 3
16	16.2	19.9	18.0	18.0	21.6	15.0	14.0	9.7	10.0	9.3	9.7	70	58	60	63	8.0	3.9	0.6	—	—	—	5.8	08 2	06 2	08 2
17	16.0	23.6	20.8	20.3	24.0	15.4	14.6	12.7	9.6	10.2	10.8	93	44	55	64	4.7	7.0	—	—	—	—	6.2	08 2	08 3	06 1
18	18.8	24.0	20.0	20.7	25.0	17.6	16.8	9.0	9.4	9.4	9.3	58	42	53	50	5.3	7.6	—	—	—	—	7.8	00 0	08 2	12 1
19	19.6	23.0	20.6	20.9	26.0	17.2	16.0	11.9	8.9	8.0	9.6	69	42	44	52	6.0	6.5	—	—	—	0.1	3.0	00 0	06 2	06 1
20	17.0	22.4	17.0	18.3	23.0	15.0	14.2	13.5	14.8	10.8	13.0	93	76	74	81	6.0	4.3	0.1	1.7	2.3	4.0	3.4	00 0	00 0	00 0
21	18.4	23.8	22.2	21.6	27.0	15.0	14.2	13.5	13.9	11.0	12.8	85	63	55	68	6.7	7.5	—	—	—	—	3.6	00 0	10 1	00 0
22	19.8	26.4	22.4	22.7	28.0	18.0	17.2	14.7	11.4	11.1	12.4	85	44	54	61	6.0	6.0	—	—	—	—	4.6	00 0	10 1	12 1
23	20.2	28.2	23.4	23.8	28.4	18.4	16.4	13.2	13.3	11.5	12.7	73	46	53	57	6.7	4.9	—	—	—	0.5	4.4	00 0	12 1	06 1
24	20.0	25.6	23.2	23.0	27.4	18.2	17.0	15.2	13.8	11.8	13.6	87	56	56	66	4.0	5.5	0.5	0.1	—	0.1	3.6	00 0	00 0	06 1
25	20.0	23.6	22.0	21.9	26.4	18.0	16.2	13.4	11.7	10.9	12.0	76	53	55	61	4.7	4.5	—	—	—	—	4.8	00 0	04 1	00 0
26	21.2	26.2	21.6	22.6	27.2	18.4	17.2	11.3	11.5	12.2	11.7	60	45	64	56	6.7	4.7	—	—	2.4	2.4	5.2	00 0	08 2	06 1
27	21.2	25.8	21.6	22.5	26.2	19.0	17.2	10.3	12.0	10.4	10.9	55	48	54	52	5.3	6.6	—	1.2	—	1.2	7.6	00 0	06 2	06 3
28	20.4	27.8	22.4	22.2	28.0	19.2	18.2	10.4	9.0	8.9	9.4	58	32	44	45	4.7	7.6	—	—	—	0.5	8.8	00 0	08 2	06 2
29	21.0	28.2	23.4	24.5	29.0	19.0	18.0	10.9	9.3	9.5	9.9	58	32	44	45	1.7	9.8	0.5	—	—	—	11.2	00 0	08 2	06 3
30	22.0	23.8	22.4	22.6	26.2	20.4	20.2	10.9	11.1	10.7	10.9	55	50	52	52	6.0	4.5	—	—	—	—	9.6	06 2	06 1	12 1
31	21.6	26.8	20.4	22.5	27.2	20.2	20.0	11.1	11.5	11.6	11.4	57	43	64	55	8.7	4.9	—	0.2	—	0.2	8.4	06 2	08 2	06 1
MED.	19.4	24.8	21.1	21.6	26.0	17.8	16.6	12.5	11.7	10.8	11.7	74	50	58	61	5.9	6.3	0.5	0.1	0.3	0.9	5.7	— -	— -	——

Total 27.1 m.m.

ESTACION Dolores MES Septiembre AÑO 19 63 φ = 36 32' N λ = 74° 56' W.GR - ALTURA 1.590 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.4	21.8	21.0	20.5	27.2	17.0	16.2	11.7	9.4	10.3	10.5	78	48	55	60	4.3	8.8	—	—	—	—	3.4	06 1	06 1	06 1
2	20.6	25.2	23.0	22.9	28.4	18.0	16.2	11.4	10.3	10.8	10.8	65	43	51	53	5.3	8.0	—	—	—	—	9.0	00 0	06 2	06 2
3	21.4	25.8	21.8	22.7	26.2	18.0	17.2	12.0	10.6	10.7	11.1	64	43	55	54	4.7	7.8	—	—	—	—	8.4	00 0	08 3	06 3
4	21.4	26.0	22.6	23.1	28.0	20.0	18.2	11.5	11.0	10.4	11.0	60	42	50	51	4.7	8.6	—	—	—	—	10.3	08 3	08 3	06 2
5	21.9	26.2	22.2	23.1	27.0	19.0	18.8	10.7	11.1	10.0	10.6	55	43	50	49	4.7	8.6	—	—	—	—	9.6	06 1	08 3	12 2
6	21.8	26.0	22.0	22.9	28.0	20.4	19.0	11.1	11.1	10.6	10.9	57	43	54	51	6.7	5.2	—	—	—	—	7.6	00 0	06 2	06 2
7	20.4	25.8	23.2	23.1	27.2	20.0	18.0	11.8	10.9	10.8	11.2	67	44	50	54	7.3	3.7	—	—	—	—	7.0	00 0	08 2	00 0
8	19.8	23.4	21.2	21.4	25.0	18.4	16.0	13.5	12.0	11.0	12.2	78	55	58	64	6.0	2.0	—	—	—	—	5.8	06 1	08 2	06 1
9	19.6	25.4	23.4	22.9	28.2	17.2	15.0	12.9	11.6	12.1	12.2	75	48	55	59	5.3	6.6	—	—	—	1.2	5.8	00 0	04 1	12 2
10	20.2	25.0	21.6	22.1	26.2	18.0	15.2	14.9	12.6	12.8	13.4	84	53	65	67	4.7	3.2	1.2	—	—	—	4.0	00 0	12 1	12 1
11	20.4	27.0	23.6	23.6	28.0	18.4	15.2	12.6	10.7	12.2	11.8	70	40	56	55	3.3	7.5	—	—	—	2.1	6.2	00 0	08 1	12 1
12	19.4	22.4	21.2	21.0	26.2	18.2	16.2	15.2	14.3	15.1	14.9	90	70	80	80	6.7	5.6	2.1	0.5	—	0.5	6.2	00 0	08 2	08 1
13	20.2	28.8	23.4	23.9	29.6	19.0	16.2	11.3	12.1	10.8	11.4	63	40	50	51	4.0	6.6	—	—	—	—	7.6	00 0	08 2	06 2
14	19.4	25.8	23.8	23.2	28.0	18.0	15.4	14.8	13.3	11.1	13.1	88	53	50	64	4.7	7.9	—	—	—	—	5.0	00 0	16 1	04 1
15	20.6	26.4	22.6	23.0	28.0	18.0	17.0	10.6	11.4	11.2	11.1	58	44	54	52	6.0	9.0	—	—	—	—	4.6	00 0	06 2	06 1
16	21.4	28.2	23.8	24.0	29.0	19.0	18.0	11.1	9.7	10.7	10.5	58	33	51	47	4.0	7.6	—	—	—	—	9.8	06 1	08 1	08 3
17	20.4	26.8	22.4	22.5	26.4	20.0	19.0	11.6	11.8	11.1	11.5	65	50	54	56	7.3	3.4	—	0.1	—	0.1	6.2	00 0	12 1	06 1
18	21.0	26.4	21.4	22.5	28.4	20.0	18.4	11.3	10.8	11.3	11.1	60	42	60	53	6.7	4.0	—	—	—	—	6.0	02 1	12 1	06 1
19	20.4	26.8	23.6	23.6	27.0	19.0	17.0	12.6	14.0	10.9	12.5	70	53	50	58	5.3	6.3	—	—	—	—	5.2	00 0	00 0	00 0
20	19.0	25.0	21.4	21.7	28.0	17.2	15.0	14.9	10.8	11.5	12.4	91	46	80	66	4.0	6.2	—	—	—	—	4.8	00 0	08 2	00 0
21	19.2	25.0	21.6	21.9	27.0	17.0	15.0	15.0	14.2	12.2	13.8	90	60	63	71	4.0	5.4	—	—	4.3	4.3	4.6	00 0	16 1	00 0
22	20.2	23.8	22.0	22.0	26.6	18.4	16.4	14.4	14.7	12.3	13.8	81	66	62	70	6.7	5.0	—	—	—	0.1	3.6	16 1	12 1	16 1
23	19.6	23.6	22.2	21.9	24.0	18.0	17.0	13.7	15.6	12.0	13.8	80	72	60	71	6.0	2.9	0.1	8.2	—	8.2	2.2	00 0	00 0	16 1
24	20.2	24.6	23.6	23.0	26.2	17.2	16.0	14.7	15.0	9.0	12.9	80	65	51	65	6.0	3.8	—	—	—	—	4.2	02 2	00 0	08 1
25	20.0	26.2	20.0	23.5	25.2	18.0	17.0	15.2	11.4	10.6	12.4	87	50	60	66	6.7	3.0	—	—	—	—	3.4	00 0	06 1	06 1
26	20.2	26.8	23.2	23.3	27.2	18.0	17.0	14.3	10.8	11.4	12.2	80	41	53	58	6.0	7.3	—	—	—	—	4.2	00 0	08 1	08 1
27	20.0	27.6	23.4	23.6	29.2	18.2	18.0	15.8	13.5	9.3	12.9	90	48	43	60	5.3	6.3	—	—	—	—	4.7	00 0	12 1	06 2
28	21.2	26.4	23.2	23.5	29.0	18.0	16.0	11.7	10.1	9.6	10.5	62	39	45	49	4.7	8.1	—	—	—	—	8.4	00 0	00 0	00 0
29	21.6	28.8	21.4	22.5	26.0	18.2	17.2	11.6	11.6	11.6	11.8	60	50	62	57	4.0	6.0	—	7.4	0.2	7.6	5.2	00 0	00 0	00 0
30	18.8	22.6	20.6	20.4	23.0	17.2	16.3	14.4	15.5	9.3	13.1	90	75	52	72	4.7	1.9	—	3.7	—	3.7	5.5	00 0	00 0	00 0
31																									
MED.	20.3	25.4	22.1	22.6	27.1	18.4	16.8	12.9	12.1	11.1	12.0	73	50	55	59	5.3	5.9	0.1	0.7	0.2	0.9	6.0	— —	— —	— —

Total 27.8 m.m.

ESTACION Dolores MES Octubre AÑO 1963 φ = 30° 32' N λ = 74° 56' W.GR - ALTURA 1.590 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.6	19.2	21.0	20.2	26.2	18.2	17.0	14.8	13.7	11.8	13.4	87	82	63	77	9.3	2.9	—	0.9	0.3	1.2	3.4	00 0	00 0	00 0
2	19.6	26.8	22.8	23.0	27.2	17.2	16.0	13.7	13.7	11.6	13.0	80	52	56	63	7.3	6.6	—	0.3	—	5.3	4.0	00 0	12 1	06 2
3	17.0	23.4	21.8	21.0	26.2	16.0	15.0	14.6	12.9	10.3	12.6	100	60	53	71	8.0	4.9	5.0	1.3	—	1.3	3.0	00 0	12 1	06 2
4	20.2	25.6	21.8	22.3	26.8	19.0	17.4	11.3	11.4	9.8	10.8	63	46	50	53	6.0	4.9	—	0.1	—	0.2	5.0	00 0	00 0	00 0
5	21.0	27.8	23.0	23.7	28.0	18.2	16.0	11.3	10.4	9.5	10.4	60	37	45	47	4.7	9.0	0.1	—	—	—	7.8	02 2	08 2	02 1
6	20.4	27.6	23.0	23.5	28.0	17.4	15.2	10.9	12.5	9.5	11.0	60	42	45	49	4.7	8.5	—	—	—	—	9.6	00 0	08 1	00 0
7	21.8	29.4	23.6	24.6	30.0	19.0	18.0	10.7	10.2	9.8	10.2	51	33	45	43	5.3	6.7	—	—	—	—	8.4	08 1	12 1	06 1
8	20.4	25.6	18.0	20.5	28.0	18.0	16.4	15.0	12.3	10.0	12.4	84	50	65	66	5.3	5.4	—	—	—	—	5.6	00 0	08 1	08 1
9	20.4	28.4	23.6	24.0	29.0	18.2	16.2	13.0	10.2	9.1	10.8	73	35	42	50	3.3	9.0	—	—	—	—	6.6	00 0	08 1	04 1
10	19.6	28.8	23.6	23.9	29.2	17.2	15.0	14.3	12.0	9.4	11.9	84	40	43	56	1.3	7.7	—	—	—	—	5.8	00 0	04 1	08 1
11	20.0	28.8	23.8	24.1	29.2	17.2	14.2	13.7	10.0	10.2	11.3	78	33	48	52	4.7	9.5	—	—	—	—	7.2	00 0	00 0	12 1
12	21.2	27.2	24.0	24.1	28.2	18.2	16.4	14.2	11.8	10.0	12.0	75	43	45	54	6.7	6.3	—	—	—	—	5.8	00 0	00 0	00 0
13	18.8	20.6	19.0	19.3	22.2	18.2	17.6	15.8	15.3	13.2	14.8	97	85	80	87	6.0	0.7	—	—	—	—	1.4	00 0	00 0	00 0
14	18.4	26.4	23.2	22.8	28.0	17.4	16.0	14.2	13.0	12.8	13.2	90	50	58	66	4.7	7.9	—	0.3	—	1.2	6.2	00 0	00 0	00 0
15	18.0	25.4	20.4	21.0	26.0	17.4	16.0	15.6	14.6	14.8	15.0	100	60	83	81	5.3	3.6	0.9	0.5	2.1	3.2	2.0	00 0	00 0	00 0
16	18.2	21.4	20.8	20.3	23.3	17.4	17.0	13.1	14.9	12.8	13.6	82	78	70	77	7.3	2.7	0.8	—	—	—	1.8	00 0	00 0	00 0
17	19.4	23.4	20.8	21.1	24.2	18.2	17.0	15.6	15.6	10.6	13.9	93	73	54	73	6.7	3.7	—	1.1	—	1.1	2.4	00 0	00 0	00 0
18	21.6	26.0	22.4	23.1	28.2	18.2	17.0	10.4	8.7	9.3	9.5	54	35	46	45	4.0	9.7	—	—	—	—	7.2	00 0	08 1	08 1
19	21.4	25.4	22.0	22.7	29.0	20.2	19.2	9.8	8.4	8.3	8.8	52	34	42	43	6.7	6.2	—	—	—	—	8.4	00 0	08 1	06 2
20	21.4	26.2	22.4	23.1	27.4	20.2	18.0	10.5	9.1	9.3	9.6	55	36	46	46	2.0	4.6	—	—	—	—	8.8	00 0	00 0	06 1
21	19.6	28.0	24.0	23.9	30.2	18.0	16.0	10.2	9.4	11.2	10.3	59	33	50	47	2.0	10.0	—	—	—	—	8.4	00 0	00 0	00 0
22	20.2	28.0	24.4	24.2	29.2	19.0	18.2	14.9	10.3	12.3	12.6	84	36	55	58	2.0	7.4	—	—	—	—	5.4	00 0	00 0	08 1
23	20.6	29.4	23.6	24.3	30.0	17.4	16.2	13.6	10.7	11.4	11.9	74	35	52	54	1.3	9.9	—	—	—	—	7.6	00 0	00 0	08 1
24	20.5	27.6	24.4	24.2	28.4	19.0	18.0	10.6	10.3	10.3	11.2	70	38	45	51	3.3	7.6	—	—	—	2.0	6.2	00 0	00 0	00 0
25	19.8	23.0	21.2	21.3	25.0	17.0	16.0	15.9	14.8	15.6	15.4	92	70	83	82	5.3	5.4	2.0	—	—	24.5	2.4	00 0	00 0	00 0
26	17.8	22.4	19.2	19.6	25.0	16.2	15.2	13.5	14.3	14.7	14.2	89	70	88	82	6.0	3.0	29.5	—	—	—	1.8	00 0	00 0	00 0
27	20.0	27.0	22.0	22.7	28.0	18.0	16.4	15.5	13.4	13.0	14.0	89	50	66	68	2.7	8.3	—	—	—	63.0	3.6	00 0	00 0	00 0
28	18.0	21.0	17.8	18.6	22.0	17.0	16.0	13.8	13.5	13.7	13.7	90	73	90	84	6.0	3.8	63.0	13.2	—	13.3	0.8	00 0	00 0	00 0
29	19.0	23.2	20.2	20.6	23.4	17.0	16.0	14.8	15.4	15.5	15.2	90	72	88	83	4.0	5.1	0.1	—	—	16.1	1.4	00 0	00 0	00 0
30	18.2	22.6	20.0	20.2	23.2	17.8	17.2	14.9	13.6	15.6	14.7	95	65	88	83	8.0	1.2	16.1	0.2	—	0.2	1.6	00 0	00 0	00 0
31	19.6	21.4	19.8	20.1	22.0	18.0	17.8	16.3	16.2	15.1	15.9	95	85	88	89	8.0	0.1	—	15.4	—	15.4	1.6	00 0	00 0	00 0
MED.	19.7	25.4	21.8	22.2	26.8	17.9	16.8	13.5	12.4	11.6	12.5	79	53	60	64	5.1	5.9	3.8	1.1	0.1	4.9	4.8	00 0	00 0	00 0

Total 153.0 m.m.

ESTACION Dolores MES Noviembre AÑO 1963 φ = 30° 32' N λ = 74° 56' W.GR - ALTURA 1.590 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	19.2	22.0	20.0	20.3	24.0	17.0	16.0	15.1	16.1	14.4	15.2	91	81	83	85	6.0	3.9	—	—	—	—	1.8	00 0	00 0	00 0
2	19.2	22.0	119.8	20.2	24.6	17.6	17.0	14.1	15.8	14.5	14.8	85	80	84	83	3.3	4.2	—	7.0	6.9	36.7	1.4	00 0	00 0	00 0
3	19.0	23.4	20.2	20.7	23.7	18.0	17.2	15.2	16.3	16.4	16.0	93	76	93	87	8.7	2.6	22.8	14.8	1.1	18.1	1.0	00 0	00 0	00 0
4	18.2	22.2	20.2	20.2	22.6	17.8	17.0	15.4	14.3	14.9	14.9	98	71	84	84	9.3	0.7	2.2	6.4	0.1	12.4	0.8	00 0	00 0	00 0
5	18.4	23.2	19.2	20.0	24.4	17.2	16.4	14.2	15.3	15.0	14.8	90	71	90	84	8.7	3.1	5.9	15.2	0.1	85.7	0.8	00 0	00 0	00 0
6	18.2	22.6	19.0	19.7	23.0	17.2	16.2	15.8	15.1	15.9	15.6	100	73	96	90	9.3	4.4	70.4	—	—	0.8	0.8	00 0	00 0	00 0
7	18.0	20.0	18.4	18.7	21.0	17.6	16.5	15.0	15.2	14.2	14.8	97	87	92	92	9.3	1.3	0.8	4.7	—	13.9	0.6	00 0	00 0	00 0
8	18.6	24.2	21.0	21.2	25.2	17.3	17.0	16.1	13.5	14.8	14.8	100	60	79	80	6.7	7.7	9.2	—	—	5.9	1.4	00 0	00 0	00 0
9	19.0	23.0	20.3	20.7	24.0	18.0	17.0	14.9	15.5	16.4	15.6	91	73	93	86	4.0	5.8	5.9	1.7	—	1.7	1.8	00 0	00 0	00 0
10	19.0	21.0	19.0	19.5	22.2	18.2	17.2	15.2	13.5	15.2	14.6	93	73	93	86	9.3	1.6	—	31.5	—	77.9	1.0	00 0	00 0	00 0
11	17.0	22.0	18.0	18.7	22.2	16.0	15.0	14.6	13.8	14.9	14.4	100	70	96	89	7.3	1.7	46.4	12.6	—	20.8	1.2	00 0	00 0	00 0
12	17.0	19.8	18.0	18.3	20.0	16.0	15.2	14.6	15.6	14.5	14.9	100	90	93	94	8.7	--	8.2	27.7	—	55.4	0.6	00 0	00 0	00 0
13	17.4	18.6	17.0	17.5	19.2	16.2	15.0	15.0	14.7	13.7	14.5	100	92	94	95	9.3	—	27.7	3.9	—	17.1	0.7	00 0	00 0	00 0
14	17.2	20.0	18.2	18.4	21.0	16.2	15.0	14.8	14.1	14.8	14.6	100	80	94	91	9.3	0.4	13.2	1.3	6.4	39.3	0.1	16 1	00 0	00 0
15	16.4	19.2	17.2	17.5	20.0	16.0	15.0	13.7	14.1	13.7	13.8	98	85	93	92	9.3	0.4	31.3	2.0	—	2.2	0.2	00 0	00 0	00 0
16	17.8	22.6	19.6	19.9	23.2	16.0	15.0	14.2	11.4	14.9	13.5	93	55	88	79	8.7	5.4	0.2	—	—	—	1.4	00 0	00 0	00 0
17	18.0	24.6	19.0	20.1	25.0	16.2	15.2	12.7	13.9	13.2	13.3	82	60	80	74	4.7	7.9	—	—	—	—	1.7	00 0	00 0	00 0
18	19.6	24.2	21.0	21.0	21.4	17.2	16.2	15.7	14.0	12.3	14.0	92	62	66	73	6.7	6.2	—	—	0.1	0.1	1.4	00 0	00 0	00 0
19	19.2	25.0	21.2	21.6	26.2	17.0	16.0	15.5	12.5	12.3	13.4	93	52	65	70	4.7	7.3	—	—	—	—	1.5	00 0	00 0	00 0
20	20.2	25.6	22.0	22.4	25.8	17.0	15.0	13.3	14.7	13.0	13.7	75	60	65	67	4.7	9.1	—	—	—	—	2.4	00 0	00 0	00 0
21	20.2	26.0	20.4	21.4	26.3	17.2	16.0	15.7	13.9	13.4	14.3	89	55	74	73	6.7	4.4	—	—	1.0	7.3	1.8	00 0	00 0	00 0
22	19.2	22.0	19.4	20.0	22.2	17.0	16.0	15.1	16.1	14.1	15.1	90	81	84	85	8.0	0.5	6.3	1.8	—	5.7	0.5	00 0	00 0	00 0
23	18.0	22.6	19.6	19.9	23.2	17.6	16.2	14.6	15.6	15.4	15.2	94	76	90	87	8.7	1.5	3.9	12.1	0.4	35.3	0.6	00 0	00 0	00 0
24	19.0	22.0	19.2	19.8	22.6	17.0	16.0	10.8	9.8	9.3	10.0	66	50	55	57	5.3	—	22.8	1.3	—	1.3	3.5	00 0	12 2	06 1
25	19.4	21.3	20.6	20.5	25.0	17.2	16.2	14.6	15.4	12.7	14.2	87	82	70	80	9.3	5.5	—	—	—	—	2.2	00 0	00 0	00 0
26	18.6	23.8	20.0	20.6	25.0	16.0	15.0	13.5	10.6	9.5	11.2	85	46	54	62	4.0	9.2	—	—	—	—	6.8	00 0	08 1	00 0
27	18.2	23.4	20.4	20.6	25.0	16.2	15.0	11.7	13.6	12.6	12.8	74	63	70	69	6.0	8.6	--	—	0.4	0.4	3.0	00 0	16 1	00 0
28	18.8	24.2	20.2	20.8	25.2	17.0	15.2	15.0	14.8	12.7	14.2	92	65	72	76	6.0	4.1	—	—	—	—	1.6	00 0	00 0	00 0
29	20.4	23.4	20.4	21.1	25.0	16.2	15.2	14.5	15.8	13.4	14.6	80	73	64	72	6.0	4.4	—	7.4	—	7.4	1.7	00 0	00 0	00 0
30	18.6	23.8	20.0	20.6	25.0	17.0	15.2	14.0	14.7	14.9	14.5	88	66	85	80	4.0	8.0	—	0.2	0.4	0.6	1.6	00 0	00 0	00 0
31																									
MED.	18.6	22.6	19.6	20.1	23.6	16.9	15.9	14.5	14.3	13.9	14.2	91	70	81	81	7.1	4.0	9.2	5.0	0.6	14.9	1.5	— -	— -	— -

Total 446.0 m.m.

ESTACION Dolores MES Diciembre AÑO 1963 φ = 30 32 N λ = 70 52 W.GR - ALTURA 1.590 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.6	22.8	19.4	20.0	23.8	17.0	15.2	14.8	15.5	14.0	14.8	93	75	83	84	4.7	4.6	—	2.2	—	2.2	1.4	00 0	00 0	00 0
2	19.2	23.2	20.8	21.0	24.2	16.2	15.2	15.1	16.0	13.3	14.8	91	74	72	79	4.7	7.9	—	0.5	—	0.6	1.0	00 0	00 0	00 0
3	18.8	22.4	19.8	20.2	23.2	17.2	16.2	14.7	16.1	15.1	15.3	91	80	88	86	6.0	4.4	0.1	--	—	3.4	0.6	00 0	02 1	00 0
4	19.0	23.8	19.6	20.5	24.2	17.2	16.2	15.1	16.8	13.7	15.2	91	76	80	82	6.7	3.7	3.4	0.3	—	3.4	1.1	00 0	00 0	00 0
5	19.4	25.4	22.2	22.3	25.6	17.2	16.2	15.3	13.5	12.3	13.7	91	55	61	69	4.7	7.9	3.1	—	—	—	2.9	00 0	00 0	12 1
6	20.4	24.4	21.4	21.9	26.2	18.2	16.2	12.3	11.5	11.5	11.8	68	50	60	59	7.3	8.8	—	—	—	0.3	4.9	00 0	06 1	08 1
7	20.8	23.8	20.2	21.7	25.2	19.0	17.2	12.1	11.1	11.4	11.5	66	50	64	60	4.7	6.0	0.3	—	—	—	3.5	00 0	06 1	00 0
8	20.6	25.4	22.6	22.8	26.2	18.2	17.0	13.2	12.4	12.6	12.7	73	51	61	62	6.7	8.7	—	—	—	0.3	4.1	00 0	00 0	00 0
9	19.2	21.4	20.6	20.4	26.2	18.0	17.4	14.4	14.2	13.6	14.1	87	74	74	78	6.0	4.8	0.3	0.4	0.2	0.6	1.9	00 0	00 0	04 1
10	19.2	27.0	22.6	22.8	27.5	18.0	16.0	12.6	12.6	13.0	12.7	76	47	63	62	4.0	9.2	—	—	—	—	4.3	00 0	08 1	00 0
11	21.2	23.8	20.2	21.3	25.2	18.4	17.0	14.4	15.9	13.8	14.7	76	72	78	75	5.3	2.7	—	—	—	—	2.4	00 0	00 0	00 0
12	20.2	25.6	22.0	22.4	26.6	18.4	17.2	15.1	14.5	12.8	14.1	85	58	65	69	6.7	3.7	—	—	—	—	2.4	00 0	00 0	00 0
13	20.4	25.2	21.4	22.1	26.0	17.2	16.2	12.6	14.4	11.6	12.8	70	60	60	63	6.7	7.0	—	—	—	—	2.4	00 0	00 0	00 0
14	18.4	27.6	22.4	22.7	28.0	17.0	15.0	12.8	13.9	10.9	12.5	61	50	53	61	4.0	10.1	—	—	—	—	4.1	00 0	00 0	00 0
15	18.4	27.2	22.2	22.5	27.9	17.0	15.0	11.8	11.8	12.6	12.1	74	43	64	60	0.6	10.0	—	—	—	—	5.8	00 0	00 0	00 0
16	20.8	25.4	21.4	22.2	25.9	17.0	15.2	15.2	12.3	10.8	12.7	83	50	56	63	5.3	9.8	—	—	—	—	2.1	00 0	00 0	00 0
17	19.9	22.6	20.8	21.3	23.2	17.4	15.4	11.4	15.6	16.0	14.3	66	76	87	76	8.0	2.5	—	—	—	—	2.0	00 0	00 0	00 0
18	19.4	24.8	20.2	21.1	26.0	16.6	17.0	15.5	15.2	12.8	14.5	91	65	73	76	6.0	7.8	—	—	—	—	1.2	00 0	00 0	00 0
19	19.6	23.2	20.4	20.9	24.0	18.0	17.0	14.9	16.0	14.2	15.0	88	75	79	81	6.0	2.3	—	—	—	—	2.0	00 0	00 0	00 0
20	20.0	24.4	22.4	22.3	26.4	17.2	16.4	14.9	12.6	11.1	12.7	83	95	54	64	2.7	7.5	—	—	—	—	1.6	00 0	00 0	08 1
21	18.0	28.9	22.4	22.9	29.0	17.0	15.0	12.9	10.4	11.4	11.6	83	35	56	58	1.3	10.1	—	—	—	—	4.6	00 0	00 0	00 0
22	20.2	21.2	20.6	20.6	22.2	18.0	17.0	15.1	15.1	14.7	15.0	85	80	81	82	7.3	0.1	—	1.3	—	1.3	1.3	00 0	00 0	00 0
23	20.4	26.4	21.8	22.3	27.2	18.6	17.0	13.5	12.0	12.8	12.8	75	46	65	62	6.0	7.4	—	—	—	—	4.1	00 0	00 0	00 0
24	20.0	26.2	22.6	22.8	27.0	18.6	17.2	13.1	11.1	11.6	11.9	75	43	56	58	4.0	9.8	—	—	—	—	5.1	00 0	00 0	00 0
25	20.6	26.4	21.8	22.4	27.2	18.2	17.2	14.5	15.7	16.6	15.6	80	60	84	75	7.3	6.1	—	—	—	20.4	0.6	00 0	00 0	00 0
26	19.2	25.4	20.4	21.8	26.2	18.6	17.2	16.4	15.9	16.5	16.3	98	65	92	85	6.7	6.3	20.4	2.4	—	38.3	2.5	00 0	00 0	00 0
27	18.4	24.2	20.4	20.8	26.0	18.0	17.4	14.2	14.8	15.3	14.8	90	65	85	80	6.7	5.3	35.9	0.2	—	3.0	1.2	00 0	00 0	00 0
28	20.0	25.0	21.5	22.0	26.2	18.0	17.0	15.8	15.4	11.6	14.3	90	65	60	72	8.0	6.0	2.8	—	—	0.6	1.6	00 0	00 0	00 0
29	19.2	23.3	21.0	21.1	24.8	18.4	17.2	15.1	13.8	14.0	14.3	89	65	74	76	8.0	4.8	0.6	0.1	—	39.4	0.3	00 0	00 0	00 0
30	18.2	22.4	21.2	20.7	23.2	17.0	16.0	14.2	12.8	13.7	13.6	91	63	74	76	7.3	1.7	39.3	25.3	—	25.5	2.1	00 0	00 0	00 0
31	19.9	23.8	21.6	21.7	25.8	18.0	17.2	15.6	15.6	16.4	15.9	90	70	85	82	6.0	5.8	0.2	—	—	11.2	1.4	00 0	00 0	00 0
MED.	19.6	24.6	21.2	21.7	25.7	17.8	16.4	14.1	14.0	13.3	13.8	83	61	71	72	5.6	6.2	3.4	1.0	—	4.8	2.4	--	--	--

Total 150.5 m.m.

ESTACION: DOLORES — RESUMEN MENSUAL Y ANUAL — AÑO 1.963

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS							Humedad					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
							Max. Min.	Max.		Min		Min					Max.	Min	Med.								Días		
	Med.	Max. D.	Min. D.	7	14	20	Med	Med	Med	Abs.	D.	Abs.	D.	Sue.	7	14	20	Med	Abs.	Abs.	Abs.	Med.	Med.	Solar	ción	7	14	20	Suma	lluv.	Max.	D.
Enero																															
Febro																															
Marzo																															
Abril				(17.9	22.7	19.2	19.7	23.8	16.4	26.3	15	14.6	29	15.4	90	67	80	79	46	17.2	10.4	13.7	6.4	4.8	2.0	172.0	38.9	36.1	217.8	22	46.0	11)
Mayo				18.8	23.5	20.0	20.5	26.9	17.1	28.0	23	15.0	9	16.1	84	62	75	74	43	16.1	9.6	13.3		5.4	2.9	210.7	26.2	32.8	242.9	19	67.2	1
Junio				19.5	24.2	20.6	21.2	25.6	17.8	27.6	5	15.0	18	16.6	71	55	62	63	36	15.7	8.5	11.8		6.5	4.8	31.1	23.5	14.6	74.1	18	9.4	14
Julio				19.3	24.4	20.8	21.3	26.0	17.5	28.8	7	15.2	23	16.3	71	50	58	60	30	16.6	8.0	11.3		6.6	5.2	14.4	2.7	15.9	33.1	10	12.8	15
Ansto				19.4	24.8	21.1	21.6	26.0	17.8	29.0	29	15.0	V	16.6	74	50	58	61	32	15.2	8.0	11.7	5.9	6.3	5.7	15.2	3.3	8.6	27.1	18	4.7	7
Spbre				20.3	25.4	22.3	22.6	27.1	18.4	29.6	13	17.0	V	16.8	73	50	55	59	33	15.8	9.0	12.0	5.3	5.9	6.1	3.4	19.9	4.5	27.8	9	8.2	23
Ocbre				19.7	25.4	21.8	22.2	26.8	17.9	30.2	21	16.0	3	16.6	79	53	60	64	33	16.3	8.3	12.5	5.1	5.9	4.8	117.3	33.3	2.4	153.0	14	63.0	27
Nvbre				18.6	22.6	19.6	20.1	23.6	16.9	26.3	21	16.0	V	15.9	91	70	81	81	48	16.4	9.3	14.2	7.1	4.0	1.5	277.5	151.6	16.9	446.0	22	85.7	5
Dcbre				19.6	24.8	21.2	21.7	25.7	17.8	29.0	21	16.2	2	16.4	83	61	71	72	35	16.8	10.4	13.8	5.6	6.2	2.4	106.4	32.7	0.2	150.5	15	39.4	29
MED. ANUAL				(19.2	24.2	20.7	21.2	25.5	17.5	28.3	—	15.6	—	16.3	79	58	64	67	35	16.2	9.0	12.7	5.9	5.7	3.9	94.2	36.7	14.7	151.9	147	37.4	—)

Precipitación total : 1.367.3

Precipitación máxima : 85.7 - 5 - XI

Días lluviosos : 147

ESTACION: DOLORES — FRECUENCIA DE PRECIPITACION Y TEMPERATURAS — AÑO 1,963

MESES	PRECIPITACION																							TEMPERATURAS			
	7 horas más de					14 horas más de					20 horas más de					Total más de							Min. abajo de 16 ºC	Min. arriba de 18ºC	Max. abajo de 23ºC	Max. arriba de 27ºC
	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0				
Enero																										
Febro																										
Marzo																										
Abril	13	12	4	4	1	13	10	1	—	—	4	3	1	1	—	22	21	15	11	6	5	—	(9	—	6	—)
Mayo	15	11	5	4	2	10	6	—	—	—	11	6	1	—	—	19	15	11	9	7	3	2	8	9	6	2
Junio	9	5	—	—	—	5	4	—	—	—	8	6	—	—	—	18	13	10	6	—	—	—	3	18	1	4
Julio	4	4	—	—	—	1	1	—	—	—	7	4	1	—	—	10	7	3	1	1	—	—	2	13	3	10
Agsto	11	5	—	—	—	5	2	—	—	—	5	4	—	—	—	18	8	5	—	—	—	—	5	18	5	13
Spbre	3	2	—	—	—	5	3	—	—	—	2	1	—	—	—	9	6	4	2	—	—	—	—	24	1	19
Ocbre	9	5	3	2	1	10	4	2	—	—	2	1	—	—	—	14	12	7	6	5	2	1	1	17	3	18
Nvbre	16	14	7	6	1	17	16	6	2	—	10	4	—	—	—	22	18	15	15	11	7	3	5	3	11	—
Dcbre	11	6	3	3	—	9	4	1	1	—	1	—	—	—	—	15	10	8	5	5	4	—	—	18	1	7
SUMA ANUAL	91	64	22	19	5	75	50	10	3	—	50	29	3	1	—	147	110	78	55	35	21	6	(33	120	37	73)

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero																									
Febro																									
Marzo																									
Abril	(6	6	6	7	6	6	5	4	4	4	3	4	3	2	1	3	—	1	—	—	1	1	2	3	14)
Mayo	3	6	6	7	7	6	6	5	4	2	5	2	1	1	3	2	4	2	3	5	5	5	4	4	21
Junio	3	3	2	1	1	2	2	2	2	1	1	1	1	2	1	4	2	3	4	4	2	3	3	3	16
Julio	2	2	3	3	1	—	—	1	1	—	—	—	1	—	3	2	3	3	2	1	—	—	—	—	10
Agsto	2	3	5	3	2	4	4	—	1	1	—	3	1	—	2	1	3	—	—	1	2	3	1	2	17
Spbre	1	2	2	—	1	—	—	—	1	1	2	1	3	1	1	1	—	—	—	—	—	2	1	—	9
Ocbre	4	5	5	3	4	5	5	5	3	3	1	3	1	2	2	1	1	—	—	—	—	1	—	3	15
Nvbre	4	5	7	11	11	11	8	12	10	10	8	6	6	4	3	3	4	4	2	3	4	4	5	7	23
Dcbre	—	2	4	4	4	5	3	4	3	1	2	3	2	3	1	—	—	-	—	—	1	2	2	2	14
SUMA ANUAL	(25	34	40	39	37	39	33	33	29	23	22	23	19	15	17	17	17	13	11	14	15	21	18	24	139)

ESTACION **DOLORES** FRECUENCIA DE NUBOSIDAD - BRILLO SOLAR Y VIENTOS AÑO 1963

MESES	NUROSIDAD en décimos		BRILLO SOLAR		NUMERO DE DIAS CON: VIENTOS																															
					7 horas									14 horas									20 horas													
	Bajo 3.0	Más 8.0	Bajo 0.9	Mas 9.0	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C						
Enero																																				
Febro																																				
Marzo																																				
Abril	(—	6	—	3	—	9	4	—	3	—	—	—	5	9	2	1	—	6	2	—	1	—	1	3	8	3	2	—	1	—	3	)					
Mayo			2	3	1	3	1	2	8	—	—	—	16	10	2	—	2	13	--	3	--	1	1	7	4	5	10	—	3	—	1						
Junio			1	6	—	1	2	4	10	—	—	—	13	3	1	2	4	13	1	5	—	1	1	1	5	9	11	—	1	—	2						
Julio			—	6	1	1	—	7	10	1	—	—	11	2	1	—	9	15	—	1	—	3	—	—	—	9	18	—	2	—	2						
Agsto	2	5	1	3	—	—	—	6	6	—	—	—	19	1	1	1	7	13	2	2	—	4	—	—	—	19	2	—	4	—	6						
Spbre	—	—	—	1	1	2	—	4	1	—	—	—	22	2	—	1	5	11	—	5	—	6	2	--	1	12	4	--	4	—	7						
Ocbre	6	4	2	6	—	1	—	—	1	—	—	—	29	—	—	1	1	6	—	3	—	20	--	1	1	5	5	—	1	—	18						
Nvbre	—	14	7	2	1	—	—	—	—	—	—	—	29	1	—	—	—	1	—	1	—	27	—	—	—	1	—	—	—	—	29						
Dcbre	3	3	1	6	—	—	—	—	—	—	—	—	31	—	1	—	2	1	—	—	—	27	--	--	1	—	2	--	1	—	27						
SUMA ANUAL	(11	32	14	36	4	17	7	23	39	1	—	—	175	28	8	6	30	79	5	20	1	89	5	12	20	63	54	—	17	—	95	)					

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero																								
Febro																								
Marzo																								
Abril	(—	1	2	3	5	4	6	5	5	6	5	—	21	15	9	7	5	2	6	4	3	7	9	11)
Mayo	—	2	3	5	6	10	13	12	5	10	11	—	29	19	15	11	7	7	7	4	3	3	7	11
Junio	—	3	7	11	14	13	11	13	14	10	8	—	22	8	7	4	1	2	6	1	3	5	4	13
Julio	—	6	12	12	9	15	14	14	9	5	4	—	18	6	4	3	2	--	--	5	5	6	13	19
Agsto	—	5	7	10	13	13	12	11	6	7	12	—	21	16	6	3	2	5	5	4	4	3	4	13
Spbre	—	5	12	12	13	10	9	5	6	4	3	—	25	9	5	4	3	2	4	5	3	4	7	18
Ocbre	—	—	11	9	12	12	13	12	12	11	9	—	30	12	10	8	6	5	5	5	3	4	7	18
Nvbre	—	—	2	3	3	4	5	7	7	7	7	—	30	20	18	16	14	9	8	8	7	12	11	17
Dcbre	—	—	9	10	8	6	8	14	13	15	16	—	31	14	12	8	5	6	3	5	2	2	3	10
SUMA ANUAL	(—	22	66	75	83	87	91	93	87	75	75	—	227	119	86	66	45	37	44	42	33	46	65	130)

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: DOLORES — DE LA PRECIPITACION — AÑO: 1.963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max 5/m.	Int. Max 1/m.	h:min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero																				
Febro																				
Marzo																				
Abril	217.6	22	18	23	41	51.4	137.2	14:50'	44:00'	58:50'	36.0	1:40'	0.36	10.4	2.1	7:30'	9.8	0.02	2.3	0.4
Mayo	242.9	19	27	22	49	104.2	138.7	30:55'	32:15'	63:10'	66.2	2:30'	0.44	8.0	1.6	7:00'	49.6	0.11	8.3	1.6
Junio	74.1	18	12	14	26	32.7	41.4	22:20'	14:35'	36:55'	9.4	3:50'	0.04	0.9	0.2	3:50'	9.4	0.04	0.9	0.2
Julio	28.1	10	12	4	16	18.6	9.5	9:45'	3:00'	12:45'	10.1	2:50'	0.05	1.2	0.2	2:50'	10.1	0.05	1.2	0.2
Agsto	27.1	18	10	20	30	14.5	12.6	9:05'	15:10'	24:15'	4.7	3:25'	0.02	0.5	0.1	3:25'	4.7	0.02	0.5	0.1
Spbre	27.8	9	8	5	13	25.2	2.6	7:00'	3:55'	10:55'	8.2	0.55'	0.14	3.0	0.6	2:05'	1.7	0.01	0.4	0..
Ocbre	153.0	14	9	16	25	20.5	132.5	7:00'	34:05'	41:05'	75.0	8:35'	0.14	10.4	2.1	8:35'	75.0	0.14	10.4	2.1
Nvbre	446.0	22	34	25	59	143.1	302.9	35:20'	78:05'	113.:25'	67.1	4:15'	0.26	8.5	1.7	8:50'	13.0	0.02	1.5	0.3
Dcbre	150.5	15	10	19	29	9.5	141.0	7:20'	20:40'	28:00'	33.4	3:50'	0.14	4.5	0.9	3:50'	33.4	0.14	4.5	0.9
TOTALES	1367.3	147	140	148	288	419.7	918.4	43:35'	245:45'	389:20'	310.1	31:50'	XX	XX	XX	47:55'	206.7	XX	XX	XX

ESTACION Gigante MES Enero AÑO 19 63 φ = 2º 21' N λ = 75º 31' W.GR - ALTURA 1.500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.5	23.8	19.2	19.9	25.0	16.5	15.3	13.4	16.6	14.4	14.8	90	75	87	84		6.5	0.1	—	—	9.7	1.0	10 2	06 2	10 2
2	17.4	24.6	19.2	20.1	25.2	15.5	14.8	13.3	12.8	14.2	13.4	90	56	86	77		3.3	9.7	—	—	6.6	1.3	06 2	00 0	10 2
3	17.4	22.6	18.0	19.0	23.0	16.0	14.5	14.6	13.6	15.2	14.5	98	66	98	87		2.8	6.6	0.5	—	0.5	1.5	06 1	10 1	10 1
4	18.8	23.8	20.0	20.7	25.0	16.0	14.9	14.6	15.4	14.2	14.7	90	68	81	80		4.4	—	—	—	4.3	1.4	00 0	00 0	06 1
5	16.4	24.2	17.6	18.9	25.0	15.0	14.2	13.1	10.1	13.1	12.1	93	45	87	75		7.9	4.3	—	—	—	2.6	06 2	14 2	06 2
6	15.4	25.0	19.4	19.8	26.5	14.9	13.8	11.1	13.1	14.7	13.0	85	56	88	76		9.0	—	—	—	—	2.2	06 2	00 0	00 0
7	17.2	25.0	19.8	20.4	25.5	15.0	14.1	14.1	15.6	16.0	15.2	96	66	93	85		9.4	—	—	1.8	1.8	2.8	06 2	16 1	06 3
8	17.2	21.2	18.2	18.7	22.5	16.8	16.0	14.4	16.6	15.1	15.4	98	88	96	94		3.4	—	1.7	1.2	2.9	1.5	02 1	16 2	00 0
9	17.0	21.0	19.2	19.1	22.0	16.6	15.3	14.2	15.6	16.1	15.3	98	84	96	93		1.6	—	1.2	0.2	1.4	1.0	06 1	06 2	10 3
10	17.6	20.4	18.0	18.5	21.6	16.1	15.2	14.5	16.0	15.2	15.2	96	90	88	95		3.7	—	2.5	0.1	3.1	1.5	06 1	00 0	06 1
11	17.0	20.4	18.2	18.4	21.9	15.8	15.0	15.7	13.7	15.4	14.3	95	76	98	90		3.8	0.5	0.1	0.6	0.7	1.0	06 1	16 2	10 2
12	17.0	21.2	17.8	18.4	21.5	15.5	14.0	14.2	15.3	12.8	14.1	98	81	84	88		2.5	—	0.1	—	0.3	1.4	10 2	00 0	06 3
13	17.0	21.6	18.4	18.8	23.0	16.0	15.5	14.2	15.7	14.2	14.7	98	81	90	90		—	0.2	3.0	—	10.9	1.2	06 2	02 1	06 1
14	17.4	19.6	18.6	18.6	22.0	15.5	14.8	12.9	15.4	15.2	14.5	87	90	94	90		2.1	7.9	3.0	—	12.8	1.0	02 2	14 1	10 2
15	16.6	22.0	18.2	18.8	23.0	15.8	16.6	13.9	17.0	15.4	15.4	98	86	98	94		5.9	9.8	10.1	—	10.1	1.2	06 3	06 1	06 2
16	17.0	23.0	18.0	19.0	23.5	15.5	14.3	14.2	15.8	14.9	15.0	98	75	96	90		5.9	—	—	—	—	2.0	16 1	14 3	10 2
17	17.4	22.8	18.0	19.0	24.0	16.6	15.3	14.2	11.6	12.7	12.8	96	55	82	78		9.5	—	—	—	—	2.5	16 1	16 2	10 2
18	16.4	22.2	18.2	18.8	23.0	15.0	14.0	12.2	13.4	13.7	13.1	87	86	88	80		7.3	—	—	—	—	2.0	00 0	14 3	00 0
19	17.0	21.2	19.0	19.0	22.0	16.3	15.8	13.2	11.6	13.3	12.7	91	61	81	78		5.7	—	—	—	—	1.5	00 0	10 3	10 2
20	17.0	21.5	19.6	19.4	23.0	16.0	15.1	13.1	12.0	12.3	12.5	90	62	72	75		8.6	—	—	—	—	2.5	02 1	10 2	06 2
21	17.8	22.0	19.0	19.4	23.0	15.3	14.4	13.4	13.8	13.6	13.6	88	70	82	80		6.8	—	—	—	—	1.5	02 1	00 0	06 2
22	17.0	21.0	18.2	18.6	22.5	15.9	15.0	12.6	13.0	11.1	12.2	87	70	71	76		4.0	—	—	—	—	1.5	02 1	14 2	06 1
23	16.0	25.0	18.0	19.2	25.5	15.0	14.3	11.9	11.1	11.6	11.5	87	47	75	70		8.8	—	—	—	—	1.5	06 2	06 2	10 3
24	16.8	25.4	19.2	20.1	26.2	15.5	14.2	12.0	9.8	12.2	11.3	84	40	73	66		9.2	—	—	—	—	3.5	06 1	14 1	06 2
25	16.2	21.0	18.0	18.3	22.6	15.4	14.3	12.4	14.3	14.1	13.6	90	77	92	86		6.9	—	—	—	1.4	2.0	06 2	14 2	06 2
26	17.2	22.0	18.8	19.2	23.0	16.6	15.5	14.1	13.8	13.7	13.9	96	70	85	84		0.3	1.4	0.7	—	28.8	1.6	06 1	02 2	06 3
27	16.6	21.2	17.2	18.0	21.6	16.1	14.2	13.9	14.5	14.4	14.3	98	77	98	91		8.9	28.1	1.5	9.5	16.4	2.5	06 2	16 1	06 2
28	16.4	18.0	18.0	17.6	22.0	15.5	14.3	13.7	14.1	14.0	13.9	98	92	91	94		1.8	5.4	0.1	1.0	1.1	2.0	06 1	06 2	08 3
29	16.5	23.2	18.8	19.3	25.5	14.5	13.0	13.2	14.2	13.1	13.5	93	66	80	80		7.5	—	—	—	0.9	1.0	00 0	02 3	00 0
30	17.0	23.4	18.2	19.2	24.0	15.5	14.8	13.2	13.2	12.6	13.0	91	61	81	78		4.9	0.9	—	—	—	2.0	06 1	16 2	00 0
31	17.4	23.4	18.0	19.2	24.5	15.0	14.0	14.2	13.2	11.2	12.9	96	61	73	75		9.1	—	—	1.0	1.0	1.5	06 1	16 2	00 0
MED.	17.0	22.3	18.5	19.1	23.5	15.7	14.7	13.5	13.9	13.9	13.8	93	70	87	83		5.4	2.4	0.8	0.5	3.7	1.7	— —	— —	— —

Total 114.7 m.m.

ESTACION Gigante MES Febrero AÑO 19 63 φ = 20° 21' N λ = 75° 31' W.GR - ALTURA 1.500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.4	24.0	20.0	20.3	25.5	16.0	15.0	14.4	10.0	12.2	12.2	96	45	70	70	9.3	8.6	—	—	—	8.7	2.0	00 0	00 0	08 1
2	17.0	17.9	16.6	17.0	19.0	16.5	15.5	14.2	14.2	10.5	13.0	98	93	74	88	9.3	—	8.7	—	—	—	0.5	06 1	00 0	06 2
3	16.4	22.8	17.6	18.6	24.5	14.8	13.9	12.3	12.9	12.1	12.4	87	62	80	76	7.7	6.7	—	—	1.5	1.5	2.0	00 0	02 1	06 2
4	17.7	19.0	17.9	18.1	19.5	15.8	14.8	13.7	13.7	13.0	13.5	90	82	85	86	10.0	0.2	—	6.2	0.3	6.5	1.0	02 1	08 1	16 2
5	15.6	23.0	19.0	19.2	24.0	14.7	14.2	13.1	14.8	15.2	14.4	97	70	93	87	8.3	3.3	—	—	—	—	0.4	04 2	06 2	06 1
6	17.4	19.2	17.0	17.6	20.0	16.5	15.5	13.2	13.8	11.6	12.9	89	83	80	84	9.0	0.3	—	2.0	—	2.3	1.4	02 1	16 1	10 .
7	15.4	21.4	17.4	17.9	22.0	15.0	13.8	12.3	14.0	14.2	13.5	94	73	96	88	6.7	3.9	0.3	—	—	—	1.0	04 2	02 2	10 2
8	17.4	19.0	17.0	17.8	20.4	16.4	15.1	14.2	13.2	11.6	13.0	96	80	80	85	8.3	3.3	—	0.6	0.2	0.8	1.5	06 2	08 1	06 2
9	16.4	21.8	18.4	18.7	23.5	15.8	14.5	13.7	11.8	13.2	12.9	98	60	83	80	8.3	—	—	—	0.1	0.4	2.0	06 1	02 1	04 2
10	16.2	22.8	17.8	18.6	23.0	15.8	14.9	13.0	11.6	12.4	12.3	94	56	82	77	6.3	—	0.3	0.1	—	0.1	1.5	06 1	00 0	06 2
11	16.8	22.8	18.4	19.1	23.5	16.0	14.9	12.9	14.3	14.4	13.9	90	66	91	82	9.3	5.9	—	0.2	—	11.1	1.5	00 0	12 2	06 2
12	15.2	19.0	16.4	16.7	20.4	14.8	14.0	11.7	12.3	11.9	12.0	91	75	85	84	9.3	2.3	10.9	0.4	—	0.4	1.0	08 2	00 0	00 0
13	16.2	23.8	18.4	19.2	24.0	15.5	14.0	13.0	13.3	11.1	12.5	94	60	70	75	6.0	5.0	—	—	—	6.2	2.0	00 0	06 3	06 2
14	17.2	22.8	18.0	19.0	23.5	16.0	14.5	14.4	12.5	11.5	12.8	98	60	74	77	7.7	6.1	6.2	—	—	—	3.0	00 0	06 2	02 1
15	16.4	23.8	19.2	19.5	24.0	15.3	14.0	12.7	9.7	15.1	12.5	91	44	91	75	10.0	9.0	—	—	—	—	2.5	02 1	12 2	10 2
16	16.0	23.0	19.8	19.6	23.5	15.0	14.0	10.3	12.6	13.0	12.0	76	60	75	70	9.3	3.9	—	—	—	—	2.0	06 1	02 1	06 1
17	17.8	22.0	19.8	19.8	23.0	16.0	15.5	13.7	13.4	15.6	14.2	90	66	90	82	9.0	7.4	—	—	—	—	1.4	06 2	02 1	06 2
18	17.4	19.8	19.0	18.8	22.5	16.6	15.4	12.2	12.0	13.9	12.7	82	70	88	79	8.3	5.1	—	14.8	—	28.2	1.5	02 1	06 2	10 2
19	16.4	17.4	15.4	16.1	19.0	16.0	15.5	13.7	14.2	12.6	13.5	98	96	97	97	7.3	—	13.4	25.9	16.8	42.0	1.2	02 1	10 2	06 1
20	15.0	22.3	17.0	17.8	23.5	14.3	13.5	12.3	11.2	13.2	12.2	96	55	91	81	7.3	5.6	—	—	—	—	1.5	00 0	00 0	06 1
21	16.6	19.0	16.8	17.3	20.0	15.9	15.0	13.9	14.1	14.1	14.0	98	86	98	94	6.3	4.5	—	6.0	3.4	9.4	1.5	06 1	10 1	10 2
22	17.0	21.5	17.2	18.2	22.0	15.8	14.7	13.2	14.4	13.9	13.5	91	75	94	87	7.3	1.3	—	0.1	—	0.1	1.5	06 1	10 2	10 2
23	17.2	23.0	17.8	18.9	23.5	15.7	14.5	13.2	12.6	13.7	13.2	90	60	90	80	8.3	6.3	—	—	7.1	7.1	1.5	08 1	14 3	10 2
24	17.2	22.0	18.4	19.0	23.0	16.0	15.0	14.1	13.0	13.9	13.7	96	66	88	83	5.0	0.6	—	—	0.1	0.1	2.5	06 1	14 2	06 1
25	16.0	21.0	18.4	18.4	23.5	15.7	14.6	12.4	15.4	14.4	14.1	91	82	91	88	8.0	3.0	—	5.6	—	5.6	1.3	06 4	14 3	08 1
26	17.4	21.6	18.6	19.0	24.5	16.6	15.3	13.9	13.4	13.4	13.6	93	75	83	82	9.3	2.9	—	—	1.0	1.0	1.5	00 0	16 2	06 1
27	17.4	21.2	17.6	18.4	22.0	16.9	15.0	12.8	13.7	13.6	13.4	86	73	91	83	8.0	3.2	—	0.3	0.8	0.9	0.6	06 1	16 1	08 2
28	17.8	21.9	18.0	18.9	22.5	16.3	14.5	13.2	14.7	13.4	13.8	86	75	87	83	8.3	5.8	—	—	—	—	1.3	00 0	06 2	08 1
29																									
30																									
31																									
MED.	16.7	21.4	18.0	18.5	22.5	15.8	14.7	13.1	13.1	13.2	13.1	92	69	85	82	8.1	3.6	1.4	2.2	1.1	4.7	1.5	— —	— —	— —

Total 132.4 m.m.

ESTACION Gigante MES Marzo AÑO 19 63 φ = 20° 21' N λ = 75° 31' W.GR - ALTURA 1,500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.0	23.0	19.0	19.7	24.5	17.0	15.9	12.2	11.7	12.3	12.1	78	55	75	69	6.7	0.2	--	--	--	--	1.5	06 2	06 2	14 2
2	17.6	25.3	19.8	20.6	25.5	16.1	14.6	12.4	10.7	13.9	12.3	82	45	80	69	9.3	7.8	--	--	--	--	3.0	06 1	14 3	06 3
3	16.6	24.6	18.4	19.5	25.0	15.9	15.0	12.6	12.8	13.9	13.1	89	55	88	77	9.3	0.7	--	--	--	--	2.0	06 1	10 2	06 1
4	17.4	22.0	18.6	19.1	22.5	17.0	15.4	14.4	11.0	13.8	13.1	94	55	86	78	5.3	--	--	0.1	--	0.1	1.7	06 1	10 2	00 0
5	19.2	24.9	19.0	20.5	26.3	18.0	16.5	9.3	9.4	10.4	9.7	55	40	63	53	8.3	9.6	--	--	--	--	3.2	00 0	14 3	06 2
6	16.8	25.6	19.8	20.5	26.6	15.8	14.9	10.8	9.8	10.9	10.5	75	40	63	59	9.3	6.8	--	--	--	--	3.2	06 1	08 2	00 0
7	17.0	26.0	19.4	20.4	26.6	16.0	14.6	11.6	10.0	9.6	10.4	80	40	56	59	7.3	10.3	--	--	--	--	4.1	06 2	00 0	10 3
8	18.0	21.2	18.2	18.9	22.0	17.0	15.6	11.4	14.0	14.3	13.2	73	74	92	80	7.3	8.5	--	2.4	1.6	4.0	1.0	00 0	10 2	12 3
9	18.0	22.0	18.0	19.0	23.0	16.8	15.5	13.1	13.8	12.1	13.0	85	70	77	77	10.0	3.7	--	2.4	3.8	6.2	2.0	10 1	10 2	10 2
10	17.0	20.8	18.0	18.4	22.5	16.0	15.5	10.9	13.8	14.5	13.1	75	75	93	81	5.7	2.1	--	3.2	1.0	11.7	2.0	10 1	06 2	06 1
11	17.0	24.2	19.4	20.0	24.5	16.7	14.7	13.5	13.5	15.6	14.2	93	60	93	82	7.0	4.6	7.5	--	--	--	2.0	10 2	14 2	06 1
12	18.4	23.8	19.8	20.4	24.4	17.2	16.5	13.2	14.6	14.8	14.2	84	65	86	78	6.3	2.2	--	--	1.4	1.4	2.0	06 2	02 1	00 0
13	18.6	23.8	18.6	19.9	24.2	17.9	16.5	13.8	13.3	13.4	13.5	86	60	83	76	6.3	2.7	--	0.1	--	0.1	1.8	02 2	06 1	06 3
14	17.2	19.8	18.2	18.3	20.8	16.8	15.3	14.1	13.9	13.0	13.7	96	80	83	86	10.0	--	--	--	--	--	0.9	00 0	00 0	06 1
15	17.8	24.0	19.7	20.3	25.3	17.0	14.9	12.0	13.5	12.4	12.6	77	60	72	70	7.3	6.8	--	--	--	0.2	2.0	06 1	06 2	06 3
16	18.0	23.0	19.2	19.8	25.0	17.4	16.5	12.1	12.6	13.1	12.6	77	60	78	72	9.3	2.9	0.2	--	4.7	4.7	1.6	06 1	00 0	06 1
17	18.2	23.2	20.6	20.6	24.0	17.6	16.0	14.0	12.8	14.4	13.7	90	60	78	76	8.3	0.3	--	--	--	--	2.4	06 1	00 0	06 1
18	18.8	25.6	20.4	21.3	26.5	17.0	16.0	14.6	12.3	15.0	14.0	90	50	84	75	7.0	3.8	--	--	0.3	0.3	2.4	00 0	06 1	06 2
19	17.8	24.8	20.0	20.6	26.0	17.0	15.0	12.1	11.8	13.4	12.4	79	50	76	68	4.3	5.5	--	--	--	0.1	1.8	06 1	00 0	06 3
20	17.8	25.0	19.8	20.6	25.5	17.0	15.0	15.3	13.4	14.2	14.3	90	56	82	76	7.7	4.6	0.1	--	0.4	0.4	1.8	00 0	16 5	06 2
21	18.0	24.8	20.0	20.7	25.5	17.0	16.6	11.5	11.2	13.1	11.9	74	48	75	66	6.0	4.5	--	--	--	--	2.4	06 1	00 0	06 1
22	18.0	23.2	19.8	20.2	24.8	17.0	16.0	12.7	11.8	14.2	12.9	82	55	83	73	5.3	3.3	--	6.9	--	7.0	2.2	00 0	06 1	06 1
23	18.2	22.2	20.0	20.1	24.0	17.6	16.7	14.3	12.0	14.4	13.6	92	60	93	78	8.7	0.7	0.1	3.7	--	7.2	1.6	00 0	06 1	04 2
24	18.4	22.4	20.0	20.2	23.0	16.6	14.7	13.2	12.1	14.1	13.1	84	60	80	76	8.0	0.3	3.5	0.2	--	18.3	1.0	00 0	00 0	06 2
25	16.8	23.0	19.0	19.4	24.5	15.9	14.5	14.4	14.0	14.8	14.4	100	66	90	85	9.3	3.8	18.1	0.8	--	7.8	0.7	15 1	02 1	06 3
26	17.2	21.0	18.6	18.8	23.0	16.6	15.5	12.7	13.0	14.4	13.4	86	70	90	82	7.0	1.0	7.0	0.5	--	0.5	1.4	00 0	02 1	06 2
27	17.0	23.4	19.4	19.8	24.4	16.6	15.3	14.0	12.9	11.0	12.6	86	60	66	71	6.0	2.7	--	--	--	--	0.8	02 1	00 0	06 3
28	18.1	24.2	19.2	20.2	25.0	17.3	16.5	10.8	12.6	13.8	12.4	70	55	83	69	6.0	3.7	--	--	0.1	0.1	2.2	02 2	08 1	06 2
29	17.2	23.4	17.4	18.8	23.5	16.5	15.5	11.8	10.8	14.0	12.2	80	50	94	75	10.0	2.9	--	1.5	2.0	3.8	1.5	06 2	14 1	10 2
30	16.6	21.6	19.0	19.0	22.6	15.6	14.8	12.9	12.7	13.3	13.0	91	66	81	79	8.7	2.7	0.3	--	0.6	0.6	2.0	02 1	00 0	06 1
31	17.0	24.0	19.2	19.8	24.5	16.7	15.0	12.5	13.5	14.4	13.5	86	60	87	78	9.3	4.1	--	--	--	--	1.4	06 1	06 2	10 2
MED.	17.7	23.4	19.2	19.9	24.4	16.8	15.5	12.7	12.4	13.4	12.8	83	58	81	74	7.6	3.6	1.2	0.7	0.5	2.4	1.9	--	--	--

Total 74.5 m.m.

ESTACION Gigante MES Abril AÑO 1963 φ = 29° 21' N λ = 75° 31' W.GR - ALTURA 1.500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.0	23.8	19.2	19.8	24.0	15.9	14.5	13.2	13.3	13.2	13.2	91	60	79	77	8.3	4.0	—	—	2.0	2.0	1.2	06 1	16 2	06 1
2	18.8	22.6	18.1	19.4	23.0	16.0	14.9	13.2	11.4	14.0	12.9	81	55	90	75	6.7	1.8	—	—	0.6	0.6	1.2	06 1	06 1	00 0
3	17.4	22.8	19.6	19.8	24.0	16.0	15.0	12.5	13.8	14.8	13.7	84	66	87	79	8.3	3.8	—	—	—	—	1.5	06 2	02 2	10 2
4	18.0	18.2	17.0	17.5	20.0	17.0	15.5	13.6	12.6	13.4	13.2	88	90	92	87	6.3	2.5	—	15.8	0.1	15.9	1.0	06 1	16 2	06 1
5	16.8	21.0	18.8	18.8	23.0	16.0	15.5	13.4	14.3	14.7	14.1	93	77	91	87	9.7	5.2	—	—	—	4.1	1.0	02 1	14 2	00 0
6	16.6	22.0	18.0	18.6	23.8	15.5	14.5	13.3	13.8	12.5	13.2	94	70	81	82	7.3	4.1	4.1	—	—	—	1.0	06 1	16 1	10 1
7	18.0	18.4	17.2	17.7	19.5	15.8	14.7	14.1	13.5	14.4	14.0	92	85	98	92	10.0	—	—	10.3	—	10.3	0.5	00 0	06 3	00 0
8	16.8	23.2	19.3	19.6	23.5	16.0	15.0	13.5	15.4	15.0	14.6	94	72	90	85	6.3	6.7	—	0.1	—	0.1	1.0	12 1	10 2	06 1
9	16.4	23.0	20.0	19.8	24.5	16.0	15.0	11.4	13.2	12.2	12.3	82	64	70	72	10.0	7.4	—	—	—	3.0	2.0	00 0	14 3	02 1
10	17.2	21.0	19.0	19.0	22.0	16.8	15.7	13.7	14.9	14.1	14.2	93	80	86	86	10.0	—	3.0	0.5	—	0.5	0.8	10 2	02 1	00 0
11	17.2	22.4	19.4	18.6	23.0	16.6	15.5	14.4	15.4	14.4	14.7	98	76	86	87	7.3	5.7	—	0.2	—	0.2	1.5	00 0	06 3	06 1
12	17.4	19.0	18.6	18.4	21.4	16.8	15.5	13.9	13.6	14.8	14.1	93	83	93	90	10.0	2.1	—	15.9	0.3	17.2	1.2	02 1	14 1	06 1
13	17.8	22.0	17.5	18.7	23.6	16.8	15.5	14.2	15.4	13.7	14.4	93	80	92	88	10.0	4.5	1.0	—	—	—	0.8	02 1	10 2	00 0
14	17.6	21.0	17.8	18.5	22.0	17.1	16.0	12.4	14.9	13.9	13.7	82	80	92	85	10.0	2.3	—	1.0	—	1.0	1.1	02 1	14 1	06 2
15	16.5	24.6	20.4	20.5	25.6	15.8	14.8	12.4	10.9	12.6	12.0	88	47	70	68	7.7	7.5	—	—	0.3	0.3	2.0	10 2	10 1	06 2
16	18.0	24.0	19.8	20.4	25.2	17.0	16.0	13.4	12.4	13.0	12.9	87	56	75	73	6.3	3.9	—	—	—	—	2.4	06 1	08 2	06 2
17	17.8	21.8	19.0	19.4	22.6	17.0	16.0	13.8	13.6	14.5	14.0	91	70	88	83	9.0	—	—	0.1	—	3.9	1.6	00 0	00 0	06 1
18	17.6	21.0	17.0	18.1	23.0	17.0	15.5	14.0	14.2	13.2	13.8	93	76	91	87	10.0	1.0	3.8	4.6	—	4.6	1.5	06 1	06 3	10 3
19	17.8	25.2	20.4	21.2	26.5	16.5	15.5	12.8	13.3	15.6	13.9	84	52	87	74	6.7	9.4	—	—	—	23.5	3.0	04 1	06 3	04 1
20	16.8	20.6	18.6	18.6	21.6	15.8	15.0	13.5	14.1	14.0	13.9	94	80	87	87	10.0	—	23.5	3.4	0.2	4.8	0.3	06 1	06 3	06 2
21	16.8	22.2	17.8	18.6	23.5	16.0	15.0	13.4	12.0	12.3	12.6	93	60	80	78	8.3	0.5	1.2	—	0.1	0.1	1.5	16 2	06 2	10 2
22	18.6	24.0	18.0	19.6	25.0	16.6	15.5	12.9	11.2	11.6	11.9	80	50	75	68	5.7	5.1	—	—	—	—	2.0	06 1	06 1	00 0
23	18.2	25.0	20.6	21.1	26.5	15.6	14.0	13.1	10.4	15.3	12.9	84	44	85	71	9.0	4.4	—	1.3	—	1.3	1.5	06 1	10 1	06 2
24	18.8	21.6	19.0	19.6	23.5	17.0	15.8	13.4	13.4	14.8	13.9	83	70	90	81	9.3	1.2	—	7.0	0.8	37.8	1.3	06 1	10 2	06 2
25	17.4	22.8	18.2	19.1	23.8	16.9	15.8	13.6	13.8	13.7	13.7	91	66	88	82	9.3	1.6	30.8	—	—	—	0.6	06 2	06 2	10 3
26	18.8	24.6	19.8	20.7	25.0	17.0	15.8	11.7	12.8	12.9	12.8	72	55	74	67	8.0	2.1	—	—	—	—	3.0	06 2	14 2	06 1
27	19.0	22.6	19.6	20.2	23.5	17.4	16.5	12.9	16.8	14.2	14.6	78	81	83	81	9.7	—	—	1.1	0.1	1.2	1.6	06 2	00 0	06 1
28	18.2	20.8	17.6	18.5	22.5	17.4	16.0	14.0	16.1	13.0	14.4	90	88	86	88	10.0	—	—	4.1	0.9	5.0	1.2	06 1	08 1	06 1
29	17.2	22.0	18.0	18.8	23.0	16.7	15.1	12.7	12.8	14.0	13.2	87	65	91	81	8.3	—	—	—	—	—	2.0	04 1	06 1	10 1
30	17.4	22.6	19.4	19.7	23.0	16.0	15.0	14.2	15.0	15.2	14.8	96	72	90	86	9.7	0.9	—	0.7	—	3.2	1.2	06 1	02 1	10 2
31																									
MED.	17.6	22.2	18.8	19.3	23.4	16.5	15.3	13.3	13.6	13.8	13.6	88	68	86	81	8.6	2.9	2.2	2.2	0.2	4.7	1.4	— —	— —	— —

Total 140.6 m.m.

ESTACION Gigante MES Mayo AÑO 19 63 φ = 29° 21' N λ = 75° 31' W.GR - ALTURA 1.500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.2	22.5	18.0	18.9	23.0	16.6	15.5	14.1	16.6	14.1	14.9	96	80	92	89	8.3	3.2	2.5	—	—	0.2	2.0	06 1	10 2	10 2
2	16.2	22.2	19.6	19.9	23.0	17.0	15.0	14.3	15.9	15.5	15.2	92	80	91	88	10.0	2.6	0.2	—	0.5	32.7	1.0	00 0	14 2	02 1
3	17.0	22.6	19.0	19.4	23.5	15.9	14.8	13.7	14.5	13.9	14.0	94	70	85	83	8.7	5.1	32.2	—	—	5.2	1.6	00 0	16 2	06 1
4	18.0	20.2	18.8	18.9	22.5	17.0	15.5	13.4	14.6	13.7	13.9	87	82	85	85	7.2	--	5.2	17.8	0.1	17.9	1.0	00 0	00 0	06 1
5	20.0	26.4	20.4	21.8	27.5	17.0	14.0	15.8	12.3	14.5	14.2	90	47	80	72	7.7	10.7	—	—	—	—	2.8	10 2	00 0	06 1
6	17.8	21.0	18.4	18.9	22.0	17.0	15.9	12.8	16.7	15.0	14.8	84	90	94	89	9.7	2.8	--	—	0.1	0.2	2.0	04 1	06 2	10 1
7	18.0	24.8	19.0	20.2	25.0	17.0	15.9	13.0	12.3	12.2	12.5	94	52	73	70	7.7	9.2	0.1	—	--	—	2.5	00 0	06 2	06 1
8	17.8	26.2	19.8	20.4	26.6	16.0	14.9	12.0	12.0	12.0	12.0	77	46	73	65	7.7	9.1	--	—	--	—	2.0	06 2	14 2	06 3
9	18.0	23.0	18.0	19.2	23.5	16.0	14.8	14.1	15.5	14.1	14.6	92	73	92	86	9.3	9.3	—	—	—	—	2.5	02 1	16 2	10 2
10	17.0	19.8	18.0	18.2	20.3	16.5	14.0	13.2	14.8	13.8	13.9	91	86	90	89	9.7	—	--	1.6	—	1.7	1.6	00 0	00 0	06 1
11	17.2	23.0	19.8	19.9	24.0	16.0	14.5	13.7	14.6	14.7	14.3	93	68	85	82	6.0	9.9	0.1	—	—	44.5	2.0	00 0	00 0	06 2
12	17.2	20.4	18.4	18.6	21.0	16.5	16.0	13.0	14.5	14.4	14.0	89	90	91	97	0.0	0.6	44.5	6.8	2.0	9.0	0.6	30 0	06 2	00 0
13	18.6	23.2	19.0	19.9	24.5	16.3	14.5	13.8	12.8	13.9	13.5	86	60	85	77	0.7	2.7	0.2	—	1.0	7.2	1.0	06 1	14 1	06 3
14	17.4	23.2	19.0	19.6	24.0	16.6	16.0	13.9	15.0	14.1	14.3	93	70	88	84	10.0	3.9	6.2	0.9	4.1	37.2	1.4	06 1	14 1	10 1
15	17.0	19.4	17.4	17.8	22.0	16.5	14.5	14.0	13.5	11.9	13.1	96	80	80	85	6.3	2.5	32.2	1.5	—	1.5	0.6	10 1	00 0	06 1
16	18.2	24.4	19.0	20.1	25.3	16.3	15.1	14.8	11.5	12.9	13.1	94	50	78	74	7.7	10.2	—	—	—	0.1	3.0	06 1	02 2	06 2
17	17.8	23.0	19.0	19.2	24.0	17.0	15.5	12.3	12.6	12.9	12.6	81	60	83	75	7.3	3.6	0.1	3.4	—	3.4	1.5	06 2	08 1	08 2
18	19.2	25.0	18.8	20.4	25.5	15.3	14.9	11.9	14.2	13.1	13.1	72	60	80	71	4.3	8.1	—	—	—	—	2.0	00 0	00 0	06 3
19	17.0	23.2	18.0	19.0	24.0	16.5	15.0	12.9	12.8	12.9	12.9	89	60	83	77	7.0	5.0	—	—	—	—	2.4	06 3	08 1	06 3
20	17.8	22.4	19.0	19.5	23.0	17.0	15.8	13.7	14.6	12.3	13.5	90	64	75	76	8.0	0.6	—	—	—	—	2.0	00 0	10 1	00 0
21	17.8	23.0	18.4	19.4	23.5	16.0	15.0	12.3	13.2	12.8	12.8	80	63	81	75	8.3	2.6	—	0.1	0.4	0.5	1.6	00 0	10 1	06 2
22	19.6	25.0	18.6	20.4	26.0	16.6	15.5	12.3	12.9	12.5	12.6	72	54	78	68	7.3	9.5	—	—	—	—	2.0	06 1	02 2	06 3
23	18.8	26.0	19.4	20.9	26.5	17.2	16.0	13.7	14.3	14.0	14.0	85	57	83	75	7.0	6.3	—	—	—	—	2.5	02 2	00 0	06 2
24	18.0	20.2	18.0	18.5	21.0	17.0	16.0	13.8	14.3	13.7	13.9	90	80	89	86	10.0	0.3	0.2	3.6	12.6	18.1	1.2	00 0	14 3	06 2
25	16.8	18.0	16.8	17.1	20.0	15.0	15.4	14.1	13.8	12.8	13.6	93	90	89	92	10.0	—	1.9	2.5	4.4	6.9	0.8	06 1	06 3	02 3
26	17.4	21.8	16.4	18.0	23.5	16.2	14.8	12.0	13.6	12.0	12.5	81	70	86	79	6.7	3.0	—	—	—	—	1.6	06 1	00 0	08 1
27	17.4	21.0	18.0	18.8	22.0	16.0	15.0	13.3	15.1	13.4	13.9	90	81	86	86	8.7	0.8	—	6.6	0.9	7.5	1.0	06 1	00 0	06 3
28	16.6	24.0	18.0	19.1	25.5	15.0	14.0	12.3	12.4	14.1	12.9	87	56	92	78	8.3	5.1	—	—	—	—	2.0	06 1	06 1	06 2
29	17.2	24.6	18.0	19.4	25.5	16.5	15.5	12.2	13.1	13.4	12.9	82	56	86	75	8.3	6.5	—	--	—	—	2.0	06 2	16 2	06 1
30	17.4	23.6	18.0	19.2	24.0	15.7	14.3	12.5	13.1	13.6	13.1	84	60	88	77	8.3	3.0	—	--	0.2	0.3	2.5	06 1	06 2	00 0
31	17.2	23.0	18.6	19.3	24.0	16.6	15.1	12.7	14.0	14.4	13.7	86	66	90	81	10.0	2.6	0.1	—	—	—	2.0	06 1	10 2	06 1
MED.	17.8	22.8	18.5	19.3	23.7	16.4	15.1	13.3	13.9	13.5	13.6	87	67	85	80	7.8	4.4	4.0	1.4	00.8	6.3	1.7	---	---	---

Total 194.3 m.m.

ESTACION Gigante MES Junio AÑO 1963 φ = 20° 21' N λ = 73° 31' W.GR - ALTURA 1.500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.4	21.0	17.4	18.3	22.0	16.3	15.5	12.8	15.7	13.0	13.8	86	85	88	86	8.0	1.7	—	1.0	0.2	1.2	1.4	06 2	00 0	06 2
2	18.2	22.0	16.2	18.1	22.5	16.7	15.5	13.1	16.6	12.4	12.7	84	83	90	86	6.0	2.0	—	4.2	—	4.2	3.0	06 1	00 0	06 1
3	17.4	24.0	18.0	19.3	25.0	16.0	14.9	12.2	11.2	12.7	12.0	82	50	82	71	9.3	2.9	—	—	—	—	2.0	06 1	02 2	06 1
4	18.4	22.4	20.0	20.2	25.0	17.0	15.6	11.3	13.4	13.4	12.7	71	65	76	71	10.0	2.8	—	—	—	—	2.4	06 1	10 1	00 0
5	18.0	20.2	18.0	18.5	23.0	17.1	15.5	13.4	15.9	14.9	14.9	86	90	96	91	10.0	3.1	—	0.2	0.8	1.4	1.4	06 1	06 1	00 0
6	16.8	21.6	18.0	18.6	22.6	15.6	14.1	12.9	16.0	13.8	14.2	90	83	90	88	10.0	2.2	0.4	—	—	—	1.0	00 0	00 0	06 1
7	17.4	24.8	19.0	20.0	25.3	16.7	15.6	12.5	13.5	13.3	13.1	84	57	81	74	9.0	7.3	—	—	—	—	1.0	00 0	14 3	00 0
8	18.6	21.0	18.8	19.3	22.5	17.0	16.5	13.2	15.4	13.1	13.9	81	83	80	81	9.3	4.7	—	1.4	—	1.4	1.2	08 1	00 0	06 3
9	17.0	21.4	17.6	18.4	24.5	16.3	15.5	13.5	15.8	14.0	14.4	93	83	94	90	10.0	1.7	—	1.3	9.6	12.4	1.8	06 1	06 1	06 1
10	18.4	23.2	18.0	19.4	24.5	17.3	16.0	12.1	11.8	13.4	12.4	76	55	97	73	9.3	5.4	1.5	1.6	5.0	5.6	1.2	08 1	06 2	06 2
11	17.8	20.0	17.2	18.0	22.0	16.0	15.5	13.2	14.1	13.7	13.7	87	80	93	87	10.0	0.2	—	4.4	1.4	8.4	1.0	00 0	10 1	10 1
12	17.0	22.6	17.4	18.6	23.5	16.1	15.0	13.5	15.5	12.2	13.7	93	75	82	83	7.7	1.7	2.6	0.2	—	0.2	1.6	00 0	16 2	06 2
13	17.8	21.4	17.6	18.6	21.6	17.0	15.9	13.7	16.0	13.5	14.4	87	84	90	87	9.0	1.1	—	3.1	17.4	27.1	1.2	00 0	02 3	06 1
14	17.0	21.6	16.4	17.8	23.0	16.1	15.5	13.7	16.0	12.3	14.1	94	83	90	89	9.3	3.0	6.6	2.0	5.3	7.3	1.0	08 1	06 2	10 2
15	17.4	22.0	18.6	19.1	24.5	16.0	15.5	13.2	11.0	13.8	12.7	89	55	86	77	7.7	5.4	—	1.4	1.8	3.2	2.0	00 0	02 1	06 3
16	19.2	25.0	19.0	20.5	26.0	17.5	16.0	13.8	11.9	15.1	13.6	82	50	92	75	7.3	7.0	—	0.1	3.3	19.4	2.0	00 0	02 2	00 0
17	17.2	21.8	17.2	18.3	22.5	16.3	14.9	12.7	14.8	11.8	13.1	86	76	80	81	9.7	5.4	16.0	—	—	—	1.3	06 1	14 1	06 1
18	18.0	23.4	17.8	19.2	24.5	16.7	14.5	12.5	12.9	13.3	12.9	81	60	86	76	7.3	6.7	—	0.2	1.7	2.0	1.5	00 0	08 1	10 1
19	17.4	23.8	18.0	19.3	25.0	16.0	15.0	12.9	12.4	13.1	12.8	87	56	85	76	7.3	9.6	0.1	0.1	—	0.4	2.0	08 1	02 2	06 1
20	16.4	20.8	17.8	18.2	22.0	16.0	15.0	12.0	12.8	12.3	12.4	86	70	81	79	8.3	1.1	0.3	—	—	—	1.6	08 1	10 1	06 1
21	17.0	23.2	17.6	18.8	24.0	16.0	15.0	10.8	10.8	9.0	10.2	74	50	60	61	8.3	3.6	—	—	—	—	3.0	06 2	10 2	08 1
22	16.6	23.2	18.6	19.2	25.0	15.4	14.0	10.0	10.8	11.2	10.7	70	50	70	63	9.0	8.4	—	—	—	—	3.0	06 1	10 2	06 1
23	14.0	22.0	17.6	17.8	22.5	16.3	14.5	9.6	13.8	13.5	12.3	80	70	90	80	6.3	3.8	—	—	—	0.6	2.0	06 2	06 1	00 0
24	16.4	21.4	17.0	17.9	22.5	15.7	14.9	13.1	13.1	12.5	12.9	93	68	96	82	8.3	3.5	0.6	—	0.1	0.1	1.5	06 1	10 1	06 1
25	17.0	23.5	18.4	19.3	24.5	16.0	14.9	13.1	12.1	12.8	12.7	90	56	80	75	8.3	7.1	—	—	0.1	0.1	2.0	08 2	10 2	06 2
26	17.4	24.9	18.8	19.9	25.5	15.9	14.0	12.8	12.3	13.4	12.8	86	52	83	74	5.7	5.9	—	—	0.4	0.4	2.8	00 0	08 1	06 3
27	16.2	24.8	20.2	20.3	25.5	16.0	15.0	11.0	13.2	14.3	12.8	80	56	80	72	6.3	9.3	—	—	1.0	1.0	2.0	06 1	06 1	06 1
28	17.2	23.9	17.0	18.8	25.0	16.9	14.9	12.7	15.8	13.2	13.9	86	71	91	83	7.7	4.1	—	—	—	—	1.8	06 1	00 0	06 1
29	17.8	23.0	18.4	19.4	24.0	17.0	16.0	13.2	14.0	13.9	13.7	86	66	88	80	7.3	3.3	—	—	—	—	1.4	06 1	06 1	06 1
30	18.0	24.0	18.6	19.8	24.5	17.0	15.5	12.7	13.8	14.8	13.8	82	62	93	79	9.3	—	—	5.4	—	6.7	2.0	06 1	06 1	06 2
31																									
MED.	17.4	22.6	18.0	19.0	23.8	16.4	15.2	12.6	13.7	13.1	13.1	84	67	85	79	8.4	4.0	0.9	0.8	1.6	3.4	1.8	— —	— —	— —

Total 103.1 m.m.

ESTACION Gigante MES Julio AÑO 1963 φ = 20 21' N λ = 75 31' W.GR - ALTURA 1.500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.0	22.4	18.8	19.2	23.5	16.0	15.0	13.4	12.1	14.2	13.2	92	60	87	80	8.3	2.8	1.3	—	—	4.8	1.0	06 2	00 0	00 0
2	17.0	19.4	18.6	18.4	21.0	15.4	14.5	13.7	15.2	13.0	14.0	94	90	81	88	7.7	0.4	4.8	5.2	0.2	5.6	1.0	10 2	10 1	08 2
3	16.8	24.2	17.4	18.9	25.0	16.0	13.5	12.9	11.4	13.3	12.5	90	50	90	77	7.0	4.5	0.2	—	—	—	1.6	06 1	08 1	06 1
4	16.8	22.4	17.4	18.5	23.5	15.9	15.0	12.8	13.4	13.3	13.2	89	65	90	81	10.0	3.4	—	—	0.2	0.2	1.4	06 1	10 2	06 1
5	17.0	22.0	18.0	18.7	22.6	16.5	15.3	12.2	11.0	10.8	11.3	82	55	70	69	9.3	7.0	—	—	—	—	1.5	06 1	06 2	08 1
6	18.0	24.8	18.0	19.7	28.6	17.3	16.0	14.1	12.3	12.3	12.9	92	52	79	74	9.3	9.3	—	—	—	—	2.0	06 2	06 2	06 2
7	17.2	28.0	19.2	20.4	27.0	16.5	14.0	13.7	14.3	12.6	13.5	93	57	76	75	8.3	6.3	—	—	—	—	1.8	06 1	00 0	06 1
8	18.2	24.6	19.6	20.6	25.2	17.1	16.0	12.5	13.9	14.6	13.7	79	60	86	75	7.3	5.1	--	—	2.4	2.6	2.0	06 1	00 0	06 1
9	17.2	22.6	18.0	18.9	23.7	16.5	14.9	12.7	13.6	13.4	13.2	86	65	86	79	10.0	2.9	0.2	—	0.3	0.8	2.0	06 1	14 1	04 2
10	17.4	22.9	17.7	18.9	23.0	16.3	15.2	13.0	15.5	14.2	14.2	89	75	93	86	10.0	5.2	0.5	—	10.4	13.0	1.2	06 2	10 2	06 2
11	16.8	23.4	18.0	19.0	24.0	16.0	15.0	12.1	12.0	14.7	12.9	85	56	95	79	9.7	3.8	2.6	—	0.4	1.0	1.6	06 2	14 3	06 1
12	16.6	22.6	18.0	18.8	24.5	15.7	14.5	12.6	11.7	11.8	12.0	89	57	76	74	8.3	5.8	0.6	—	0.2	2.4	2.0	06 1	10 2	00 0
13	17.0	24.0	19.8	20.1	26.0	16.5	15.0	13.1	11.2	12.0	12.1	90	50	70	70	10.0	7.3	2.2	—	—	—	3.0	06 1	14 3	06 3
14	16.2	24.4	19.0	19.6	25.0	15.5	14.6	12.0	12.0	12.3	12.4	87	56	75	73	8.0	6.2	--	—	—	—	3.0	02 1	00 0	06 3
15	18.4	24.0	18.0	19.6	25.0	16.3	15.0	11.7	11.2	13.8	12.2	73	50	90	71	7.0	6.7	—	—	—	—	2.4	06 1	00 0	06 3
16	17.4	19.2	16.0	17.1	21.5	16.1	15.5	11.8	15.0	13.4	13.4	79	90	98	89	9.7	2.7	—	2.5	—	2.6	1.0	06 2	02 2	10-2
17	16.4	22.0	18.0	18.6	24.0	15.9	14.6	12.6	11.9	11.6	12.6	90	60	75	75	8.3	4.1	0.1	0.1	—	0.1	2.5	08 2	10 1	06 1
18	16.6	25.2	19.6	20.2	25.8	15.9	14.8	11.3	12.1	13.7	12.4	80	50	80	70	6.7	4.6	—	—	—	—	1.5	10 2	06 2	06 1
19	17.0	22.0	19.2	19.3	24.0	16.3	15.1	12.3	11.9	13.3	12.5	85	60	80	75	8.0	4.7	—	1.3	—	1.3	3.0	06 1	06 1	00 0
20	17.4	25.4	18.2	19.8	26.0	16.3	14.9	13.6	12.3	11.0	12.3	91	52	70	70	7.3	8.0	—	0.1	—	0.1	2.4	00 0	00 0	06 1
21	18.0	24.5	18.0	19.6	26.3	15.8	15.8	13.4	9.8	14.5	12.6	86	43	93	74	9.3	7.8	—	—	—	5.5	1.5	06 1	10 2	06 1
22	18.2	23.0	16.4	18.5	24.0	16.7	16.0	13.0	14.8	13.2	13.7	83	70	94	82	8.3	6.2	5.5	—	12.9	12.9	1.0	08 2	10 2	00 0
23	15.9	19.8	17.0	17.4	21.0	15.7	14.8	12.1	10.5	11.6	11.4	90	60	80	77	6.7	2.3	—	0.4	—	0.5	2.0	06 1	08 1	06 2
24	16.0	19.8	16.0	16.9	20.5	15.6	14.5	11.7	13.9	11.4	12.3	86	80	84	83	7.0	3.8	0.1	0.9	—	0.9	1.2	06 2	14 1	06 3
25	15.3	20.0	15.6	16.6	21.0	14.0	13.0	11.1	14.1	12.2	12.5	86	80	92	86	7.7	2.9	—	0.2	3.2	3.4	1.4	06 2	10 3	06 1
26	16.4	21.2	16.4	17.6	21.6	15.0	14.1	11.8	11.3	11.1	11.4	85	60	88	75	10.0	0.2	—	—	—	—	1.6	00 0	12 2	00 0
27	16.2	23.0	16.4	18.0	23.3	15.5	14.5	13.3	10.6	12.0	12.0	96	50	86	77	8.0	9.3	—	—	—	—	3.0	06 3	00 0	06 1
28	17.2	22.0	16.4	18.2	24.0	16.4	15.5	12.4	12.6	12.9	12.6	86	60	92	78	7.7	—	—	—	0.5	0.6	1.6	00 0	16 1	06 2
29	17.2	23.6	18.2	19.3	24.5	16.0	14.8	11.8	15.4	13.3	13.5	80	70	85	78	8.3	7.3	0.1	0.1	—	0.1	3.0	06 1	16 2	14 2
30	17.0	22.0	18.6	19.0	23.0	15.8	14.3	13.7	13.8	13.0	13.5	94	70	81	81	7.0	1.7	—	0.2	0.6	1.1	2.5	00 0	12 2	06 2
31	17.0	22.4	17.0	18.3	23.5	16.5	15.0	13.7	13.6	13.5	13.6	94	66	93	84	9.3	3.4	0.3	0.2	4.0	4.2	2.0	06 1	02 2	06 1
MED.	17.0	22.8	17.6	18.8	23.9	16.1	14.9	12.6	12.8	12.8	12.7	87	62	84	78	8.4	4.7	0.6	0.4	1.1	2.1	1.9	--	--	--

Total 63.7 m.m.

ESTACION Gigante MES Agosto AÑO 1963 φ = 20 21' N λ = 75º 31' W.GR - ALTURA 1.500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.9	22.4	19.0	19.3	23.5	16.0	14.5	10.8	12.1	13.2	12.0	75	60	80	72	7.7	0.6	—	0.1	—	0.1	2.9	00 0	10 2	00 0
2	17.0	24.8	19.4	20.1	25.0	16.0	15.5	12.9	13.2	14.4	13.5	89	52	86	76	9.3	6.2	—	—	1.2	2.7	2.8	00 0	06 2	06 2
3	16.4	23.8	19.6	19.8	24.0	15.6	14.0	13.2	13.3	13.9	13.5	94	60	80	78	9.7	4.2	1.5	1.3	—	1.3	1.6	06 2	00 0	06 2
4	16.0	24.0	20.0	20.0	25.5	15.5	14.0	12.3	12.1	12.3	12.2	90	54	71	72	5.3	2.4	—	—	—	12.1	2.5	06 2	16 1	06 3
5	16.0	22.0	18.0	18.5	23.0	15.0	14.0	13.7	13.3	14.7	13.9	100	68	95	88	10.0	7.2	12.1	0.8	2.4	3.3	1.8	06 1	16 1	06 2
6	17.2	19.0	17.8	17.9	20.5	16.0	14.5	13.7	14.6	13.7	14.1	93	90	90	91	10.0	0.6	0.1	1.4	0.5	4.0	3.0	02 1	14 2	06 3
7	16.6	20.2	17.0	17.7	22.0	16.0	14.6	14.0	14.3	14.2	14.2	99	80	98	92	8.0	1.6	2.1	1.0	2.1	3.1	1.0	00 0	00 0	06 1
8	17.2	23.2	17.6	18.9	24.5	16.5	14.9	12.7	12.0	12.1	12.3	86	55	81	74	9.3	5.7	—	—	—	—	2.0	06 1	10 1	06 3
9	16.4	24.2	18.8	19.5	25.5	16.0	19.5	12.5	15.9	13.4	13.9	89	70	83	81	8.3	4.6	—	—	—	—	3.3	00 0	16 3	14 2
10	17.2	20.6	17.3	18.1	22.0	15.6	14.9	12.7	14.5	11.8	13.0	86	80	80	82	9.7	5.7	—	0.3	0.6	0.9	3.4	06 1	06 2	06 2
11	17.0	21.6	18.0	18.6	23.5	16.6	14.9	13.5	14.5	13.1	13.7	93	75	85	84	7.0	3.5	—	1.4	—	1.4	2.0	00 0	06 1	10 2
12	17.4	21.0	19.0	19.1	22.5	16.7	15.4	13.3	13.0	13.9	13.4	90	70	85	82	10.0	8.1	—	0.6	—	0.7	2.5	06 1	10 2	00 0
13	17.4	23.9	18.0	19.3	24.0	17.0	15.5	13.3	13.3	13.6	13.4	90	60	88	79	6.7	3.1	0.1	—	—	3.1	2.0	06 1	10 2	06 1
14	17.4	23.0	18.5	19.3	24.0	16.9	15.5	13.3	12.6	13.5	13.1	90	60	85	78	7.0	4.1	3.1	1.4	—	5.8	1.8	02 2	10 1	06 1
15	16.4	20.6	17.0	17.7	22.0	16.0	15.1	12.5	10.8	13.5	12.3	89	60	93	81	9.7	1.1	4.4	1.5	0.1	4.6	1.6	06 1	00 0	06 1
16	16.0	18.8	17.0	17.2	20.0	15.7	14.8	12.8	13.1	12.0	12.6	94	80	82	85	8.3	2.0	3.0	—	—	—	1.0	04 1	06 1	10 1
17	15.6	21.8	18.4	18.5	22.5	15.2	14.5	13.0	14.7	14.2	14.0	98	75	90	88	10.0	3.0	—	1.5	—	1.5	1.8	10 2	06 1	06 2
18	17.9	23.4	19.5	20.1	24.5	16.0	15.0	12.8	12.4	12.2	12.5	82	58	72	71	9.0	2.5	—	—	—	4.5	1.6	14 1	00 0	06 2
19	17.8	24.8	18.0	19.6	25.3	16.1	15.0	11.7	11.8	13.4	12.3	75	50	86	70	6.0	9.3	4.5	—	—	—	3.0	06 2	08 2	06 1
20	17.8	19.0	17.0	17.7	23.0	16.0	16.1	13.4	14.9	12.5	13.6	86	91	86	88	10.0	3.6	—	2.3	8.3	10.6	1.4	06 1	06 3	00 0
21	17.0	24.6	18.0	19.4	25.0	16.0	14.6	12.5	11.7	13.1	12.4	86	50	85	74	8.0	5.3	—	0.7	0.4	1.1	1.5	04 1	14 2	06 2
22	18.2	24.0	18.4	19.7	25.0	16.6	15.8	13.0	12.4	14.2	13.2	83	55	90	76	4.0	5.4	—	—	—	—	2.0	06 1	14 2	06 1
23	18.4	23.4	20.0	20.4	25.0	16.0	15.0	12.8	12.9	12.3	12.7	80	60	71	70	7.7	4.5	—	—	—	0.3	3.0	06 2	06 2	06 1
24	18.1	24.0	18.0	19.5	25.0	16.1	15.0	12.2	13.5	10.2	12.0	78	60	66	68	7.3	6.7	0.3	—	—	—	1.9	06 1	08 1	06 1
25	18.0	23.5	18.5	19.8	24.3	17.0	16.1	13.1	13.0	14.8	13.6	85	60	93	79	9.3	3.4	—	—	—	0.1	1.5	06 1	06 1	08 1
26	18.2	25.0	16.6	19.1	25.6	17.3	16.0	13.6	12.6	13.6	13.3	87	53	95	78	8.3	4.9	0.1	—	25.1	25.1	1.6	06 1	10 1	00 0
27	17.8	23.2	18.8	19.6	25.0	16.8	15.3	13.0	11.4	11.3	11.9	85	53	70	69	7.3	4.4	—	0.5	—	0.5	2.0	04 2	12 4	06 2
28	18.0	25.5	20.0	20.9	26.5	16.9	15.0	12.4	10.9	12.2	11.8	80	45	70	65	8.3	8.1	—	—	—	—	2.8	05 2	06 1	06 1
29	18.0	26.0	21.0	21.5	26.5	16.0	15.0	10.8	11.2	13.0	11.7	70	40	70	60	6.3	10.8	—	—	—	—	3.5	06 3	00 0	06 3
30	17.4	26.0	18.0	19.8	27.0	16.7	16.0	12.2	12.5	14.0	12.9	82	50	91	74	8.7	1.4	—	—	0.7	0.7	2.8	00 0	10 3	06 1
31	17.4	21.4	19.4	19.4	22.0	16.0	15.3	12.8	13.3	11.8	12.6	86	70	70	75	8.7	0.7	—	—	—	—	2.5	06 1	08 2	06 3
MED.	17.2	22.9	18.4	19.2	24.0	16.2	15.0	12.8	13.0	13.1	13.0	87	63	83	77	8.2	4.3	1.0	0.5	1.3	2.8	2.2	— —	— —	— —

Total 87.5 m.m.

ESTACION Gigante MES Septiembre AÑO 1963 φ = 28° 21' N λ = 75° 31' W.GR - ALTURA 1.500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.4	22.0	18.0	18.8	24.0	16.2	16.5	12.2	11.9	13.8	12.6	82	60	90	77	8.3	1.4	tr	0.2	—	0.3	3.5	16 2	08 2	06 1
2	18.4	23.0	21.0	20.8	24.0	15.9	14.9	12.1	14.0	13.0	13.0	76	66	70	71	10.0	4.5	0.1	—	—	—	2.5	06 1	06 2	10 2
3	17.0	23.0	18.8	19.4	24.3	16.4	15.1	12.3	11.8	13.7	12.6	85	56	85	75	10.0	3.8	—	—	—	—	1.8	06 1	06 1	06 3
4	17.0	25.0	19.0	20.0	25.4	15.8	14.6	13.1	13.7	13.2	13.3	90	57	80	76	7.0	5.7	—	—	—	—	2.0	00 0	06 1	06 1
5	17.2	21.9	19.0	19.3	23.3	16.1	14.9	12.2	10.6	12.7	11.8	82	55	77	71	8.3	5.5	—	—	—	—	4.0	06 2	06 1	06 1
6	18.0	22.8	19.0	19.7	24.0	16.0	15.0	12.1	12.5	13.7	12.8	77	60	85	74	9.3	2.9	—	0.4	—	2.5	2.1	06 2	00 0	06 1
7	17.8	23.0	19.0	19.7	24.0	17.0	16.1	10.6	12.8	13.2	12.1	70	60	80	70	7.3	1.1	2.1	0.1	—	1.0	2.1	06 1	10 1	06 3
8	17.0	23.2	19.5	19.8	24.5	16.0	15.0	13.4	13.4	13.5	13.4	92	64	80	79	7.3	—	0.9	0.4	—	0.4	3.9	06 2	06 1	08 1
9	18.0	25.6	20.6	21.2	26.5	16.0	15.0	11.5	12.3	13.6	12.5	74	50	75	66	8.0	4.0	—	—	—	—	2.0	06 2	06 1	10 2
10	18.2	23.6	17.6	19.2	23.9	17.5	15.5	13.1	14.2	12.7	13.3	84	66	84	78	7.7	2.9	—	1.5	—	1.5	2.0	02 1	16 1	10 1
11	18.6	24.0	20.0	20.8	24.8	16.5	15.5	12.9	13.5	14.1	13.5	80	60	80	73	8.3	3.9	—	0.1	—	0.3	2.0	06 3	00 0	06 1
12	17.0	20.8	17.0	17.9	21.6	16.0	14.5	13.4	15.2	12.5	13.7	92	82	56	87	8.3	0.9	0.2	11.6	—	11.6	1.5	06 1	12 2	06 3
13	17.0	26.0	19.0	20.2	26.4	16.0	14.8	14.2	11.3	14.1	13.2	98	45	86	76	8.0	3.4	—	—	—	—	3.0	06 2	10 3	10 2
14	18.6	23.4	17.8	19.4	25.6	17.0	16.6	14.4	15.2	13.6	14.4	90	70	90	83	7.7	3.8	—	—	1.1	1.1	1.8	06 2	10 3	00 0
15	18.0	23.0	19.3	19.9	25.0	16.4	15.1	14.0	13.8	13.3	13.7	91	60	85	79	8.3	—	—	—	—	—	1.9	06 4	06 1	10 1
16	18.0	24.5	17.4	19.3	26.5	17.1	16.0	14.1	12.7	13.6	13.5	92	55	91	79	8.3	—	—	—	—	—	1.5	06 3	06 3	10 2
17	17.4	22.2	18.0	18.9	23.5	16.5	15.1	12.0	15.5	14.9	14.1	81	77	96	85	9.3	2.4	—	—	2.0	2.1	1.8	06 2	00 0	10 2
18	18.0	21.0	19.0	19.2	22.0	17.3	16.0	12.4	13.0	14.1	13.2	80	70	86	79	8.3	2.9	0.1	0.5	—	0.5	1.9	06 2	06 3	06 3
19	18.0	23.8	19.4	20.1	25.5	17.1	16.0	12.3	13.3	12.8	12.8	79	60	76	72	7.7	4.5	—	—	—	—	1.5	02 2	04 2	06 2
20	17.0	25.0	20.0	20.5	25.4	16.1	15.1	11.6	13.1	12.6	12.4	80	55	72	69	8.3	5.2	—	—	0.7	0.7	3.8	06 2	10 2	06 3
21	17.8	25.0	19.0	20.2	25.6	17.0	15.6	13.7	10.6	13.6	12.6	90	45	82	72	7.3	2.6	—	—	3.5	6.9	2.0	00 0	00 0	10 2
22	17.0	24.2	20.0	20.3	25.5	16.2	14.9	13.1	14.0	12.2	13.1	90	62	70	74	7.3	4.8	3.4	—	—	—	2.8	00 0	10 2	10 2
23	17.4	22.2	19.0	19.4	24.3	17.0	16.0	13.0	14.1	13.2	13.4	88	70	80	79	8.0	2.6	—	0.4	—	0.4	2.5	06 1	00 0	10 2
24	18.4	22.0	20.0	20.1	25.0	16.9	15.2	12.8	14.4	14.1	13.7	79	73	80	77	6.0	6.0	—	0.8	—	0.8	2.0	06 1	06 3	06 1
25	18.0	20.4	18.6	18.9	23.0	16.9	16.0	13.4	14.8	12.9	12.7	86	83	80	83	9.3	4.7	—	2.4	0.3	2.8	1.5	04 1	08 1	10 3
26	18.2	26.4	18.0	20.1	26.6	16.3	14.9	14.0	14.2	13.8	14.0	90	56	90	78	7.7	1.5	0.1	0.1	5.7	5.8	2.0	06 1	16 2	06 3
27	19.6	24.5	19.0	20.5	26.1	17.3	15.5	15.4	11.6	14.1	13.7	90	50	86	75	8.0	7.2	—	—	—	—	3.4	00 0	06 3	06 1
28	17.0	25.0	19.0	20.0	26.3	16.6	15.1	13.1	14.6	12.5	13.4	90	62	76	76	7.3	3.6	—	—	1.3	1.3	3.0	06 2	14 3	06 2
29	16.8	24.9	21.0	20.9	26.5	16.3	14.8	11.5	11.8	11.3	11.5	80	50	60	63	4.3	7.0	—	—	—	—	2.2	06 2	06 2	06 3
30	17.4	25.0	19.4	20.3	25.4	16.7	14.8	13.6	13.1	13.2	13.3	91	65	78	75	7.3	3.5	2.2	0.4	—	0.4	1.8	06 2	06 2	06 3
31																		2.5	00 0	14 3	06 3				
MED.	17.7	23.5	19.0	19.8	24.8	16.5	15.3	12.9	13.2	13.2	13.1	85	61	81	76	7.9	3.4	0.3	0.8	0.5	1.4	2.3	— —	— —	— —

Total 42.8 m.m.

ESTACION Gigante MES Octubre AÑO 19 63 φ = 20 21' N λ = 75° 31' W.GR - ALTURA 1.500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	18.0	25.6	19.0	20.4	26.0	16.7	15.0	13.8	12.3	13.6	13.2	90	50	83	74	7.7	4.5	—	—	0.4	0.4	2.5	06 1	00 0	06 2
2	16.8	23.8	18.5	19.4	24.5	15.9	14.7	13.4	12.2	14.1	13.2	93	55	88	79	8.3	2.0	—	0.1	--	0.2	2.0	06 1	10 2	06 1
3	17.4	23.2	19.0	19.8	25.3	16.1	14.7	13.0	12.8	15.2	13.7	88	60	93	80	8.3	3.3	0.1	0.5	—	0.5	2.0	02 1	06 1	06 1
4	18.2	24.5	20.0	20.7	25.5	17.0	16.0	13.1	13.8	14.4	13.8	84	60	83	76	8.3	5.3	—	—	—	—	2.8	06 1	06 2	06 1
5	17.4	24.4	19.0	19.9	24.9	16.2	15.1	12.2	13.7	13.2	13.0	82	60	80	74	6.0	5.4	—	—	—	—	2.0	06 1	10 2	06 3
6	17.0	25.8	18.0	19.9	27.5	16.1	15.0	12.3	12.0	12.4	12.2	85	45	80	70	8.3	7.7	—	—	—	—	3.0	06 3	04 3	08 3
7	19.0	23.6	18.0	19.6	25.5	17.6	16.1	14.5	13.1	12.7	13.4	88	60	82	77	5.7	5.2	—	—	—	—	2.4	00 0	16 2	06 1
8	16.0	21.0	19.0	18.7	22.6	15.3	14.0	11.6	11.3	12.3	11.7	85	60	75	73	8.3	3.7	—	—	—	—	1.8	06 1	10 3	10 1
9	17.4	25.0	18.0	19.6	25.6	15.9	14.5	12.2	11.4	10.8	11.5	82	48	70	67	7.7	6.4	—	—	1.5	1.5	1.5	00 0	10 1	10 2
10	18.0	25.2	20.0	20.8	26.2	15.0	14.3	13.0	10.5	12.2	11.6	85	44	70	66	8.3	7.8	—	—	—	—	2.8	00 0	10 2	10 1
11	17.0	24.5	19.0	19.9	25.5	14.9	14.0	12.2	14.1	11.5	12.4	84	62	70	72	5.3	6.4	—	—	—	—	3.2	06 3	06 1	06 2
12	18.0	25.0	20.4	20.9	25.4	17.0	16.0	11.6	13.8	12.6	12.7	75	58	70	68	6.7	1.9	—	—	—	—	3.4	06 1	16 2	06 3
13	19.0	21.4	18.0	19.1	22.2	16.6	16.0	14.1	15.6	13.8	14.5	86	82	90	86	6.7	2.5	—	1.9	—	1.9	2.6	00 0	02 2	06 2
14	18.0	24.6	19.6	20.4	25.5	16.5	15.0	14.9	13.6	13.9	14.1	96	59	81	79	6.7	4.7	—	—	0.1	1.3	2.4	00 0	06 1	00 0
15	18.0	24.0	20.0	20.5	25.6	17.0	16.0	12.7	12.4	13.5	12.9	82	55	77	71	8.0	4.4	1.2	1.4	—	3.7	2.5	02 1	16 3	06 1
16	17.3	22.2	18.8	19.3	23.1	16.5	15.2	14.4	14.6	15.4	14.8	98	69	94	87	8.0	1.0	2.3	0.1	0.5	0.6	1.8	02 1	10 1	06 2
17	18.5	22.6	18.8	19.7	22.3	17.0	16.0	11.5	12.7	13.4	12.5	72	63	83	73	9.7	0.6	—	0.3	—	0.3	1.4	00 0	06 1	06 1
18	18.0	23.0	18.4	19.4	23.6	16.0	15.0	11.8	12.6	11.4	11.9	76	60	62	66	6.7	0.8	--	—	—	—	2.4	00 0	04 1	06 2
19	17.8	23.0	18.4	19.4	24.0	16.8	16.0	11.5	12.2	12.4	12.0	75	58	76	70	7.0	1.4	—	—	—	—	2.0	06 2	06 1	10 3
20	18.0	23.6	19.8	20.3	24.0	16.0	15.0	12.2	10.6	12.4	11.7	78	48	72	66	5.0	1.6	—	—	—	—	2.6	06 1	00 0	12 2
21	17.0	26.0	20.0	20.7	27.0	16.0	14.8	10.9	10.0	11.9	10.9	75	40	68	61	3.7	6.3	—	—	—	—	3.8	06 2	00 0	04 3
22	18.6	26.8	20.2	21.4	28.5	16.0	14.8	12.7	12.0	12.7	12.5	79	45	72	65	6.0	9.7	—	—	3.3	3.3	3.6	00 0	00 0	06 2
23	18.8	25.8	21.0	21.6	27.0	17.0	16.0	12.0	12.0	13.0	12.3	75	48	70	64	5.0	6.7	—	—	—	—	0.0	00 0	00 0	06 3
24	19.6	24.6	20.6	21.3	26.0	16.5	15.0	14.4	14.4	14.5	14.4	82	62	90	75	6.0	5.6	—	0.4	—	0.4	3.0	02 1	06 1	06 3
25	18.0	25.4	19.2	20.4	26.5	17.0	15.5	13.0	11.6	15.1	13.2	84	48	91	74	8.7	3.4	—	—	1.8	35.6	2.6	00 0	00 0	10 1
26	16.2	21.6	17.6	18.2	22.0	15.0	14.0	12.9	13.4	13.0	13.1	93	70	85	83	9.3	0.6	33.8	—	—	—	0.8	06 1	06 1	06 1
27	18.4	25.6	19.9	20.9	26.6	15.0	14.2	13.2	13.6	13.9	13.9	83	55	80	73	5.7	9.8	—	—	—	4.6	3.0	00 0	00 0	14 1
28	17.4	21.0	17.0	18.1	21.5	15.5	14.3	14.2	14.0	14.2	14.1	96	75	98	90	9.7	3.5	4.6	0.1	—	0.1	0.8	00 0	02 1	00 0
29	17.4	23.0	19.2	19.7	24.0	16.0	15.2	13.3	12.6	15.0	13.6	90	60	90	80	7.3	6.3	—	—	—	17.9	1.6	00 0	02 1	00 0
30	16.8	20.6	18.0	18.3	21.0	15.0	14.3	13.8	15.0	13.4	14.1	96	82	87	88	8.7	--	17.9	6.9	—	6.9	0.4	00 0	00 0	02 2
31	18.0	21.9	18.4	19.2	23.0	16.0	15.0	13.4	15.3	12.8	13.8	86	78	81	82	9.7	—	—	—	0.3	0.3	1.6	00 0	00 0	06 1
MED.	17.8	23.8	19.1	19.9	24.8	16.2	15.0	12.9	12.9	13.2	13.0	85	59	00	74	7.2	4.1	1.9	0.4	0.2	2.6	2.2	--	--	--

Total 72.5 m.m.

ESTACION Gigante MES Noviembre AÑO 19 63 φ = 20° 21' N λ = 75° 31' W.GR - ALTURA 1.500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.9	23.0	18.4	19.2	24.0	15.5	14.5	12.9	13.2	13.9	13.3	90	58	88	79	6.7	1.4	—	14.2	10.4	24.6	1.2	00 0	02 1	06 1
2	19.0	22.2	19.2	19.9	24.0	17.0	15.0	14.5	15.2	14.1	14.6	88	76	85	83	9.7	2.9	—	2.2	0.4	3.4	1.6	00 0	04 1	06 1
3	18.0	21.4	19.4	19.5	22.5	17.0	16.0	14.1	14.9	16.3	15.1	92	78	96	89	10.0	0.8	0.8	5.0	0.3	5.3	0.8	00 0	00 0	00 0
4	17.5	20.0	18.8	18.8	22.0	16.0	15.0	14.5	13.9	14.0	14.1	97	75	91	88	10.0	—	—	1.2	0.5	5.8	1.0	02 1	02 1	06 1
5	16.8	20.8	18.0	18.4	21.5	14.5	13.6	13.8	14.4	14.1	14.1	96	78	92	89	9.0	1.7	4.1	0.5	—	2.1	1.0	02 1	02 1	06 1
6	16.0	20.8	17.6	18.0	21.5	15.5	14.0	13.7	15.5	14.5	14.6	100	85	96	94	8.0	2.1	1.6	6.2	—	9.1	0.8	00 0	02 2	06 1
7	16.3	19.4	17.4	17.6	21.5	15.5	14.3	13.9	15.6	13.9	14.4	100	93	93	95	10.0	0.8	2.9	0.1	0.8	2.7	0.6	00 0	00 0	00 0
8	16.0	19.6	18.0	17.9	23.0	14.5	13.5	13.7	13.1	11.8	12.9	100	77	76	84	5.3	3.6	1.8	0.1	—	1.1	1.4	06 1	02 1	06 2
9	16.2	21.4	19.6	19.2	22.0	15.3	13.9	11.9	14.4	14.5	13.6	86	75	85	82	8.7	7.7	1.0	—	0.2	0.8	1.8	00 0	02 3	06 3
10	18.8	20.0	18.4	18.9	22.2	15.5	14.0	14.2	15.8	16.0	15.3	87	90	100	92	8.7	5.5	0.6	12.1	0.9	13.3	1.2	00 0	00 0	06 1
11	17.8	18.2	16.8	17.4	20.0	15.7	14.7	14.7	13.7	13.5	14.0	96	88	94	93	8.0	0.1	0.3	—	—	0.8	0.8	14 1	00 0	06 2
12	17.4	19.8	18.6	18.6	21.0	15.0	14.5	14.0	15.6	14.4	14.7	91	90	90	90	10.0	1.8	0.8	—	—	—	1.0	00 0	02 3	14 2
13	17.2	18.0	17.2	17.4	19.5	16.0	14.8	12.9	14.6	13.9	13.8	88	94	94	92	10.0	—	—	3.3	—	3.6	0.4	00 0	16 5	06 1
14	17.0	18.0	17.8	17.6	19.5	14.7	14.5	14.0	15.2	14.7	14.6	96	98	96	97	10.0	—	0.3	2.5	0.1	8.6	0.8	02 1	02 1	00 0
15	14.8	17.4	16.6	16.3	19.0	13.7	13.0	10.7	14.2	13.6	12.8	85	96	96	92	9.3	—	6.0	0.1	0.1	0.2	1.2	06 1	06 1	00 0
16	16.4	19.6	17.0	17.5	20.0	14.7	14.0	14.1	16.5	14.4	15.0	100	96	99	98	7.3	—	—	0.8	0.7	1.9	0.6	00 0	00 0	06 1
17	17.6	21.0	16.8	18.0	20.0	15.0	14.5	14.2	13.0	12.0	13.1	94	70	84	83	6.3	2.2	0.4	—	—	—	1.2	00 0	00 0	06 2
18	18.0	22.4	18.6	19.4	23.5	15.5	14.0	14.6	16.7	14.4	15.2	94	82	90	89	6.3	6.5	—	0.1	0.1	0.2	1.6	00 0	00 0	00 0
19	17.0	24.6	18.8	19.8	25.0	15.9	15.0	13.7	11.7	11.3	12.2	94	50	70	71	5.3	4.2	—	—	—	—	2.4	00 0	00 0	00 0
20	18.6	23.0	18.4	19.6	24.0	16.0	14.8	11.9	11.9	11.4	11.7	74	56	72	67	6.0	3.0	—	—	—	—	2.2	06 1	02 1	06 3
21	18.0	23.4	18.0	19.3	24.5	16.5	15.0	13.4	14.3	14.0	13.9	87	66	91	81	7.7	4.3	—	0.2	8.2	34.9	2.4	00 0	00 0	00 0
22	17.6	21.8	18.0	18.8	22.7	17.0	16.0	13.1	13.6	13.4	13.4	87	70	87	81	8.0	1.9	26.5	3.3	—	3.3	1.4	00 0	00 0	06 1
23	17.6	22.0	18.0	18.9	22.5	16.0	14.9	13.6	14.9	14.9	14.5	90	75	96	87	10.0	2.7	—	0.1	7.4	19.7	1.0	00 0	02 2	00 0
24	16.8	18.0	17.0	17.2	20.5	15.0	14.5	12.4	13.8	13.5	13.2	88	90	93	90	9.3	0.1	12.2	6.7	1.7	8.5	1.0	06 1	00 0	06 2
25	17.0	20.4	17.6	18.1	21.5	15.0	14.0	12.2	14.5	13.6	13.4	84	80	91	85	8.3	1.9	0.1	4.2	0.2	4.4	1.3	06 1	00 0	06 2
26	18.0	22.4	18.0	19.1	23.0	16.0	15.0	13.0	13.2	13.4	13.2	84	65	86	78	8.0	6.2	—	—	0.3	0.3	2.2	02 1	14 1	06 2
27	17.6	21.6	18.4	19.0	24.0	14.7	13.5	12.4	14.8	12.1	13.1	82	76	76	78	5.7	6.6	—	4.6	1.3	5.9	1.2	06 1	06 1	06 2
28	17.0	24.6	18.2	19.5	25.5	16.0	14.6	12.5	12.4	13.0	12.6	86	55	83	75	5.7	4.4	—	—	2.7	2.7	0.8	02 1	00 0	06 2
29	16.4	23.4	18.0	18.9	23.7	14.8	13.0	12.0	12.9	11.6	12.2	86	60	75	74	4.3	5.4	—	—	2.4	2.4	2.0	06 2	02 1	06 3
30	17.8	23.2	18.4	19.4	24.5	15.0	14.0	13.2	12.4	12.8	12.8	86	58	81	75	5.0	7.8	—	—	0.7	0.7	1.3	02 1	02 1	06 3
31																									
MED.	17.2	21.0	18.0	18.6	22.3	15.5	14.4	13.3	14.2	13.6	13.7	90	77	88	85	7.9	2.7	2.0	2.2	1.3	5.5	1.3	— -	— -	— -

Total 166.3 m.m.

ESTACION Gigante MES Diciembre AÑO 19 63 φ = 29° 21' N λ = 75° 31' W.GR - ALTURA 1.500 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.5	20.0	17.0	17.9	23.5	15.5	14.3	13.4	15.2	12.6	13.7	90	87	87	88	6.3	5.7	—	—	10.5	10.5	1.3	06 1	02 3	06 3
2	18.8	24.4	18.8	20.2	25.5	16.0	14.9	13.7	12.6	13.1	13.1	85	55	80	73	7.0	8.3	—	0.1	—	0.5	3.0	02 1	06 1	10 2
3	17.0	23.4	18.6	19.4	24.5	15.8	14.6	13.5	14.3	14.4	14.1	93	66	90	83	6.7	3.8	0.4	0.1	1.2	1.3	2.0	06 1	02 3	06 9
4	18.6	22.2	17.0	18.7	23.0	15.8	15.0	14.0	15.8	12.6	14.1	88	76	87	84	6.0	3.8	—	4.7	3.1	7.8	1.0	06 1	14 1	00 0
5	19.0	23.6	18.8	20.0	24.5	16.0	15.0	13.8	12.2	13.4	13.1	84	56	83	74	7.0	5.0	—	—	—	—	1.8	06 1	02 1	06 2
6	19.0	22.0	18.4	19.4	23.0	17.0	16.0	13.6	15.0	13.8	14.1	83	76	87	82	9.3	1.4	—	—	—	0.1	3.0	04 1	12 1	06 3
7	18.0	20.8	18.0	18.7	22.2	16.5	16.0	13.4	14.4	13.4	13.7	87	78	87	84	7.3	1.6	0.1	2.2	0.3	2.5	1.0	00 0	06 1	06 3
8	18.6	24.2	18.8	20.1	25.5	16.7	16.0	14.0	11.9	14.2	13.4	87	52	87	75	9.0	5.7	—	0.2	3.0	3.2	3.0	00 0	02 1	06 2
9	17.8	20.4	19.0	19.0	24.5	17.0	16.0	13.7	15.4	13.9	14.3	90	86	85	87	9.7	2.5	—	6.5	0.2	6.7	2.0	00 0	02 1	12 2
10	18.8	20.8	20.0	19.9	24.0	16.0	15.0	13.1	14.0	14.4	13.8	80	76	83	80	6.3	3.6	—	—	—	—	2.8	06 2	06 2	02 2
11	18.2	20.0	17.8	18.4	21.5	16.0	14.8	13.1	15.2	13.2	13.8	84	87	87	86	5.7	0.2	—	0.6	—	0.6	2.4	06 1	06 2	02 3
12	18.6	24.2	21.2	21.3	25.5	17.0	16.0	13.8	13.2	15.1	14.0	86	58	80	75	7.7	6.8	—	—	—	—	3.0	00 0	02 2	02 2
13	18.2	24.2	18.0	19.6	25.0	16.0	14.7	14.2	13.5	14.1	13.9	91	60	92	81	5.0	3.4	—	—	0.7	0.7	3.0	02 1	14 2	06 2
14	16.8	25.2	18.0	19.5	26.5	14.6	13.5	12.3	10.5	13.4	12.1	86	44	86	72	4.7	7.0	—	—	—	—	2.8	02 1	12 1	06 3
15	17.6	26.2	19.0	20.4	26.5	15.0	14.0	11.3	11.8	12.7	11.9	75	46	77	66	4.7	9.6	—	—	—	—	3.0	06 1	12 1	02 2
16	17.2	25.0	19.2	20.1	26.5	15.5	14.0	11.2	13.1	13.3	12.5	78	55	80	70	5.7	7.0	—	—	—	—	2.8	02 1	00 0	06 2
17	17.6	24.2	20.2	20.5	25.8	16.5	15.0	13.0	13.5	13.8	13.4	86	60	78	75	8.3	8.1	—	0.1	—	3.3	1.8	16 1	00 0	00 0
18	19.0	24.0	20.2	20.8	26.5	17.0	16.0	14.5	14.3	15.2	14.7	88	64	86	79	10.0	5.9	3.2	—	—	3.5	2.4	06 1	12 3	02 2
19	19.0	21.6	17.6	18.9	22.5	17.0	16.0	15.5	16.5	13.5	15.2	94	86	90	90	9.0	0.8	3.5	0.6	0.1	0.7	1.8	02 1	06 2	12 2
20	17.8	23.5	19.0	19.8	24.5	15.0	14.0	14.4	10.9	11.8	12.4	94	50	72	72	4.7	4.5	—	—	—	—	3.0	06 3	06 2	02 2
21	17.8	25.0	20.2	20.8	26.0	15.2	14.0	12.3	10.8	13.8	12.3	80	46	78	68	4.0	6.5	—	—	—	0.6	4.2	06 1	06 2	06 2
22	19.2	21.9	18.0	19.3	23.5	17.5	17.0	15.0	16.7	13.8	15.2	90	86	90	89	7.7	0.2	0.6	0.7	—	0.7	2.0	00 0	02 1	00 0
23	18.0	22.6	19.4	19.8	24.0	17.0	16.0	14.6	13.0	13.5	13.7	94	63	80	79	8.7	1.5	—	0.1	—	1.7	1.8	00 0	00 0	12 2
24	17.4	22.9	19.4	19.8	23.3	16.0	15.0	14.2	14.3	14.4	14.3	96	68	86	83	8.3	2.8	1.6	—	—	—	1.8	00 0	12 1	02 2
25	17.4	24.2	20.0	20.4	25.5	16.0	15.0	14.2	12.6	15.0	13.9	96	55	86	79	6.3	6.9	—	—	—	—	1.0	02 1	12 1	06 3
26	19.0	23.6	18.0	19.6	25.0	16.0	15.0	15.5	14.0	14.6	14.7	94	64	94	84	8.0	2.4	—	4.5	8.1	12.7	0.3	05 1	14 2	06 3
27	18.2	22.2	19.8	20.0	23.0	15.6	14.0	15.1	15.2	15.7	15.3	96	76	91	88	8.0	5.6	0.1	—	—	—	2.0	02 1	12 2	06 3
28	18.8	22.9	20.0	20.4	23.5	16.8	16.0	15.0	12.8	15.8	14.5	93	70	90	84	7.3	5.3	—	—	—	—	1.8	02 1	12 2	06 3
29	18.2	21.0	19.0	19.3	22.2	16.0	14.8	15.3	14.2	14.8	14.8	98	76	90	88	7.7	3.1	—	—	—	2.9	1.8	02 1	06 2	02 3
30	18.2	21.6	19.0	19.4	23.0	17.0	15.6	15.1	17.0	16.5	16.2	96	88	100	95	9.7	1.0	2.9	—	—	20.9	1.2	00 0	02 2	06 2
31	17.0	21.6	19.0	19.1	22.0	16.0	15.0	14.6	14.6	15.5	14.9	100	75	94	90	8.7	1.0	20.8	0.5	1.2	14.5	1.8	12 1	12 2	06 2
MED.	18.1	22.9	18.9	19.7	24.3	16.2	15.1	13.9	13.8	14.0	13.9	89	67	86	81	7.2	4.2	1.1	0.7	0.9	3.1	2.7	— —	— —	— —

Total 95.4 m.m.

ESTACION GIGANTE

RESUMEN MENSUAL Y ANUAL

AÑO 1.963

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS						Humedad					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
						Max.	Min.	Max.		Min.	Med.	Relativa				Min.	Max.	Min	Med.							Días		
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Med.	Med.	Abs.	D.	Abs.	D.	Sue.	7	14	20	Med.	Abs.	Abs.			Med.	Solar		7	14	20	Suma	lluv.	Max.	D.
Enero						17.0	22.3	18.5	19.1	23.5	15.7	26.5	6	14.5	V	14.7	93	70	87	83	40	17.0	9.8	13.8	(-)	5.4	1.7	74.9	24.5	15.4	114.7	19	28.8	26
Febro						16.7	21.4	18.0	18.5	22.5	15.8	25.5	1	14.3	20	14.7	92	69	85	82	44	15.6	9.7	13.1	8.1	3.6	1.5	39.8	62.0	30.6	132.4	19	42.0	19
Marzo						17.7	23.4	19.2	19.9	24.4	16.8	26.6	V	15.6	30	15.5	83	58	81	74	40	15.6	9.3	12.8	7.6	3.6	1.9	36.8	21.8	15.9	74.5	19	18.3	24
Abril						17.6	22.2	18.8	19.3	23.4	16.5	26.5	V	15.5	6	15.3	88	68	86	81	44	16.8	10.4	13.6	8.6	2.9	1.4	66.6	66.1	5.4	140.6	22	37.8	24
Mayo						17.8	22.8	18.5	19.3	23.7	16.4	27.5	5	15.0	28	15.1	87	67	85	80	46	16.7	11.5	13.6	7.8	4.4	1.8	125.7	44.8	26.3	194.3	19	44.5	11
Junio						17.4	22.6	18.0	19.0	23.8	16.4	26.0	16	15.4	22	15.2	84	67	85	79	50	16.6	9.0	13.1	8.4	4.0	1.7	28.1	25.6	48.1	103.1	20	27.1	13
Julio						17.0	22.8	17.8	18.8	23.9	16.1	27.0	7	14.0	25	14.9	87	62	84	78	43	15.5	9.8	12.7	8.4	4.7	2.0	18.5	11.2	35.3	63.7	21	13.0	10
Agsto						17.2	22.9	18.4	19.2	24.0	16.2	27.0	30	15.0	5	15.0	87	63	83	77	40	15.9	10.2	13.0	8.2	4.3	2.2	31.3	14.8	41.4	87.5	22	25.1	26
Spbre						17.7	23.5	19.0	19.8	24.8	16.5	26.6	28	15.8	4	15.3	85	61	81	76	45	15.5	10.6	13.1	7.9	3.4	2.3	9.1	18.9	14.6	42.6	19	11.6	12
Ocbre						17.8	23.8	19.1	19.9	24.8	16.2	28.5	22	14.9	11	15.0	85	59	80	74	40	15.6	10.0	13.0	7.2	4.1	2.2	59.9	11.7	7.9	79.5	17	35.6	25
Nobre						17.2	21.0	18.0	18.6	22.3	15.5	25.5	28	13.7	15	14.4	90	77	88	85	50	16.7	10.7	13.7	7.9	2.7	1.3	59.4	67.5	39.4	166.3	26	34.9	21
Dcbre						18.1	22.9	18.9	19.7	24.3	16.2	26.5	V	14.6	14	15.1	89	67	86	81	44	17.0	10.5	13.9	7.2	4.2	2.2	33.3	20.9	28.4	95.4	20	20.9	30
MED. ANUAL						17.4	22.6	18.5	19.3	23.8	16.2	26.7	—	14.9	--	15.0	88	63	84	78	44	16.2	9.3	13.3	(7.9)	3.9	1.8	48.6	32.5	25.7	107.8	243	28.3	—

Precipitación total : 1.294.6

Precipitación máxima : 44.5 - 11 - V

Días lluviosos : 243

ESTACION: GIGANTE FRECUENCIA DE PRECIPITACION Y TEMPERATURAS AÑO: 1.963

MESES	PRECIPITACION																							TEMPERATURAS			
	7 horas					14 horas					20 horas					Total								Min. abajo	Min. arriba	Max. abajo	Max. arriba
	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	más de 10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0	de 15 ºC	de 17 ºC	de 22 ºC	de 26 ºC
Enero	12	8	1	1	—	12	7	1	—	—	8	5	—	—	—	19	15	10	7	5	1	—	7	—	8	2
Febro	6	4	2	—	—	12	6	2	1	—	10	5	1	—	—	19	12	9	9	3	2	—	6	10	10	2
Marzo	8	4	1	—	—	11	6	—	—	—	10	6	—	—	—	19	10	9	6	2	—	—	—	16	2	5
Abril	7	7	2	2	—	15	10	3	—	—	10	1	—	—	—	22	16	12	6	5	2	—	—	9	6	2
Mayo	14	7	3	3	—	10	8	1	—	—	11	5	1	—	—	19	13	11	10	5	3	—	1	9	7	4
Junio	8	4	1	—	—	15	9	—	—	—	14	9	1	—	—	20	14	9	7	3	1	—	—	8	4	1
Julio	13	5	—	—	—	11	3	—	—	—	12	5	2	—	—	21	13	9	4	2	—	—	2	2	6	5
Agsto	11	7	1	—	—	14	8	—	—	—	10	5	1	1	—	22	15	11	4	3	1	—	1	3	6	3
Spbre	8	3	—	—	—	13	3	1	—	—	7	5	—	—	—	19	11	5	3	1	—	—	—	9	2	8
Ocbre	6	5	2	1	—	9	3	—	—	—	7	3	—	—	—	17	9	6	3	2	1	—	5	7	3	9
Nvbre	15	8	2	1	—	20	12	2	—	—	20	7	1	—	—	26	20	16	10	4	2	—	12	3	14	--
Dcbre	9	5	1	1	—	13	4	—	—	--	10	6	1	—	—	20	13	11	6	4	1	—	3	8	2	5
SUMA ANUAL	117	67	18	9	—	155	79	10	1	—	129	62	8	1	—	243	161	118	75	39	14	—	37	74	70	44

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	2	2	5	4	2	3	5	6	4	5	4	1	1	5	3	3	3	2	1	—	1	1	1	1	18
Febro	1	3	3	1	3	3	2	2	1	3	5	6	6	7	4	3	3	6	3	2	—	--	2	1	21
Marzo	2	2	1	1	2	2	5	2	2	1	2	6	6	4	6	3	3	4	1	—	2	2	2	1	18
Abril	4	4	4	4	5	5	5	4	6	4	4	4	5	4	4	5	—	--	—	3	4	3	3	2	23
Mayo	2	4	4	6	5	4	6	5	5	3	2	3	6	5	8	2	1	1	3	5	4	2	5	4	18
Junio	1	2	2	2	3	2	2	2	1	3	3	9	7	8	6	3	5	5	6	5	4	6	4	4	21
Julio	2	3	2	2	4	3	2	1	1	3	2	1	6	4	5	4	4	4	5	3	5	3	2	2	22
Agsto	3	1	2	2	2	4	4	6	5	5	2	4	6	3	3	6	2	4	1	2	1	1	3	4	22
Spbre	—	1	2	2	2	1	3	—	2	5	3	3	3	3	3	5	1	1	2	1	1	1	1	1	20
Ocbre	4	4	4	2	5	4	2	2	3	3	2	2	2	3	1	1	4	1	1	4	1	2	4	2	18
Nvbre	2	4	4	7	4	5	4	6	4	4	4	5	9	8	10	2	5	1	4	6	5	4	4	4	27
Dcbre	3	3	2	1	2	3	3	2	2	2	3	3	4	7	8	3	5	4	2	2	1	1	2	1	19
SUMA ANUAL	28	33	35	34	39	39	43	38	36	41	36	47	62	59	61	42	33	33	32	30	29	26	23	27	247

ESTACION **GIGANTE** FRECUENCIA DE NUBOSIDAD - BRILLO SOLAR Y VIENTOS AÑO 1.963

MESES	NUBOSIDAD en décimos		BRILLO SOLAR		NUMERO DE DIAS CON: VIENTOS																											
					7 horas									14 horas								20 horas										
	Bajo 3.0	Más 8.0	Bajo 0.9	Mas 9.0	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C	
Enero	(--)	(--)	2	5	2	5	--	18	--	2	--	--	4	7	3	--	5	3	--	--	7	6	--	--	--	14	1	10	--	--	6	
Febro	--	18	7	1	--	5	2	12	1	--	--	--	8	3	5	--	5	2	3	2	3	5	1	1	1	13	4	7	--	--	1	
Marzo	--	14	8	2	1	3	--	15	--	3	--	--	9	1	3	--	8	2	4	--	4	9	--	--	1	21	--	4	1	1	3	
Abril	--	21	11	1	1	4	2	16	--	2	1	--	4	3	3	--	9	2	6	--	5	2	--	1	1	15	--	7	--	--	6	
Mayo	1	16	7	6	--	2	1	15	--	2	--	--	11	3	2	--	7	2	4	--	5	8	--	2	--	19	3	4	--	--	3	
Junio	--	19	2	2	--	--	--	15	6	--	--	--	9	1	5	--	8	2	7	--	2	5	--	--	--	21	1	3	--	--	5	
Julio	--	20	3	2	--	1	--	22	2	2	--	--	4	2	2	--	4	2	8	2	4	7	--	--	1	21	2	1	--	1	5	
Agsto	--	20	3	2	--	2	3	18	--	1	--	1	6	3	--	--	9	3	7	1	3	5	--	--	--	23	1	2	--	1	4	
Spbre	--	17	4	1	1	2	1	22	--	--	--	--	4	3	--	1	12	1	5	1	2	5	--	--	--	17	1	11	--	--	1	
Ocbre	--	13	6	2	--	4	--	12	--	--	--	--	15	3	3	2	8	--	6	--	--	9	--	1	1	18	1	5	1	1	3	
Nvbre	--	18	9	--	--	6	--	7	--	--	--	1	16	1	12	1	2	--	--	--	1	13	--	--	--	25	--	--	--	1	4	
Dcbre	--	12	5	1	1	9	1	11	--	--	1	--	8	--	9	--	7	--	--	9	3	3	--	8	--	16	--	1	3	--	3	
SUMA ANUAL	(--)	188)	60	24	6	43	10	183	9	12	2	2	98	30	47	4	84	19	50	15	39	77	1	14	5	223	14	55	5	5	45	

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	--	5	5	6	10	10	10	9	13	9	7	--	24	15	9	9	9	7	7	6	4	6	8	18
Febro	--	2	1	2	2	5	5	5	5	6	2	--	23	13	10	11	10	12	11	10	10	12	14	21
Marzo	--	2	4	5	5	4	5	5	3	4	4	--	28	20	15	13	13	12	12	9	12	10	10	23
Abril	--	2	4	5	3	4	5	5	8	4	2	--	23	19	18	18	19	19	20	14	12	13	19	23
Mayo	--	3	5	6	5	6	8	8	8	10	10	3	24	17	15	14	14	11	11	6	7	8	12	13
Junio	--	3	6	3	4	2	3	3	2	2	2	--	27	16	10	6	9	9	7	8	9	9	16	16
Julio	--	5	7	7	4	4	2	2	3	3	5	1	17	11	9	9	8	8	10	5	6	8	9	14
Agsto	--	2	4	2	6	5	3	5	2	3	6	2	27	17	15	12	9	14	10	10	5	6	6	12
Spbre	--	2	4	6	5	2	3	1	1	3	3	1	26	17	12	14	12	9	9	7	7	10	14	21
Ocbre	--	5	9	6	7	4	4	4	5	6	7	--	25	13	14	14	15	13	12	6	9	9	13	18
Nvbre	--	1	4	3	2	1	1	1	1	5	3	--	26	20	19	14	16	14	17	16	15	11	16	26
Dcbre	--	4	11	7	7	6	5	3	4	6	1	--	28	14	11	10	8	9	6	7	10	13	18	30
SUMA ANUAL	--	36	64	56	60	53	54	51	55	61	52	7	298	192	157	144	142	137	132	104	106	115	155	235

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION GIGANTE DE LA PRECIPITACION AÑO 1.963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m	Durac	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h. min	m.m	Int. Med.	Int. Max. 5 min.	Int. Max. 1 mir. (calc.)
Enero	114.7	10	22	14	36	20.7	94.0	12:10'	28:10'	40:20'	29.6	4:50'	3.10	4.5	0.9	5:25'	19.7	0.06	4.0	0.8
Febro	132.4	19	26	9	35	68.9	63.5	30:45'	17:30'	48:15'	34.8	5:30'	0.10	4.0	0.8	5:30'	34.8	0.10	4.0	0.8
Marzo	74.5	19	24	9	33	37.2	37.3	18:15'	16:35'	34:50'	18.1	3:30'	0.08	4.5	0.9	5:55'	7.5	0.02	0.3	0.1
Abril	140.6	22	22	13	35	96.8	43.8	32:50'	31:15'	64:05'	31.3	11:10'	0.04	1.0	0.2	11:10'	31.3	0.04	1.0	0.2
Mayo	194.3	19	30	16	46	114.9	79.4	42:40'	16:40'	59:20'	45.4	2 40'	0.28	6.5	1.3	9:50'	32.5	0.05	2.0	0.4
Junio	103.1	20	40	15	55	81.9	21.2	40:50'	15:50'	56:40'	17.1	3:30'	0.08	3.1	0.6	4:25'	2.2	0.01	0.5	0.1
Julio	63.7	21	27	20	47	48.5	15.2	24:10'	14:35'	38:45'	12.9	4:10'	0.05	1.0	0.2	4:10'	12.9	0.05	1.0	0.2
Agsto	87.5	22	30	14	44	54.0	33.5	22:55'	21:25'	44:20'	20.6	0:35'	0.58	6.3	1.2	5:10'	12.8	0.04	1.0	0.2
Spbre	42.6	19	25	10	35	33.0	9.0	16:45'	8:05'	24:50'	11.5	1:15'	0.15	3.0	0.6	2:30'	3.2	0.02	0.4	0.1
Octbre	79.5	17	18	15	33	43.9	35.6	8:55'	25:05'	34:00'	32.9	4:35'	0.48	5.0	1.2	10:10'	34.3	0.08	1.0	0.2
Nvbre	166.3	26	47	21	68	112.5	53.8	43:05'	30:15'	73:20'	28.4	4:20'	0.10	3.0	0.6	4:30'	7.6	0.02	0.6	0.1
Dcbre	95.4	20	33	12	45	48.3	48.1	21:10'	14:45'	35:55'	20.0	3:00'	0.11	4.0	0.8	3:00'	20.0	0.11	4.0	0.8
TOTALES	1.284.8	243	344	188	532	768.2	532.4	314:30'	240:10'	554:40'	301.0	49:05'	XX	XX	XX	71:45'	219.7	XX	XX	XX

ESTACION Tasbo MES Enero AÑO 1963 φ = 20 23' N λ = 70 45' W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.4	24.6	17.0	18.6	25.0	15.0	14.2	12.6	13.8	12.0	12.8	90	60	82	77	7.7	6.0	—	0.1	14.0	14.1	1.0	00 0	00 0	00 0
2	16.8	23.0	18.6	19.2	24.0	15.6	15.0	12.3	14.8	15.5	14.2	86	70	98	84	8.7	2.3	—	—	4.7	4.7	1.0	00 0	06 1	00 0
3	17.8	22.0	19.0	19.4	23.3	16.6	16.0	12.8	14.9	15.1	14.3	84	75	92	84	7.3	3.0	—	—	0.7	0.7	0.0	00 0	06 1	00 0
4	17.8	21.9	17.3	18.6	23.0	16.0	15.3	13.7	13.6	12.0	13.1	90	90	81	87	8.0	5.1	—	—	—	—	1.2	00 0	06 0	00 0
5	17.2	21.0	19.0	19.0	23.2	15.3	14.6	11.8	13.0	13.2	12.7	80	70	80	77	6.7	4.3	--	--	0.2	0.2	1.0	12 1	08 2	00 0
6	17.0	23.8	18.2	19.3	24.1	15.4	15.0	13.2	13.9	12.6	13.2	91	63	80	78	8.0	5.9	—	—	—	3.1	1.6	00 0	08 1	00 0
7	17.2	21.9	18.0	18.8	23.0	15.9	15.2	13.5	12.8	14.0	13.4	92	65	91	83	10.0	4.8	3.1	—	1.8	1.8	0.4	06 1	06 1	00 0
8	15.0	20.0	16.8	17.1	23.1	13.8	13.3	11.7	13.4	11.5	12.2	92	76	80	83	—	2.4	—	—	8.5	8.5	0.6	00 0	08 1	00 0
9	16.2	22.1	17.3	18.2	22.2	15.5	14.2	11.2	14.1	13.2	12.8	82	70	90	81	8.7	2.1	—	—	2.5	4.2	1.0	00 0	00 0	00 0
10	17.2	20.0	17.9	18.2	20.6	16.0	15.6	14.4	12.2	13.7	13.4	96	70	90	85	9.3	1.5	1.7	—	—	—	0.1	00 0	00 0	08 1
11	17.3	21.0	17.2	18.2	22.2	16.0	15.3	13.2	13.0	14.1	13.4	90	70	96	85	10.0	2.1	—	—	5.0	5.0	0.3	00 0	00 0	00 0
12	16.3	22.6	17.2	18.3	23.3	15.1	14.2	12.2	13.6	13.2	13.0	88	65	90	81	10.0	5.2	—	0.1	0.3	1.4	1.1	00 0	06 1	00 0
13	16.8	23.6	18.0	19.1	24.0	15.0	14.0	12.9	13.1	13.8	13.3	90	60	90	80	8.7	8.4	1.0	—	0.3	0.3	0.4	00 0	08 2	00 0
14	16.0	23.0	16.1	17.8	25.0	15.0	14.4	13.0	12.6	12.6	12.7	95	60	91	82	8.0	6.3	—	—	14.3	16.0	1.4	00 0	00 0	00 0
15	15.4	23.0	17.2	18.2	24.5	15.0	14.5	12.2	14.8	12.3	13.1	92	70	84	82	4.3	5.9	1.7	—	—	—	1.0	00 0	08 1	00 0
16	15.2	24.0	17.2	18.4	25.5	15.0	14.3	10.3	10.2	10.3	10.3	80	46	70	65	8.0	7.6	—	—	—	3.3	1.0	00 0	06 1	04 1
17	16.0	23.4	18.0	18.8	24.5	15.5	14.8	12.4	14.0	13.0	13.1	90	65	84	80	4.0	8.7	3.3	0.1	—	13.1	1.0	00 0	06 1	00 0
18	16.0	23.9	17.1	18.5	25.0	15.4	14.6	12.4	13.3	13.2	13.0	91	60	90	80	9.7	5.0	13.0	1.3	—	8.0	0.3	00 0	12.1	08 1
19	15.0	24.0	17.1	18.3	24.5	14.5	14.0	11.8	15.7	13.8	13.8	93	72	90	85	9.3	6.6	6.7	—	—	—	1.0	00 0	08 1	30 0
20	15.3	22.3	15.2	17.0	24.5	15.0	14.5	12.7	14.6	11.9	13.1	96	72	92	87	7.7	4.3	—	—	10.3	11.4	1.0	00 0	06 1	08 2
21	16.8	22.0	16.3	17.8	22.8	16.0	15.0	14.2	13.8	11.4	13.1	100	70	83	84	4.7	4.8	1.1	—	—	—	1.0	00 0	08 1	08 1
22	15.2	21.0	16.3	17.2	22.0	14.0	13.2	11.6	17.1	10.6	13.1	90	70	76	79	7.0	7.4	—	0.7	—	0.7	1.0	00 0	06 1	00 0
23	16.2	21.8	16.6	17.8	22.3	14.6	14.0	12.7	11.8	10.6	11.7	92	60	75	76	4.7	8.5	—	0.1	—	0.1	1.3	00 0	06 1	00 0
24	15.0	21.0	15.0	16.5	22.2	13.0	12.0	11.8	13.0	11.6	12.1	93	70	91	85	7.7	5.1	—	—	18.0	18.0	1.0	00 0	00 0	00 0
25	15.2	16.4	15.4	15.6	21.0	14.0	13.3	12.9	12.4	12.5	12.6	98	70	86	85	10.0	4.3	-	—	5.2	12.0	0.8	00 0	08 1	00 0
26	15.0	22.0	15.1	16.8	22.8	13.0	12.6	12.0	11.9	11.9	11.9	94	60	92	82	9.3	5.3	6.8	—	4.7	9.2	1.0	00 0	00 0	00 0
27	14.8	21.2	16.2	17.1	22.0	14.1	13.6	11.8	12.3	12.6	12.2	94	65	90	83	9.7	4.5	4.5	—	2.5	5.3	0.4	00 0	00 0	08 1
28	14.2	21.0	18.0	17.8	25.0	14.0	13.6	11.9	13.0	14.0	13.0	98	70	91	86	8.3	1.6	2.8	—	0.2	15.5	0.4	00 0	16 1	00 0
29	13.8	23.4	16.6	17.6	25.0	13.2	12.5	9.9	15.2	13.2	12.8	82	70	93	82	7.7	6.0	15.3	—	1.1	1.1	1.6	00 0	08 1	00 0
30	15.0	23.0	18.0	18.5	24.0	14.0	13.0	10.8	14.8	11.5	12.4	82	70	74	75	8.3	5.7	—	—	—	—	0.4	00 0	00 0	00 0
31	16.3	23.5	16.4	18.1	25.0	16.0	15.5	12.3	12.1	12.7	12.4	89	55	91	78	7.0	8.0	—	—	—	0.7	1.2	00 0	12 1	00 0
MED.	16.0	22.2	17.1	18.1	23.5	14.9	14.2	12.3	13.5	12.7	12.8	90	67	86	81	7.7	5.1	2.0	0.1	3.0	5.1	0.8	--	--	--

Total 158.4 m.m.

ESTACION Tambo MES Febrero AÑO 1963 φ = 20 23' N λ = 70 42' W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.0	23.6	17.0	18.6	25.0	16.2	15.0	11.6	13.1	12.0	12.2	80	60	82	74	9.0	5.1	0.7	--	31.7	32.2	0.1	00 0	00 0	04 3
2	14.8	19.3	15.2	16.1	23.1	14.0	13.1	12.4	12.5	12.4	12.4	98	75	96	90	10.0.	2.7	0.5	3.1	1.9	10.0	0.0	00 0	00 0	00 0
3	16.0	20.0	15.0	16.5	23.0	15.0	14.0	12.7	13.0	10.6	12.1	93	74	83	83	7.7	4.5	5.0	2.7	12.9	15.6	1.0	00 0	00 0	00 0
4	15.6	19.0	13.1	15.2	22.6	15.2	14.0	12.8	13.2	10.0	12.0	96	80	88	88	9.3	8.3	--	5.6	0.1	8.2	1.0	00 0	00 0	00 0
5	17.0	21.0	16.2	17.6	22.5	16.2	15.5	13.4	15.6	12.8	13.9	92	84	92	89	9.3	2.4	2.5	0.1	--	0.1	1.0	00 0	00 0	00 0
6	15.0	23.1	16.0	17.5	25.0	14.0	13.5	12.3	12.8	12.4	12.5	96	60	91	82	8.7	4.4	--	--	--	--	1.3	00 0	00 0	00 0
7	15.3	22.0	19.0	18.8	26.0	14.5	14.0	10.3	14.4	13.2	12.6	80	73	80	78	8.7	4.5	--	--	--	--	1.3	00 0	00 0	00 0
8	15.0	24.0	15.9	17.7	25.0	14.0	13.0	11.6	13.0	12.5	12.4	91	58	93	81	9.7	4.0	1.4	--	1.7	1.7	1.0	00 0	08 1	00 0
9	12.8	22.0	16.2	16.8	25.0	12.5	11.0	10.4	12.4	12.0	11.6	94	63	87	81	8.0	4.4	--	0.2	--	1.5	0.6	00 0	00 0	00 0
10	15.7	20.9	20.0	19.1	22.0	15.0	14.5	13.2	12.8	14.1	13.4	98	70	80	83	9.7	6.8	1.3	--	1.0	5.5	1.4	00 0	08 1	00 0
11	15.2	18.8	14.3	15.8	23.0	14.0	13.5	10.5	12.0	10.8	11.1	81	73	89	81	10.0	3.2	4.5	--	--	1.0	0.2	00 0	00 0	00 0
12	14.0	21.6	15.5	16.6	23.2	13.5	13.0	11.5	10.5	12.8	11.6	96	55	97	83	9.3	5.0	1.0	--	--	--	1.0	00 0	14 2	00 0
13	15.1	21.0	18.2	18.1	25.5	14.0	13.1	11.7	11.3	12.7	11.9	91	60	81	77	5.3	6.5	--	--	0.1	0.1	1.0	00 0	08 1	00 0
14	13.8	21.2	16.0	16.7	22.8	13.4	12.5	11.3	12.0	11.4	11.6	96	63	84	81	10.0		--	0.8	17.3	18.1	1.2	00 0	06 1	00 0
15	14.0	23.1	18.4	18.5	26.0	13.8	13.0	11.7	12.8	12.1	12.2	98	60	81	80	5.0		--	--	--	--	2.0	00 0	06 1	00 0
16	15.0	23.0	18.0	18.5	25.4	14.0	13.2	10.2	13.8	11.6	11.9	80	65	75	73	6.3		--	--	--	--	2.0	00 0	08 2	00 0
17	16.1	22.0	16.4	17.7	23.5	15.5	14.8	11.0	14.7	11.2	12.3	80	73	80	78	10.0		--	0.1	18.7	19.9	0.3	00 0	08 2	00 0
18	14.9	21.4	15.2	16.7	26.0	14.1	13.1	11.8	13.3	11.7	12.3	94	70	91	85	10.0		1.1	0.3	4.4	14.9	1.1	00 0	04 1	00 0
19	14.2	16.2	14.2	14.7	21.0	14.0	13.1	12.0	12.6	11.9	12.2	99	91	98	96	10.0		10.2	3.0	1.6	5.9	0.2	00 0	00 0	00 0
20	14.2	22.0	17.0	17.5	23.6	13.5	13.0	11.9	12.8	13.2	12.6	98	65	91	85	7.3		1.3	--	--	--	0.4	00 0	00 0	00 0
21	15.0	22.0	16.4	17.4	25.5	14.5	14.0	12.0	13.0	13.4	12.8	94	66	96	85	7.0		--	--	0.2	13.4	1.0	00 0	08 2	00 0
22	15.2	20.3	15.4	16.6	23.8	14.8	14.0	12.7	10.7	11.8	11.7	98	60	90	83	7.3		13.2	--	--	--	0.3	00 0	00 0	04 1
23	15.7	20.1	15.0	16.4	22.0	15.0	14.0	12.9	11.6	11.8	12.1	96	66	93	85	9.3		--	--	7.1	10.3	1.0	00 0	08 2	00 0
24	15.8	22.4	16.4	17.7	24.1	14.2	14.0	12.9	13.6	13.6	13.4	96	66	96	86	10.0		3.2	--	1.2	1.2	1.2	00 0	00 0	00 0
25	16.2	23.4	16.2	18.0	24.8	15.5	14.7	13.3	13.6	12.7	13.2	96	64	92	84	7.7		--	--	11.7	16.9	0.3	00 0	00 0	00 0
26	16.4	19.2	15.3	16.5	23.1	15.0	14.1	13.7	15.1	11.5	13.4	98	91	89	93	9.7		5.2	--	--	--	1.0	00 0	00 0	00 0
27	16.2	23.4	17.3	18.5	26.0	15.5	17.0	12.9	12.9	13.4	13.1	93	60	91	81	8.0		--	--	--	--	1.0	00 0	08 1	00 0
28	16.6	23.6	17.2	18.6	25.0	15.5	14.8	12.8	13.1	13.4	13.1	90	60	91	80	6.3		--	--	--	--	1.0	00 0	00 0	00 0
29																									
30																									
31																									
MED.	15.3	21.4	16.3	17.3	23.8	14.5	13.8	12.0	12.9	12.3	12.4	92	68	88	83	8.5	(4.6)	1.8	0.6	4.0	6.4	0.9	--	--	--

Total 177.9 m.m.

ESTACION Tambo MES Marzo AÑO 1903 φ = 29 23' N λ = 76° 43' W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M.				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.6	23.4	17.3	18.6	25.6	15.5	14.5	11.8	14.6	13.5	13.3	84	67	92	81	7.0	—	—	—	—	—	1.0	00 0	00 0	00 0
2	16.9	24.4	19.1	19.9	25.5	15.0	14.1	12.9	14.5	13.8	13.7	90	63	83	79	8.7	2.8	—	—	—	—	1.2	00 0	00 0	00 0
3	17.0	23.4	18.2	19.2	26.0	15.5	14.1	13.5	13.6	14.3	13.8	93	63	92	83	9.3	0.6	—	—	—	—	1.3	00 0	00 0	00 0
4	17.2	24.3	17.4	19.1	25.5	16.0	15.0	13.2	13.5	13.3	13.3	90	60	90	80	9.3	—	—	—	—	—	1.3	00 0	08 2	00 0
5	14.8	24.3	17.2	18.4	25.0	14.0	12.5	10.8	13.5	11.1	11.8	86	60	75	74	7.7	5.7	—	—	—	—	1.0	00 0	10 1	00 0
6	16.8	23.6	16.1	18.1	25.5	16.5	15.5	11.5	12.5	12.3	12.1	80	57	89	75	6.7	5.8	—	—	2.6	2.6	0.4	00 0	12 1	00 0
7	16.0	24.4	17.4	17.4	25.0	14.8	13.2	13.1	13.4	13.3	13.3	96	58	90	81	9.7	7.9	—	—	0.5	0.5	0.4	00 0	08 1	00 0
8	15.4	21.0	18.0	18.1	21.2	15.0	14.0	11.9	13.0	14.9	13.3	91	70	96	86	9.7	2.8	—	—	0.2	0.2	1.2	00 0	08 1	00 0
9	16.8	23.0	17.6	18.7	23.6	16.5	15.4	13.5	13.8	14.5	13.9	94	65	96	85	10.0	2.8	—	—	10.4	10.4	1.4	00 0	10 1	00 0
10	17.2	23.0	17.0	18.5	23.3	15.5	14.8	14.0	13.2	13.1	13.4	98	64	90	84	7.7	3.8	—	—	—	—	1.0	00 0	06 1	00 0
11	16.1	23.0	17.2	18.4	24.0	15.5	14.6	12.4	13.1	13.2	12.9	90	64	90	81	10.0	3.6	—	—	—	9.4	0.3	04 1	06 1	00 0
12	15.0	18.2	17.0	16.8	22.0	14.5	13.5	12.5	12.6	13.5	12.9	98	80	93	90	—	1.2	9.4	2.7	0.1	6.0	0.2	00 0	00 0	00 0
13	17.0	23.8	16.2	18.3	25.0	16.0	15.5	14.0	12.8	12.4	13.1	96	58	90	81	8.7	1.6	3.2	0.1	3.4	3.5	0.4	00 0	00 0	00 0
14	16.3	24.9	18.0	19.3	26.0	15.7	14.6	13.5	14.0	14.6	14.0	97	60	94	84	6.0	5.6	—	—	—	—	1.3	00 0	00 0	00 0
15	14.3	23.1	17.2	17.9	24.0	13.6	13.0	11.9	13.0	13.5	12.8	48	61	92	84	6.7	7.0	—	—	—	—	1.4	00 0	08 1	30 0
16	17.0	22.2	17.4	18.5	24.0	16.5	15.6	13.1	13.2	14.0	13.4	90	65	94	83	10.0	2.0	—	5.1	—	5.1	0.4	00 0	08 2	00 0
17	16.4	23.7	18.4	19.2	24.6	15.7	15.0	13.7	15.6	13.2	14.2	98	70	83	84	7.7	2.7	—	0.1	0.2	0.3	0.4	00 0	08 2	00 0
18	16.9	23.4	18.4	19.3	24.0	15.7	15.0	13.5	12.9	15.3	13.9	94	60	96	83	10.0	3.0	—	2.1	—	10.6	1.0	00 0	08 2	08 1
19	18.3	20.0	19.0	19.1	22.2	16.5	15.0	12.6	14.1	14.1	13.6	81	80	86	82	7.7	2.6	8.5	1.7	0.2	1.9	0.3	00 0	08 0	00 0
20	16.4	23.4	18.2	19.0	25.0	15.7	15.0	13.4	12.9	14.2	13.5	96	60	91	82	6.3	4.4	—	—	—	—	0.0	00 0	00 0	00 0
21	17.6	24.0	18.3	19.5	25.0	16.5	15.8	13.5	14.6	14.5	14.2	90	65	93	83	6.7	3.5	—	—	—	—	1.0	00 0	08 2	00 0
22	17.0	23.2	17.3	18.7	25.5	16.5	15.5	13.5	14.2	13.7	13.8	93	66	93	84	8.7	2.6	—	—	—	—	1.2	08 1	08 2	00 0
23	18.4	24.2	18.4	19.8	26.6	15.6	14.5	12.8	12.2	12.0	12.3	81	53	75	70	9.7	6.0	—	0.1	—	10.3	1.3	00 0	12 1	00 0
24	16.0	18.2	17.3	17.2	23.6	15.5	15.0	12.7	14.0	14.1	13.6	93	90	96	93	6.7	—	10.2	—	0.7	0.7	0.1	00 0	08 1	00 0
25	15.2	23.8	18.0	18.7	24.3	14.0	13.5	12.3	14.7	13.0	13.3	95	66	04	82	8.0	5.8	—	—	—	13.8	1.2	00 0	12 1	06 2
26	15.4	23.4	17.1	18.2	25.0	14.5	14.1	12.6	12.9	13.2	12.9	96	60	90	82	6.7	2.1	13.8	4.1	0.6	4.7	1.0	00 0	06 1	00 0
27	16.1	24.2	18.2	19.2	26.6	15.[illegible]	14.1	13.5	13.5	11.9	13.0	98	60	76	78	8.0	6.9	—	—	0.4	0.4	1.0	00 0	04 2	00 0
28	15.1	19.2	16.4	17.0	21.0	14[illegible]	14.0	12.9	12.5	13.4	12.9	93	75	96	88	9.3	2.4	—	—	2.1	2.1	1.2	00 0	08 1	30 0
29	15.6	23.4	17.0	18.2	25.6	14.7	14.0	12.2	14.3	13.4	13.3	92	66	92	83	8.0	4.7	—	0.1	1.2	2.0	1.0	00 0	02 2	00 0
30	16.0	23.0	16.4	17.9	25.0	15.0	14.0	12.7	14.0	13.4	13.4	93	66	96	85	9.3	5.2	0.7	—	0.7	1.2	1.0	00 0	06 2	00 0
31	16.2	22.4	17.4	18.3	24.9	15.0	14.0	12.7	14.3	13.7	13.6	92	70	92	85	9.7	3.0	0.5	—	—	—	0.4	00 0	06 2	00 0
MED.	16.4	22.9	17.6	18.6	24.6	15.4	14.5	12.8	13.6	13.5	13.3	92	65	90	82	8.0	3.5	1.5	0.5	0.8	2.8	0.9	— —	— —	— —

Total 85.7 m.m.

ESTACION Tambo MES Abril AÑO 19 63 φ = 20 23' N λ = 76° 43' W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.0	24.3	16.0	18.1	26.0	15.5	14.1	12.8	13.5	12.7	13.0	94	60	93	82	9.7	2.6	—	—	—	9.4	1.2	00 0	00 0	00 0
2	16.0	22.2	17.2	18.1	26.0	15.5	15.0	12.7	13.4	13.0	13.0	93	66	89	83	9.3	1.1	9.4	—	—	15.2	1.0	00 0	08 2	08 2
3	17.0	22.0	17.2	18.3	24.0	16.0	15.5	14.0	11.9	13.2	13.0	96	60	90	82	9.7	4.2	15.2	—	—	6.0	1.0	04 1	08 2	00 0
4	16.0	20.2	15.2	16.6	21.0	15.0	14.0	13.1	11.9	11.9	12.3	96	67	92	85	10.0	0.1	6.0	0.5	0.2	0.7	0.4	00 0	00 0	00 0
5	12.6	20.1	16.2	16.3	23.0	12.0	11.0	9.8	12.4	10.5	10.9	90	70	75	78	9.7	—	—	—	0.8	16.0	0.4	00 0	08 1	00 0
6	14.2	19.4	15.4	16.1	22.2	13.8	13.5	11.8	11.8	12.3	12.0	97	70	94	87	7.7	4.5	15.2	—	—	11.0	0.4	00 0	12 1	000 0
7	15.9	25.0	18.2	19.3	25.5	15.0	14.2	13.3	16.7	14.8	14.9	99	70	96	88	10.0	4.8	11.0	1.3	—	1.8	1.0	00 0	00 0	00 0
8	17.0	22.2	19.9	19.7	24.0	15.0	14.2	13.1	13.7	15.9	14.2	90	68	92	83	9.3	6.0	0.5	—	—	—	1.3	00 0	12 1	00 0
9	15.4	24.0	17.0	18.3	25.0	15.0	14.2	12.7	13.5	13.2	13.1	97	60	91	83	6.7	7.4	—	—	—	1.8	2.0	08 1	08 2	00 0
10	15.4	23.8	18.1	18.8	26.0	15.0	13.9	12.6	15.1	14.5	14.1	96	68	93	86	7.3	5.2	1.8	—	—	2.1	1.3	00 0	06 2	00 0
11	18.0	22.2	20.2	20.1	24.0	17.0	15.5	14.9	14.1	17.1	15.4	96	70	96	87	7.7	0.8	2.1	2.6	—	2.6	0.4	08 1	00 0	00 0
12	17.0	23.2	19.2	19.8	25.0	16.0	15.5	14.6	15.0	16.5	15.4	100	70	99	90	10.0	2.2	—	0.5	5.9	7.2	0.4	00 0	00 0	00 0
13	17.7	24.4	19.0	20.0	25.5	17.0	15.5	15.0	15.0	14.8	14.9	98	65	90	84	7.3	1.2	0.8	—	—	0.9	1.2	00 0	08 1	00 0
14	17.0	22.1	17.0	18.3	24.0	16.5	15.6	12.2	14.1	12.9	13.1	84	70	89	81	8.3	5.3	0.9	—	—	—	1.0	00 0	00 0	00 0
15	16.6	24.4	15.0	17.7	25.8	15.3	14.4	12.9	12.6	12.5	12.7	92	55	98	82	9.3	5.1	—	—	9.5	9.5	1.2	00 0	06 2	00 0
16	14.8	23.4	17.4	18.2	26.5	14.5	14.0	12.4	13.6	13.2	13.1	98	64	89	84	8.0	2.7	—	—	1.2	1.2	0.8	16 1	00 0	00 0
17	16.3	23.4	19.0	19.4	24.4	15.5	14.6	12.9	14.0	14.9	13.9	93	65	911	83	7.7	1.5	—	—	—	—	1.0	00 0	06 1	00 0
18	17.3	23.2	16.3	18.3	25.4	16.0	15.0	14.4	15.6	13.5	14.5	98	73	98	90	8.7	--	—	0.2	3.4	3.6	0.4	00 0	00 0	00 0
19	16.2	24.0	17.0	18.5	26.3	15.4	14.7	12.7	13.5	13.4	13.2	92	60	92	81	8.0	6.0	—	—	3.7	24.5	1.3	00 0	08 2	00 0
20	15.2	22.6	17.2	18.0	24.0	14.5	13.6	12.4	13.6	13.5	13.2	96	66	92	85	8.7	3.4	20.8	2.0	0.5	5.7	1.0	00 0	00 0	00 0
21	15.1	24.2	18.0	18.8	25.5	14.0	13.1	12.7	14.3	14.0	13.7	98	63	91	84	6.0	2.3	3.2	—	—	—	1.0	00 0	08 2	08 1
22	16.0	25.0	19.2	19.8	26.0	15.0	14.3	12.3	13.1	12.6	12.7	90	55	76	74	4.0	7.6	—	—	—	—	2.0	00 0	12 1	00 0
23	15.5	24.8	17.4	18.8	26.6	14.5	14.0	11.5	13.0	13.3	12.6	87	55	90	77	5.0	6.2	—	—	0.2	0.2	4.0	00 0	00 0	00 0
24	16.7	22.0	17.2	18.3	23.6	16.0	15.1	12.9	13.8	14.1	13.6	90	70	96	85	8.7	0.7	—	2.6	1.9	4.5	1.0	00 0	04 2	00 0
25	16.4	23.2	18.4	19.1	25.4	15.7	15.0	12.5	12.8	13.0	12.8	89	60	82	77	6.7	3.2	—	—	—	—	1.3	00 0	00 0	00 0
26	18.1	25.6	19.1	20.5	26.0	16.5	15.4	13.8	13.8	11.7	13.0	90	55	70	72	4.0	8.0	—	—	—	—	2.3	00 0	06 1	00 0
27	18.3	25.3	18.0	19.9	26.5	16.0	15.0	14.0	15.8	14.0	14.6	90	66	91	82	8.7	0.9	—	—	1.7	1.7	0.4	00 0	12 2	00 0
28	17.2	21.6	17.0	18.2	23.5	16.6	16.0	14.1	15.0	13.5	14.2	96	78	93	89	10.0	0.4	—	—	3.2	5.7	1.2	00 0	10 1	00 0
29	16.3	22.3	17.1	18.2	23.0	15.5	15.0	12.9	13.6	13.4	13.3	93	66	91	83	9.7	0.6	2.5	—	0.2	3.2	0.3	00 0	00 0	00 0
30	16.0	22.3	16.2	17.7	24.5	15.0	14.1	12.7	16.5	13.5	14.2	93	82	90	91	8.0	4.8	3.0	11.8	0.4	12.4	0.4	00 0	08 1	06 1
31																									
MED.	16.2	23.1	17.5	18.6	24.8	15.3	14.5	13.0	13.9	13.6	13.5	94	66	90	83	8.1	3.3	3.1	0.7	1.1	4.9	1.1	— —	— —	— —

Total 146.9 m.m.

ESTACION Tambo MES Mayo AÑO 1963 φ = 20° 23' N λ = 70° 43' W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	17.5	23.0	16.3	18.3	23.8	16.8	15.5	14.7	14.8	13.5	14.3	98	70	98	89	8.7	3.0	0.2	—	7.9	13.2	1.0	00 0	00 0	00 0
2	16.0	19.8	15.4	16.6	22.0	15.0	14.5	12.4	12.0	12.6	12.3	91	70	96	86	10.0	0.5	5.3	0.3	1.7	2.2	1.0	00 0	12 2	00 0
3	16.0	24.0	17.5	18.7	24.2	15.0	14.5	12.5	13.5	13.1	13.0	92	60	88	80	8.3	7.8	0.2	—	0.1	0.2	0.7	00 0	00 0	00 0
4	16.8	24.6	18.2	19.4	25.2	16.0	15.0	13.4	15.2	14.0	14.2	93	66	90	83	8.0	4.8	0.1	—	—	—	1.8	00 0	06 1	00 0
5	17.8	24.6	18.4	18.8	26.4	17.0	16.0	13.8	13.9	12.5	13.4	91	60	89	80	9.7	4.7	—	—	1.1	2.6	1.0	00 0	06 1	00 0
6	15.8	23.6	16.2	17.9	25.6	15.0	14.0	12.7	14.4	13.5	13.5	94	65	98	86	9.7	3.0	1.5	—	10.3	16.6	1.2	00 0	10 1	00 0
7	17.1	19.0	18.1	18.1	26.6	15.8	14.0	14.1	12.9	14.5	13.8	96	78	93	89	7.7	0.4	6.3	—	0.6	2.8	0.4	00 0	00 0	00 0
8	16.0	23.1	16.4	18.0	25.8	15.0	14.5	12.7	12.8	13.4	13.0	93	60	96	83	8.7	3.8	2.2	—	9.8	12.3	1.2	00 0	00 0	00 0
9	16.0	24.2	16.2	18.1	25.3	15.5	15.0	12.7	12.6	12.6	12.6	93	55	91	80	8.7	5.0	2.5	—	0.3	8.5	1.3	00 0	00 0	00 0
10	15.4	18.2	16.0	16.4	22.3	15.0	14.3	12.7	12.6	12.7	12.7	97	80	93	90	10.0	—	0.2	20.7	—	20.4	0.4	08 1	00 0	00 0
11	16.4	25.2	18.0	19.4	26.3	15.0	14.1	12.5	14.4	14.0	13.6	89	60	91	80	6.3	6.5	5.7	—	1.9	7.3	1.0	00 0	00 0	00 0
12	15.4	21.0	18.2	18.2	23.0	15.0	14.7	12.7	13.0	14.3	13.3	97	70	92	86	9.7	1.5	5.4	0.2	2.2	2.4	1.3	00 0	08 1	00 0
13	17.0	24.0	17.0	18.7	25.5	16.5	16.0	13.2	14.9	13.5	13.9	91	66	90	82	9.3	2.1	—	—	—	—	1.3	00 0	08 1	00 0
14	17.2	18.4	16.0	16.9	23.0	11.5	16.0	13.2	14.4	12.3	13.3	90	91	90	90	9.7	0.7	—	—	—	3.2	3.2	00 0	08 1	00 0
15	16.1	23.0	17.0	18.3	25.4	15.5	15.0	12.7	14.8	13.5	13.7	92	70	93	85	7.3	1.3	3.2	—	—	—	1.0	00 0	00 0	00 0
16	15.4	22.4	17.4	18.1	26.0	15.0	14.3	11.9	12.1	13.2	12.4	91	60	89	80	4.7	7.9	—	—	—	—	1.0	00 0	06 2	00 0
17	17.2	22.3	17.0	18.4	25.5	16.0	15.0	13.4	12.6	13.5	13.2	91	64	93	83	6.3	4.2	—	2.3	—	2.3	0.4	00 0	00 0	00 0
18	16.1	25.0	18.0	19.3	25.6	15.7	15.0	12.4	13.1	14.1	13.2	90	55	92	79	5.0	4.8	—	—	—	—	1.2	00 0	04 2	00 0
19	16.4	24.2	16.4	18.3	25.6	15.6	14.9	13.1	15.1	13.4	13.9	93	66	96	85	6.0	2.3	—	—	—	—	1.0	00 0	08 1	00 0
20	16.0	24.1	18.0	19.5	25.5	15.0	14.1	12.7	12.6	12.5	12.6	93	55	76	75	3.7	7.7	—	—	—	—	2.0	00 0	04 1	00 0
21	16.0	24.2	18.3	19.2	26.3	15.0	14.3	11.4	12.0	13.1	12.2	84	53	84	74	5.7	4.9	—	—	—	—	2.0	00 0	06 1	08 2
22	15.4	25.7	18.0	19.3	26.6	15.0	14.6	12.8	12.5	12.2	12.5	96	50	78	75	2.3	—	—	—	—	—	2.3	00 0	04 1	00 0
23	18.2	25.2	19.0	20.3	27.5	16.0	15.0	12.6	12.8	13.8	13.1	81	53	84	73	5.3	5.0	—	—	—	—	2.0	00 0	08 2	00 0
24	16.5	24.0	18.2	19.2	26.0	15.0	14.1	11.2	13.0	14.1	12.8	80	58	92	77	8.3	0.6	—	0.6	1.0	1.5	1.0	00 0	00 0	00 0
25	17.2	24.1	17.6	19.1	26.0	16.0	15.3	13.7	13.5	13.2	13.5	93	60	88	80	8.0	2.3	—	—	—	—	1.4	00 0	06 1	00 0
26	15.0	26.0	18.2	19.3	27.0	14.1	13.1	11.5	12.7	11.8	12.0	90	50	75	72	5.7	5.7	—	—	—	—	2.0	00 0	06 1	00 0
27	16.0	24.7	19.3	19.8	26.3	15.3	14.0	12.0	12.6	12.5	12.4	88	53	75	72	7.0	4.8	—	—	—	0.4	2.0	00 0	06 2	00 0
28	16.2	24.1	18.3	19.2	26.5	15.5	15.0	12.6	11.4	13.1	12.4	91	50	84	75	8.0	4.9	0.4	—	—	—	1.0	00 0	06 1	00 0
29	15.3	25.1	20.3	20.2	26.5	14.8	14.0	11.7	12.8	12.4	12.3	91	53	70	71	7.0	6.4	—	—	—	—	2.3	00 0	00 0	08 1
30	15.5	26.0	19.0	19.9	27.5	14.2	13.0	10.5	13.4	11.5	11.8	80	53	70	68	3.3	2.4	—	—	—	—	2.4	00 0	00 0	08 1
31	14.4	25.6	17.4	18.7	26.5	13.5	13.0	11.0	14.0	10.6	11.9	90	57	72	73	7.7	8.3	—	—	—	—	1.4	00 0	08 1	00 0
MED.	16.2	23.5	17.6	18.7	25.5	15.4	14.8	12.6	13.3	13.1	13.0	91	62	87	80	7.3	3.8	1.1	0.8	1.2	3.0	1.4	— —	— —	— —

Total 93.9 m.m.

ESTACION Tambo MES Junio AÑO 1963 φ = 20° 23' N λ = 76° 43' W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.5	26.4	18.6	19.8	27.4	14.5	13.5	10.5	13.0	12.9	12.1	80	50	80	70	5.7	7.3	--	--	--	--	2.2	00 0	08 1	00 0
2	17.2	24.6	18.2	19.5	26.3	16.5	15.0	13.4	12.6	11.9	12.6	91	54	76	74	10.0	5.5	--	--	--	--	2.0	00 0	12 1	00 0
3	15.3	26.4	16.3	18.6	27.5	15.0	14.0	10.3	13.0	11.2	11.5	80	50	82	71	8.0	0.2	--	--	--	--	2.0	00 0	00 0	00 0
4	15.8	26.2	16.2	18.1	26.5	15.0	14.3	11.4	13.5	12.6	12.5	85	60	91	79	8.3	7.0	--	--	--	--	1.0	00 0	06 2	00 0
5	16.0	24.0	19.2	19.6	25.3	15.0	14.1	12.7	12.4	13.8	13.0	93	56	83	77	7.7	--	--	--	--	--	2.0	00 0	00 0	00 0
6	17.0	27.0	20.4	21.2	28.0	16.0	15.0	12.0	13.4	12.6	12.7	83	50	70	68	6.7	6.7	--	--	--	--	3.0	00 0	12 2	08 4
7	16.2	26.1	17.0	19.1	27.6	15.5	14.7	16.2	13.0	10.7	11.6	81	50	73	68	2.7	8.2	--	--	--	--	3.2	00 0	06 2	00 0
8	17.0	25.6	18.0	19.6	27.5	16.5	16.0	10.7	13.6	11.6	12.0	73	55	75	68	7.3	5.2	--	--	--	--	3.0	00 0	08 2	08 2
9	15.4	22.0	17.8	18.2	24.0	15.0	14.6	12.6	12.4	13.5	12.8	96	64	92	84	8.7	1.8	--	--	0.9	1.5	1.0	00 0	04 1	00 0
10	17.0	22.8	18.0	18.9	24.5	16.0	15.3	13.2	12.5	14.1	13.3	91	80	92	81	8.7	2.6	0.6	--	0.4	8.0	1.0	08 1	06 1	00 0
11	15.0	17.0	15.2	15.6	24.6	14.0	13.0	11.8	12.0	12.0	11.9	93	82	93	89	8.9	0.8	7.8	1.5	0.6	4.5	0.3	00 0	00 0	00 0
12	15.1	23.8	16.2	17.8	24.5	14.5	13.3	12.0	13.3	12.9	12.7	93	80	93	82	10.0	0.7	2.5	--	2.5	12.3	1.0	00 0	00 0	00 0
13	15.0	18.4	16.4	16.5	24.5	14.4	13.7	11.8	12.2	13.4	12.5	93	77	96	89	10.0	0.1	9.8	2.1	2.6	32.9	1.0	00 0	00 0	00 0
14	14.2	20.1	17.4	17.2	24.6	13.9	13.0	11.2	14.3	13.9	13.1	93	80	93	89	9.7	7.2	28.2	0.2	--	0.2	0.4	08 1	08 2	00 0
15	14.0	23.4	16.4	17.5	24.6	13.5	12.0	11.2	14.0	12.6	12.6	94	65	90	83	8.0	4.3	--	--	2.5	2.6	0.4	08 1	08 2	00 0
16	16.2	23.8	16.8	18.3	24.5	15.0	14.5	13.5	13.1	13.1	13.2	98	60	91	83	8.3	2.3	0.1	0.3	0.1	1.6	1.0	00 0	08 1	00 0
17	17.8	24.2	19.6	20.3	25.3	15.9	15.0	13.2	14.3	12.0	13.2	86	63	70	73	5.0	7.1	1.2	--	--	--	2.4	00 0	08 2	08 3
18	16.6	23.6	19.0	19.5	25.5	12.5	9.0	12.9	13.0	11.6	12.5	91	64	71	75	8.0	9.5	--	--	--	--	2.0	00 0	08 2	00 0
19	16.4	24.8	19.6	20.1	26.0	11.0	9.5	11.4	9.8	10.4	10.5	82	42	60	61	5.0	10.9	--	--	--	--	3.0	08 1	08 3	08 3
20	16.0	24.8	16.8	18.6	26.5	12.5	11.5	9.8	9.4	9.4	9.5	72	40	65	59	6.7	7.7	--	--	--	--	3.4	08 1	06 2	00 0
21	14.6	25.0	16.6	18.2	26.5	12.5	10.5	11.5	10.0	9.2	10.2	93	42	65	67	6.7	10.4	--	--	--	--	3.0	00 0	08 1	08 1
22	16.3	25.4	17.8	19.3	26.5	10.5	9.5	10.5	10.0	9.8	10.1	75	42	64	60	6.0	10.2	--	--	--	--	4.0	00 0	00 0	08 1
23	16.3	25.4	19.0	19.9	27.0	11.0	10.0	10.6	10.2	8.7	9.8	76	42	50	56	4.7	9.7	--	--	--	--	4.3	00 0	08 2	08 1
24	14.4	23.4	19.0	18.9	25.5	12.0	11.0	10.6	10.8	8.7	10.0	87	50	50	62	8.0	4.3	--	--	--	--	3.2	00 0	06 1	08 3
25	17.0	26.0	17.8	19.6	27.0	13.5	12.5	11.6	10.5	13.2	11.8	80	42	87	70	7.0	7.2	--	--	--	--	2.3	00 0	00 0	00 0
26	15.6	22.0	16.8	17.6	24.0	13.0	12.0	11.0	13.8	13.4	12.7	84	70	93	82	8.3	5.1	--	--	--	--	1.0	00 0	00 0	00 0
27	16.6	23.0	18.2	19.0	25.6	14.8	13.6	12.8	12.6	13.1	12.8	90	60	84	78	8.0	7.2	--	--	--	--	1.0	08 1	08 1	00 0
28	16.4	22.6	18.6	19.0	25.5	15.2	14.2	12.7	13.6	13.4	13.2	91	66	83	80	8.0	4.6	--	--	--	--	1.3	00 0	06 1	08 2
29	15.0	22.6	19.4	19.1	24.5	13.8	13.0	11.6	14.5	13.2	13.1	91	70	78	80	8.0	4.5	--	--	2.8	2.8	1.4	00 0	08 1	08 2
30	16.2	23.8	20.2	20.1	25.5	14.8	13.6	12.6	9.3	11.6	11.2	91	42	66	66	8.3	7.2	--	--	--	--	2.2	00 0	06 1	08 3
31																									
MED.	15.9	23.7	17.9	18.8	25.8	14.1	13.0	11.7	12.3	12.0	12.0	87	57	78	74	7.6	5.5	1.7	0.1	0.4	2.2	2.0	--	--	--

Total 66.5 m.m.

ESTACION Tambo MES Julio AÑO 1963 φ = 20 27' N λ = 70 43' W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.6	25.0	20.0	20.4	26.0	14.0	13.0	12.9	13.9	14.4	13.7	91	58	83	77	8.0	7.5	—	—	—	—	2.0	00 0	00 0	00 0
2	16.0	20.0	16.0	17.0	22.8	14.7	13.8	11.4	9.4	9.4	10.1	84	53	70	69	4.0	10.1	—	—	—	—	4.1	00 0	08 1	00 0
3	13.4	25.3	21.1	20.2	26.5	13.0	12.5	11.0	9.6	11.3	10.6	96	40	60	65	5.3	7.9	—	—	—	—	5.2	00 0	08 1	06 2
4	14.9	24.1	17.0	18.2	26.0	12.5	11.6	11.8	9.6	9.5	10.3	94	42	65	67	4.3	7.2	—	—	—	—	1.8	00 0	10 1	00 0
5	16.0	25.1	16.8	18.7	25.8	13.8	12.0	11.7	10.5	10.0	10.7	86	44	70	67	5.0	6.7	—	—	—	—	3.3	00 0	08 1	00 0
6	14.7	20.0	15.0	16.2	26.0	12.0	10.5	11.3	14.7	12.7	12.9	90	84	99	91	7.3	8.2	—	—	26.5	26.5	2.2	00 0	00 0	00 0
7	13.4	25.0	18.0	18.6	26.0	13.0	12.2	11.0	10.4	13.8	11.7	96	42	90	76	7.7	6.1	—	—	—	5.0	1.2	00 0	14 1	00 0
8	17.0	25.0	15.8	18.4	26.0	15.8	14.6	13.7	16.7	12.9	14.4	94	70	96	87	8.7	4.7	5.0	—	4.0	4.0	1.1	08 1	08 1	00 0
9	16.4	23.1	16.8	18.2	24.5	15.0	14.0	13.4	11.8	11.1	12.1	96	55	77	76	6.7	0.9	—	—	—	0.1	1.0	00 0	00 0	00 0
10	18.2	19.9	18.0	18.0	21.6	16.0	14.0	13.0	14.2	13.8	13.7	94	83	90	89	9.7	3.2	0.1	4.1	0.1	7.9	0.2	00 0	00 0	00 0
11	16.0	20.2	18.0	18.0	23.0	15.0	14.0	12.6	14.6	13.4	13.5	90	82	86	86	8.7	3.3	3.7	4.3	—	4.3	1.2	00 0	00 0	00 0
12	16.1	20.4	15.0	16.6	23.6	15.5	13.5	12.9	10.9	12.3	12.0	93	60	96	83	7.0	4.6	—	0.2	2.1	2.3	1.0	00 0	00 0	00 0
13	15.0	22.6	16.2	17.5	25.5	13.8	13.0	12.5	11.7	12.9	12.7	98	57	93	83	6.3	5.6	—	0.1	—	0.1	1.0	00 0	00 0	00 0
14	16.0	25.0	17.7	19.1	25.5	14.8	13.7	13.4	10.6	14.2	12.7	98	45	93	79	9.0	5.0	—	—	1.5	2.1	0.4	00 0	06 2	00 0
15	17.0	21.0	15.8	17.4	22.0	16.3	15.0	14.2	13.0	13.2	13.5	98	70	98	89	8.0	5.3	0.6	—	18.5	19.5	0.4	00 0	00 0	00 0
16	15.2	20.2	16.0	16.8	22.0	14.8	14.0	12.6	12.3	13.7	13.0	97	69	100	89	8.0	3.4	1.0	1.1	—	1.1	1.0	00 0	00 0	00 0
17	14.4	23.0	14.8	16.6	24.0	13.8	13.0	11.6	10.6	9.9	10.7	96	50	80	75	7.0	6.1	—	—	—	—	1.0	00 0	00 0	00 0
18	12.6	25.6	16.6	17.8	26.5	12.0	11.0	10.5	13.6	11.6	11.9	96	55	82	78	5.3	9.9	—	—	—	—	3.0	00 0	00 0	00 0
19	14.2	21.4	17.2	17.5	24.0	14.0	13.0	11.6	13.3	14.4	13.1	96	70	98	88	7.7	5.4	—	0.9	—	0.9	1.0	00 0	00 0	08 2
20	15.4	24.8	18.4	18.2	26.0	14.0	13.0	12.2	10.9	14.1	12.4	93	47	100	80	6.7	7.5	—	—	10.3	10.3	2.0	00 0	06 2	00 0
21	13.4	23.0	16.6	17.4	24.5	12.0	10.6	11.6	10.6	13.7	12.0	100	50	97	82	8.0	4.6	—	—	16.3	18.9	0.4	00 0	08 1	00 0
22	15.6	22.2	19.0	16.4	23.0	14.0	13.4	13.3	11.2	12.3	12.3	100	55	75	77	7.0	6.4	2.6	—	—	—	3.0	00 0	08 2	08 3
23	17.0	21.0	16.0	17.5	22.5	16.6	15.5	10.2	9.8	8.8	9.6	70	53	66	63	5.3	7.9	—	—	—	—	5.4	00 0	08 4	08 2
24	16.2	24.6	17.0	18.7	25.0	13.3	12.5	10.0	12.6	10.2	10.9	72	54	70	65	5.7	8.8	—	—	—	—	5.0	08 1	08 1	00 0
25	12.6	24.4	16.8	17.6	25.0	10.0	9.0	9.8	9.2	9.4	9.5	90	40	65	65	5.7	8.4	—	—	—	—	4.2	00 0	08 1	00 0
26	16.6	21.0	17.0	17.9	22.0	14.0	12.6	10.0	13.0	10.2	11.1	70	70	70	70	7.3	1.2	—	—	—	—	2.3	00 0	00 0	08 1
27	15.2	23.4	18.6	18.9	24.0	13.0	12.5	9.6	14.6	11.2	11.7	75	66	70	70	6.7	7.3	—	—	—	—	3.4	08 1	08 2	00 0
28	15.6	22.8	17.4	18.3	24.0	15.0	14.0	11.3	9.8	11.9	11.0	85	47	80	71	8.0	5.0	—	—	—	—	2.0	00 0	08 2	00 0
29	14.8	23.2	16.0	17.5	24.0	13.6	12.0	10.8	9.8	10.8	10.5	86	46	80	71	7.3	7.8	—	—	0.5	0.5	2.0	08 1	08 2	00 0
30	13.8	24.0	17.6	18.2	25.0	12.0	10.0	10.5	8.9	12.1	10.5	90	40	80	70	6.7	8.2	—	0.2	—	0.2	1.4	00 0	00 0	00 0
31	14.8	21.8	16.4	17.2	22.6	14.0	13.0	11.2	10.5	12.6	11.4	90	55	90	78	9.3	7.1	—	1.4	3.8	15.1	2.1	00 0	00 0	00 0
MED.	14.8	22.8	17.0	17.9	24.4	13.9	12.8	11.7	11.7	12.0	11.8	90	57	83	77	7.1	6.2	0.4	0.4	2.7	3.8	2.1	— —	— —	— —

Total 118.8 m.m.

ESTACION Tambo MES Agosto AÑO 1963 φ = 29 23' N λ = 76° 43' W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.0	18.0	15.6	16.9	20.6	14.8	14.0	12.8	12.4	12.8	12.7	100	80	96	92	10.0	2.3	9.9	—	1.8	1.8	0.3	00 0	12 1	04 1
2	14.8	22.8	15.4	17.1	23.0	14.5	14.0	12.1	9.8	12.2	11.4	96	47	93	79	7.0	3.6	—	—	3.5	3.5	1.0	00 0	04 1	00 0
3	12.6	21.0	15.2	16.0	24.0	11.6	10.6	10.5	13.9	11.6	12.0	96	75	90	87	6.7	4.5	—	9.3	—	9.3	0.4	00 0	08 1	00 0
4	13.8	25.0	18.0	16.2	26.0	13.0	12.0	11.4	12.2	12.4	12.0	98	51	80	76	4.3	9.9	--	—	—	—	1.4	00 0	08 2	00 0
5	13.8	24.0	18.4	18.6	25.5	13.0	11.5	11.6	10.2	10.6	10.8	98	46	66	70	8.3	5.8	—	—	—	—	2.0	00 0	08 1	00 0
6	16.2	23.2	19.4	20.0	24.5	14.0	13.5	10.4	8.5	10.7	9.9	66	40	63	56	6.3	3.0	—	—	—	—	3.0	08 2	00 0	08 2
7	14.4	23.0	17.6	18.1	24.0	13.0	11.8	10.1	11.5	12.7	11.4	83	64	84	74	9.0	4.7	—	—	0.4	0.4	1.0	00 0	12 1	00 0
8	14.4	23.8	18.8	18.9	24.5	13.0	11.9	11.0	10.6	9.9	10.5	90	48	60	66	6.3	6.4	—	—	—	—	1.8	00 0	06 1	08 1
9	11.4	24.0	17.6	17.6	25.0	10.0	9.5	8.7	8.9	9.6	9.1	85	37	64	62	4.7	7.6	—	—	—	—	5.0	00 0	08 1	08 1
10	13.2	23.4	19.2	18.7	24.5	12.8	11.0	8.9	8.5	7.3	8.2	78	38	44	53	6.7	6.9	—	—	—	—	4.0	00 0	08 2	08 4
11	15.4	23.4	18.2	18.8	25.4	13.5	12.5	9.5	8.5	7.4	8.5	73	38	47	53	5.0	9.0	--	—	—	—	5.0	08 1	08 5	00 0
12	14.4	23.2	18.0	18.4	24.0	13.6	12.0	10.1	8.5	9.9	9.5	83	40	64	62	7.0	6.3	—	—	—	—	5.0	00 0	08 5	00 0
13	15.0	25.4	18.4	19.3	26.0	14.0	13.0	11.1	10.4	11.1	10.9	87	43	70	67	5.7	8.6	—	—	—	—	4.4	08 1	08 1	00 0
14	14.0	21.8	16.8	17.3	24.9	12.5	11.5	10.8	14.6	12.0	12.5	90	74	84	83	7.0	6.4	—	0.2	1.5	1.7	1.4	00 0	08 1	08 1
15	14.2	22.6	19.0	18.7	23.0	13.5	12.0	11.4	10.4	11.5	11.1	94	50	70	71	7.3	5.4	—	—	—	0.2	0.2	08 1	08 1	08 2
16	13.2	23.0	19.0	19.8	24.0	13.0	12.5	13.1	8.5	10.8	10.8	84	38	66	63	7.0	5.4	0.2	—	—	—	5.4	08 2	08 5	08 4
17	16.2	24.2	18.8	19.5	24.5	13.9	12.5	10.2	12.7	10.7	11.2	73	56	66	65	6.3	5.7	—	—	—	—	5.0	00 0	08 4	08 1
18	12.8	22.8	17.6	17.7	24.0	12.0	10.5	9.5	9.0	10.6	9.7	86	43	70	66	6.7	3.7	--	—	—	—	3.0	00 0	00 0	00 0
19	15.2	23.1	16.2	17.7	24.0	14.6	13.5	12.4	11.8	12.3	12.2	96	55	89	80	9.0	2.4	--	—	—	—	1.0	00 0	12 1	10 2
20	15.8	21.0	16.8	17.6	22.5	14.0	13.0	12.5	8.6	13.1	11.4	93	45	90	76	9.0	3.0	—	—	9.9	9.9	1.0	00 0	00 0	00 0
21	14.8	23.6	17.8	18.5	24.0	13.8	12.5	12.1	9.6	13.2	11.6	96	44	87	76	7.7	3.4	--	—	—	—	0.3	00 0	00 0	00 0
22	14.6	23.6	19.2	19.1	25.3	13.6	12.0	11.7	10.3	13.1	11.7	94	47	78	73	7.0	6.0	—	—	—	—	2.0	00 0	08 1	00 0
23	14.6	21.8	17.8	18.0	23.0	14.0	13.0	11.5	11.1	12.0	11.5	92	57	78	76	6.3	7.0	--	—	—	—	1.0	00 0	08 1	00 0
24	14.0	24.0	17.6	18.3	25.5	12.6	10.6	10.5	9.2	12.6	10.8	90	42	83	72	4.7	5.3	—	—	—	—	1.0	00 0	00 0	00 0
25	12.2	23.2	18.8	18.2	25.0	11.6	10.5	10.4	10.8	11.2	10.8	98	50	70	73	5.0	8.7	—	—	—	—	1.0	00 0	08 1	00 0
26	15.8	25.0	16.6	18.5	26.0	15.0	14.0	12.1	10.1	11.3	11.2	90	43	80	71	5.7	7.0	—	—	3.6	3.6	2.0	00 0	08 2	08 1
27	14.4	25.4	18.8	19.3	26.0	12.8	12.0	11.1	11.2	10.3	10.9	91	46	63	67	6.7	7.5	--	—	—	—	3.0	00 0	08 1	00 0
28	13.4	24.2	19.2	19.0	26.5	13.0	12.0	9.1	11.4	8.0	9.5	79	50	48	59	6.0	10.4	—	—	—	—	4.0	00 0	00 0	08 2
29	13.0	26.4	19.2	19.4	27.0	10.6	9.6	8.9	13.5	10.0	10.8	80	52	60	64	5.3	10.4	--	—	—	—	5.0	00 0	08 2	00 0
30	14.6	28.0	19.6	20.4	28.5	11.0	10.0	9.2	11.9	8.3	9.8	74	42	48	55	5.7	6.5	—	—	—	—	5.0	08 1	06 2	00 0
31	17.1	24.2	18.0	19.3	25.5	14.0	13.6	10.7	9.2	11.6	10.5	73	40	75	63	6.0	1.0	—	—	—	—	5.0	00 0	08 4	00 0
MED.	14.5	23.5	17.9	18.4	24.7	13.1	12.0	10.8	10.6	11.0	10.8	87	49	72	69	6.6	5.9	0.3	0.3	0.6	1.0	2.5	— —	— —	— —

Total 30.1 m.m.

ESTACION Tambo MES Septiembre AÑO 19 63 φ = 20 23' N λ = 70 43 W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.8	25.0	19.4	19.9	26.5	13.5	12.0	10.5	10.4	10.5	10.5	79	44	62	62	7.0	7.8	--	--	--	--	3.0	08 1	08 3	08 2
2	14.0	26.0	20.4	20.2	26.6	9.5	9.0	10.3	10.2	13.0	11.2	86	40	73	66	8.0	7.0	--	--	--	--	3.0	00 0	00 0	08 1
3	14.0	25.6	19.6	19.7	26.0	12.0	11.5	8.5	9.8	8.6	9.0	72	40	50	54	3.7	10.1	--	--	--	--	7.0	00 0	08 3	08 2
4	15.2	24.0	19.0	19.3	26.6	12.6	11.5	10.1	8.9	8.3	9.1	78	40	50	56	7.0	8.7	--	--	--	--	4.6	00 0	00 0	00 0
5	14.8	25.4	18.4	19.2	25.5	12.6	11.6	10.4	9.8	11.4	10.5	84	40	72	65	7.7	6.4	--	--	--	--	3.0	00 0	08 1	00 0
6	13.3	24.2	19.2	18.9	25.0	10.4	9.5	10.7	10.1	11.0	10.6	90	45	65	67	9.0	4.3	--	--	--	--	3.2	06 1	08 4	00 0
7	16.4	22.4	18.8	19.1	23.5	14.5	14.0	12.3	10.3	9.9	10.8	88	50	60	66	8.0	3.6	--	--	--	--	2.2	00 0	00 0	08 1
8	15.0	19.0	17.3	17.1	22.5	14.3	13.5	11.8	13.8	13.7	13.1	93	84	93	90	9.7	1.3	--	0.5	0.1	0.6	0.6	00 0	12 1	00 0
9	15.2	24.2	19.8	19.7	25.0	14.0	13.5	11.7	9.2	13.0	11.3	91	40	75	69	7.7	4.2	--	--	--	--	0.6	00 0	00 0	00 0
10	15.4	22.6	18.2	18.6	23.0	14.8	13.6	12.6	10.4	13.0	12.0	96	50	83	76	7.3	0.9	--	--	--	--	0.4	00 0	12 1	00 0
11	16.4	23.4	19.2	19.5	25.0	14.9	14.0	13.0	10.4	11.4	11.8	90	48	72	70	7.7	3.7	--	--	--	--	2.0	00 0	00 0	000 0
12	15.2	23.8	19.0	19.2	24.0	13.0	12.0	12.0	9.9	9.1	10.3	93	45	55	64	6.7	1.9	--	--	0.1	0.1	2.2	00 0	08 1	00 0
13	13.8	26.6	19.4	19.8	27.5	13.0	12.0	10.9	11.8	11.4	11.4	92	44	68	68	8.7	6.9	--	--	--	--	2.0	00 0	00 0	00 0
14	15.4	26.8	17.4	19.2	27.0	13.0	12.0	12.3	11.3	13.2	12.3	94	44	90	76	9.7	6.0	--	--	1.9	2.0	2.0	08 3	08 1	00 0
15	13.6	24.4	17.5	18.2	25.0	12.0	11.0	10.5	10.4	10.5	10.5	90	46	71	69	7.0	1.6	0.1	--	--	--	2.0	00 0	12 2	00 0
16	13.8	26.2	17.6	18.8	27.0	12.0	11.0	11.0	11.0	11.3	11.1	92	42	75	70	8.0	5.5	--	--	--	--	3.0	00 0	08 1	00 0
17	12.2	24.2	17.4	17.8	24.5	11.0	10.0	9.6	12.0	11.7	11.1	90	53	77	73	7.3	3.0	--	--	--	--	2.0	00 0	12 1	00 0
18	15.8	21.2	15.8	17.1	22.5	14.0	13.0	12.5	10.3	12.0	11.6	92	55	88	78	7.0	--	--	--	--	--	1.0	00 0	08 1	00 0
19	13.6	23.6	16.0	17.3	24.0	11.6	10.5	10.5	9.6	12.4	10.8	90	44	91	75	7.7	3.2	--	--	4.2	4.2	1.4	00 0	00 0	00 0
20	14.0	23.2	16.8	17.7	24.2	13.5	12.5	12.1	13.8	12.7	12.9	100	65	90	85	6.3	4.0	--	--	1.4	1.4	0.3	00 0	00 0	00 0
21	16.8	23.2	16.4	18.2	23.6	15.4	14.5	13.4	10.8	12.7	12.3	93	50	91	78	8.0	2.6	--	0.9	--	0.9	1.4	00 0	00 0	00 0
22	14.4	21.0	16.0	16.8	22.5	13.5	12.0	12.0	12.3	12.7	12.3	98	66	93	86	7.7	0.5	--	--	--	--	0.8	00 0	08 2	00 0
23	15.0	22.0	18.0	18.2	23.5	13.9	13.0	12.5	12.4	12.5	12.5	98	63	81	81	6.3	1.5	--	--	--	--	0.4	00 0	00 0	00 0
24	13.2	23.8	17.0	17.7	25.0	12.5	11.5	10.3	12.2	12.0	11.5	90	55	82	76	8.7	4.6	--	--	--	--	2.0	00 0	08 1	00 0
25	16.4	25.0	16.0	18.3	26.0	14.9	14.0	13.1	13.4	12.8	13.1	93	56	94	81	9.0	4.8	--	--	4.1	4.3	1.2	00 0	00 0	00 0
26	16.0	22.9	14.8	17.1	25.0	15.0	14.0	13.1	14.0	12.1	13.1	96	57	96	86	8.7	3.2	0.2	--	4.1	4.2	1.2	00 0	00 0	00 0
27	15.0	24.0	19.2	19.3	26.5	13.0	11.6	12.3	13.5	10.6	12.1	96	60	63	73	7.3	7.4	0.1	--	--	--	0.4	00 0	00 0	00 0
28	13.8	27.0	19.0	19.7	28.0	12.0	11.0	11.1	11.4	12.2	11.6	94	42	74	70	7.0	8.1	--	--	--	--	2.4	00 0	06 2	04 1
29	14.0	22.4	16.4	17.3	24.0	13.0	11.9	10.8	10.3	12.0	11.0	90	50	86	75	10.0	2.9	--	0.5	7.2	7.7	2.0	00 0	12 1	00 0
30	15.4	25.4	17.4	18.9	26.0	14.9	14.0	12.1	9.8	12.0	11.3	92	40	81	71	7.7	6.0	--	--	--	--	1.4	00 0	08 1	00 0
31																									
MED.	14.8	24.0	17.9	18.8	25.0	13.1	12.2	11.5	11.1	11.7	11.4	91	50	77	73	7.7	4.4	--	0.1	0.8	0.8	2.0	--	--	--

total 25.4 m.m.

ESTACION Taabo MES Octubre AÑO 1963 φ = 20° 23' N λ = 76° 43' W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	15.0	24.6	19.0	19.4	25.0	14.0	13.0	11.8	9.4	12.5	11.2	93	40	77	70	7.0	6.0	--	--	--	1.5	2.0	04 2	12 2	00 0
2	14.2	25.0	18.2	18.9	25.3	13.5	12.5	11.6	10.0	12.5	11.4	96	42	79	72	7.7	6.9	1.5	--	--	2.7	2.2	12 1	08 1	00 0
3	14.0	26.0	19.4	19.7	27.0	12.9	12.0	11.5	13.2	12.8	12.5	96	55	76	76	6.3	7.6	2.7	--	--	0.7	2.4	00 0	12 1	00 0
4	14.0	27.0	19.2	19.3	27.6	12.6	11.0	11.5	11.1	9.7	10.8	96	43	62	67	6.7	9.8	0.7	--	--	--	3.0	00 0	10 1	00 0
5	17.9	26.0	19.8	20.9	27.5	12.5	11.5	11.1	10.2	12.9	11.4	72	40	74	62	6.3	6.9	--	--	--	--	3.8	00 0	06 2	00 0
6	16.4	27.0	18.6	20.1	27.5	13.0	12.0	11.4	11.3	10.8	11.2	82	44	67	64	4.7	9.2	--	--	--	--	3.2	00 0	12 1	00 0
7	14.2	24.2	16.4	17.8	25.0	14.0	13.0	10.9	9.8	11.0	10.6	90	40	78	69	7.0	5.3	--	--	--	--	2.0	00 0	00 0	00 0
8	14.4	23.4	15.4	17.1	24.0	13.0	12.6	11.0	10.1	11.6	10.9	90	47	88	75	8.3	0.9	--	--	--	--	1.0	00 0	12 1	00 0
9	12.8	22.8	15.2	16.5	23.0	12.6	11.6	10.0	10.5	11.1	10.5	90	50	86	75	7.0	1.4	--	--	--	--	1.0	00 0	08 1	00 0
10	13.2	25.2	17.6	18.4	25.5	12.5	11.0	10.6	10.7	10.5	10.6	94	45	72	70	9.0	1.0	--	--	--	--	2.0	00 0	00 0	00 0
11	14.0	24.4	16.8	18.0	26.5	12.0	11.0	10.8	11.3	11.5	11.2	91	48	80	73	6.3	5.8	--	--	--	--	2.4	00 0	12 1	00 0
12	15.4	24.2	16.0	17.9	25.0	14.7	13.0	11.8	10.1	11.7	11.2	90	45	86	74	6.7	1.9	--	--	15.1	16.2	1.0	00 0	00 0	00 0
13	16.0	23.0	16.4	17.9	24.0	15.0	14.0	13.7	13.8	13.7	13.7	100	65	98	88	9.3	2.0	1.1	8.0	6.0	14.0	1.0	00 0	08 1	18 1
14	16.0	25.6	17.0	18.9	26.0	15.0	14.0	12.7	11.4	12.9	12.3	93	47	89	76	9.3	5.8	--	--	--	18.1	1.2	00 0	12 1	00 0
15	15.6	21.8	16.0	17.3	23.0	14.6	13.0	13.0	14.6	12.4	13.3	98	76	91	88	8.7	3.0	18.1	--	0.6	2.8	0.2	08 1	08 1	00 0
16	16.0	19.4	16.8	17.2	23.0	14.6	13.5	13.4	15.2	13.5	14.0	100	90	95	95	7.0	1.1	2.2	10.6	--	10.6	0.9	00 0	00 0	00 0
17	16.0	19.2	17.2	17.4	21.3	14.6	14.0	13.4	15.4	13.4	14.1	98	93	91	94	9.3	--	--	1.3	--	1.3	0.2	00 0	00 0	00 0
18	13.2	24.5	18.0	18.4	25.6	12.0	11.0	10.9	11.6	13.1	11.9	96	50	85	77	6.3	5.4	--	--	--	--	2.8	00 0	00 0	00 0
19	14.6	25.3	17.0	16.5	26.5	11.5	10.0	11.8	9.6	10.9	10.8	95	40	75	70	6.0	5.5	--	--	--	--	2.2	00 0	00 0	00 0
20	16.2	24.2	19.0	19.6	25.9	13.0	12.0	12.6	13.5	14.5	13.5	91	60	88	80	8.3	0.5	--	--	--	--	2.0	00 0	04 1	00 0
21	14.4	24.0	17.8	18.5	26.2	12.8	12.0	11.2	12.7	12.1	12.0	93	57	79	76	4.0	9.0	--	--	0.1	0.1	2.8	00 0	00 0	00 0
22	15.0	26.2	15.8	18.2	27.0	12.0	11.0	11.5	13.5	11.4	12.1	90	53	85	76	6.3	4.9	--	--	2.5	2.5	2.0	00 0	00 0	00 0
23	16.4	25.4	18.0	19.4	26.2	14.5	13.0	13.1	10.2	11.5	11.6	93	42	74	70	7.3	9.0	--	--	5.6	7.1	3.0	00 0	00 0	08 1
24	15.6	25.0	17.6	18.9	25.8	14.0	13.0	12.5	14.6	14.0	13.7	94	62	93	83	6.3	4.2	1.5	--	00.1	2.9	1.0	12 1	00 0	00 0
25	16.0	25.0	16.0	18.2	25.3	14.2	13.0	13.1	14.2	12.3	13.2	92	61	90	81	9.3	3.9	2.8	--	30.2	56.0	1.0	00 0	00 0	00 0
26	15.4	21.4	17.4	17.9	22.4	14.0	12.8	12.9	14.0	13.3	13.4	98	73	90	87	8.3	2.4	25.8	--	--	0.2	2.0	00 0	06 1	00 0
27	17.0	23.2	18.2	19.1	25.0	15.0	14.0	14.2	14.0	14.5	14.2	98	68	93	86	7.3	3.0	0.2	--	--	47.3	0.2	00 0	10 1	00 0
28	14.6	23.8	17.0	18.1	23.0	13.6	12.8	12.2	13.0	13.5	12.9	98	64	93	85	8.0	3.6	47.3	--	--	6.9	1.3	00 0	00 0	00 0
29	14.2	22.0	17.0	17.5	23.0	13.5	12.5	11.9	14.9	12.9	13.2	98	75	89	87	6.7	6.2	6.9	--	--	15.3	0.4	12 1	04 1	08 1
30	15.2	21.0	15.6	16.8	22.0	13.5	12.8	12.2	14.2	12.8	13.1	94	76	96	89	9.7	--	15.3	--	0.1	4.1	1.0	00 0	08 1	00 0
31	15.0	20.6	17.0	17.4	21.8	14.5	13.0	12.5	13.2	13.2	13.0	98	73	91	87	8.7	0.2	4.0	--	1.6	2.0	1.0	00 0	00 0	08 2
MED.	15.1	23.9	17.3	18.4	24.9	13.5	12.4	12.0	12.3	12.4	12.2	93	57	84	78	7.4	4.3	4.2	0.6	2.0	6.8	1.7	--	--	--

Total 212.3 m.m.

ESTACION Tasbo MES Noviembre AÑO 1963 φ = 20 23' N λ = 76° 43' W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.0	21.8	16.2	17.5	23.6	15.0	14.3	13.4	13.3	13.3	13.3	98	68	96	87	9.7	3.4	0.4	2.0	—	12.0	0.3	04 1	06 1	00 0
2	15.5	22.8	16.8	17.9	23.0	14.0	13.0	12.9	13.6	13.4	13.3	98	65	93	85	9.3	—	10.0	—	0.4	8.3	1.0	00 0	10 1	00 0
3	15.2	21.9	16.8	17.4	22.5	14.6	13.9	12.7	14.2	13.5	13.5	98	73	94	88	8.3	1.7	7.9	7.9	14.2	22.7	0.4	00 0	00 0	00 0
4	16.3	21.0	16.4	17.5	22.0	14.9	14.0	13.3	14.9	13.2	13.8	96	80	95	90	8.7	1.3	0.6	1.5	9.0	17.1	1.2	00 0	00 0	00 0
5	15.2	22.0	16.6	17.3	22.3	13.0	12.0	12.2	14.4	13.3	13.3	94	73	94	87	8.7	2.6	6.6	0.3	3.3	14.0	2.1	00 0	00 0	00 0
6	15.4	17.0	16.0	16.1	22.0	14.5	13.6	12.6	12.3	12.8	12.6	96	85	94	92	9.3	1.7	10.4	5.1	0.7	16.2	0.4	00 0	00 0	00 0
7	16.0	21.6	16.0	17.4	22.5	14.8	14.0	13.4	13.4	12.8	13.2	98	70	94	87	7.7	1.8	4.4	0.1	3.6	4.5	0.2	00 0	10 1	00 0
8	15.6	23.3	15.8	17.6	24.0	13.0	11.8	12.5	15.0	12.9	13.5	94	70	96	87	9.0	5.7	0.8	—	30.3	30.3	1.3	00 0	12 1	00 0
9	16.4	21.0	16.8	17.7	23.0	14.6	13.6	13.7	14.0	13.5	13.7	98	75	94	89	9.7	1.5	—	0.1	9.0	11.2	0.3	00 0	16 1	00 0
10	17.4	23.0	17.0	18.6	23.3	16.0	15.0	14.6	14.8	14.6	14.7	98	70	100	89	9.3	3.6	2.1	0.2	15.2	37.6	1.2	00 0	08 2	00 0
11	15.9	19.4	14.4	16.0	20.6	14.0	13.0	13.5	14.7	12.0	13.4	100	88	98	95	10.0	2.4	22.2	—	24.0	27.4	0.2	00 0	00 0	00 0
12	13.6	21.0	16.4	16.8	21.5	13.0	11.8	11.2	14.0	12.7	12.6	96	74	91	87	7.3	3.8	3.4	—	—	—	1.2	00 0	08 1	00 0
13	15.4	20.6	16.2	17.1	20.8	14.0	13.0	12.6	12.7	12.6	12.6	96	70	91	86	10.0	—	—	1.7	0.2	4.9	0.2	08 1	00 0	00 0
14	14.0	21.0	17.2	17.3	21.5	13.0	12.0	11.7	11.4	12.3	11.8	98	61	84	81	10.0	—	3.0	2.1	—	2.1	0.4	00 0	02 1	00 0
15	14.0	21.2	15.6	16.6	22.2	13.5	12.0	11.2	11.2	10.9	11.1	94	58	82	78	10.0	1.4	—	—	—	—	2.2	00 0	16 2	00 0
16	13.4	22.6	15.8	16.9	23.4	12.8	12.2	11.2	12.6	11.2	11.7	97	61	83	80	6.7	5.4	—	—	—	—	2.0	00 0	12 1	00 0
17	15.6	26.4	17.0	18.5	26.8	11.4	10.0	11.8	14.5	13.5	13.3	89	63	93	82	8.3	7.9	—	—	1.0	1.0	2.0	00 0	08 2	00 0
18	16.2	22.8	16.6	18.0	23.5	15.0	14.0	13.5	14.7	13.6	13.9	98	70	96	88	4.0	6.4	—	0.2	14.3	14.5	2.0	00 0	00 0	10 1
19	16.2	22.0	18.0	18.5	23.0	14.0	13.6	13.3	13.8	13.4	13.5	96	70	87	84	6.7	5.6	—	—	—	—	1.4	00 0	00 0	16 1
20	15.8	21.0	17.0	17.7	22.2	14.0	13.0	12.9	13.0	13.1	13.0	96	70	90	85	6.3	1.5	—	—	—	—	1.2	00 0	00 0	00 0
21	14.2	21.6	16.8	17.3	22.0	12.5	11.0	12.2	13.9	13.5	13.2	98	72	94	88	9.3	0.9	—	—	0.7	5.7	1.0	00 0	00 0	00 0
22	15.6	18.4	16.0	16.5	20.5	14.0	13.0	12.8	13.2	13.1	13.0	96	86	96	93	9.3	0.2	5.0	0.9	2.7	49.3	0.8	00 0	00 0	00 0
23	13.8	20.0	14.8	15.8	20.5	12.0	10.6	11.6	12.2	12.4	12.1	98	70	98	89	9.3	—	45.7	0.2	0.5	0.9	1.0	00 0	00 0	08 1
24	14.6	20.2	16.2	16.8	20.5	13.0	12.0	12.2	14.1	13.3	13.2	98	78	96	91	8.7	1.1	0.2	0.4	4.7	5.1	0.4	00 0	06 1	00 0
25	14.2	15.4	14.4	14.6	22.0	13.0	12.0	12.2	11.8	13.1	12.4	100	90	100	97	9.7	1.1	—	5.7	6.6	13.0	1.0	00 0	00 0	00 0
26	15.6	21.0	15.0	16.6	21.6	14.0	12.8	13.0	14.0	12.3	13.1	98	75	96	90	8.3	2.9	0.7	—	3.2	3.2	0.1	00 0	08 2	00 0
27	14.8	20.0	16.0	16.7	21.3	13.5	12.0	12.4	13.0	12.3	12.6	98	74	90	87	7.3	1.3	—	0.7	0.4	1.1	0.4	00 0	08 2	00 0
28	15.4	21.0	16.6	17.4	23.0	13.5	13.0	12.6	13.3	12.9	12.9	96	68	90	85	9.0	4.6	—	—	0.3	0.3	1.0	00 0	08 1	00 0
29	14.4	20.0	14.8	16.0	23.6	12.0	11.0	11.8	13.0	11.7	12.2	96	74	93	88	8.3	4.8	—	7.0	1.4	8.4	0.4	00 0	00 0	00 0
30	16.0	22.4	16.4	17.8	23.0	13.0	12.0	13.4	13.9	13.8	13.7	98	68	94	87	7.7	2.7	—	—	0.4	0.4	1.0	00 0	00 0	08 1
31																									
MED.	15.2	21.0	16.2	17.1	22.3	13.6	12.6	12.6	13.4	12.9	13.0	97	72	93	87	8.3	2.6	4.1	1.2	4.9	10.2	0.9	— —	— —	— —

Total 305.2 m.m.

ESTACION Tambo MES Diciembre AÑO 1963 φ = 20 23 N λ = 76 43 W.GR - ALTURA 1.750 M.

DIA	TEMPERATURAS							TENSION DEL VAPOR				HUMEDAD RELATIVA				NUBOSIDAD	BRILLO SOLAR	PRECIPITACION M.M				EVAPORACION	VIENTOS		
	7	14	20	MED.	MAX.	MIN.	MINIMA SUELO	7	14	20	MED.	7	14	20	MED.			7	14	20	TOTAL		7	14	20
1	16.0	21.9	18.0	18.5	22.8	14.0	13.0	12.8	12.4	13.1	12.8	94	63	85	81	7.7	3.3	—	—	—	—	0.3	00 0	08 1	00 0
2	17.2	22.0	18.6	19.1	22.8	15.6	15.0	13.2	13.3	13.8	13.4	90	68	86	81	9.0	7.6	—	—	—	—	1.0	00 0	08 2	00 0
3	16.4	19.0	16.6	17.1	21.8	15.0	14.0	13.4	13.6	13.2	13.4	96	83	93	91	9.0	0.5	—	1.3	2.9	15.0	1.0	00 0	08 1	00 0
4	16.0	19.0	16.2	19.3	21.5	14.5	13.6	11.9	13.3	13.3	12.8	87	81	96	88	8.0	2.0	10.8	0.3	1.5	1.8	0.3	00 0	00 0	00 0
5	16.4	23.0	17.6	18.6	24.0	13.0	12.0	13.1	14.8	14.2	14.0	93	70	94	86	7.0	5.5	—	—	—	—	1.0	00 0	00 0	00 0
6	17.0	22.4	18.8	19.2	24.0	15.0	14.0	13.2	15.6	13.4	14.1	91	77	93	87	9.0	2.4	—	—	0.3	0.3	1.4	00 0	00 0	12 1
7	16.8	23.8	18.8	19.5	25.0	15.0	14.0	12.4	15.6	14.6	14.2	87	70	90	82	8.3	3.0	—	0.9	0.1	1.0	1.4	00 0	08 2	08 1
8	17.8	21.8	18.4	19.1	22.4	15.0	14.3	14.7	14.8	15.3	14.9	96	76	96	89	8.3	—	—	—	—	—	0.4	00 0	08 1	08 1
9	17.0	22.0	18.0	18.7	22.6	16.0	15.0	14.0	15.5	14.6	14.7	96	78	94	89	7.3	1.4	—	—	5.8	5.8	1.2	08 1	08 1	00 0
10	15.8	22.6	19.3	19.2	24.0	15.0	14.0	13.5	14.7	12.4	13.5	100	72	74	82	7.0	6.2	—	—	—	—	1.4	00 0	08 1	08 1
11	17.0	22.6	18.0	18.9	23.0	14.6	13.8	14.2	16.1	14.0	14.8	98	78	91	89	8.3	0.1	—	—	1.4	1.5	0.4	00 0	00 0	08 1
12	18.0	23.2	16.4	18.5	23.9	15.0	14.0	14.9	14.2	12.2	13.8	96	66	87	83	7.7	1.9	0.1	—	3.6	10.0	1.0	00 0	00 0	16 1
13	17.2	23.0	16.4	18.2	23.9	15.0	14.0	14.1	14.0	13.1	13.7	96	66	93	85	7.7	3.2	6.4	—	8.5	8.5	1.0	00 0	08 2	04 2
14	16.0	21.8	17.6	18.2	23.0	14.5	14.0	13.7	15.3	13.6	14.2	100	78	91	90	7.0	3.9	—	—	—	—	0.4	00 0	00 0	00 0
15	17.0	23.4	16.8	18.5	23.5	15.0	14.5	14.2	15.7	14.1	14.7	98	72	98	89	9.0	2.3	—	—	19.5	26.9	0.4	08 2	08 1	00 0
16	17.2	21.9	17.8	18.7	22.5	15.6	14.5	13.7	13.3	14.2	13.7	94	68	93	85	7.3	7.1	7.4	—	5.3	23.5	0.4	00 0	06 2	00 0
17	16.8	19.0	15.4	16.6	22.5	13.0	12.0	14.1	13.8	12.3	13.4	98	80	94	91	7.3	—	18.2	2.7	20.1	22.8	1.0	00 0	08 2	08 2
18	13.6	22.8	17.0	17.6	24.0	11.9	11.0	11.8	13.6	13.4	12.9	100	65	92	86	9.3	5.9	—	—	18.4	33.6	1.0	00 0	06 2	00 0
19	15.8	22.0	16.8	17.8	22.8	14.0	13.5	13.5	13.8	13.8	13.7	100	70	96	89	7.7	3.9	15.2	—	—	—	1.2	00 0	08 1	00 0
20	16.6	21.4	16.4	17.4	22.0	15.0	14.0	12.2	14.6	13.4	13.4	86	76	96	86	6.7	6.2	—	—	—	—	1.3	00 0	00 0	00 0
21	16.9	23.2	18.0	19.0	23.8	15.0	14.0	14.8	13.8	13.4	14.0	96	65	87	83	8.0	6.4	—	—	—	—	1.0	00 0	08 2	00 0
22	17.6	21.0	18.0	18.6	23.5	15.5	14.0	13.6	14.2	14.9	14.2	91	76	96	88	7.7	1.5	—	1.5	3.9	5.4	0.0	08 1	08 2	00 0
23	17.2	19.0	17.6	17.8	21.5	15.8	15.0	14.4	13.2	14.2	13.9	98	80	94	91	8.3	2.1	—	0.3	—	0.3	1.0	08 1	08 2	08 1
24	17.0	20.8	17.8	18.3	22.0	14.0	13.6	14.2	15.0	15.0	14.7	98	82	98	93	9.0	—	—	—	0.8	0.8	1.0	00 0	00 0	00 0
25	15.0	20.8	17.0	17.4	21.0	14.0	13.5	12.8	15.2	14.0	14.0	100	82	96	93	10.0	2.3	18.0	0.1	3.1	5.7	0.3	00 0	12 1	00 0
26	16.0	22.0	17.8	18.4	22.5	14.5	13.0	13.4	14.4	14.2	14.0	98	73	94	88	8.7	3.8	2.5	—	5.1	6.5	0.4	00 0	00 0	00 0
27	17.0	22.8	18.0	18.9	22.9	15.0	14.5	14.0	15.5	14.6	14.7	96	75	94	88	8.7	4.4	1.4	0.5	—	9.0	0.4	00 0	06 2	00 0
28	16.6	22.4	17.8	18.6	23.5	15.0	13.5	13.6	12.8	13.8	13.4	96	63	91	83	8.3	5.2	8.5	1.3	—	8.4	1.0	00 0	06 1	00 0
29	16.6	20.4	16.6	17.5	22.0	15.8	15.0	14.3	12.6	13.9	13.6	100	70	98	89	9.0	—	7.1	4.8	12.6	53.0	0.3	00 0	08 1	00 0
30	16.0	20.0	16.4	17.2	20.5	14.8	13.8	13.1	13.1	13.4	13.2	96	75	96	89	7.0	2.6	35.6	—	10.3	14.6	0.4	00 0	00 0	00 0
31	15.6	20.8	15.0	16.6	21.2	13.8	13.0	13.0	14.8	12.1	13.2	98	79	95	91	8.0	2.2	4.3	1.1	1.1	7.0	0.0	00 0	08 1	00 0
MED.	16.6	21.7	17.4	18.3	22.8	14.7	13.8	13.5	14.3	13.7	13.8	96	73	93	87	8.1	3.1	4.4	0.5	4.0	9.0	0.7	— —	— —	——

Total 280.0 m.m.

ESTACION: TAMBO — RESUMEN MENSUAL Y ANUAL — AÑO: 1.963

MESES	Presión Atmosférica				TEMPERATURAS EXTREMAS							Humedad Relativa					T. del vapor			Nub.	Br.	Evaporación	PRECIPITACION						
									Max. Min.	Max.	Min.	Med.					Min.	Max.	Min	Med.				Días						
	Med.	Max.	D.	Min.	D.	7	14	20	Med.	Med.	Med.	Abs.	D.	Abs.	D.	Sue.	7	14	20	Med.	Abs.	Abs.	Abs.		Med.	Solar		7	14	20	Suma	Iluv.	Max.	D.
Enero						16.0	22.2	17.1	18.1	23.5	14.9	25.5	15	13.0	V	14.2	90	67	86	81	46	17.1	9.9	12.8	7.7	5.1	0.9	61.0	2.4	94.3	158.4	25	18.0	24
Febro						15.3	21.4	16.3	17.3	23.8	14.5	26.0	V	12.5	9	13.8	92	68	88	83	55	15.6	10.0	12.4	8.5	(4.6)	0.9	51.1	15.9	111.6	177.9	19	32.2	1
Marzo						16.4	22.9	17.6	18.6	24.6	15.4	26.6	V	13.6	15	14.5	92	65	90	82	53	15.6	10.8	13.3	8.0	3.5	0.8	46.3	16.1	23.3	85.7	19	13.8	25
Abril						16.2	23.1	17.5	18.6	24.8	15.3	26.6	23	12.0	5	14.5	94	66	90	83	55	17.1	9.8	13.5	8.1	3.3	1.0	92.4	21.5	32.8	146.9	23	24.5	19
Mayo						16.2	23.5	17.6	18.7	25.5	15.4	27.5	V	13.5	31	14.6	91	62	87	80	50	15.2	10.5	13.0	7.3	3.8	1.4	33.2	24.0	36.9	93.9	15	26.4	10
Junio						15.9	23.7	17.9	18.8	25.8	14.1	28.0	6	10.5	22	13.0	87	57	78	74	40	14.5	8.7	12.0	7.6	5.5	2.0	50.0	4.1	12.4	66.5	9	32.9	13
Julio						14.8	22.8	17.0	17.9	24.4	13.9	25.5	V	10.0	25	12.8	90	57	83	77	40	16.7	8.8	11.8	7.1	6.2	2.1	13.0	12.3	83.6	118.8	17	26.5	6
Agsto						14.5	23.5	17.9	18.4	24.7	13.1	28.5	30	10.0	9	12.0	87	49	72	69	37	14.6	7.3	10.8	6.6	5.9	2.6	10.1	9.5	20.4	30.1	8	9.9	20
Spbre						14.8	24.0	17.9	18.6	25.0	13.1	28.0	28	9.5	2	12.2	91	50	77	73	40	14.0	8.3	11.4	7.7	4.4	2.0	0.4	1.9	23.1	25.4	9	7.7	29
Ocbre						15.1	23.9	17.3	18.4	24.9	13.5	27.6	4	11.5	19	12.4	93	57	84	78	40	15.4	9.4	12.2	7.4	4.3	1.7	130.1	19.9	61.9	212.3	20	56.0	25
Nvbre						15.2	21.0	16.2	17.1	22.3	13.6	24.8	17	11.4	17	12.6	97	72	93	87	58	15.0	10.8	13.0	8.5	2.6	0.9	123.4	36.1	146.1	305.2	25	49.3	22
Dcbre						16.6	21.7	17.4	18.3	22.8	14.7	25.0	7	11.9	18	13.8	96	73	93	87	63	16.1	11.8	13.8	8.1	3.1	0.7	135.5	15.6	124.1	280.0	22	53.0	29
MED. ANUAL						15.6	22.8	17.3	18.2	24.3	14.3	26.7	—	11.6	—	13.4	92	62	85	80	48	15.6	9.7	12.5	7.7	(4.4)	1.4	62.2	14.9	64.2	141.7	211	29.2	—

Precipitación total : 1701.1

Precipitación máxima : 56.0 - 25 - X

Días lluviosos : 211

ESTACION: TAMBO FRECUENCIA DE PRECIPITACION Y TEMPERATURAS AÑO: 1963

MESES	PRECIPITACION																						TEMPERATURAS			
	7 horas					14 horas					20 horas					Total							Min. abajo	Min. arriba	Max. abajo	Max. arriba
	más de					más de					más de					más de										
	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	10.0	20.0	50.0	0.1	1.0	2.5	5.0	10.0	20.0	50.0	de 13 ºC	de 15 ºC	de 22 ºC	de 26 ºC
Enero	12	12	2	—	—	6	1	—	—	—	18	13	4	—	—	25	19	16	12	7	—	—	2	20	4	—
Febro	14	12	2	—	—	9	4	—	—	—	15	12	5	1	—	19	17	12	12	1	—	—	1	11	3	2
Marzo	7	5	2	—	—	9	5	—	—	—	14	5	1	—	—	19	14	10	7	4	—	—	—	24	3	6
Abril	14	11	4	1	—	8	5	1	—	—	14	8	—	—	—	23	20	15	11	5	1	—	1	24	1	9
Mayo	13	8	—	—	—	5	2	1	1	—	11	8	1	—	—	15	12	8	5	4	1	—	—	27	1	14
Junio	7	5	1	1	—	4	2	—	—	—	8	4	—	—	—	9	8	6	3	2	1	—	8	12	—	13
Julio	6	4	—	—	—	8	4	—	—	—	10	8	4	1	—	17	12	9	7	5	1	—	9	8	4	8
Agsto	2	1	—	—	—	2	1	—	—	—	6	5	—	—	—	8	6	4	2	—	—	—	16	1	1	7
Spbre	3	—	—	—	—	2	—	—	—	—	8	6	—	—	—	9	6	4	1	—	—	—	16	2	—	11
Ocbre	14	12	4	2	—	3	3	1	—	—	10	6	2	1	—	20	17	14	9	7	2	1	13	3	3	10
Nvbre	16	11	4	2	—	17	8	—	—	—	23	15	5	2	—	25	22	19	16	12	5	—	12	3	13	—
Dcbre	13	12	5	1	—	12	6	—	—	—	19	16	5	1	—	22	20	17	17	9	5	1	3	18	9	—
SUMA ANUAL	121	93	24	7	—	86	41	3	1	—	156	106	27	6	—	211	173	134	102	64	17	2	81	153	42	80

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	3	4	5	4	4	4	2	2	1	2	—	—	2	2	3	6	3	5	13	6	6	7	4	2	25
Febro	5	7	3	3	2	2	4	4	3	4	1	1	—	2	3	7	11	7	7	7	6	5	4	2	22
Marzo	3	3	2	1	3	2	—	1	1	—	2	4	5	4	3	8	6	4	3	2	2	3	3	2	19
Abril	4	4	3	3	3	3	4	4	3	1	3	1	3	1	4	2	7	7	5	6	6	5	5	8	20
Mayo	3	3	4	3	3	1	1	1	1	1	1	2	1	2	3	5	3	2	3	5	3	4	3	1	15
Junio	2	2	3	3	2	1	2	2	2	—	1	1	1	2	3	3	5	3	1	3	3	3	3	3	10
Julio	3	1	—	1	1	—	—	—	—	1	—	4	4	4	5	7	5	3	1	1	1	3	3	5	18
Agsto	1	1	—	1	1	1	1	—	—	—	—	1	—	2	4	2	2	2	1	—	—	—	—	—	8
Spbre	—	—	1	1	—	—	1	—	—	—	1	1	2	2	5	4	1	3	2	1	1	—	—	—	10
Ocbre	5	6	7	3	4	5	4	—	—	—	—	1	2	3	3	2	3	4	3	3	6	6	7	8	20
Nvbre	8	11	10	7	6	8	6	6	5	3	1	3	3	7	9	12	13	13	12	7	8	6	9	8	26
Dcbre	6	5	6	7	5	4	6	7	3	4	2	4	4	3	5	9	8	8	9	9	8	8	8	4	22
SUMA ANUAL	43	47	44	37	34	31	27	27	19	16	12	23	27	34	50	67	67	61	60	50	50	50	49	43	218

ESTACION TAMBO — FRECUENCIA DE NUBOSIDAD - BRILLO SOLAR Y VIENTOS — AÑO 1.963

MESES	NUBOSIDAD en décimos		BRILLO SOLAR		NUMERO DE DIAS CON: VIENTOS																											
					7 horas									14 horas									20 horas									
	Bajo 3.0	Más 8.0	Bajo 0.9	Mas 9.0	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C	N	NE	E	SE	S	SW	W	NW	C
Enero	1	18	—	—	—	—	—	1	—	—	1	—	29	1	—	—	6	12	—	—	—	10	—	—	1	—	5	—	—	—	25
Febro	—	19	(—	—)	—	—	—	—	—	—	—	—	28	—	—	1	2	10	—	—	1	14	—	—	2	—	—	—	—	—	26
Marzo	1	18	4	—	—	—	1	—	2	—	—	—	28	—	1	1	5	10	2	3	—	9	—	—	—	1	1	—	—	—	29
Abril	—	19	8	—	1	—	1	1	2	—	—	—	25	—	—	1	5	8	1	4	—	11	—	—	—	1	2	—	—	—	27
Mayo	1	15	6	—	—	—	—	—	1	—	—	—	30	—	—	3	7	8	1	1	—	11	—	—	—	—	3	—	—	—	28
Junio	1	18	5	5	—	—	—	—	6	—	—	—	24	—	—	1	7	12	—	2	—	8	—	—	—	—	11	—	—	—	19
Julio	—	10	1	2	—	—	—	—	4	—	—	—	27	—	—	—	2	12	1	—	1	15	—	—	—	4	4	—	—	—	26
Agsto	—	5	1	4	—	—	—	—	6	—	—	—	25	—	—	1	2	19	—	3	—	6	—	—	1	—	10	1	—	—	19
Spbre	—	12	3	1	—	—	—	1	2	—	—	—	27	—	—	—	1	12	—	5	—	12	—	—	1	—	4	—	—	—	25
Ocbre	—	12	6	4	—	—	1	—	1	—	3	—	26	—	—	3	2	5	2	6	—	13	—	—	—	—	3	—	1	—	27
Nvbre	—	22	6	—	1	—	1	—	1	—	—	—	27	2	1	—	2	7	2	2	—	14	1	—	—	—	2	1	—	—	26
Dcbre	—	18	6	—	—	—	—	—	5	—	—	—	26	—	—	—	4	16	—	2	—	9	1	—	1	—	7	—	—	—	22
SUMA ANUAL	4	186	(46	16)	2	—	4	3	30	—	4	—	322	3	2	11	45	131	9	30	2	132	2	—	6	3	52	2	1	—	298

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol									
	6-7	7-8	8-9	9-10	10-11	11 12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	—	—	6	13	15	14	10	9	7	—	—	31	22	9	1	1	3	2	3	4	4	10	31
Febro	(—	—	2	3	4	4	4	4	1	—	—	—)	(12	3	3	2	1	3	1	—	1	3	5	12)
Marzo	—	—	1	5	7	8	8	10	7	5	2	—	31	28	17	12	9	14	10	6	10	13	15	26
Abril	—	—	—	2	2	2	6	11	10	8	4	—	30	30	24	17	16	12	9	6	7	12	15	22
Mayo	—	—	—	4	4	6	10	8	8	5	5	—	31	27	20	15	13	9	7	5	6	8	16	23
Junio	—	4	10	14	13	11	10	9	10	7	5	—	24	12	7	6	6	6	5	3	6	7	16	21
Julio	—	6	14	17	18	14	12	12	5	4	2	—	21	9	2	1	2	3	5	2	6	9	14	24
Agsto	—	7	14	11	10	10	4	5	5	5	6	—	22	8	4	1	3	5	5	3	5	6	11	20
Spbre	—	4	9	14	8	7	5	7	7	2	1	—	26	16	3	3	4	6	10	9	10	13	15	26
Ocbre	—	—	7	9	11	7	4	8	8	8	4	—	31	21	10	9	9	9	12	7	10	15	16	26
Nvbre	—	—	1	1	3	6	5	5	3	—	—	—	30	33	18	14	12	14	12	12	13	21	25	30
Dcbre	—	—	1	1	4	9	3	6	6	5	—	—	31	26	18	20	10	8	12	13	8	11	16	31
SUMA ANUAL	(—	21	59	87	97	99	85	95	79	56	29	—)	(320	225	135	101	86	92	90	59	86	122	174	292)

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: TAMBO DE LA PRECIPITACION AÑO: 1.963

MESES	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h:min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	158.4	25	27	17	44	104.9	53.5	32:35'	26:55'	59:30'	18.0	1:50'	0.16	4.0	0.8	5:00'	13.0	0.04	1.1	0.2
Febro	177.9	19	28	22	50	136.6	41.3	39:50'	27:15'	67:05'	32.2	3:50'	0.14	5.5	1.1	5:45'	14.4	0.04	2.0	0.4
Marzo	85.7	19	27	12	39	39.4	46.3	23:00'	15:05'	39:05'	13.8	1:20'	0.17	5.0	1.0	4:45'	4.5	0.01	0.5	0.1
Abril	146.9	23	29	20	49	59.0	87.9	32:10'	28:30'	60:40'	20.8	3:45'	0.09	2.0	0.4	4:25'	3.5	0.01	0.2	0.1
Mayo	93.9	15	20	12	32	70.7	23.2	22:20'	11:50'	34:10'	20.7	2:20'	0.14	3.5	0.7	3:15'	12.3	0.06	2.3	0.4
Junio	66.5	9	21	10	31	51.2	15.3	16:35'	16:35'	23:10'	28.6	3:10'	0.15	4.0	0.8	5:35'	9.3	0.02	1.0	0.2
Julio	118.8	17	21	14	35	95.9	22.9	20:40'	12:35'	33.15'	26.5	1:10'	0.37	6.0	1.2	3:10'	3.7	0.01	0.4	0.1
Agsto	30.1	8	9	1	10	29.9	0.2	6:50'	0:50'	7:40'	9.9	1:25'	0.11	1.9	0.4	1:25'	9.9	0.11	1.9	0.4
Spbre	25.4	9	16	2	18	25.1	0.3	10:35'	1:50'	12:25'	7.3	0:35'	0.20	4.5	0.9	1:50'	2.9	0.02	0.3	0.1
Ocbre	202.3	20	16	19	35	107.2	105.1	19:05'	40:50'	59:55'	53.3	4:20'	0.20	5.5	1.1	8:40'	47.3	0.09	7.0	1.4
Nvbre	305.2	25	48	29	77	209.5	95.7	66:35'	53:50'	120:25	44.9	9:30'	0.07	2.5	0.5	10:05'	36.6	0.06	1.0	0.2
Dcbre	280.0	22	39	32	71	180.4	99.6	75:35'	40:40'	116:15'	35.6	8:35'	0.06	2.0	0.4	8:35'	35.6	0.06	2.0	0.4
TOTALES	1701.1	211	301	190	491	1109.8	591.3	365:50'	277:45'	633:35'	311.6	41:50'	XX	XX	XX	62:30'	192.9	XX	XX	XX

ESTACIONES DE TERCER ORDEN

(ESTACIONES HELIOPLUVIOGRAFICAS)

PRECIPITACION DIARIA — BRILLO SOLAR DIARIO

Año: 1.9 6 3

ESTACION Manaure - Magdalena — ALTURA 720 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1		--	--	--	5,3	3,1	0,1	7,8	--	12,8	--	--
2		--	--	1,6	--	0,7	5,0	4,8	3,9	--	33,9	--
3		--	--	0,8	6,2	17,6	--	0,4	--	12,5	11,1	--
4		2,2	--	2,2	7,4	9,6	0,1	--	7,5	24,9	5,0	0,2
5		36,7	--	44,6	16,7	0,5	0,5	2,0	1,0	2,5	2,7	--
6		23,2	--	20,9	14,7	1,4	17,0	0,1	3,7	1,7	7,7	--
7		--	--	11,8	9,5	0,1	1,3	0,1	22,8	2,8	26,7	--
8		0,3	--	15,8	9,8	3,5	--	--	0,2	0,1	0,9	4,4
9		0,7	--	2,2	50,6	1,6	--	--	4,5	0,2	1,6	--
10		--	--	5,6	00,2	--	5,5	28,8	3,6	--	3,8	--
11		--	--	--	46,3	--	0,1	--	0,4	0,2	1,8	--
12		--	--	--	0,3	0,7	--	4,4	3,5	20,8	3,2	--
13		--	--	8,5	2,1	--	0,2	0,1	1,9	1,9	5,9	--
14		--	--	--	81,4	5,8	1,9	--	16,1	39,1	31,3	--
15		--	--	31,4	29,7	--	2,0	--	10,1	19,1	2,3	--
16		--	--	4,1	6,7	--	--	--	--	6,2	0,2	--
17		--	--	--	1,1	0,4	1,5	10,6	1,0	5,9	0,1	--
18		--	--	--	4,4	--	7,8	5,7	9,2	1,6	--	34,9
19		--	--	--	--	1,2	0,9	--	33,0	2,6	--	--
20		10,5	--	--	19,7	2,9	0,7	--	1,2	3,1	0,1	32,9
21		--	--	--	5,4	2,1	--	--	25,6	23,4	0,2	--
22		--	--	--	0,2	4,4	--	--	2,4	2,3	8,9	--
23		--	--	--	--	0,8	--	1,9	--	1,3	--	--
24		--	--	14,1	0,4	0,6	3,5	2,1	--	7,2	5,4	--
25		--	--	--	19,3	--	1,3	--	--	11,2	--	--
26		--	--	4,2	--	1,8	1,3	--	16,1	15,3	--	--
27		--	--	0,9	0,4	2,8	8,2	3,6	0,1	31,4	17,1	--
28		--	17,1	5,6	1,2	23,2	7,6	0,4	0,2	6,8	--	7,0
29			6,2	9,9	1,5	4,5	0,9	0,1	--	5,3	0,1	0,1
30			6,8	--	7,2	--	0,5	2,2	--	--	--	--
31			0,3		1,9		2,3	--		1,9		--
Suma Mensual		73,6	30,4	184,2	349,6	89,3	70,2	75,1	168,2	264,1	170,0	79,5
Dias Lluviosos		6	4	17	27	22	23	17	22	28	22	6

Total de días lluviosos (194) — TOTAL DEL AÑO (1.554,0) m.m.

	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	9,5	8,7	7,3	--	9,8	8,4	8,4	1,0	6,8	1,0	7,4	8,9
2	8,3	7,1	5,9	0,3	9,6	2,6	3,2	1,3	7,7	7,6	5,5	10,5
3	3,6	6,7	9,4	7,4	7,9	3,5	3,1	8,5	6,0	3,8	2,4	9,5
4	6,8	3,9	8,5	6,5	9,7	2,0	9,7	6,6	6,5	4,2	3,2	8,0
5	1,4	4,6	7,3	0,9	4,2	5,0	8,4	10,5	6,5	7,0	2,2	9,5
6	0,4	4,9	7,3	6,4	1,5	6,0	6,8	9,1	4,3	6,9	6,3	8,9
7	7,6	8,0	7,2	3,2	9,5	7,3	7,4	5,4	2,9	2,6	4,3	9,9
8	8,0	7,5	1,6	4,3	0,8	6,7	6,6	8,6	4,7	4,6	4,6	6,0
9	7,2	7,3	9,2	--	3,7	0,9	6,8	9,4	2,5	4,7	7,8	7,1
10	6,6	9,8	7,2	1,9	6,7	2,0	5,6	2,6	9,1	8,5	4,8	8,2
11	8,8	8,1	2,4	3,2	7,0	6,5	9,1	8,8	4,6	6,5	5,3	9,6
12	9,5	9,4	6,6	4,8	10,0	5,6	10,7	6,3	7,2	2,6	2,9	9,7
13	9,9	7,7	7,8	7,5	6,5	7,3	7,2	10,6	6,3	7,0	1,7	9,8
14	7,5	9,4	5,8	5,4	2,0	3,4	5,7	10,0	0,4	7,2	7,7	9,7
15	9,8	9,0	5,9	4,8	4,9	8,7	2,7	9,5	2,0	5,7	--	8,8
16	9,2	10,5	10,3	5,1	7,2	4,8	2,3	6,3	2,6	5,4	7,2	8,7
17	9,6	2,0	8,0	9,6	5,7	7,6	0,9	4,7	5,5	4,2	5,9	7,0
18	7,6	7,1	6,4	9,1	6,6	9,8	6,0	5,0	3,1	4,0	10,0	7,5
19	9,9	5,9	6,4	7,7	5,9	9,2	8,3	2,6	0,9	4,8	9,4	8,0
20	9,0	4,3	9,5	9,0	0,8	5,5	7,8	4,6	0,5	4,4	9,5	9,4
21	7,8	7,1	8,8	8,5	2,8	7,6	3,8	3,8	1,3	3,6	8,0	9,5
22	9,9	9,1	8,0	8,7	9,2	6,5	8,3	3,0	3,1	3,9	6,1	8,1
23	6,4	7,6	9,6	10,8	5,2	7,0	5,6	3,9	9,3	6,2	7,8	9,6
24	8,9	9,3	7,1	9,6	2,9	8,3	4,0	8,6	2,1	1,9	9,9	8,5
25	9,7	9,5	7,6	6,5	4,7	7,5	7,1	4,1	7,5	1,1	8,6	7,7
26	9,1	9,8	9,7	2,0	3,1	6,8	8,3	9,5	3,3	0,7	9,3	0,6
27	8,4	8,2	9,7	6,0	0,8	3,2	7,1	3,8	4,3	6,2	7,1	9,2
28	7,7	10,3	5,9	1,6	2,6	4,2	8,4	5,5	2,6	4,9	8,4	9,3
29	9,4		4,5	1,4	2,4	2,4	9,7	5,6	4,2	2,2	9,5	7,1
30	9,2		--	7,5	4,2	2,9	9,5	5,8	4,6	7,4	9,9	7,2
31	7,7		4,3		5,3		5,8	2,7		3,5		7,0
Suma Mensual	244,4	212,8	215,2	159,7	163,2	169,2	204,3	187,7	132,4	144,3	192,7	258,5

TOTAL DEL AÑO 2.284,4

ESTACION: MANAURE

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

AÑO 1.963

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero																									
Febro	—	—	—	1	1	1	1	1	—	—	—	—	2	2	4	3	3	1	1	—	—	1	—	—	6
Marzo	—	1	1	1	1	1	1	1	—	—	—	—	—	—	1	1	1	1	3	2	1	—	1	1	4
Abril	3	3	1	—	1	—	—	—	—	—	—	1	4	7	4	5	5	6	5	4	1	3	2	3	17
Mayo	3	3	4	2	2	—	2	2	—	—	4	4	3	10	10	18	7	6	4	4	4	3	—	5	27
Junio	1	3	3	3	3	1	—	1	1	—	1	1	3	10	12	8	7	6	4	3	—	—	1	1	23
Julio	—	—	—	1	—	1	1	1	1	2	—	—	4	6	7	4	9	5	3	2	2	1	2	—	23
Agsto	—	1	1	—	1	1	—	—	—	1	1	3	4	6	5	3	2	5	2	1	2	1	3	3	17
Spbre	1	1	—	—	1	1	—	1	3	1	2	5	14	11	6	5	9	4	3	5	2	1	2	2	22
Ocbre	4	2	1	—	3	3	2	—	—	—	1	1	5	11	10	13	9	14	10	6	5	2	—	2	28
Nvbre	2	2	1	1	1	—	—	1	—	1	4	4	7	7	6	10	7	8	5	1	4	3	2	1	22
Dcbre	2	2	1	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2	2	2	2	1	—	2	8
SUMA ANUAL	16	18	13	9	15	9	7	8	5	5	13	19	46	70	65	54	58	59	44	30	23	16	13	20	197

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	6	22	24	27	25	24	24	15	15	8	—	24	2	1	--	2	2	1	2	2	3	5	15
Febro	—	1	15	20	20	17	15	11	12	12	6	—	24	2	1	2	1	1	1	2	1	3	6	15
Marzo	—	5	14	14	17	22	22	20	12	12	4	—	26	7	3	2	3	3	4	4	5	3	10	27
Abril	—	2	9	13	14	11	16	10	8	7	6	—	28	15	12	7	7	5	6	6	10	10	14	21
Mayo	—	4	8	12	11	13	13	11	11	8	2	—	21	16	9	13	10	7	6	5	7	6	15	29
Junio	—	9	16	11	15	14	9	4	5	2	1	—	14	5	5	4	4	4	5	3	10	13	19	26
Julio	—	7	15	18	15	12	10	10	7	9	5	—	10	4	6	4	1	2	2	4	6	10	12	19
Agsto	—	8	17	19	18	15	10	8	7	6	3	—	14	7	5	4	3	2	6	10	13	11	16	21
Spbre	—	7	10	13	10	12	4	4	2	3	3	—	18	11	8	5	9	7	7	11	11	15	21	23
Ocbre	—	2	13	12	13	12	7	1	2	3	1	—	29	12	4	3	5	2	6	12	12	13	17	28
Nvbre	—	—	15	20	20	18	15	14	10	6	6	—	30	8	4	3	2	2	3	3	7	10	12	21
Dcbre	—	1	21	21	26	26	26	25	20	22	11	—	30	7	5	1	1	1	1	1	1	1	2	16
SUMA ANUAL	—	52	175	197	206	197	171	142	111	105	56	—	268	96	63	48	48	38	48	63	85	98	149	261

ESTACION: MANAURE AÑO: 1.963

SUMAS HORARIAS DE BRILLO SOLAR

MESES	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	SUMA Mañana	SUMA Tarde	SUMA Mensual
Enero	3.0	17.0	25.5	26.0	28.1	27.7	27.5	26.8	23.4	20.5	14.5	2.4	129.3	115.1	244.4
Febrero	0.4	17.9	21.5	23.8	24.0	23.8	22.1	22.2	20.5	18.6	13.0	5.0	111.4	101.4	212.4
Marzo	1.0	15.7	21.3	23.2	24.8	25.8	24.8	24.8	21.4	18.9	12.3	1.2	111.8	103.4	215.2
Abril	1.0	8.6	15.1	17.4	18.8	18.7	20.1	17.2	14.5	14.1	10.4	3.8	79.6	80.1	159.7
Mayo	3.8	10.0	13.3	15.6	17.8	21.0	18.8	18.5	18.1	15.3	10.5	0.5	81.5	81.7	163.2
Junio	3.7	17.5	21.2	20.4	20.6	20.0	18.5	16.7	13.2	10.3	6.2	0.9	103.4	65.8	169.2
Julio	5.6	18.5	20.9	23.5	23.5	23.1	20.8	19.2	16.4	14.8	13.3	4.7	115.1	89.2	204.3
Agosto	3.5	17.8	21.2	23.5	23.4	24.0	19.4	16.4	12.8	12.7	9.2	3.8	113.4	74.3	187.7
Septiembre	2.3	12.8	16.6	18.4	17.2	15.7	12.8	10.9	9.8	8.4	6.2	1.3	83.0	49.4	132.4
Octubre	0.2	10.0	19.3	19.7	20.6	20.6	15.9	10.9	11.0	9.4	5.8	0.9	90.4	53.9	144.3
Noviembre	—	11.0	20.5	25.0	23.7	24.3	21.0	21.9	17.4	14.0	11.6	2.6	105.1	87.6	192.7
Diciembre	0.2	11.1	23.9	26.9	29.5	29.1	29.8	28.6	27.3	26.9	21.4	4.8	120.7	137.8	258.5
SUMA ANUAL	24.7	157.9	240.3	265.4	272.0	274.4	250.5	233.2	205.8	183.9	134.4	31.9	1.244.7	1.039.7	2.284.4

PRECIPITACION

7	14	20	Suma	Días Lluv.	Máx.	D.
2.2	6.0	65.4	73.6	6	36.7	5
8.6	0.3	21.5	30.4	4	17.1	28
15.9	48.9	119.4	184.2	17	44.6	5
56.0	86.1	207.5	349.6	27	61.4	14
8.9	23.9	56.5	89.3	22	23.2	28
3.3	27.6	39.3	70.2	23	17.0	6
11.9	49.6	13.6	75.1	17	28.8	10
15.9	66.3	85.8	168.0	22	33.0	19
24.4	42.7	197.0	264.1	28	39.1	14
11.3	33.2	125.5	170.0	22	33.9	2
27.3	—	52.2	79.5	6	36.9	13
(16.9	36.1	89.4	141.3	194	36.3	-)

SUMAS HORARIAS DE LA PRECIPITACION

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17 18	18 19	19 20	20 21	21 22	22 23	23-24	Total
Enero																									
Febrero	—	—	—	0.2	0.7	1.1	0.1	0.2	—	—	—	—	5.4	0.4	4.7	28.0	27.8	4.7	0.2	—	—	0.1	—	—	73.6
Marzo	—	0.1	1.4	0.1	0.1	0.6	0.5	0.3	—	—	—	—	—	—	9.5	5.8	0.1	0.6	5.0	0.5	0.5	—	3.9	1.3	30.4
Abril	7.3	4.4	0.1	—	0.1	—	—	—	—	—	—	4.6	23.6	20.7	13.0	13.0	36.3	23.3	24.2	3.6	0.3	1.3	0.4	2.0	184.2
Mayo	17.8	4.1	2.1	0.2	0.4	—	0.9	1.0	—	—	17.2	1.3	29.3	37.3	32.6	86.1	50.6	8.6	15.0	14.6	4.3	0.5	—	25.7	349.6
Junio	1.4	0.6	3.6	1.8	1.0	0.1	—	12.2	3.1	—	0.7	0.2	3.3	4.4	28.4	10.1	6.1	4.2	1.1	6.6	—	—	0.3	0.1	89.3
Julio	—	—	—	0.1	—	0.2	1.1	1.7	0.1	0.3	—	—	18.2	7.3	12.0	3.0	12.8	5.5	5.4	0.6	0.2	0.2	1.5	—	70.2
Agosto	—	0.2	0.1	—	0.6	0.5	—	—	—	0.2	0.3	10.2	9.8	30.1	3.0	4.7	2.3	1.1	2.3	0.2	1.9	1.7	4.2	2.5	75.1
Septiembre	0.1	0.1	—	—	0.7	0.5	—	0.2	2.2	1.2	0.3	19.8	10.8	32.8	14.6	15.4	41.6	4.5	1.4	7.3	0.2	0.2	9.4	4.7	138.0
Octubre	7.1	1.6	0.1	—	0.7	5.5	1.6	—	—	—	0.1	0.5	11.5	30.6	49.5	42.7	38.8	43.1	16.5	5.4	4.8	0.9	—	2.1	264.1
Noviembre	2.4	1.2	1.5	1.5	1.2	—	—	0.4	—	0.8	5.5	2.7	12.6	11.2	64.9	27.4	26.9	2.8	3.4	0.1	1.1	0.7	0.2	1.5	170.0
Diciembre	21.2	0.5	0.3	—	—	—	—	—	—	—	—	—	—	—	—	4.6	—	18.9	0.8	27.9	1.5	0.3	—	3.5	79.5
SUMA ANUAL	(57.3	12.8	9.2	3.9	5.7	8.5	4.3	16.0	5.4	2.5	24.1	30.3	123.5	174.8	236.2	241.8	243.3	117.3	75.3	57.8	14.8	5.9	19.9	43.4	1.554.0)

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: MANAURE DE LA PRECIPITACION AÑO 1.963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h:min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero																				
Febro	73.6	6	10	3	13	71.4	2.2	11:45'	3:15'	15:00'	36.4	3:40'	0.16	7.0	1.4	3:40'	36.4	0.16	7.0	1.4
Marzo	30.4	4	5	5	10	21.5	8.9	4:45'	5:50'	10:35'	15.4	2:05'	0.12	2.0	0.4	2:10'	1.5	0.01	0.3	0.1
Abril	184.2	17	23	9	32	168.3	15.9	26:30'	10:55'	37:25'	44.3	2:45'	0.26	8.0	1.6	3:35'	4.1	0.01	0.8	0.1
Mayo	349.6	27	38	16	54	297.4	52.2	42:50'	15:55'	58:45'	81.4	1:45'	0.77	11.8	2.3	4:20'	41.3	0.15	8.9	1.8
Junio	89.3	22	38	7	45	80.4	8.9	30:55'	10:55'	41:50'	20.5	2:05'	0.16	9.3	1.8	3:20'	2.6	0.01	0.2	0.1
Julio	70.2	23	34	6	40	65.2	5.0	22:15'	4:30'	26:45'	11.6	1:00'	0.19	5.0	1.0	2:20'	3.0	0.02	0.3	0.1
Agsto	75.1	17	26	6	32	64.3	10.8	15:45'	9:25'	25:10'	21.2	0.50'	0.42	11.0	2.2	3:40'	6.3	0.02	0.5	0.1
Spbre	168.0	22	41	5	46	152.3	15.7	38:00'	5:30'	43:30'	25.2	1:55'	0.24	6.5	1.3	4:30'	22.7	0.08	3.0	0.6
Ocbre	264.1	28	47	9	56	243.7	20.4	49:50'	10:05'	59:55'	39.1	1:35'	0.41	7.5	1.5	3:55'	2.3	0.01	0.3	0.1
Nvbre	170.0	22	39	9	48	158.8	11.2	32:30'	10:50'	43:20'	33.9	2:05'	0.27	11.0	2.2	6:00'	8.9	0.02	0.3	0.1
Dcbre	79.5	6	7	5	12	25.9	53.6	4:40'	4:45'	9:25'	29.2	1:50'	0.26	10.5	2.1	1:50'	29.2	0.26	10.5	2.1
TOTALES	1554.0	194	308	80	388	1349.2	204.8	279:45'	91:55'	371:40'	358.2	21:35'	XX	XX	XX	39:20'	148.3	XX	XX	XX)

PRECIPITACION DIARIA — BRILLO SOLAR DIARIO

Año: 1.9 6 3

ESTACION Yacopí - Cundinamarca — **ALTURA** 1.530 m

PRECIPITACION DIARIA

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	18.4	1.2	4.9	19.0	15.7	2.1	12.0	0.1	15.3	--	0.1
2	17.0	34.2	--	3.6	1.2	--	--	6.9	--	33.0	--	1.1
3	--	--	15.7	0.3	0.2	0.1	--	1.8	--	--	5.3	7.1
4	7.7	0.7	0.2	0.2	4.2	0.6	--	--	--	0.7	4.1	--
5	1.2	--	1.5	32.9	27.3	--	--	--	--	0.5	--	1.2	--
6	--	8.6	7.7	22.5	2.0	--	1.8	--	--	--	--	--	1.3
7	19.3	10.7	--	9.4	64.0	--	0.9	15.6	10.8	6.6	--	--
8	5.7	8.2	4.0	8.4	48.5	--	0.7	--	--	19.8	--	1.4
9	0.1	9.2	3.6	3.8	43.1	0.9	1.0	20.0	17.5	--	0.1	0.8
10	1.0	13.8	0.9	8.0	33.2	6.4	12.0	--	12.1	--	5.6	--
11	1.6	13.4	8.7	3.3	--	21.3	13.6	--	--	--	10.9	--
12	--	0.6	38.0	0.7	2.9	20.3	6.1	--	4.0	33.1	72.4	--
13	0.1	10.4	40.4	6.5	10.8	0.3	1.0	--	0.6	0.3	3.3	--
14	--	--	29.9	1.3	0.4	2.5	2.4	17.2	8.3	3.4	26.8	--
15	11.9	--	13.5	12.7	--	7.6	9.7	--	9.6	11.2	1.6	--
16	--	--	4.0	7.8	0.1	49.7	14.2	--	1.8	3.5	0.2	14.6
17	--	11.8	8.3	54.4	27.3	--	--	0.1	0.1	3.3	--	8.6
18	--	13.3	0.1	3.8	0.6	--	20.5	1.3	1.4	4.6	1.3	--
19	--	11.7	--	4.3	2.5	--	5.0	3.5	0.6	0.1	--	4.6
20	0.8	29.6	--	17.4	--	--	20.1	20.9	4.9	--	0.9	--
21	--	2.0	--	1.9	--	--	13.7	4.8	3.5	0.8	55.9	--
22	--	34.2	44.0	--	--	--	0.2	--	--	10.3	0.1	12.4
23	--	0.6	4.2	3.7	--	0.1	--	9.9	3.5	14.6	15.2	4.1
24	--	1.0	36.7	47.4	3.9	--	--	--	--	12.6	3.6	4.9
25	3.9	--	19.1	--	--	0.5	--	3.6	19.0	--	13.4	--
26	5.6	9.4	6.2	1.5	0.2	7.2	--	--	5.8	7.2	--	--
27	4.0	--	--	10.5	--	7.4	--	1.9	0.1	12.2	--	--
28	--	33.0	19.3	52.7	57.1	--	--	--	0.8	--	1.8	--
29	--		6.8	12.4	0.1	0.9	49.6	--	15.5	--	14.2	2.3
30	--		13.7	11.2	9.3	--	4.1	--	0.1	49 2	8.7	0.7
31	7.3		5.0		0.2		20.3	--		8.6		3.2
Suma Mensual	87.2	264.8	332.7	347.7	358.1	141.5	199.0	119.5	126.4	250.6	246.6	67.2
Dias Lluviosos	15	21	25	28	23	16	20	14	22	21	21	15

Total de días lluviosos = 241 — TOTAL DEL AÑO 2.541,3 m.m.

BRILLO SOLAR DIARIO

	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
	4.6	3.8	8.8	0.3	7.3	4.5	8.2	4.3	10.3	8.5	3.0	4.4
	0.4	5.1	6.8	1.2	9.3	4.6	7.9	2.3	8.9	7.7	4.6	6.2
	3.0	4.3	6.9	1.6	6.5	5.1	8.4	5.7	10.1	4.3	7.2	5.1
	3.8	0.3	8.8	2.9	5.6	3.9	8.8	9.5	7.6	7.6	6.6	6.5
	4.8	4.4	8.8	5.8	5.8	6.2	4.6	7.0	3.4	6.9	8.9	5.7	7.9
	7.9	4.5	6.5	6.3	--	--	9.1	6.2	7.3	7.7	7.1	5.0	9.4
	6.7	4.3	4.4	3.2	5.1	10.6	5.8	7.0	6.0	8.3	5.7	6.7
	6.6	6.0	4.3	6.3	5.3	8.3	5.0	5.5	5.7	5.8	9.3	7.4
	5.3	5.5	2.4	3.5	3.6	3.7	2.7	4.1	5.0	3.9	7.8	5.3
	4.5	4.9	4.8	4.8	2.3	3.3	2.4	6.7	3.6	8.8	6.1	8.9
	4.4	5.8	6.3	7.5	8.6	2.0	2.6	11.4	7.2	7.3	4.1	7.2
	7.7	8.6	6.1	5.8	4.5	2.8	6.9	8.7	4.0	7.1	3.4	6.3
	8.8	9.7	4.7	7.3	3.1	1.0	4.5	9.8	5.3	--	2.0	5.5
	8.2	7.2	7.2	3.8	2.1	6.1	7.9	5.6	4.2	5.1	1.5	5.5
	7.8	10.0	7.0	8.3	5.5	3.8	2.0	7.2	2.7	5.1	0.4	7.6
	9.4	5.3	2.3	7.6	4.6	6.6	5.9	10.5	8.7	2.5	6.6	6.4
	9.8	8.1	6.0	4.9	5.9	8.3	9.2	7.9	1.6	6.1	8.0	2.0
	10.4	5.4	6.8	3.0	7.6	9.9	8.6	7.7	1.6	6.7	6.9	2.6
	9.8	0.2	2.4	6.1	6.3	8.5	5.3	3.9	0.3	8.6	7.0	3.0
	9.7	5.6	7.8	2.3	6.5	9.2	7.7	4.7	4.6	9.5	5.7	6.4
	9.8	5.3	6.8	2.1	3.1	10.8	5.6	5.8	5.2	8.1	5.5	4.2
	10.4	3.9	4.2	3.8	10.3	11.6	8.0	7.3	7.6	7.9	--	4.8
	8.9	4.4	5.5	4.6	--	10.8	8.1	7.8	7.2	8.2	1.9	7.5
	6.3	5.8	4.1	5.7	3.1	4.5	10.3	5.6	8.5	7.2	3.9	8.1
	3.8	5.3	7.3	5.6	--	6.1	10.8	7.2	3.8	4.9	6.1	4.7
	--	6.4	7.6	7.7	6.7	8.5	10.0	4.4	5.1	6.2	4.7	4.7
	4.2	7.4	6.4	3.9	6.0	5.7	8.9	4.5	7.6	5.5	4.4	7.6
	--	8.0	5.7	4.7	5.0	3.3	8.6	10.6	6.0	5.7	6.3	7.2
	7.7		4.6	3.4	10.0	5.3	6.2	10.8	5.7	6.4	7.6	7.3
	8.0		3.4	7.4	9.2	7.4	4.8	10.7	7.4	4.8	8.6	3.7
	6.6		--		6.4		5.6	8.6		3.6		6.6
	199.3	155.5	174.7	141.4	165.7	189.9	209.9	216.5	176.1	197.4	155.6	186.7

TOTAL DEL AÑO 2.168,7

ESTACION: YACOPI FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m. AÑO 1.963

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	--	—	1	2	2	3	1	1	3	2	1	1	1	2	1	4	3	3	3	3	4	4	3	2	17
Febro	6	8	8	7	4	5	7	2	1	2	3	2	4	3	4	2	3	7	5	6	6	4	4	5	21
Marzo	10	5	5	--	5	2	1	—	—	2	--	2	2	2	4	5	10	6	15	15	14	11	10	10	28
Abril	10	10	10	11	5	5	7	2	2	3	1	1	2	4	5	4	7	5	7	7	12	11	17	8	28
Mayo	9	6	13	8	5	5	3	3	2	1	1	3	3	2	1	3	7	9	8	8	6	7	6	7	24
Junio	3	4	2	3	2	3	2	1	—	1	—	1	1	3	3	6	5	4	3	3	3	3	4	3	17
Julio	3	3	3	1	3	1	1	2	2	1	2	1	5	1	3	6	9	8	11	8	3	1	1	1	19
Agsto	3	2	1	1	2	1	1	—	—	—	--	1	2	1	1	5	3	5	3	3	3	1	2	3	16
Spbre	2	4	2	3	3	4	2	3	1	2	--	1	3	4	6	7	3	6	4	6	4	2	3	3	22
Ocbre	8	6	6	6	6	2	1	2	1	1	2	2	2	2	4	4	5	6	7	9	9	11	9	9	21
Nvbre	7	6	7	6	5	7	5	5	4	3	3	1	3	3	3	4	2	٠	4	4	6	5	4	5	22
Dcbre	1	1	4	2	2	1	2	1	—	1	—	1	—	—	3	3	3	4	2	1	1	4	3	4	16
SUMA ANUAL	62	57	62	50	44	39	33	22	16	19	13	17	28	27	38	53	60	69	72	73	71	64	61	60	251

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	4	8	10	13	16	17	17	15	14	13	—	27	16	9	5	3	4	4	4	3	5	7	14
Febro	—	1	6	8	10	6	11	12	6	5	4	—	26	14	9	4	3	3	2	2	3	5	8	20
Marzo	—	3	11	12	14	13	6	8	4	2	--	—	26	9	4	2	1	2	3	4	8	9	12	27
Abril	—	1	7	10	7	8	8	8	3	3	—	—	27	15	12	6	5	2	2	2	8	17	19	25
Mayo	—	3	5	11	6	15	9	10	9	7	5	—	26	17	10	10	5	5	3	5	4	9	12	18
Junio	—	6	14	15	16	10	6	4	4	7	8	—	16	9	4	2	2	1	4	6	3	8	13	18
Julio	—	5	11	18	13	10	3	5	6	5	5	—	20	4	3	2	1	1	—	1	3	7	10	16
Agsto	1	7	19	16	15	11	10	12	8	5	7	—	21	6	1	1	—	1	2	4	3	7	11	14
Spbre	—	1	11	15	14	9	7	5	8	8	5	—	25	12	6	4	4	2	3	4	6	7	9	17
Ocbre	—	—	8	17	10	12	5	11	11	11	9	—	30	13	5	5	5	3	2	3	2	4	7	17
Nvbre	—	—	6	10	9	10	11	7	13	2	1	--	28	19	12	7	6	5	4	2	2	5	10	21
Dcbre	--	—	5	12	8	12	9	4	7	5	3	—	31	12	4	3	1	2	2	2	2	4	8	20
SUMA ANUAL	1	31	111	154	135	132	102	103	94	74	60	—	303	146	79	51	36	31	31	39	47	87	126	227

ESTACION: YACOPI AÑO: 1963

SUMAS HORARIAS DE BRILLO SOLAR

MESES	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	SUMA Mañana	SUMA Tarde	SUMA Mensual
Enero	0.6	10.2	13.6	18.1	21.5	24.0	23.3	22.1	22.4	19.4	17.9	6.2	68.0	111.3	199.3
Febrero	0.4	6.2	12.7	16.2	18.9	18.6	19.7	19.4	17.2	13.3	10.5	2.4	73.0	82.5	155.5
Marzo	1.6	10.8	19.6	22.4	24.8	22.9	19.7	18.9	15.1	12.8	5.7	0.4	102.1	72.6	174.7
Abril	1.1	7.0	13.2	18.0	19.3	19.0	19.1	16.4	12.2	9.4	5.0	1.7	77.6	63.8	141.4
Mayo	0.9	7.7	12.8	16.9	16.7	21.0	20.2	20.1	18.3	13.7	11.9	5.5	76.0	89.7	165.7
Junio	7.1	13.5	20.0	24.2	22.7	21.9	17.6	14.5	15.2	15.0	12.3	5.9	109.4	80.5	189.9
Julio	6.5	14.2	22.7	26.5	24.2	22.7	18.9	19.8	18.8	16.5	13.2	7.9	114.8	95.1	209.9
Agosto	3.8	16.7	26.2	25.2	25.3	22.8	22.2	21.9	18.0	14.8	12.7	6.9	120.0	96.5	215.5
Septiembre	1.1	9.2	17.1	21.1	22.6	21.5	18.0	17.9	15.4	15.5	11.4	5.3	92.6	83.5	176.1
Octubre	0.4	6.5	19.3	23.3	20.6	23.3	21.7	21.7	20.8	18.1	16.4	5.3	93.4	104.0	197.4
Noviembre	0.2	4.3	12.7	16.7	15.6	20.4	19.9	20.4	21.4	12.6	7.7	2.7	70.9	84.7	155.6
Diciembre	—	5.6	15.8	21.8	22.2	23.4	23.1	21.4	20.2	17.0	10.7	3.5	90.8	95.9	186.7
SUMA ANUAL	23.7	112.9	206.7	248.4	255.4	261.5	243.4	234.5	215.0	178.1	135.4	53.7	1.108.6	1.060.1	2.168.7

PRECIPITACION

7	14	20	Suma	Dias Lluv.	Máx.	D.
44.9	10.8	26.2	87.2	15	19.3	7
148.6	32.9	57.6	259.8	21	31.2	22
148.7	5.8	206.2	332.7	25	44.0	22
219.0	56.2	74.8	367.7	28	54.4	17
258.7	14.3	85.8	358.1	23	64.0	7
91.2	17.8	32.5	141.5	16	40.7	16
32.6	14.2	152.2	199.0	20	49.6	29
33.7	22.0	63.8	119.5	14	20.9	20
49.6	30.4	46.4	126.4	22	13.0	25
166.9	8.8	74.9	250.6	21	49.2	30
193.2	22.8	21.9	249.6	21	72.4	12
39.7	1.0	32.0	57.2	15	14.6	16
118.9	19.9	72.7	211.8	241	40.9	-

SUMAS HORARIAS DE LA PRECIPITACION

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17 18	18 19	19 20	20 21	21 22	22 23	23-24	Total
Enero	—	—	0.2	1.0	5.5	4.5	4.9	1.2	5.8	1.0	0.7	8.4	1.1	0.6	2.6	10.7	7.7	1.1	0.5	1.6	19.4	4.9	5.6	4.1	85.1
Febrero	26.3	31.5	20.4	16.1	5.6	4.1	17.0	0.3	6.3	4.9	4.9	1.1	5.4	10.0	1.0	0.2	4.5	30.4	8.4	13.1	4.8	30.2	6.4	11.8	266.7
Marzo	12.2	8.0	2.0	—	0.5	0.2	0.1	—	—	0.2	—	2.5	1.6	1.5	16.4	22.2	18.4	63.7	58.2	27.3	39.5	21.8	21.7	13.3	331.3
Abril	14.7	15.3	9.6	7.6	2.3	1.3	10.9	22.5	16.5	4.4	0.1	0.1	2.0	12.6	2.7	12.4	6.0	8.1	7.2	38.4	93.4	26.4	19.0	15.1	348.6
Mayo	35.9	58.0	14.5	3.7	14.4	10.2	2.4	1.2	1.3	0.4	0.3	3.9	6.9	0.3	1.0	1.6	5.0	8.5	56.8	12.9	6.4	19.9	48.9	43.4	358.8
Junio	4.4	12.4	6.7	7.6	34.6	5.5	0.8	0.1	—	0.1	—	0.7	10.5	5.4	2.3	7.1	6.3	4.8	5.8	6.2	5.0	2.7	6.7	4.8	141.5
Julio	2.7	13.3	10.2	0.1	0.3	0.1	4.1	0.2	0.5	0.1	1.2	0.1	12.0	0.1	1.6	9.6	27.6	68.5	15.2	29.5	0.8	0.7	0.2	0.1	199.0
Agosto	6.4	0.7	0.1	1.7	3.7	0.8	0.1	—	—	—	—	0.4	1.6	20.0	0.6	10.4	24.9	9.9	3.0	15.0	8.6	3.6	1.6	0.4	119.5
Septiembre	13.2	4.5	5.8	1.9	0.5	2.0	10.2	6.2	6.0	0.2	—	0.1	0.5	17.4	13.8	14.6	0.8	10.0	3.8	3.4	4.0	0.7	0.4	5.4	126.4
Octubre	10.0	7.7	10.4	7.0	5.1	0.2	0.5	1.6	1.9	0.1	1.7	1.9	0.3	1.3	2.0	11.6	21.0	9.4	11.0	19.9	49.9	32.1	30.9	13.1	250.6
Noviembre	39.2	31.0	6.8	11.0	18.9	13.9	4.2	0.9	2.5	9.7	2.3	0.4	0.8	6.2	0.7	2.5	0.9	6.0	4.9	6.9	23.0	48.5	0.9	4.5	246.6
Diciembre	0.3	0.2	0.6	0.8	3.1	2.1	2.4	0.1	—	0.6	—	0.3	—	—	4.5	1.8	12.8	4.6	7.7	0.6	2.4	12.1	3.4	3.8	64.0
SUMA ANUAL	167.3	183.6	88.3	58.5	94.5	44.9	57.6	34.3	40.8	21.7	11.2	11.9	42.7	76.4	49.4	104.7	135.9	225.0	182.5	174.8	257.2	203.6	145.7	125.6	2.538.1

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: YACOPI — DE LA PRECIPITACION — AÑO: 1.963

MESES	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h:min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	87.2	15	17	11	28	58.5	28.7	22:10'	9:40'	31:50'	19.3	3:10'	0.10	4.0	0.8	3:40'	3.9	0.01	1.0	0.2
Febro	264.8	21	26	34	60	173.6	91.2	27:15'	37:35'	64:50'	32.8	2:30'	0.21	8.2	1.6	3:45'	13.2	0.05	5.0	1.0
Marzo	332.7	25	38	32	70	276.2	56.5	58:10'	30:25'	88:35'	43.9	3:30'	0.20	6.0	1.2	7:30'	36.6	0.30	7.0	1.4
Abril	347.7	28	31	44	75	162.7	185.0	39:55'	58:30'	98:25'	51.0	9:50'	0.08	7.3	1.4	9:50'	51.0	0.08	7.3	1.4
Mayo	358.1	23	32	24	56	122.3	235.8	36:55'	47:20'	84:15'	59.4	9:05'	0.10	10.0	2.0	9:05'	59.4	0.10	10.0	2.0
Junio	141.5	16	21	16	37	57.8	83.7	19:10'	17:00'	36:10'	40.9	2:55'	0.23	5.0	1.0	5:35'	15.4	0.04	0.8	0.1
Julio	199.0	20	35	14	49	167.0	32.0	34:40'	9:50'	44:30'	49.3	2:05'	0.39	10.0	2.0	3:20'	20.3	0.10	2.5	0.5
Agsto	119.5	14	14	9	23	86.9	32.6	18:35'	12:20'	28:55'	20.9	1:35'	0.22	3.5	0.7	3:40'	12.0	0.05	2.5	0.5
Spbre	128.4	22	29	18	47	69.0	57.4	26:10'	20:10'	46:20'	22.3	3:50'	0.09	2.5	0.5	3:50'	22.3	0.09	2.5	0.5
Octbre	250.8	21	25	18	43	160.9	89.7	55:50'	34:15'	90:05'	45.4	7:00'	0.10	5.5	1.1	8:30'	32.9	0.06	6.0	1.2
Nvbre	248.8	21	24	22	46	46.9	199.7	26:25'	43:30'	69:55'	72.1	7:00'	0.17	5.0	1.0	7:00'	72.1	0.17	5.0	1.0
Dcbre	67.2	15	12	16	28	32.9	34.3	10:25'	16:15'	26:40'	8.6	1:50'	0.07	4.0	0.8	3:45'	6.0	0.02	0.5	0.1
TOTALES	2541.3	261	304	258	562	1414.7	1126.6	373:40'	338:50'	710:30'	485.9	53:20'	XX	XX	XX	69:30'	345.1	XX	XX	XX

PRECIPITACION DIARIA — BRILLO SOLAR DIARIO

Año: 1.9 6 3

ESTACION Santa Rosa de C.(Jazmin) - Caldas — ALTURA 1.7 20 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	1.3	19.0	--	1.0	16.9	-	--	9.1	9.2	--	0.4	--	6.1	3.6	7.0	3.5	7.6	3.1	6.3	2.3	4.4	4.2	1.1	6.4
2	0.3	8.7	0.1	1.7	0.4	0.7	1.4	--	--	1 6	14.4	47.1	4.8	4.5	8.5	1.3	1.6	7.2	1.0	1.7	9.5	8.4	1.9	6.0
3	5.4	8.8	--	29.1	--	41.7	--	--	--	27.3	4.3	8.5	9.0	6.2	8.1	1.1	6.7	1.8	9.5	7.4	7.6	7.7	2.7	4.6
4	--	3.8	0.1	--	22.9	3.6	22.2	--	--	0.2	1.9	--	5.7	0.3	3.3	1.1	3.7	2.1	1.8	8.8	7.7	7.5	2.5	4.9
5	0.5	17.1	35.5	25.3	68.8	--	14.7	13.2	--	1.3	14.4	--	1.0	0.3	6.0	5.8	3.6	4.4	6.0	3.0	6.8	6.9	3.4	8.0
6	0.4	0.2	1.1	10.2	1.3	0.1	0.6	1.8	--	2.4	38.5	--	5.5	4.5	5.3	5.3	2.3	8.6	3.3	3.6	3.4	4.6	0.9	9.5
7	6.7	21.6	4.6	11.2	22.9	6.8	0.5	34.9	2.5	--	9.7	--	7.4	7.8	5.7	1.6	2.8	8.4	6.3	7.5	1.8	2.1	5.7	8.9
8	--	16.8	1.7	--	4.6	25.9	0.3	0.5	0.2	2.8	5.3	--	5.7	3.2	6.0	6.4	4.4	3.0	2.1	4.7	2.7	2.6	7.0	4.3
9	1.2	3.0	0.5	5.3	0.3	0.2	47.0	7.5	--	2.5	1.9		5.3	6.7	1.6	6.2	3.6	2.7	2.1	1.6	6.0	2.7	4.7	5.0
10	14.4	0.2	2.0	6.7	50.5	34.7	19.9	--	0.3	--	20.0	--	4.4	1.6	1.1	3.2	3.0	2.1	2.8	7.3	4.0	8.8	3.3	8.7
11	--	26.3	8.7	12.5	0.2	47.9	23.7	--	0.1	--	5.7	--	3.3	4.2	3.6	5.4	6.8	0.1	1.2	5.5	5.5	5.7	0.4	5.4
12	--	1.3	5.8	0.1	1.0	9.3	1.0	--	3.1	18.3	0.4	2.3	7.8	2.0	4.4	6.6	4.3	1.7	4.5	6.8	3.9	6.5	3.2	8.2
13	--	--	4.0	1.1	--	9.7	2.3	--	0.1	1.7	27.6	--	5.7	9.9	2.1	4.2	0.2	2.5	5.5	8.7	3.6	3.6	2.7	6.0
14	--	--	9.5	1.3	48.3	--	6.5	0.3	0.5	3.5	4.6	0.2	10.5	10.6	3.7	3.5	0.3	4.4	8.7	8.5	4.9	5.5	--	7.4
15	8.0	0.1	0.2	15.5	5.6	--	2.4	--	5.7	15.2	--	19.5	8.5	8.1	6.8	3.3	3.6	6.9	2.3	4.8	--	1.1	1.2	6.9
16	7.3	--	15.6	--	6.2	7.2	11.2	0.5	25.5	3.7	--	10.2	6.0	8.6	4.3	4.5	5.0	7.3	4.4	5.2	5.3	2.2	8.3	7.0
17	--	10.4	0.1	7.5	54.4	0.1	3.1	0.2	--	15.7	--	--	7.4	3.0	5.7	5.8	4.3	11.1	6.3	7.3	1.6	3.2	8.7	4.1
18	--	6.8	20.1	--	4.7	--	7.7	--	7.6	2.4	--	--	8.7	4.5	4.2	0.6	7.2	9.8	7.2	6.2	1.0	5.6	2.9	7.9
19	3.6	18.3	1.7	32.6	1.1	0.8	--	19.0	5.5	0.1	--	0.4	8.4	0.6	3.5	6.5	1.7	6.0	5.6	5.3	2.4	5.5	8.3	5.9
20	--	4.9	--	46.3	18.5	0.4	11.5	2.0	3.9	5.8	13.0	13.4	8.4	2.0	8.0	4.3	3.2	7.7	7.5	2.9	1.1	1.9	5.5	7.9
21	--	13.1	--	6.0	0.5	--	6.2	3.8	13.0	6.1	23.6	1.1	6.1	5.2	7.1	1.2	5.7	7.8	6.1	6.2	8.0	7.6	5.0	2.1
22	--	2.4	--	0.1	--	--	1.1	--	7.5	--	16.7	--	9.0	1.1	4.4	6.6	7.5	8.8	7.5	7 0	3.2	4.7	3.4	2.5
23	11.1	3.9	10.4	0.8	33.0	0.2	--	0.8	0.5	63.8	1.9	--	5.6	0.4	5.2	4.1	7.5	6.4	8.2	8.6	3.2	5.9	1.8	6.0
24	14.3	5.3	--	26.5	--	0.3	--	--	16.2	1.5	31.4	--	7.8	4.3	1.0	2.2	0.4	3.9	8.9	5.2	3.9	4.7	1.3	5.7
25	7.3	0.1	18.8	0.4	2.6	0.5	--	3.2	60.3	2.6	1.1	7.2	8.0	8.1	4.2	3.6	0.9	7.2	10.5	8.6	3.9	5.6	5.4	3.1
26	10.9	12.2	18.2	--	8.1	1.6	5.6	--	1.2	--	0.4	--	7.6	7.4	4.3	6.6	2.4	7.0	9.3	8.4	3.7	8.2	5.8	7.2
27	58.1	0.6	14.9	1.1	42.2	2.5	0.2	29.3	--	1.1	--	--	3.1	5.2	8.8	1.3	6.0	3.8	5.6	4.9	8.0	2.7	5.4	8.8
28	0.4	0.1	9.3	10.6	0.2	0.3	3.5	0.1	--	23.3	9.8	--	7.6	9.4	5.3	1.8	4.5	3.8	5.7	8.2	7.5	3.0	6.8	8.9
29	0.6		24.2	1.7	1.0	10.4	2.3	--	0.7	45.2	--	15.6	5.1		9.9	0.5	4.8	8.3	5.8	8.4	3.7	9.1	6.3	2.9
30	4.7		0.3	7.0	24.1	--	--	4.3	8.6	26.6	--	0.8	8.5		2.9	4.1	6.4	0.7	6.1	7.9	8.4	5.6	7.2	1.6
31	7.0		0.8		--		5.2	--		6.4		9.7	7.0		0.4		4.6		2.6	3.7		0.7		2.9
Suma Mensual	163.5	207.0	208.2	261.6	450.3	204.9	200.1	130.5	172.2	281.1	247.0	136.1	205.0	133.3	152.4	112.8	126.0	158.6	170.7	186.2	136.7	153.1	123.4	184.7
Dias Lluviosos	20	25	25	25	26	22	24	17	21	25	22	14												

Total de días lluviosos: 266 — TOTAL DEL AÑO 2.662.5 m.m.

TOTAL DEL AÑO 1.843.5

ESTACION: EL JAZMIN FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m. AÑO 1963

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	3	3	5	6	2	1	1	—	1	—	—	—	—	2	3	4	2	7	4	7	4	3	2	3	20
Febro	8	7	8	9	6	5	8	9	4	4	1	1	3	6	9	7	4	4	3	3	2	2	2	5	23
Marzo	9	8	5	3	4	2	2	5	1	1	1	1	5	5	5	5	5	5	5	2	5	3	--	3	26
Abril	5	6	9	9	9	4	4	2	2	—	1	2	5	10	13	8	6	4	6	4	2	3	3	3	25
Mayo	9	10	9	7	6	5	4	5	—	—	2	5	7	5	7	6	5	3	5	4	6	7	8	7	26
Junio	6	8	9	7	5	5	7	2	3	3	1	2	2	3	7	4	5	5	2	--	2	3	3	2	20
Julio	3	3	6	5	8	9	5	4	2	2	3	1	6	5	5	2	2	2	2	3	3	2	5	5	25
Agsto	2	3	6	8	5	6	5	3	3	—	1	2	2	8	4	—	2	1	2	—	2	1	1	2	20
Spbre	2	2	3	6	2	2	2	2	1	—	2	2	6	6	5	3	1	1	1	3	2	1	2	2	19
Ocbre	6	8	8	6	6	6	5	2	1	—	--	3	6	8	9	4	3	2	2	2	1	4	6	7	24
Nvbre	8	8	8	6	6	5	5	1	1	2	--	3	3	7	11	7	7	5	4	4	5	9	6	6	22
Dcbre	1	3	4	3	3	2	--	1	2	2	1	--	1	1	3	3	3	3	3	2	1	1	--	2	14
SUMA ANUAL	62	69	80	75	62	52	48	36	21	14	13	22	48	66	81	53	45	42	39	34	35	39	38	49	264

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	5	11	10	9	7	11	12	9	6	4	—	8	9	6	3	1	—	3	3	6	9	7	15
Febro	—	6	7	9	5	7	8	5	7	3	3	—	18	13	9	7	3	6	4	7	9	9	11	16
Marzo	—	3	6	8	5	4	4	4	7	5	6	—	20	12	10	10	8	7	3	4	7	12	11	19
Abril	—	3	7	8	7	4	3	2	--	—	1	—	15	14	9	4	4	7	8	15	22	18	23	26
Mayo	1	4	5	6	6	4	4	3	2	2	1	—	19	15	9	7	7	7	7	12	13	14	13	20
Junio	--	6	7	12	9	6	6	3	5	6	6	—	19	12	7	6	6	3	5	8	8	7	7	21
Julio	—	2	10	13	10	9	5	4	6	3	7	—	18	13	8	2	5	3	7	8	6	4	6	14
Agsto	—	6	10	14	10	11	7	6	3	3	2	—	16	13	5	3	1	2	3	3	5	6	8	16
Spbre	—	—	6	8	7	4	5	1	1	2	4	—	21	13	6	4	6	7	9	11	10	8	9	22
Ocbre	—	—	8	10	9	11	5	5	3	3	5	—	24	8	7	7	4	5	4	11	15	16	13	21
Nvbre	—	1	8	11	4	3	9	6	3	3	1	—	23	11	11	4	7	6	8	10	15	14	19	26
Dcbre	—	3	10	8	7	5	7	9	8	2	3	—	16	11	7	4	4	2	3	3	5	9	11	18
SUMA ANUAL	1	39	97	117	88	72	74	60	54	38	43	—	217	144	94	61	56	55	64	85	121	126	138	237

ESTACION: EL JAZMIN

AÑO: 1.963

SUMAS HORARIAS DE BRILLO SOLAR

MESES	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	SUMA Mañana	SUMA Tarde	SUMA Mensual
Enero	6.6	13.5	19.8	21.4	24.3	23.6	23.6	21.7	18.1	14.8	13.4	4.2	109.2	95.8	205.0
Febrero	3.5	9.9	11.1	13.8	15.0	15.0	14.1	13.3	13.7	11.6	8.2	4.1	68.3	65.0	133.3
Marzo	2.5	11.9	14.0	16.8	14.3	15.0	15.2	17.7	15.4	12.3	13.3	4.0	74.5	77.9	152.4
Abril	5.1	9.8	15.2	16.1	16.9	12.0	13.9	7.9	4.0	4.2	3.7	2.0	77.1	35.7	112.8
Mayo	3.9	8.8	13.9	14.8	17.1	14.7	12.0	12.1	9.6	8.0	7.7	4.0	73.2	53.4	126.6
Junio	4.6	11.1	14.4	19.3	18.4	16.9	16.1	12.5	14.5	14.5	13.1	3.2	84.7	73.9	158.6
Julio	4.3	9.3	17.2	20.9	19.4	18.0	15.9	13.7	16.3	15.1	14.0	6.6	89.1	81.6	170.7
Agosto	4.7	12.4	19.5	21.2	20.3	22.1	18.8	16.5	17.4	15.0	12.7	5.6	100.2	86.0	186.2
Septiembre	2.1	10.0	15.6	19.3	17.0	13.9	13.0	11.9	9.9	11.3	10.1	2.4	76.1	58.6	136.7
Octubre	2.5	10.7	18.2	18.9	20.4	19.8	17.0	12.7	10.4	8.2	10.5	3.8	90.5	62.6	153.1
Noviembre	2.2	8.1	13.8	17.0	13.5	15.5	15.6	12.2	8.6	10.2	6.1	0.6	70.1	53.3	123.4
Diciembre	4.4	13.0	16.6	21.6	20.3	21.2	20.1	19.8	18.7	13.3	12.4	3.3	97.1	87.6	184.7
SUMA ANUAL	46.4	128.5	189.5	223.1	216.9	207.7	195.3	172.0	156.6	138.5	125.2	43.8	1.012.1	831.4	1.843.5

PRECIPITACION

7	14	20	Suma	Días Lluv.	Máx.	D.
69.6	3.2	89.0	163.5	20	58.1	27
115.3	44.9	48.5	207.0	25	26.3	11
101.6	73.1	33.5	208.2	25	35.5	5
138.1	37.2	85.6	261.6	25	46.3	20
373.8	58.0	19.2	450.3	26	68.8	5
153.1	33.0	18.8	204.9	22	47.9	11
176.5	11.9	6.6	200.1	24	47.0	9
110.9	21.1	3.6	130.5	17	36.9	7
120.5	33.3	9.8	172.2	21	60.3	25
213.0	22.7	48.7	281.1	25	63.8	23
139.7	21.5	91.1	247.0	22	38.5	6
74.8	6.8	52.5	136.1	14	47.1	2
148.8	30.5	42.2	221.8	266	47.8	-

SUMAS HORARIAS DE LA PRECIPITACION

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17 18	18 19	19 20	20 21	21 22	22 23	23-24	Total
Enero	2.7	3.3	10.4	13.9	0.2	5.4	5.1	—	2.0	—	—	—	—	1.2	1.5	25.0	17.5	14.3	12.0	18.7	5.4	1.0	5.3	16.6	163.5
Febrero	22.9	21.3	10.2	11.2	6.5	15.3	12.9	9.7	14.3	9.6	0.2	1.3	3.1	6.7	16.3	0.1	1.1	11.3	7.6	4.1	8.6	1.4	0.2	3.1	207.0
Marzo	29.9	20.4	20.7	2.1	9.2	3.5	3.9	22.5	4.4	0.6	3.7	0.6	4.5	36.6	13.6	6.1	11.2	0.9	1.2	0.5	4.5	1.3	—	6.1	208.2
Abril	7.3	18.5	28.4	29.0	15.0	4.1	1.8	0.6	0.2	—	1.5	3.7	10.8	20.4	36.7	34.6	3.5	1.3	2.8	6.7	0.4	5.1	19.5	9.0	260.9
Mayo	38.2	75.0	59.1	24.0	4.1	7.1	1.9	2.3	—	—	1.6	25.4	6.9	21.8	8.8	1.6	0.6	0.5	6.5	1.0	19.4	57.7	42.9	44.4	451.0
Junio	7.4	23.8	33.8	37.4	19.4	9.6	0.4	4.2	6.5	4.8	0.7	12.5	2.3	2.0	9.9	1.1	2.9	4.5	0.4	—	3.0	3.7	1.6	7.0	204.9
Julio	23.0	26.3	4.1	14.1	22.7	9.2	28.0	3.0	0.3	0.2	0.9	0.1	6.2	1.2	1.2	0.2	0.7	1.3	0.2	3.0	8.2	0.8	30.9	9.3	195.1
Agosto	22.4	10.5	16.0	19.7	15.8	10.3	3.6	1.9	2.0	—	0.3	2.0	11.7	3.2	2.5	—	0.3	0.1	0.7	—	5.4	2.6	0.3	4.2	135.5
Septiembre	11.9	2.6	3.5	32.5	1.7	8.4	1.3	3.7	0.2	—	3.5	0.5	9.8	15.6	4.4	3.2	0.2	0.3	0.1	1.6	0.8	0.1	17.9	39.8	163.6
Octubre	13.4	8.1	31.7	42.5	31.5	16.8	8.1	3.1	0.1	—	—	10.4	3.9	5.2	10.1	11.4	2.4	1.0	16.6	7.2	2.4	11.6	9.8	42.4	289.7
Noviembre	28.7	10.5	10.8	12.3	4.4	0.6	0.7	0.1	0.1	1.0	—	1.2	4.5	14.6	43.3	22.9	6.4	0.8	0.9	16.8	13.2	17.1	19.3	16.6	247.0
Diciembre	0.5	4.4	3.5	33.3	15.1	0.2	—	0.1	0.5	0.3	0.2	—	4.0	1.7	7.0	8.7	1.6	2.3	30.3	2.6	0.1	0.3	—	17.4	134.1
SUMA ANUAL	208.3	224.7	232.2	272.0	145.6	90.5	73.7	51.2	30.6	16.7	12.6	57.7	67.7	130.2	157.3	120.9	48.6	38.6	79.3	62.2	71.4	102.7	147.7	218.1	2.650.5

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: EL JAZMIN — DE LA PRECIPITACION — AÑO: 1963

MESES	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
	m.m.	Dias	Dia	Noche	Total	Dia	Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h. min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	163.5	20	21	15	36	98.2	65.2	19:20'	16:45'	36:20'	58.1	7:55'	0.12	5.0	1.0	7:55'	58.1	0.12	5.0	1.0
Febro	207.0	20	32	25	57	79.0	128.0	35:05'	53:40'	88:45'	21.0	4:25'	0.07	4.2	0.8	6:00	10.8	0.03	0.5	0.1
Marzo	208.2	25	33	21	54	88.6	119.6	23:55'	33:20'	57:15'	35.4	1:20'	0.44	6.0	1.2	3:55'	26.6	0.11	6.0	1.2
Abril	261.6	25	32	24	56	122.6	139.0	40:15'	42:50'	83:05'	44.4	2:00'	0.37	10.0	2.0	6:20'	32.2	0.08	3.0	0.6
Mayo	450.3	25	35	25	60	150.0	300.3	27:05'	58:10'	85:15'	67.7	4:50'	0.23	8.0	1.6	10:10'	27.3	0.04	2.0	0.4
Junio	209.9	22	26	22	48	65.4	159.5	19:20'	43:05'	62:25'	39.4	10:45'	0.06	1.5	0.3	10:45'	39.4	0.06	1.5	0.3
Julio	200.1	24	30	25	55	17.0	183.1	17:45'	47:30'	65:45'	40.9	2:10'	0.31	6.0	1.2	6:55'	10.1	0.02	0.5	0.1
Agsto	134.5	17	21	21	42	35.6	98.9	12:40'	22:25'	35:05'	34.8	4:55'	0.11	3.5	0.7	4:55'	34.6	0.11	3.5	0.7
Spbre	172.2	21	22	14	36	43.1	129.1	16:30'	27:35'	44:05'	58.9	2:30'	0.39	8.0	1.6	5:30'	8.6	0.02	1.7	0.3
Ocbre	281.1	25	27	19	46	88.2	212.9	34:05	46:00'	80:05'	44.9	3:40'	0.20	10.6	2.1	6:10'	20.0	0.05	2.7	0.5
Nvbre	267.0	22	32	32	64	127.3	139.7	41:35'	48:10'	89:45'	27.5	5:55'	0.07	2.0	0.4	7:10'	12.7	0.02	0.5	0.1
Dcbre	136.1	14	17	9	26	61.5	74.5	14:10'	14:30'	28:40'	47.1	2:55'	0.26	9.0	1.6	6:05'	13.0	0.03	3.1	0.6
TOTALES	2662.5	261	329	252	581	851.7	1810.8	302:00'	453:30'	755:30'	521.1	53:20'	XX	XX	XX	81:50'	293.6	XX	XX	XX

PRECIPITACION DIARIA — BRILLO SOLAR DIARIO

Año: 1.9 6 3

ESTACION Armenia (El Sena) - Caldas — ALTURA 1.500 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	—	32.0	--	6.0	21.5	--	--	--	--	0.6	37.7	0.3
2	—	--	--	35.4	1.1	8.6	0.6	0.6	0.1	3.7	0.2	3.1
3	—	50.7	--	2.3	--	--	--	--	--	--	14.4	26.9
4	—	9.2	--	1.0	41.4	--	--	--	--	--	58.1	5.6
5	0.1	4.3	12.3	24.3	10.8	0.3	--	1.8	0.1	--	40.3	--
6	14.7	--	0.7	31.7	7.3	--	0.6	--	--	--	39.3	--
7	—	0.8	--	1.9	2.4	--	0.4	4.2	--	--	27.6	--
8	—	2.2	1.8	0.5	40.4	0.2	0.5	--	--	0.7	0.2	--
9	—	15.3	1.5	5.2	18.7	4.8	2.5	--	--	--	18.8	0.1
10	—	2.3	24.8	0.1	17.9	32.3	10.3	--	--	--	58.5	--
11	0.1	29.5	2.9	9.5	--	43.6	1.0	--	5.9	9.5	25.1	--
12	2.1	--	5.8	41.2	1.7	7.1	--	--	1.5	14.7	0.1	4.5
13	0.6	6.7	9.3	32.5	13.9	4.1	--	--	--	4.8	31.8	13.8
14	5.3	2.0	4.8	1.6	10.0	12.9	25.7	6.6	0.1	22.0	1.7	0.4
15	8.3	--	3.8	0.5	--	4.9	9.2	0.5	0.8	--	0.3	--
16	25.5	--	41.8	--	--	35.9	9.0	--	0.1	2.3	--	40.0
17	4.1	45.0	0.1	--	16.7	--	--	--	--	8.5	10.5	0.1
18	--	24.5	30.8	--	0.1	--	--	0.5	8.4	0.6	--	--
19	--	16.6	--	68.8	2.8	--	--	0.8	5.9	0.2	22.5	0.1
20	--	0.4	--	14.6	--	--	1.5	1.7	--	--	--	--
21	8.5	29.6	--	0.6	--	--	6.7	0.1	46.7	--	14.3	--
22	--	21.0	3.2	0.1	--	--	3.5	0.7	0.3	0.2	4.6	--
23	--	3.5	0.2	--	--	--	--	2.2	1.2	24.0	4.3	--
24	23.4	1.6	--	11.4	--	--	--	2.1	11.5	--	25.8	14.0
25	2.2	--	18.3	0.1	--	--	--	0.1	11.1	4.5	--	3.7
26	17.9	3.8	12.0	--	--	--	--	--	0.9	--	0.7	--
27	64.5	--	15.7	0.4	--	--	--	0.2	--	18.3	13.7	--
28	6.1	3.3	5.8	9.6	--	--	--	--	0.5	30.2	1.2	--
29	0.4		0.1	11.4	--	--	3.6	--	5.3	5.9	2.6	29.5
30	--		49.5	4.9	--	--	0.7	--	15.1	23.0	1.1	4.0
31	0.2		1.2		--		1.9	--		39.2		1.0
Suma Mensual	161.1	304.3	246.4	315.6	206.7	154.7	77.7	22.1	115.5	212.9	455.4	147.1
Dias Lluviosos	(11)	21	22	25	15	11	16	14	18	19	26	16

Total de días lluviosos : (214) — TOTAL DEL AÑO (2.419.5) m.m.

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
—	4.1	6.8	3.1	6.1	4.6	4.4	1.6	4.2	4.9	3.4	6.6
—	4.8	6.0	2.5	0.9	4.4	2.7	1.4	8.8	7.9	4.1	5.3
—	3.4	4.6	4.3	8.9	2.7	9.8	8.1	9.2	7.6	4.8	4.5
—	0.2	4.0	0.4	4.5	3.0	5.2	7.5	7.6	7.8	1.8	3.6
0.1	3.4	4.0	7.2	2.9	3.4	4.5	2.3	8.4	8.1	2.7	5.9
14.7	4.0	2.4	5.2	1.4	7.2	3.7	5.0	3.8	5.6	2.9	9.4
—	4.1	6.1	2.2	4.2	8.2	4.2	7.1	3.7	0.3	4.0	6.1
—	3.1	7.0	7.2	1.9	8.0	4.6	3.9	1.7	4.2	3.6	5.1
—	3.7	2.4	2.5	5.2	--	6.2	5.3	6.5	2.6	3.8	5.1
—	2.9	1.6	6.4	5.0	1.4	2.7	6.8	2.2	5.5	3.3	7.7
0.1	2.5	6.0	3.2	5.3	--	1.4	8.1	4.4	5.1	5.8	5.4
	1.5	1.2	2.7	4.6	1.6	4.2	7.5	3.5	5.1	4.5	3.7
	8.3	2.3	3.6	1.7	1.4	9.4	5.4	5.7	0.8	2.6	3.0
	8.1	4.7	2.0	2.9	4.6	5.4	6.6	7.1	7.7	0.3	8.9
	8.8	6.2	3.0	7.7	3.8	5.8	7.2	5.7	0.6	0.5	6.6
5.8	6.2	6.5	2.5	7.4	4.6	3.6	5.7	9.1	4.4	7.1	8.8
5.0	4.0	5.1	3.9	2.1	5.5	5.2	5.6	1.9	0.8	7.9	1.8
7.7	0.5	5.2	0.5	4.7	9.7	8.2	3.2	0.4	4.7	5.5	5.6
4.4	0.3	5.7	5.3	3.3	9.6	1.6	2.8	2.1	8.1	4.5	5.9
8.7	0.9	8.1	3.4	5.7	6.7	8.4	4.5	4.4	8.0	5.5	7.3
6.3	4.1	7.8	4.4	6.6	10.2	6.5	5.8	6.1	7.1	0.4	6.4
7.9	2.3	3.9	4.2	6.6	9.8	4.1	6.4	2.9	3.5	1.4	4.7
6.6	1.7	6.2	1.9	6.7	7.0	8.0	5.4	5.9	2.4	--	6.6
7.8	3.8	--	1.4	--	3.6	10.1	5.6	5.2	4.8	4.6	4.8
4.8	4.9	2.1	3.4	1.3	5.7	9.9	7.5	2.4	4.6	3.1	5.7
3.1	4.3	4.9	7.7	6.7	7.2	8.9	7.8	3.9	4.1	4.3	5.2
2.5	4.7	5.6	2.2	6.0	3.6	10.3	4.8	9.8	6.6	4.9	6.6
7.1	6.2	3.0	5.6	3.5	3.5	8.8	8.7	6.8	5.1	5.4	6.9
6.2		5.5	1.1	8.2	6.7	3.6	9.5	4.7	3.5	4.8	6.2
7.1		4.6	2.4	5.4	4.3	5.3	10.0	6.1	5.8	5.6	1.0
5.1		0.4		4.9		4.6	5.6		2.3		4.8
(96.7)	106.8	139.9	105.4	142.3	152.0	181.3	182.7	154.2	146.6	113.1	175.2

TOTAL DEL AÑO (1.696.2)

ESTACION : EL SENA FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m. AÑO 1.963

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	(2	2	1	1	1	3	3	3	3	2	—	—	—	—	1	—	4	5	3	5	4	1	—	1	10)
Febro	4	8	7	9	9	6	5	3	2	3	2	2	4	6	8	7	5	10	10	6	7	4	4	5	25
Marzo	3	2	4	3	3	4	3	1	1	4	3	2	1	1	7	7	9	5	6	4	5	2	—	2	21
Abril	9	8	6	7	8	8	6	8	4	1	—	3	3	5	6	10	10	7	5	6	1	6	6	6	25
Mayo	5	5	4	4	4	4	4	2	1	1	1	1	1	2	6	5	6	1	—	—	3	4	5	5	17
Junio	2	4	5	4	6	7	3	2	3	2	2	3	—	3	3	3	4	3	3	3	2	2	3	2	11
Julio	4	6	6	5	4	4	2	1	—	1	—	2	1	1	3	6	4	4	6	3	1	3	3	5	17
Agsto	2	3	—	1	—	2	2	2	2	2	—	1	1	3	4	3	—	1	—	—	1	2	2	1	14
Spbre	4	1	2	3	2	3	3	1	1	2	1	1	2	2	4	6	3	3	2	4	3	4	2	2	19
Ocbre	2	3	2	3	5	4	5	3	1	1	1	1	1	4	8	3	3	7	5	4	3	3	4	3	22
Nvbre	7	7	5	6	4	3	6	4	4	—	1	2	7	10	13	12	7	6	8	7	6	10	6	10	27
Dcbre	4	3	2	3	4	3	3	3	2	3	1	1	1	3	2	3	3	1	1	3	1	2	3	3	17
SUMA ANUAL	(48	52	44	49	49	51	45	33	24	22	12	19	22	40	67	61	58	53	49	45	30	43	40	48	225)

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	(—	—	3	3	4	4	7	5	3	6	4	—	11	11	4	3	2	—	2	1	2	—	2	6)
Febro	—	—	—	4	2	3	6	7	3	4	3	—	25	23	12	6	12	10	7	3	6	8	7	18
Marzo	—	—	4	4	2	2	6	7	7	3	1	—	25	13	6	6	9	9	7	4	3	6	16	24
Abril	—	—	6	3	5	7	6	5	1	—	1	—	29	16	11	10	7	8	8	7	12	5	20	24
Mayo	—	2	7	2	6	5	4	11	5	3	2	—	24	14	9	8	7	7	4	6	9	10	17	23
Junio	—	3	5	8	8	7	6	4	6	6	3	—	19	10	8	7	4	5	7	5	8	7	10	18
Julio	—	6	9	8	8	11	11	4	5	7	4	—	20	12	9	2	1	2	4	2	2	5	12	20
Agsto	—	1	9	8	9	8	10	7	9	9	3	—	27	10	5	4	2	2	4	4	3	7	7	16
Spbre	—	1	5	6	10	10	11	6	4	3	2	—	29	10	3	5	3	5	5	4	3	9	12	21
Ocbre	—	—	—	11	6	12	6	8	5	4	3	—	35	22	7	4	5	3	3	4	8	15	17	26
Nvbre	—	—	3	11	4	7	7	5	3	2	—	—	28	24	7	8	7	3	5	8	12	17	20	26
Dcbre	—	—	18	9	8	7	8	6	10	5	5	—	20	9	6	3	4	5	4	4	4	3	11	15
SUMA ANUAL	(—	13	59	77	71	63	88	75	61	52	31	—	262	174	87	66	63	59	60	57	72	102	151	237)

ESTACION: EL SENA (ARMENIA) AÑO: 1963

SUMAS HORARIAS DE BRILLO SOLAR

MESES	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	SUMA Mañana	SUMA Tarde	SUMA Mensual
Enero	(0.6	1.3	7.7	9.0	9.4	11.4	12.2	11.7	8.9	11.5	9.0	4.0	39.4	57.3	96.7
Febrero	0.6	0.7	5.7	12.0	8.6	9.8	14.8	12.4	13.3	13.9	11.5	3.5	37.4	69.4	106.8
Marzo	1.1	8.1	15.6	15.8	12.9	12.1	15.3	17.7	17.9	12.3	8.1	3.0	65.6	74.3	139.9
Abril	0.1	6.2	12.3	10.8	14.2	15.8	14.0	12.7	7.0	5.5	4.9	1.9	59.4	46.0	105.4
Mayo	1.7	8.0	15.7	15.1	15.0	15.1	17.7	17.7	13.6	11.6	7.7	3.4	70.6	71.7	142.3
Junio	2.1	10.1	14.7	16.7	16.1	16.1	15.7	15.8	14.6	13.7	13.0	3.4	75.8	76.2	152.0
Julio	3.1	12.0	17.0	19.7	20.2	20.7	21.4	19.2	15.7	15.7	10.8	5.8	92.7	88.6	181.3
Agosto	1.0	8.8	18.7	19.2	18.3	20.8	21.3	18.5	20.1	15.4	14.9	5.7	86.8	95.9	182.7
Septiembre	0.3	8.5	18.0	17.6	20.3	17.9	17.1	16.6	14.0	10.4	9.2	4.3	82.6	71.6	154.2
Octubre	0.8	1.8	10.0	19.8	19.4	21.3	20.1	17.4	14.3	11.2	9.2	1.3	73.1	73.5	146.6
Noviembre	0.3	1.2	12.5	16.6	14.9	17.4	15.5	14.3	9.2	7.8	2.7	0.7	62.9	50.2	113.1
Diciembre	1.5	6.3	10.3	19.8	17.3	19.0	19.6	18.7	18.6	17.5	13.3	5.3	82.2	93.0	175.2
SUMA ANUAL	(13.2	73.0	166.2	192.1	186.6	197.4	204.7	192.7	167.2	146.5	114.3	42.3	828.5	867.7	1.696.2

PRECIPITACION

7	14	20	Suma	Días Lluv.	Máx.	D.
68.8	25.4	66.9	161.1	11	64.5	27)
115.3	41.0	148.0	304.3	21	50.7	3
91.4	14.3	140.1	246.4	22	49.5	30
133.7	31.8	150.0	315.6	25	68.8	19
127.2	25.2	55.0	206.7	15	41.4	4
100.7	10.0	44.0	154.7	11	43.6	11
54.3	1.4	20.9	77.7	16	25.7	14
12.3	4.2	6.7	22.1	14	6.6	14
46.9	18.1	50.5	115.5	18	46.7	21
112.4	15.4	79.5	212.9	19	39.2	31
222.4	106.9	132.0	456.4	26	58.5	10
115.3	23.4	8.1	147.1	16	40.0	16
100.0	26.4	75.1	201.6	214	44.6	—)

SUMAS HORARIAS DE LA PRECIPITACION

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17 18	18 19	19 20	20 21	21 22	22 23	23-24	Total
Enero	2.3	16.5	5.2	0.2	5.4	20.6	8.5	14.2	8.6	2.6	--	--	—	--	0.3	—	22.4	22.4	15.0	5.0	8.7	0.6	--	0.8	161.1
Febrero	2.2	11.1	17.1	33.1	10.9	11.8	10.9	4.8	11.1	3.4	1.6	1.9	5.4	12.8	13.2	32.1	4.0	70.1	14.0	14.6	5.0	1.6	5.8	5.8	304.3
Marzo	5.0	0.2	13.9	19.4	34.6	8.3	2.2	0.1	0.1	11.7	0.6	0.2	0.2	1.4	21.1	69.3	15.7	13.9	3.8	16.3	7.3	0.8	—	0.3	246.4
Abril	16.0	26.5	12.9	16.2	4.1	3.3	8.3	3.4	1.9	0.5	—	0.3	2.3	23.4	57.0	32.4	42.1	8.2	5.6	4.7	0.1	3.6	23.8	21.0	315.6
Mayo	18.2	9.8	6.3	3.7	8.5	11.2	0.6	1.5	0.1	2.0	0.8	0.2	14.0	6.6	46.0	7.3	1.6	0.1	—	--	2.9	22.3	19.6	23.4	206.7
Junio	6.6	7.9	18.3	6.9	4.4	19.9	12.8	2.6	2.5	0.9	2.2	1.4	—	0.4	0.9	3.5	32.7	3.8	1.9	1.2	0.6	2.6	14.9	5.8	154.7
Julio	1.8	5.1	32.3	4.6	2.0	1.4	0.3	0.2	—	0.1	—	0.9	0.1	0.1	1.5	5.0	1.4	5.9	3.4	3.7	2.6	0.3	1.3	2.8	76.8
Agosto	0.7	2.5	—	0.7	—	1.9	1.3	1.8	0.5	0.2	—	0.1	1.1	0.5	3.1	3.2	—	0.4	—	—	1.3	2.2	1.4	0.1	23.0
Septiembre	1.3	0.4	6.1	2.2	2.5	10.0	5.5	1.2	0.2	0.2	0.6	14.5	1.2	0.2	31.6	9.0	0.4	7.6	1.4	0.5	11.3	5.5	0.3	0.8	115.5
Octubre	2.6	7.8	2.7	4.3	14.7	50.2	7.0	4.4	0.1	0.1	0.3	0.2	0.6	9.7	11.5	8.1	0.5	10.4	12.1	36.9	10.0	14.2	2.7	1.8	212.9
Noviembre	29.0	27.5	25.4	18.0	6.2	2.8	2.4	2.3	0.5	—	0.2	10.1	20.7	73.1	49.6	31.0	7.2	8.1	24.1	12.0	15.2	18.3	48.4	23.3	455.4
Diciembre	21.8	29.0	6.9	10.6	20.2	4.9	1.8	1.1	0.9	1.2	5.0	0.1	0.1	15.0	3.2	3.3	0.6	0.1	0.3	0.6	0.9	1.2	5.9	12.1	146.8
SUMA ANUAL	107.5	142.3	147.1	119.9	113.5	146.3	61.6	37.6	26.5	22.9	11.3	29.9	45.7	143.2	239.0	204.2	128.6	152.8	81.6	95.5	65.9	74.2	124.1	98.0	2.419.2

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: EL SENA DE LA PRECIPITACION AÑO: 1.963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h:min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	161.1	21	13	7	20	78.2	82.9	15:45'	17:20'	33:05'	36.2	4:20'	0.13	5.1	1.0	4:35'	28.0	0.10	7.0	1.4
Febro	304.3	22	35	21	56	188.7	115.6	55:35'	41:55'	97.30'	30.8	5:20'	0.09	3.0	0.6	13:05'	27.6	0.03	2.0	0.4
Marzo	246.4	25	32	17	49	160.6	85.8	30:20'	16:50'	47:10'	41.8	5:35'	0.12	6.5	1.3	5:35'	41.8	0.12	6.5	1.3
Abril	315.6	25	36	29	65	178.9	136.7	34:20'	54:50'	89:10'	66.7	8:10'	0.14	7.5	1.5	8:10'	66.7	0.14	7.5	1.5
Mayo	206.7	15	16	17	33	117.8	88.9	19:20'	31:50'	51:10'	38.7	5:05'	0.12	10.0	2.0	6:35'	20.0	0.05	2.0	0.4
Junio	154.7	11	18	15	33	49.3	105.4	19:15'	32:55'	52:10'	33.4	6:40'	0.08	3.0	0.6	9:30'	32.4	0.05	1.0	0.2
Julio	77.7	16	23	17	40	24.8	52.9	16:05'	35:15'	51:20'	25.6	2:10'	0.19	3.0	0.6	5:00'	4.8	0.01	1.0	0.2
Agsto	22.1	14	17	7	24	10.9	11.2	7:50'	10:50'	18:40'	4.0	2:30'	0.02	0.4	0.1	2:30'	4.0	0.02	0.4	0.1
Spbre	115.5	18	24	14	38	82.5	33.0	15:25'	16:45'	32:10'	33.1	1:45'	0.31	7.5	1.5	3:55'	13.5	0.05	1.0	0.2
Ocbre	212.9	19	28	14	42	97.2	115.7	25:50'	26:40'	52:30'	37.1	4:50'	0.12	4.5	0.9	4:50'	37.1	0.12	4.5	0.9
Nvbre	455.4	26	40	25	65	303.9	151.5	63:00'	41:45'	104:45'	44.7	5:30'	0.13	5.0	1.0	8:45'	44.1	0.08	4.0	0.8
Dcbre	147.1	16	19	11	30	29.4	117.7	11:30'	30:15'	41:45'	39.7	5:35'	0.11	7.0	1.4	12:10'	30.7	0.04	1.5	0.3
TOTALES	2.419.5	228	301	194	40.5	1322.2	1097.3	314:15'	357:10'	671:25'	233.8	57:30'	XX	XX	XX	84:40'	352.7	XX	XX	XX

PRECIPITACION DIARIA — BRILLO SOLAR DIARIO

Año: 1.9 6 3

ESTACION Calarcá (La Bella) - Caldas — ALTURA 1.450 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	28.8	--	6.4	25.3	1.0	--	38.7	--	0.6	2.6	--	4.3	0.4	4.7	1.0	3.8	2.0	2.5	0.7	1.0	1.6	--	4.8
2	--	0.1	--	4.8	0.4	6.1	--	0.6	--	2.2	18.4	0.1	1.1	3.5	3.4	--	--	2.1	1.3	1.3	2.6	4.5	--	6.7
3	--	50.7	--	8.5	--	1.1	--	--	--	--	0.1	30.3	3.7	4.6	3.1	1.5	5.9	1.0	5.8	2.5	5.5	5.7	--	3.7
4	--	30.7	--	0.4	8.2	0.1	--	--	--	--	32.8	1.0	6.3	0.2	1.1	--	3.1	1.3	0.9	5.3	0.6	5.2	2.7	5.2
5	0.1	0.7	--	48.5	30.7	0.4	9.4	0.3	--	--	33.5	0.1	0.2	1.2	2.2	5.2	2.1	2.2	2.5	--	1.7	5.6	0.7	6.5
6	14.7	--	--	1.9	13.6	--	1.8	--	--	0.1	17.0	0.1	4.6	4.1	2.4	4.1	1.1	6.2	1.4	3.4	--	0.8	1.6	8.6
7	--	12.4	--	10.2	1.3	--	8.7	0.8	0.2	--	25.2	1.1	2.2	4.7	3.6	1.6	0.6	5.9	1.2	4.2	--	--	2.6	6.7
8	--	0.4	0.8	--	21.2	--	--	0.1	--	1.2	1.1	--	3.6	1.9	2.9	5.4	0.6	2.9	--	0.3	0.5	1.6	4.1	3.5
9	--	--	3.0	4.3	10.4	11.0	1.0	--	1.1	--	1.7	--	2.9	2.9	1.4	1.7	3.4	1.6	0.7	1.4	1.1	0.8	5.8	4.2
10	--	0.8	35.6	14.6	14.5	17.2	13.7	--	0.2	--	53.4	--	3.3	1.3	0.8	5.0	3.6	0.1	1.0	2.1	0.9	3.9	--	8.5
11	0.1	18.0	2.2	14.5	0.1	46.5	0.8	--	2.5	12.2	8.0	0.1	1.4	2.2	3.1	2.5	1.5	--	--	4.3	0.6	6.3	--	4.4
12	2.1	--	13.5	6.4	1.8	14.4	0.1	--	2.5	50.0	0.1	10.6	3.6	0.5	0.8	0.7	2.5	0.1	2.6	2.5	1.0	2.8	3.9	4.9
13	0.6	0.9	2.3	1.2	1.6	2.4	--	--	--	2.6	38.8	10.8	3.4	7.3	1.0	1.1	0.6	--	2.8	4.6	--	--	4.1	2.0
14	5.3	0.1	5.3	2.1	33.8	0.9	1.8	3.4	--	3.2	0.8	0.1	4.1	7.4	2.8	0.2	0.8	2.3	1.7	4.1	1.2	4.0	--	6.8
15	7.4	--	0.1	0.2	0.1	3.6	4.0	0.5	0.5	--	0.1	--	5.6	6.3	2.0	0.6	1.6	1.2	0.4	2.9	--	--	--	6.5
16	22.5	--	6.4	--	0.6	9.7	6.7	--	--	0.3	--	41.1	4.9	4.2	2.0	--	4.7	2.8	2.5	1.0	5.2	2.2	8.6	8.8
17	0.5	31.3	1.7	3.4	1.6	0.8	0.1	--	--	--	--	0.1	4.9	1.9	0.6	1.5	2.8	0.8	2.9	4.0	0.7	--	8.9	2.1
18	3.3	29.9	4.7	0.1	0.2	--	--	--	1 4	--	0.1	--	5.7	0.4	0.8	--	3.6	7.3	6.3	1.4	--	5.1	--	8.2
19	--	16.6	0.5	49.4	9.1	--	5.3	5.6	22.6	--	16.1	0.1	4.7	--	2.6	3.3	1.1	6.0	0.7	3.4	--	6.0	5.9	5.9
20	--	1.1	--	6.2	--	--	3.5	3.9	1.2	--	--	--	4.2	0.3	4.1	3.8	3.5	5.4	2.7	--	0.1	0.5	2.6	7.9
21	--	25.6	--	1.8	--	--	5.5	--	--	--	49.0	0.1	3.8	3.5	3.7	--	1.2	5.6	2.7	1.1	3.5	7.0	1.6	7.5
22	--	20.9	--	--	--	--	5.6	--	0.3	--	10.8	0.1	7.1	0.5	0.8	5.2	7.6	6.2	3.2	1.8	0.9	2.9	3.5	4.6
23	--	--	2.9	--	--	0.1	--	--	--	9.1	9.3	--	5.5	0.3	0.2	0.2	2.1	2.1	0.9	1.1	--	0.5	0.9	7.8
24	18.7	0.4	0.6	16.8	--	--	--	0.2	10.0	0.1	35.0	9.2	5.7	2.2	--	--	--	--	7.8	2.7	1.4	2.2	--	6.0
25	0.6	1.0	2.1	0.1	1.5	--	--	--	3.1	5.3	--	0.6	4.7	3.1	1.2	0.9	--	1.3	2.8	2.9	0.7	1.8	4.7	--
26	6.6	6.0	0.5	--	--	--	0.1	--	--	--	11.5	0.1	2.9	4.8	1.5	3.9	2.4	--	5.8	3.1	--	3.8	3.4	4.2
27	44.3	0.2	1.6	1.3	0.3	0.1	--	--	--	0.3	0.2	0.7	2.1	2.4	3.7	--	3.3	--	0.3	1.8	5.2	--	4.3	8.1
28	--	--	13.8	9.7	0.2	--	--	--	6.3	41.4	7.1	--	3.6	3.9	0.1	1.2	2.3	0.3	1.1	6.3	1.7	1.6	6.9	8.8
29	--		--	8.5	--	0.1	2.5	--	0.7	23.3	0.8	51.0	3.1		2.5	--	5.2	0.7	1.8	6.5	--	5.3	6.7	4.1
30	--		20.0	--	7.0	0.1	--	0.2	17.6	22.6	0.1	22.6	3.3		2.5	1.5	4.5	0.7	3.3	6.1	4.1	1.2	6.1	8.8
31	00.1		1.0		--		2.8	--		13.8		0.1	2.9		--		2.4		1.9	--		0.4		2.8
Suma Mensual	126.9	276.6	118.6	221.3	183.5	115.6	173.4	54.3	70.2	188.3	373.6	180.1	119.4	76.0	61.6	52.1	77.9	68.1	71.5	82.8	40.2	83.3	89.6	178.6
Dias Lluviosos	15	21	20	24	22	18	18	11	15	17	26	22												

Total de días lluviosos: 229 — TOTAL DEL AÑO 1.982.4 m.m.

TOTAL DEL AÑO 1.001.1

ESTACION : LA BELLA

FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

AÑO 1.963

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	2	3	3	3	4	3	3	3	3	3	1	--	1	2	1	--	2	3	3	4	6	5	1	2	14
Febro	4	6	6	9	7	7	6	4	3	2	1	3	3	3	3	4	6	12	10	10	5	6	3	4	23
Marzo	--	2	3	8	5	5	2	1	--	3	2	--	--	2	--	2	4	7	9	6	7	4	1	1	20
Abril	8	9	8	7	10	8	9	6	5	4	3	2	2	3	3	5	6	9	9	8	3	5	7	9	26
Mayo	7	7	7	4	9	8	7	3	--	2	1	2	3	3	5	6	5	5	3	2	3	5	6	5	21
Junio	3	3	5	6	6	7	4	1	1	3	5	3	--	1	2	3	3	5	5	2	2	4	4	3	17
Julio	5	4	6	7	8	6	5	4	1	1	--	1	1	2	3	5	6	4	5	1	3	3	5	5	18
Agsto	3	2	2	2	4	3	3	3	1	3	1	--	1	2	--	1	2	1	1	3	3	3	2	2	11
Spbre	2	4	3	2	4	3	6	2	1	2	--	--	1	--	1	1	2	2	3	2	2	3	4	3	14
Ocbre	3	4	5	6	9	7	7	5	4	2	2	1	1	3	2	3	3	3	6	5	3	5	2	4	19
Nvbre	11	10	11	9	8	12	8	4	3	5	3	2	6	7	9	11	12	9	8	8	7	9	12	10	27
Dcbre	3	3	5	5	5	6	6	1	1	4	4	2	1	4	3	2	1	6	5	3	4	3	3	2	22
SUMA ANUAL	51	57	66	68	77	75	66	37	23	34	23	16	20	32	32	43	54	66	67	54	48	55	50	51	232

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	--	--	--	2	1	2	8	14	8	4	--	--	31	26	22	9	7	3	2	3	2	4	23	31
Febro	--	--	--	1	1	4	3	6	8	1	--	--	27	25	20	13	13	11	8	8	7	9	26	27
Marzo	--	--	1	--	--	--	--	2	4	--	--	--	31	22	15	18	26	19	12	7	4	16	30	31
Abril	--	1	2	1	1	1	2	3	--	--	--	--	29	26	20	18	16	16	19	15	17	22	27	30
Mayo	--	1	3	--	1	2	2	1	2	1	--	--	31	24	14	15	8	10	12	11	12	18	25	30
Junio	--	--	--	--	--	7	5	5	5	2	1	--	30	29	24	17	12	10	11	10	13	16	20	27
Julio	--	--	--	1	1	1	--	2	3	3	3	--	29	31	30	29	20	12	6	5	6	12	18	27
Agsto	--	--	--	--	1	2	4	7	6	5	2	--	31	31	31	27	18	13	8	6	7	10	14	27
Spbre	--	--	--	--	1	1	1	4	3	2	--	--	30	30	29	28	23	22	18	11	13	22	26	30
Ocbre	--	--	3	--	2	3	3	5	1	1	--	--	31	25	19	13	10	12	11	10	13	22	27	31
Nvbre	--	3	4	3	3	2	6	7	5	2	--	--	25	20	16	14	13	15	13	12	14	16	23	28
Dcbre	--	3	3	4	1	6	9	9	12	8	9	--	25	8	4	2	5	4	4	4	2	3	10	17
SUMA ANUAL	--	8	16	12	13	32	43	65	57	20	15	--	350	297	246	203	171	147	124	102	110	170	169	336

ESTACION: LA BELLA

AÑO: 1.903

SUMAS HORARIAS DE BRILLO SOLAR

MESES	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	SUMA Mañana	SUMA Tarde	SUMA Mensual
Enero	—	0.8	3.7	6.8	11.1	15.0	20.4	22.1	20.7	15.6	1.2	—	39.4	80.0	119.4
Febrero	0.2	0.4	3.1	5.7	5.9	10.4	11.0	12.5	15.4	10.8	0.4	0.2	25.7	50.3	76.0
Marzo	—	2.4	6.7	5.8	1.8	3.2	0.8	12.9	15.5	4.4	0.1	—	21.9	39.7	61.6
Abril	0.2	2.2	6.9	6.6	6.7	8.5	8.1	7.5	5.0	1.8	0.6	—	31.1	21.0	52.1
Mayo	—	2.8	6.7	6.3	10.1	9.7	9.1	10.2	10.1	4.9	2.9	0.1	40.6	37.3	77.9
Junio	—	0.1	1.1	4.3	8.3	10.3	9.6	11.6	10.3	7.1	4.9	0.5	24.1	44.0	68.1
Julio	0.4	—	0.2	1.3	3.7	9.4	10.5	15.2	13.8	6.8	7.3	0.9	15.0	56.5	71.5
Agosto	—	—	—	1.6	5.0	9.4	14.0	15.9	15.1	12.9	7.8	1.1	15.0	66.8	82.8
Septiembre	—	—	0.1	0.8	3.0	3.7	6.1	9.8	8.9	5.3	2.5	—	7.6	32.6	40.2
Octubre	—	3.6	6.3	10.6	12.7	10.2	12.2	12.5	9.4	4.3	1.5	—	43.4	39.9	83.3
Noviembre	0.8	6.8	9.4	10.1	9.6	7.6	11.4	12.5	11.8	6.5	2.6	0.3	44.3	45.3	89.6
Diciembre	0.7	11.5	17.4	15.1	14.5	19.0	20.2	19.2	20.8	20.3	15.6	4.3	78.2	100.4	178.6
SUMA ANUAL	2.3	30.6	66.6	79.0	92.4	116.4	137.4	161.9	156.8	102.7	47.6	7.4	387.3	613.6	1.001.1

PRECIPITACION

7	14	20	Suma	Días Lluv.	Máx.	D.
60.6	5.2	61.1	126.9	15	44.3	27
110.8	44.2	121.6	276.6	21	50.7	3
53.4	1.6	62.7	118.6	20	35.6	10
149.8	12.0	60.4	221.3	24	49.4	19
127.2	11.6	44.7	183.5	22	33.8	14
86.2	6.4	23.0	115.6	18	40.6	11
38.9	3.1	28.6	73.4	18	13.7	10
38.0	4.0	15.1	54.3	11	38.7	1
38.5	3.4	10.7	70.2	15	50.0	12
144.3	0.2	50.0	188.3	17	50.0	10
207.8	53.6	117.6	373.6	26	53.4	10
148.3	13.9	17.9	190.1	22	51.0	29
100.3	13.8	51.1	165.2	229	40.8	—

SUMAS HORARIAS DE LA PRECIPITACION

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17 18	18 19	19 20	20 21	21 22	22 23	23-24	Total
Enero	4.6	15.4	3.7	0.8	7.9	2.6	3.4	2.9	1.2	0.3	0.1	—	0.1	0.6	0.1	—	2.2	32.8	22.2	3.8	11.5	9.9	0.1	0.7	126.9
Febrero	19.2	7.7	15.1	9.7	17.8	15.8	14.4	16.7	5.7	2.9	0.7	5.3	9.3	1.6	4.8	3.3	29.0	26.4	49.5	8.0	5.0	2.0	1.9	2.2	276.6
Marzo	—	0.5	3.2	8.4	20.4	3.3	1.1	0.5	—	0.6	0.2	—	—	0.3	—	22.7	9.4	5.2	7.6	17.8	15.3	1.9	0.1	0.1	118.6
Abril	27.4	33.0	18.7	13.5	14.8	10.1	6.9	3.0	2.7	0.4	2.9	0.3	1.2	1.5	3.0	3.4	30.1	14.1	7.6	2.2	0.7	5.2	6.6	12.0	221.3
Mayo	25.6	10.8	10.4	10.0	12.1	2.9	1.2	0.4	—	0.2	0.1	9.0	0.4	1.5	11.3	9.7	18.6	3.4	1.4	0.3	9.2	12.1	14.4	17.5	183.5
Junio	10.5	7.9	19.7	9.4	8.0	4.9	4.7	1.1	0.6	0.5	3.5	0.5	—	0.2	0.3	0.8	6.8	8.0	8.0	1.1	1.1	1.3	7.5	11.2	115.6
Julio	2.2	3.3	4.0	3.9	5.5	0.9	1.6	0.6	0.1	0.1	—	1.8	0.1	0.4	4.2	6.4	5.2	8.0	4.2	0.6	1.3	3.0	2.8	13.1	73.3
Agosto	1.7	4.3	1.0	0.6	3.6	2.4	1.0	2.6	0.1	0.3	0.1	—	0.1	0.8	—	1.9	0.2	0.1	1.7	11.2	13.2	4.1	1.5	1.7	54.4
Septiembre	0.5	6.3	0.9	0.9	0.4	0.4	3.0	2.1	0.3	0.5	—	—	0.5	—	1.2	0.1	2.0	0.2	2.4	4.8	16.8	4.8	1.2	1.3	52.6
Octubre	1.1	20.2	8.5	16.7	33.0	36.4	34.2	2.7	0.4	0.2	0.3	0.1	2.0	0.5	0.8	8.6	17.6	6.0	11.9	5.1	1.2	2.3	1.4	3.9	205.1
Noviembre	20.3	30.1	21.4	10.2	4.0	10.2	4.9	2.0	0.8	0.7	0.3	2.5	2.0	45.3	29.7	32.1	17.1	19.0	4.8	14.9	16.7	25.5	26.1	31.8	374.4
Diciembre	11.0	22.5	24.2	22.0	8.0	8.4	2.2	0.2	0.1	0.8	1.4	1.3	0.1	10.0	9.3	2.2	1.0	0.6	1.4	3.4	11.6	19.3	12.5	6.6	180.1
SUMA ANUAL	125.1	162.0	130.8	106.1	135.7	96.3	80.6	36.8	12.0	7.5	9.6	20.8	15.8	62.7	64.7	91.2	139.2	123.8	120.7	73.8	107.6	91.4	76.1	102.1	1.982.4

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: LA BELLA DE LA PRECIPITACION AÑO 1963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m m	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h. min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	126.9	15	19	19	38	79.0	47.9	14:00'	20:10'	34:10'	43.1	3:15'	0.22	10.5	2.1	3:15'	43.1	0.22	10.5	2.1
Febro	276.6	21	30	26	56	145.5	131.1	42:30'	43:30'	86:00'	35.1	6:20'	0.09	4.5	0.9	6:20'	35.1	0.09	4.5	0.9
Marzo	118.6	20	19	19	38	80.0	38.6	26:25'	16:50'	43:15'	23.9	2:40'	0.14	3.5	0.7	4:25'	6.4	0.02	0.5	0.1
Abril	221.3	24	42	32	74	121.0	100.3	48:05'	51:40'	99:45'	49.3	9:10'	0.08	3.0	0.6	9:10'	49.3	0.08	3.0	0.6
Mayo	183.5	22	27	32	59	75.4	108.1	25:05'	42:15'	67:20'	26.9	2:40'	0.16	5.5	1.1	8:00'	13.2	0.02	1.0	0.2
Junio	115.6	18	21	22	43	29.3	86.3	19:20'	31:50'	51:10'	37.4	8:15'	0.07	1.7	0.3	8:15'	37.4	0.07	1.7	0.3
Julio	73.4	18	23	27	50	32.0	41.4	19:50'	36:25'	56:15'	9.4	1.10'	0.13	3.0	0.6	6:00'	6.8	0.01	0.4	0.1
Agsto	54.3	11	16	12	28	44.0	10.3	17:45'	10:35'	28:20'	36.5	10:20'	0.05	2.0	0.4	10:20'	36.5	0.05	2.0	0.4
Spbre	70.2	15	12	29	41	11.6	58.6	6:00'	22:45'	28:45'	17.6	3:10'	0.09	4.5	0.9	3:10'	17.6	0.09	4.5	0.9
Ocbre	188.3	17	23	22	45	59.2	129.1	24:50'	32:00'	56:50'	24.2	5:00'	0.08	2.5	0.5	6:45'	11.5	0.02	2.5	0.5
Nvbre	373.6	26	56	48	104	192.5	181.1	54:40'	64:05'	118:45'	34.7	6:30'	0.08	4.5	0.9	9:55'	32.2	0.05	2.0	0.4
Dcbre	180.1	22	26	17	43	31.8	148.3	16:30'	32:55'	49:25'	51.2	11:20'	0.07	3.5	0.7	11:20'	51.2	0.07	3.5	0.7
TOTALES	1982.4	229	314	305	619	901.3	1081.1	315:00'	405:00'	720:00'	389.6	69:50'	XX	XX	XX	86:55'	340.3	XX	XX	XX

PRECIPITACION DIARIA

BRILLO SOLAR DIARIO

Año: 1.9 6 3

ESTACION Viotá (Java) - Cundinamarca

ALTURA 1.100 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	11.0	--	18.9	23.3	4.7	5.2	0.3	--	0.5	1.3	--
2	4.3	29.2	--	1.2	6.5	3.1	10.6	20.1	--	25.7	--	0.1
3	0.2	4.8	--	19.5	2.2	0.5	1.5	1.0	--	19.3	6.6	0.8
4	0.3	12.4	--	19.6	13.1	1.8	--	0.1	--	0.2	5.6	1.4
5	--	--	--	46.7	52.4	4.1	--	5.1	--	--	4.5	--
6	--	1.3	--	3.7	1.9	16.0	0.2	0.5	--	0.1	1.8	6.2
7	0.1	1.3	--	33.5	49.4	0.1	0.1	0.7	0.7	--	8.7	--
8	0.4	4.6	--	0.1	0.2	11.3	--	0.7	0.1	13.8	77.2	0.2
9	0.4	13.3	0.7	12.5	16.0	3.0	0.6	4.2	2.7	--	2.0	0.4
10	--	0.4	5.0	0.6	80.9	0.2	2.7	1.9	6.1	--	24.4	--
11	2.6	1.5	1.8	19.4	--	3.5	5.6	--	0.4	0.1	1.5	--
12	--	4.0	3.5	8.1	35.1	--	0.4	0.1	5.3	5.0	52.2	--
13	21.3	5.2	5.5	16.3	5.8	28.8	--	0.3	--	6.6	9.1	25.7
14	12.1	--	--	0.5	3.8	--	--	10.9	5.8	0.4	20.4	4.5
15	3.1	--	--	--	1.1	--	6.7	6.4	4.1	28.6	--	--
16	0.2	--	--	1.5	0.1	8.6	3.7	4.5	0.2	0.8	--	0.1
17	--	5.7	0.4	0.4	33.7	0.1	1.4	--	0.1	0.3	2.5	3.7
18	--	1.3	1.4	3.2	21.0	0.1	1.4	0.3	0.6	4.3	--	--
19	0.1	27.6	--	4.9	6.9	--	1.9	--	1.5	--	--	5.5
20	--	0.4	--	2.8	0.9	0.6	1.0	3.5	1.5	4.4	--	--
21	15.8	0.1	--	7.1	8.9	--	0.6	--	--	--	25.8	--
22	--	13.9	--	--	--	--	5.5	--	--	0.1	9.0	--
23	0.1	7.3	13.1	3.7	--	--	6.6	--	0.7	1.4	5.2	--
24	--	4.1	5.5	10.8	3.8	3.5	--	--	--	53.0	56.9	--
25	0.5	--	17.3	4.9	0.8	0.3	--	--	3.0	36.7	29.1	--
26	1.6	--	12.7	0.2	5.0	--	--	--	3.0	11.5	--	0.2
27	18.4	0.3	0.1	--	11.1	--	0.1	4.1	0.5	0.2	0.2	2.3
28	--	--	--	2.2	0.8	1.5	--	--	--	10.2	--	--
29	--		20.7	1.3	--	1.2	2.9	--	2.4	3.1	--	59.2
30	--		0.5	26.3	0.6	--	0.5	--	0.1	19.3	--	75.4
31	--		8.3		--		1.8	--		8.3		3.0
Suma Mensual	81.5	149.7	96.5	269.9	385.3	93.0	61.0	64.7 ~~69.6~~	38.8	253.9 ~~264.8~~	346.2	186.7
Dias Lluviosos	16	21	15	27	26	20	22	18	19	25	20	16

Total de días lluviosos: 246

TOTAL DEL AÑO 2.029.1 m.m.

	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
	5.4	0.3	6.1	0.6	1.3	5.0	3.4	4.0	5.0	6.0	1.0	5.6
	1.8	4.4	8.4	0.4	2.4	2.9	1.4	2.7	3.4	7.6	4.4	6.3
	3.5	--	5.4	1.4	2.1	6.7	3.9	3.1	6.3	4.0	2.1	2.7
	4.1	--	2.4	0.7	1.4	2.5	4.0	6.6	4.2	5.5	3.9	3.9
	9.0	3.5	6.9	0.9	--	3.7	5.4	0.5	2.6	5.2	1.6	6.6
	6.1	2.4	8.1	1.5	0.2	2.8	3.4	1.0	3.0	4.7	2.1	7.5
	5.6	3.0	4.6	--	2.3	4.1	5.3	5.5	1.2	5.6	2.4	1.4
	4.3	1.3	2.1	3.7	2.5	5.5	2.0	4.1	0.6	3.1	2.1	5.0
	5.0	2.8	0.3	1.8	0.3	0.5	1.0	2.5	5.3	5.4	6.4	4.0
	1.9	1.2	0.3	0.4	2.1	2.5	1.1	3.3	1.1	5.5	2.8	6.5
	0.9	3.6	3.8	0.4	8.9	0.4	2.0	5.8	6.8	5.8	0.3	2.3
	8.1	3.4	1.8	1.1	0.5	1.9	5.9	3.0	1.1	3.6	0.9	5.4
	6.3	5.0	1.0	4.6	2.9	1.5	3.0	7.5	4.9	0.4	--	3.4
	5.1	7.0	2.8	1.0	1.4	1.9	6.6	5.7	2.3	4.7	0.5	7.0
	8.3	7.5	3.3	7.0	1.6	3.3	0.8	0.2	5.4	2.5	--	5.3
	8.5	4.2	1.1	1.4	5.9	7.3	4.1	--	2.4	1.0	0.8	7.4
	8.6	4.8	4.1	3.3	5.5	1.7	1.0	4.3	1.1	4.0	3.9	1.6
	9.2	2.1	6.2	0.3	4.0	4.6	6.7	5.0	1.3	1.5	3.6	3.9
	7.8	--	6.8	8.2	2.0	6.0	1.9	3.9	1.1	1.9	6.6	6.7
	6.7	1.7	8.1	--	2.9	1.4	5.2	1.0	5.7	4.2	3.5	5.3
	7.4	3.4	8.6	0.6	0.9	2.1	2.7	3.4	5.2	7.0	2.7	5.1
	3.6	1.5	1.8	2.8	6.9	9.5	1.7	5.2	4.6	6.0	1.5	5.3
	7.5	5.2	1.9	2.8	9.1	--	2.2	4.5	0.9	6.4	1.0	4.9
	9.6	6.0	2.6	1.2	--	0.9	4.7	4.6	6.0	3.8	1.8	6.7
	2.6	3.2	1.4	4.1	0.8	5.1	6.1	5.7	2.1	4.2	4.7	5.4
	4.4	5.7	4.1	2.8	2.7	5.5	5.0	3.3	1.7	1.4	2.3	5.7
	1.1	3.9	4.7	1.7	3.0	2.9	2.8	4.9	5.9	6.2	4.6	5.2
	1.8	4.7	1.4	2.0	2.5	2.3	5.5	6.1	5.7	1.2	2.8	8.0
	7.0		2.4	1.3	3.2	6.2	3.7	7.0	5.4	1.8	7.3	4.8
	7.5		3.2	1.9	3.0	--	2.5	5.8	5.3	0.9	3.2	1.1
	6.9		0.8		4.4		3.3	4.5		2.2		8.6
	175.7	91.8	118.5	59.9	86.7	100.7	108.2	123.7	107.6	123.3	80.8	158.6

TOTAL DEL AÑO 1.335.5

ESTACION : JAVA (VIOTA) FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m.

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	1	--	--	1	1	1	1	4	1	--	1	--	3	4	2	4	3	5	6	3	4	4	1	1	18
Febro	2	2	2	1	--	--	--	1	2	2	2	7	5	6	10	9	6	6	3	2	4	3	4	3	20
Marzo	--	--	2	2	2	2	2	1	--	1	1	6	6	6	6	3	--	1	--	--	--	1	--	1	15
Abril	4	8	8	6	5	4	2	2	2	4	5	5	7	9	13	14	9	6	4	3	1	1	1	2	26
Mayo	4	8	8	6	8	6	5	7	4	4	6	10	11	8	11	5	6	3	2	4	3	5	8	5	27
Junio	4	3	2	1	2	--	--	--	2	1	2	3	5	5	10	3	3	3	2	3	1	2	1	1	16
Julio	--	1	3	1	2	3	1	--	1	2	3	1	5	6	10	10	10	5	2	1	1	2	1	--	20
Agsto	3	3	2	2	3	2	--	1	2	2	3	3	5	9	6	5	2	2	3	1	--	--	--	1	16
Spbre	1	3	1	1	1	1	3	2	--	2	2	4	4	4	5	3	1	--	1	1	--	--	1	2	17
Ocbre	6	7	7	5	7	3	4	4	5	6	4	8	7	7	5	6	3	3	2	3	--	3	3	5	23
Nvbre	8	8	6	4	4	4	4	3	3	3	2	5	6	6	6	8	5	7	4	3	5	4	5	4	22
Dcbre	2	1	2	2	1	2	--	3	--	1	1	4	2	3	1	3	5	3	2	3	1	2	4	2	15
SUMA ANUAL	35	44	43	32	36	28	21	28	22	28	32	56	68	73	85	73	53	44	31	27	20	27	29	27	237

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	--	--	5	7	5	4	5	4	9	10	13	1	31	4	4	5	5	5	7	5	4	2	5	9
Febro	--	--	5	2	--	--	--	2	3	4	1	--	28	11	4	7	13	14	12	10	11	11	15	19
Marzo	--	--	7	6	2	1	1	3	2	1	7	--	31	12	8	12	11	18	12	9	8	7	11	19
Abril	--	--	3	2	--	--	--	1	1	2	2	--	30	18	12	12	14	20	16	14	16	20	23	26
Mayo	--	--	4	3	2	--	1	2	--	2	4	--	31	18	13	15	22	15	11	18	13	10	12	15
Junio	--	--	4	4	1	1	--	1	1	3	4	--	30	13	7	9	12	11	9	11	12	11	11	17
Julio	--	--	7	4	--	--	--	2	1	1	--	--	31	6	6	7	10	9	13	12	12	16	9	17
Agsto	--	--	9	5	1	1	--	1	2	1	5	--	31	11	8	9	14	11	13	10	7	8	8	16
Spbre	--	--	6	5	4	1	--	--	1	3	4	--	30	12	7	6	8	10	8	7	7	6	11	18
Ocbre	--	--	4	4	3	--	1	3	6	7	2	--	31	15	9	12	11	9	14	7	9	4	5	18
Nvbre	--	--	4	3	1	1	--	--	--	1	5	--	30	20	13	11	15	17	15	17	15	10	12	19
Dcbre	--	--	10	5	2	1	3	5	6	8	10	--	31	10	7	7	4	5	6	4	4	1	6	13
SUMA ANUAL	--	--	68	50	21	10	11	24	32	43	57	1	365	150	98	112	139	144	136	124	118	106	128	206

ESTACION: JAVA (VIOTA)

AÑO: 1963

SUMAS HORARIAS DE BRILLO SOLAR

MESES	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	SUMA Mañana	SUMA Tarde	SUMA Mensual
Enero	—	8.9	17.7	17.7	17.1	14.7	15.5	15.3	18.9	20.8	19.6	9.5	76.1	99.6	175.7
Febrero	—	6.6	13.9	11.9	6.6	6.1	5.9	9.0	10.3	10.8	6.3	4.4	45.1	46.7	91.8
Marzo	—	9.8	15.9	13.7	11.1	6.2	8.5	10.3	12.1	13.6	13.1	4.2	56.7	61.8	118.5
Abril	—	6.0	9.7	7.8	6.0	2.9	4.8	6.8	4.9	4.9	4.5	1.6	32.4	27.5	59.9
Mayo	—	6.2	8.9	8.0	5.0	5.3	8.5	8.7	7.9	11.2	10.9	6.1	33.4	53.3	86.7
Junio	—	7.1	13.2	11.6	7.6	7.2	7.5	9.1	10.2	9.8	10.3	7.1	46.7	54.0	100.7
Julio	—	12.1	17.0	14.2	8.4	7.7	5.8	9.2	10.1	9.0	6.9	5.8	59.4	48.8	108.2
Agosto	0.1	10.3	14.6	13.5	8.9	10.2	8.6	10.3	14.0	11.9	15.3	6.0	57.6	66.1	123.7
Septiembre	—	6.9	13.4	13.1	11.2	9.2	6.3	11.6	10.4	12.3	9.4	3.8	53.8	53.8	107.6
Octubre	—	6.8	13.2	11.1	11.5	8.0	7.1	12.9	15.1	18.9	14.7	4.0	50.6	72.7	123.3
Noviembre	—	4.5	12.1	10.9	6.0	4.8	4.9	4.8	6.6	9.7	10.9	3.6	40.3	40.5	80.8
Diciembre	—	7.6	18.2	15.1	15.0	13.0	12.9	15.8	17.4	16.5	17.5	7.8	68.9	89.7	158.6
SUMA ANUAL	0.1	92.8	167.8	148.6	116.4	95.3	96.3	123.8	137.9	151.4	141.4	83.7	621.0	714.5	1.335.5

PRECIPITACION

7	14	20	Suma	Días Lluv.	Máx.	D.
23.3	16.1	42.1	81.5	17	21.3	13
22.1	65.5	62.1	149.7	21	29.2	2
22.3	43.6	18.9	86.5	15	20.7	29
79.8	76.3	120.5	269.9	27	46.7	5
227.7	74.2	83.4	385.3	25	80.9	10
26.1	48.3	18.6	93.0	20	28.8	13
5.7	11.6	43.7	61.0	22	10.6	2
5.6	38.4	20.3	64.3	18	20.1	2
15.1	10.8	12.9	38.8	19	6.1	10
150.1	75.9	28.0	254.2	25	53.0	24
196.4	54.1	95.9	346.2	20	77.2	8
118.8	10.8	59.0	188.7	16	75.4	30
74.4	44.3	50.5	169.2	246	33.2	--

SUMAS HORARIAS DE LA PRECIPITACION

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17 18	18 19	19 20	20 21	21 22	22 23	23-24	Total
Enero	0.2	—	—	0.1	0.2	0.2	0.5	9.3	0.1	--	1.9	—	1.9	2.9	0.3	0.8	5.6	1.2	10.4	17.8	4.4	17.0	0.5	0.2	81.5
Febrero	0.8	1.0	0.7	0.1	—	--	--	0.1	21.3	11.0	5.8	7.1	5.0	15.2	17.3	18.8	12.6	6.0	1.2	4.2	5.5	9.1	1.8	4.1	149.7
Marzo	—	—	1.0	11.6	2.3	4.8	2.5	0.2	--	7.4	10.0	7.0	8.1	15.9	5.7	13.1	--	0.1	—	—	—	0.1	--	1.1	90.9
Abril	6.6	10.3	15.4	11.3	3.1	3.5	2.3	6.6	4.6	11.1	6.9	21.1	16.1	7.9	36.9	64.9	1.7	11.9	1.3	3.8	3.0	1.3	0.1	21.8	275.5
Mayo	12.3	16.0	8.6	8.5	45.1	19.5	42.4	10.8	2.2	12.3	5.0	15.3	15.5	12.1	4.3	2.0	26.9	6.5	12.8	30.9	14.1	21.4	27.1	13.7	385.3
Junio	11.5	1.1	3.1	0.1	1.2	--	—	—	4.2	17.5	12.7	4.6	2.7	6.6	3.0	6.0	1.3	5.6	0.7	2.0	1.2	0.8	3.2	3.9	93.0
Julio	—	0.1	1.6	0.1	1.1	1.8	0.2	—	0.2	0.5	1.1	1.6	4.0	4.2	13.1	12.6	12.0	5.3	0.6	0.1	0.2	0.5	0.1	--	61.0
Agosto	1.2	0.8	0.5	1.0	0.7	0.3	—	1.4	7.7	12.1	1.6	1.3	5.6	8.7	13.6	1.5	1.5	0.6	2.8	0.3	--	--	--	1.1	64.3
Septiembre	1.2	6.9	0.1	0.8	0.5	0.2	0.4	0.4	—	0.8	2.0	2.6	1.7	3.3	3.7	5.2	0.1	—	0.7	3.2	—	—	3.5	1.5	38.8
Octubre	58.6	23.7	7.1	12.3	22.2	2.5	6.0	13.7	20.0	6.0	14.5	11.4	2.7	7.6	23.0	1.9	0.5	0.8	0.8	1.0	—	1.8	5.9	10.2	254.2
Noviembre	22.0	20.3	12.9	2.8	9.8	2.3	15.4	9.1	17.8	4.6	0.3	2.6	5.4	14.3	29.5	6.4	9.8	28.2	12.4	9.6	6.9	32.0	38.5	33.3	346.2
Diciembre	29.9	0.2	2.2	35.1	2.2	0.3	—	0.4	—	0.2	0.2	3.7	2.0	4.3	0.4	4.6	41.1	5.7	0.5	6.7	\	0.3	13.9	31.3	188.6
SUMA ANUAL	144.3	80.4	53.2	83.8	88.4	35.4	69.7	52.0	78.1	83.5	64.0	78.3	70.7	103.0	150.8	143.8	113.1	73.9	44.2	79.6	3.	93.3	94.6	122.2	2.029.0

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: JAVA (VIOTA) DE LA PRECIPITACION AÑO: 1.963

MESES	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h:min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	81.5	17	24	12	36	49.2	32.3	16:10'	9:15'	25:25'	15.5	1:10'	0.22	4.0	0.8	2:10'	0.9	0.01	0.2	0.0
Febro	149.7	21	31	11	42	134.5	15.2	42:00'	9:15'	51:15'	27.7	3:50'	0.12	3.5	0.7	11:10'	27.0	0.04	1.2	0.2
Marzo	96.5	15	15	5	20	67.3	29.2	17:45'	11:30'	29:15'	20.7	3:20'	0.10	6.5	1.3	4:40'	17.5	0.06	2.5	0.5
Abril	269.9	27	46	17	63	192.0	77.9	47:25'	30:20'	77:45'	36.2	4:40'	0.12	6.5	1.3	6:05'	11.1	0.03	0.7	0.1
Mayo	395.3	26	41	28	69	221.3	164.0	58:00'	36:15'	94:15'	65.2	9:00'	0.12	3.2	0.6	9:00'	65.2	0.12	3.2	0.6
Junio	93.0	20	28	10	38	66.9	26.1	22:35'	12:15'	34:50'	22.8	2:20'	0.16	4.0	0.8	2:50'	10.3	0.06	2.0	0.4
Julio	61.0	22	38	9	47	55.3	5.7	28:35'	31:55'	60:30'	9.6	2:55'	0.05	1.5	0.3	2:55'	9.6	0.05	1.5	0.3
Agsto	64.3	18	24	10	34	58.7	5.6	25:00'	9:35'	34:35'	17.3	1:20'	0.21	4.0	0.8	3:30'	1.8	0.01	0.2	0.0
Spbre	38.8	19	21	11	32	23.3	15.5	12:30'	9:50'	22:20'	5.8	3:10'	0.03	1.5	0.3	3:10'	5.8	0.03	1.5	0.3
Ocbre	254.2	25	38	26	64	89.1	165.1	32:15'	42:10'	74:25'	52.8	5:10'	0.17	7.0	1.4	6:25'	25.7	0.06	4.5	0.9
Nvbre	346.2	20	34	18	52	145.9	200.3	38:20'	41:55'	80:15'	76.5	6:30'	0.19	10.5	2.1	6:45'	4.6	0.01	0.3	0.1
Dcbre	188.7	16	19	12	31	73.4	115.3	18:30'	10:20'	28:50'	64.5	3:25	0.31	8.5	1.7	3:25'	64.5	0.31	8.5	1.7
TOTALES	2028.1	246	359	169	528	1176.9	852.2	359:05'	254:35'	613:40'	414.6	46:50'	XX	XX	XX	62:05'	264.0	XX	XX	XX

PRECIPITACION DIARIA — BRILLO SOLAR DIARIO

Año: 1.9 6 3

ESTACION La Cumbre - Valle — ALTURA 1.550 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	14.1	0.3	0.9	5.0	0.2	8.1	5.3	--	10.9		--
2	0.9	0.7	--	0.8	3.1	8.5	--	--	--	9.3	--	--
3	--	--	0.2	5.8	--	9.5	--	--	--	--	--	--
4	--	6.2	3.8	2.9	--	0.8	--	--	--	--	--	--
5	--	--	--	0.3	1.8	--	--	11.4	--	--	--	--
6	5.0	3.9	0.2	1.3	9.0	--	1.7	0.2	--	--	--	--
7	--	0.1	0.2	0.5	9.1	0.5	2.3	8.2	--	--	--	--
8	--	1.1	7.6	--	8.9	--	--	0.1	--	8.8	7.0	--
9	--	--	0.8	--	--	2.6	--	0.4	1.8	--	--	--
10	0.6	1.2	1.6	--	0.9	9.5	5.4	--	0.1	--	--	--
11	4.3	5.3	1.2	0.6	--	8.2	--	--	0.2	--	--	--
12	--	--	2.2	8.2	0.4	--	0.3	--	1.2	9.5	--	--
13	--	--	1.C	9.4	6.C	3.1	--	--	--	--	--	1.5
14	0.1	--	0.4	0.8	4.3	--	0.4	1.4	--	--	--	--
15	0.6	--	--	2.5	6.2	41.5	8.4	0.1	1.7	--	--	--
16	--	0.1	0.6	--	0.3	19.0	9.0	--	1.C	--	--	21.9
17	0.2	0.1	11.5	2.C	1.5	--	--	0.1	0.4	4.3	--	0.3
18	--	11.5	12.6	3.0	1.4	--	1.9	3.4	0.5	--	--	--
19	0.2	9.3	2.8	24.6	--	--	--	2.6	0.1	--	--	--
20	--	5.1	--	9.3	--	--	0.1	0.2	10.4	1.6	--	--
21	0.4	41.1	--	1.3	0.4	--	0.6	--	0.3	--	30.C	--
22	--	1.4	1.3	0.2	--	--	0.2	--	18.2	11.0	26.0	--
23	--	7.1	9.0	3.4	0.1	--	--	--	--		--	--
24	--	--	0.4	0.9	5.8	--	--	--	--		20.0	0.2
25	--	--	0.1	--	2.4	5.3	--	5.C	--		--	--
26	0.3	1.1	--	1.C	0.1	0.1	--	0.1	0.1		--	--
27	--	6.4	--	4.2	4.C	--	--	--	--		--	--
28	0.3	--	--	9.4	--	--	--	--	21.0		--	--
29	--		0.2	0.1	0.1	2.3	--	--	4.9		--	6.1
30	--		--	1.3	7.0	0.1	--	0.6	1.1		--	--
31	--		0.8		16.7		0.2	--				--
Suma Mensual	12.9	115.8	58.8	94.C	94.5	111.2	38.6	39.1	63.4	(55.4)	116.0	30.1
Dias Lluviosos	11	18	22	25	23	15	13	15	16	(7)	5	6

Total de días lluviosos: (176) — TOTAL DEL AÑO (830.4) m.m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	6.0	3.3	6.3	4.2	7.0	8.3	2.4	0.6	7.6	5.8	5.2	6.8
2	7.1	3.7	8.1	0.2	1.1	7.5	5.0	7.7	2.3	7.5	1.2	6.6
3	3.2	7.5	1.0	3.0	8.8	3.4	7.8	7.5	8.8	7.4	0.7	6.5
4	5.7	0.7	8.0	0.2	7.2	3.6	3.8	8.2	4.7	9.4	3.2	8.4
5	4.6	3.2	7.C	5.7	7.5	7.4	4.6	2.1	--	8.0	2.9	5.5
6	4.7	1.9	6.2	5.1	2.5	8.1	6.0	6.8	1.2	5.4	4.3	6.3
7	2.1	6.6	9.7	5.3	--	7.8	8.4	7.8	2.7	--	4.1	4.1
8	4.4	2.2	4.C	9.2	--	7.3	0.9	3.1	2.3	2.2	2.7	2.C
9	2.6	4.7	2.1	9.3	2.5	3.5	4.5	3.9	4.3	3.5	6.9	6.2
10	6.3	2.7	4.3	7.8	7.C	2.2	3.4	6.4	2.C	8.2	7.2	6.4
11	2.6	1.C	6.3	7.4	6.1	0.5	6.6	7.5	6.4	3.5	1.4	2.3
12	3.0	7.7	2.3	4.1	7.0	4.2	4.8	6.8	1.6	6.5	7.1	7.6
13	5.1	8.7	4.5	2.5	1.5	1.2	8.7	3.2	5.0	3.2	4.4	1.6
14	5.6	8.3	5.9	4.2	2.1	7.2	8.5	6.5	5.1	8.1	0.2	7.C
15	5.9	9.3	5.4	4.2	4.C	5.4	7.6	4.7	4.1	2.6	2.5	6.7
16	5.1	5.3	3.2	5.4	7.0	7.C	4.8	3.7	5.9	4.7	8.6	6.8
17	4.8	2.3	4.6	7.3	4.1	6.6	6.7	5.5	1.5	3.8	1.6	3.5
18	7.9	1.6	7.9	--	6.0	10.0	10.1	5.2	3.5	8.8	6.1	3.3
19	7.1	0.4	7.2	7.0	0.5	0.2	4.6	0.7	2.2	0.5	7.0	7.1
20	0.9	6.0	6.0	1.1	6.8	6.4	9.5	6.7	5.4	4.6	3.2	4.3
21	4.7	5.9	6.9	--	5.6	9.1	7.9	7.8	7.3	8.0	4.5	6.9
22	8.3	2.3	3.4	--	9.9	--	8.6	7.9	1.9	7.8	3.7	4.1
23	8.0	5.0	5.9	3.8	5.7	6.7	6.1	6.0	7.2	6.9	0.7	5.2
24	8.1	4.1	1.8	--	0.8	3.2	8.8	7.C	8.2	4.2	8.2	5.3
25	1.7	5.4	4.6	5.5	1.7	6.4	8.3	7.4	5.2	5.5	3.4	5.9
26	4.9	7.7	1.9	5.5	5.2	7.7	7.3	8.0	4.9	5.9	1.6	7.8
27	2.6	5.6	7.9	0.4	6.3	8.4	8.6	7.3	7.2	1.1	0.7	4.9
28	5.2	7.6	3.2	2.9	4.9	5.2	7.3	9.4	8.1	5.1	6.2	6.6
29	5.5		7.5	1.4	7.4	6.9	7.6	3.3	5.1	4.9	4.5	5.4
30	5.8		3.1	2.9	7.9	8.3	3.7	5.6	9.1	6.2	5.9	7.5
31	6.0		4.5		1.8		6.6	4.0		3.3		5.6

TOTAL DEL AÑO 1.862.6

ESTACION: LA CUMBRE — FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m. — AÑO 1.963

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	--	--	1	1	--	1	1	4	1	4	3	1	1	1	1	--	--	2	--	--	1	2	1	--	12
Febro	1	2	3	2	1	4	5	3	4	1	3	2	1	2	6	8	6	3	1	1	2	--	3	1	18
Marzo	2	3	1	2	3	5	5	6	1	3	2	2	2	4	5	2	1	4	3	1	--	3	4	4	23
Abril	4	2	2	3	2	5	9	7	3	5	7	5	5	3	6	3	3	1	--	1	1	--	2	4	25
Mayo	3	2	--	1	4	4	4	5	5	4	5	1	5	6	4	2	3	1	3	4	1	2	2	4	22
Junio	3	4	4	5	6	5	1	4	1	--	1	3	2	2	4	2	3	1	1	1	1	2	3	6	18
Julio	1	--	--	1	1	1	1	2	2	1	--	--	2	--	--	3	1	--	--	--	2	3	3	5	12
Agsto	2	2	6	1	2	2	5	2	1	1	1	1	2	2	1	2	2	--	--	2	2	--	--	--	13
Spbre	--	--	--	1	1	2	4	2	3	--	4	3	1	1	2	3	1	1	--	1	--	--	--	1	13
Ocbre	(3	3	4	6	6	5	3	--	--	1	--	1	1	1	1	1	--	1	--	--	--	--	--	--	10)
Nvbre																									
Dcbre	1	1	2	2	1	1	1	1	--	--	--	1	--	--	1	2	1	--	--	--	--	1	1	1	6
SUMA ANUAL	(20	19	23	25	27	35	39	36	21	20	26	20	22	22	31	28	21	14	8	11	10	13	19	26	172)

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	--	--	5	3	2	6	1	1	8	5	1	--	28	16	11	5	6	5	3	1	2	3	5	19
Febro	--	--	4	10	7	7	7	7	6	4	1	--	27	15	6	4	1	2	3	8	10	8	11	23
Marzo	--	1	9	6	4	4	4	5	9	3	2	--	28	15	11	5	4	6	3	2	5	8	13	27
Abril	--	--	4	6	8	7	5	6	3	6	2	--	28	18	15	10	9	6	10	13	11	14	14	22
Mayo	--	--	5	7	8	8	7	8	10	4	2	--	31	19	12	9	8	5	7	8	6	8	14	19
Junio	--	--	6	13	18	14	12	14	8	6	2	--	30	16	9	4	4	4	2	2	3	5	8	21
Julio	--	2	10	12	12	15	14	11	8	8	3	--	24	12	4	1	3	2	2	1	3	7	8	18
Agsto	--	--	9	11	9	6	9	7	8	5	4	--	28	12	9	4	3	4	4	4	2	4	10	22
Spbre	--	--	4	11	9	7	10	9	8	4	1	--	28	17	9	8	5	5	9	4	4	11	13	28
Ocbre	--	--	2	8	12	11	8	12	11	6	1	--	29	20	14	9	7	6	5	4	4	5	7	22
Nvbre	--	--	2	5	5	5	9	10	5	2	--	--	30	20	15	12	6	4	3	5	11	12	14	25
Dcbre	--	--	1	6	9	7	8	5	4	7	--	--	29	16	7	2	3	4	3	4	5	5	8	21
SUMA ANUAL	--	3	61	98	103	97	94	95	88	60	22	--	339	196	122	73	59	53	54	56	66	90	125	267

ESTACION: LA CUMBRE

AÑO: 1.963

SUMAS HORARIAS DE BRILLO SOLAR

MESES	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	SUMA Mañana	SUMA Tarde	SUMA Mensual
Enero	0.4	5.4	12.9	14.3	14.4	17.5	17.2	17.8	21.3	17.3	14.0	3.0	64.9	90.6	155.5
Febrero	0.2	4.0	13.1	17.3	16.1	16.7	14.6	13.5	13.0	12.4	8.9	0.9	67.4	63.3	130.7
Marzo	0.7	8.0	14.7	18.3	18.7	17.5	19.6	18.8	18.9	14.9	9.7	0.9	77.9	82.8	160.7
Abril	0.3	4.6	9.1	12.5	15.5	14.6	13.8	11.6	11.0	10.3	9.9	2.4	56.6	59.0	115.6
Mayo	—	5.1	12.4	15.2	17.1	17.6	17.5	17.0	16.9	14.3	9.7	3.1	67.4	78.5	145.9
Junio	—	4.5	15.7	21.1	24.6	19.7	21.4	22.9	19.7	16.1	10.5	2.5	85.6	93.1	178.7
Julio	1.6	9.3	19.3	21.9	23.1	23.2	22.4	23.1	19.9	17.6	15.4	2.7	98.4	101.1	199.5
Agosto	0.7	8.1	14.3	22.1	20.1	19.0	20.4	19.8	18.2	19.3	13.5	2.8	84.3	94.0	178.3
Septiembre	0.2	4.2	11.4	16.0	19.9	18.8	14.9	17.3	17.0	13.1	7.4	0.6	70.5	70.3	140.8
Octubre	0.3	3.8	9.0	15.4	20.3	20.3	18.4	20.9	21.9	18.2	12.2	2.2	69.1	93.7	162.8
Noviembre	—	4.7	9.5	11.3	15.0	16.5	16.8	15.8	13.2	10.4	5.2	1.5	57.0	62.9	119.9
Diciembre	0.4	4.9	13.5	19.6	21.1	21.3	21.4	18.6	18.5	19.6	13.6	1.7	80.8	93.4	174.2
SUMA ANUAL	4.8	66.6	154.9	205.0	225.9	222.7	218.4	217.1	209.4	183.5	130.0	24.3	879.9	982.7	1.862.6

PRECIPITACION

7	14	20	Suma	Días Lluv.	Máx.	D.
6.9	5.2	0.8	12.9	11	5.0	6
26.2	11.2	78.4	115.8	18	41.1	21
29.5	8.5	20.8	58.8	22	12.6	18
41.6	31.1	21.8	94.6	25	24.6	19
23.0	40.4	31.2	94.5	23	16.7	31
44.9	44.7	21.6	111.2	15	41.5	15
24.3	2.4	11.7	38.6	13	9.0	16
12.4	8.3	18.6	39.1	15	11.4	5
24.1	8.6	29.7	63.4	16	21.0	28
(47.1	8.5	0.8	55.4	7	11.0	22)
106.0	—	10.0	116.0	5	33.0	10
28.6	0.4	1.7	30.1	6	21.9	16
37.6	15.4	22.5	74.6	176	22.6	—

SUMAS HORARIAS DE LA PRECIPITACION

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17 18	18 19	19 20	20 21	21 22	22 23	23-24	Total
Enero	—	—	0.9	0.1	—	0.2	0.5	0.8	2.4	1.0	0.6	0.1	0.1	0.2	0.2	—	—	0.6	—	—	0.3	3.1	1.8	—	12.9
Febrero	0.1	2.2	15.2	0.9	0.2	1.8	1.7	0.8	1.4	0.3	1.4	0.4	6.2	0.7	52.5	19.9	4.0	0.8	0.2	1.0	1.2	—	2.2	0.7	115.8
Marzo	4.3	3.5	2.3	3.0	3.9	0.7	1.9	0.8	0.4	0.3	0.4	0.2	1.4	5.0	14.0	2.3	0.1	1.4	0.3	2.7	—	0.9	4.6	4.4	58.8
Abril	11.4	2.1	4.5	11.4	0.3	0.6	2.1	1.7	1.5	4.1	2.7	7.7	10.7	2.7	19.5	1.3	0.3	0.1	—	0.6	0.1	—	0.9	8.2	94.5
Mayo	1.3	2.1	—	0.3	6.5	0.8	7.3	20.1	1.9	1.9	2.5	0.3	3.9	9.8	10.5	4.1	4.7	0.6	9.9	1.4	0.4	1.0	1.1	2.2	94.6
Junio	3.1	3.5	2.2	10.5	10.9	0.8	4.7	0.5	0.1	—	0.1	3.3	1.1	39.6	11.7	7.1	1.0	0.1	0.8	0.9	0.7	3.2	2.5	2.8	111.2
Julio	0.2	—	—	1.7	0.2	0.4	0.1	1.2	0.2	0.1	—	—	0.9	—	—	7.3	4.4	—	—	—	11.1	5.4	2.1	3.1	38.4
Agosto	0.3	1.5	1.9	0.6	5.1	1.3	0.5	2.6	0.2	0.1	0.1	0.6	4.3	0.4	10.3	2.8	0.9	—	—	4.6	1.2	—	—	—	39.3
Septiembre	—	—	—	12.5	8.5	0.5	2.6	4.3	0.7	—	0.7	1.1	1.7	0.1	9.7	9.9	9.4	0.6	—	0.1	—	—	—	0.2	62.6
Octubre	(5.3	3.0	9.4	14.5	5.4	7.4	1.9	—	—	0.1	—	4.8	0.1	3.5	0.2	0.5	—	—	—	—	—	—	—	—	56.2)
Noviembre Diciembre	1.6	0.1	0.4	15.0	3.8	2.3	0.7	0.3	—	—	—	0.1	—	—	1.3	0.3	0.1	—	—	—	—	0.2	0.4	3.5	30.1
SUMA ANUAL	(27.6	18.0	36.8	70.5	44.8	16.8	24.0	33.1	8.8	7.9	8.5	18.6	30.4	62.0	129.9	55.5	24.9	4.3	11.2	11.3	15.0	13.6	15.6	25.1	714.4)

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: LA CUMBRE

DE LA PRECIPITACION

AÑO 1963

MESES	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
	m.m.	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h:min	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	12.9	11	15	6	21	6.0	6.9	6:15'	3:55'	10:10'	4.8	1:55'	0.04	0.7	0.1	2:20'	3.4	0.02	0.5	0.1
Febro	115.9	16	24	16	40	89.9	25.9	19:40'	15:20'	35:00'	41.0	1:40'	0.41	9.5	1.9	3:25'	3.0	0.01	0.3	0.1
Marzo	58.8	22	29	21	50	29.2	29.6	12:15'	18:15'	30:30'	12.5	3:30'	0.05	1.3	0.3	3:40'	8.8	0.04	0.4	0.1
Abril	94.6	25	39	22	61	52.9	41.7	32:50'	16:45'	49:35'	24.4	5:15'	0.07	4.0	0.8	5:15'	24.4	0.07	4.0	0.8
Mayo	94.5	23	36	17	53	55.3	39.2	17:35'	11:50'	29:25'	23.7	1:20'	0.29	10.5	2.1	1:20'	23.7	0.29	10.5	2.1
Junio	111.2	15	20	19	39	69.2	42.0	14:10'	22:25'	36:35'	41.4	1:05'	0.63	10.0	2.0	5:30'	3.6	0.01	0.1	0.0
Julio	38.6	13	10	13	23	14.1	24.5	5:45'	10:30'	16:15'	9.0	1:35'	0.09	1.0	0.2	2:55'	2.8	0.01	0.1	0.0
Agsto	39.1	15	14	16	30	28.1	11.0	9:40'	8:10'	17:50'	11.3	1:15'	0.15	5.5	1.1	1:30'	5.0	0.05	1.0	0.2
Spbre	63.4	16	17	6	23	38.8	24.6	11:15'	4:50'	16:05'	21.0	1:50'	0.19	3.5	0.7	2:15'	18.1	0.13	2.0	0.4
Ocbre	55.4	7	5	9	14	9.3	46.1	3:05'	23:00'	26:05'	10.9	4:20'	0.04	0.8	0.2	4:40'	9.3	0.03	0.5	0.1
Nvbre	(116.0	5)																		
Dcbre	30.1	6	4	3	7	1.8	28.3	1:50'	9:15'	11:05'	22.2	4:55'	0.07	4.0	0.8	4:55'	22.2	0.07	4.0	0.8
TOTALES	(830.4	176	213	148	361	394.6	319.8	136:20'	144:15'	278:35'	222.3	28:40'	XX	XX	XX	37:45'	124.3	XX	XX	XX)

PRECIPITACION DIARIA — BRILLO SOLAR DIARIO

Año: 1.9 6 3

ESTACION La Unión - Nariño — **ALTURA** 1.480 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	2.4	--	1.8	35.6	--	--	--	--	12.0	26.7	5.6	7.3	1.7		2.4	2.3	10.8	9.9	3.1	8.8	5.5	0.9	2.5
2	--	--	--	20.9	20.0	--	--	0.2	--	--	59.6	--	3.4	3.3		3.7	3.9	7.3	1.3	6.6	9.8	4.7	1.4	4.3
3	--	--	1.1	13.9	--	--	--	--	--	--	20.9	31.7	2.5	3.0		3.6	7.6	2.7	9.5	8.4	9.5	8.0	0.4	4.0
4	0.1	56.6	--	0.3	--	--	--	--	--	--	15.0	0.2	5.0	--		--	7.5	7.2	9.3	7.8	9.3	10.3	2.0	2.1
5	--	7.1	--	23.7	7.5	--	--	--	--	0.1	3.5	0.1	7.9	--		6.2	5.6	9.4	10.4	1.4	7.8	8.7	1.3	5.5
6	--	0.7	11.7	1.5	14.6	--	--	--	--	--	6.6	--	7.7	2.9		1.6	3.4	9.7	10.5	1.6	6.9	6.4	4.1	5.1
7	0.2	20.3	--	4.4	--	--	0.3	--	--	--	--	--	4.9	1.7		5.9	5.2	10.8	8.4	8.1	5.4	3.1	8.7	5.1
8	5.6	0.2	2.2	--	10.9	--	0.5	--	--	--	13.2	--	3.1	2.4		7.6	5.6	8.9	5.3	7.9	4.2	3.0	6.6	3.7
9	12.8	29.3	8.7	2.1	1.0	0.9	--	--	--	--	30.9	--	--	5.1		7.0	7.6	1.3	5.5	9.1	4.5	5.1	1.8	5.1
10	2.8	19.8	--	--	25.1	16.0	12.7	--	--	--	41.2	7.7	--	1.9		3.3	--	3.0	0.6	8.7	5.7	5.0	1.7	5.4
11	7.1	10.6	0.1	--	1.8	27.2	0.3	--	3.7	--	10.5	--	1.2	--		6.4	6.3	--	1.7	7.8	6.5	9.1	--	3.6
12	19.9	0.1	10.4	2.6	0.9	66.8	--	--	--	0.7	--	--	4.6	1.2	0.1	4.6	4.7	0.5	2.3	8.7	6.2	6.3	3.1	4.4
13	--	--	2.1	49.1	--	34.1	--	--	--	5.7	11.6	4.8	4.8	9.9	1.0	2.9	5.4	0.6	8.8	9.4	8.6	4.2	3.3	1.0
14	0.6	--	4.7	--	6.8	5.2	3.6	--	--	40.7	--	0.2	5.2	8.0	3.1	5.4	--	2.8	6.0	6.5	7.3	3.4	0.2	7.8
15	0.2	--	0.6	9.4	0.4	1.1	9.7	--	--	2.1	--	--	6.1	8.3	3.2	4.3	1.7	3.8	7.1	4.0	7.5	0.7	3.3	4.4
16	0.2	19.5	--	--	--	11.1	--	--	--	8.8	--	0.8	3.3	3.9	4.0	2.1	7.9	5.3	5.7	3.4	5.0	2.4	9.2	5.2
17	0.2	18.4	0.3	35.8	--	0.4	--	--	--	--	--	3.6	5.6	1.2	2.4	4.6	3.8	7.8	9.9	8.6	2.2	2.0	5.5	--
18	6.4	14.8	11.2	1.3	0.6	--	--	--	--	--	1.0	--	2.6	1.0	3.4	0.8	8.5		10.3	6.9	2.5	7.9	2.7	2.9
19	--	6.0	3.2	5.6	--	--	--	1.0	--	--	1.0	0.3	0.2	--	3.7	5.1	8.2		4.7	5.3	4.4	9.6	5.0	2.5
20	2.0	38.8	--	11.4	--	--	--	0.1	--	--	0.1	--	4.1	0.7	3.6	0.9	10.9		9.4	3.6	6.0	5.9	3.5	4.1
21	0.3	29.7	6.6	--	--	--	--	--	--	--	15.5	--	3.6	0.2	4.3	5.0	8.6		8.3	7.8	4.7	8.4	1.0	5.2
22	--	35.5	--	--	--	--	--	--	--	--	38.5	--	5.8	1.7	0.5	9.3	11.3		9.4	6.2	2.5	10.0	1.4	2.3
23	--	25.7	--	0.1	--	--	--	4.4	--	--	3.4	--	7.9	1.2	3.6	9.6	7.3		8.8	1.4	4.6	8.8	0.1	0.3
24	3.9	0.6	9.1	0.8	0.5	--	--	--	15.5	--	0.9	23.9	6.9	0.8	--	2.0	2.0		9.9	7.0	6.2	6.8	1.5	1.0
25	0.1	0.0	12.0	0.5	--	--	--	--	0.5	15.8	4.6	4.9	1.0	1.8	0.9	6.7	8.6		8.2	2.3	6.5	6.2	2.6	0.1
26	8.3	3.0	7.8	--	--	0.4	--	0.5	--	--	5.3	1.7	1.9	0.3	0.2	9.8	9.7		2.1	8.1	6.0	3.1	1.3	2.2
27	34.9	1.0	--	13.9	--	0.1	--	--	--	9.9	--	--	1.2	2.6	6.8	4.2	7.9	9.0	9.6	10.1	6.8	2.6	2.6	4.6
28	1.3	--	--	4.8	--	--	--	--	--	8.9	0.1	6.2	1.5	3.9	2.5	1.5	11.2	7.5	8.2	9.7	10.0	3.9	5.9	3.5
29	0.5		0.7	13.2	--	--	--	--	47.5	4.6	30.8	21.6	1.6		2.6	1.8	11.0	4.0	7.9	10.7	4.1	7.1	5.1	--
30	--		5.3	10.5	--	--	--	--	11.8	7.1	0.8	4.3	3.8		5.0	3.5	10.6	7.8	8.4	9.9	4.5	1.0	5.2	2.9
31	0.3		--		--		--	--		3.5		3.2	7.5		0.4		9.2		2.4	9.2		0.6		0.5
Suma Mensual	113.7	336.1	97.8	227.6	125.4	103.3	27.1	6.2	79.0	120.9	338.3	120.8	122.2	68.7	(51.3)	132.8	204.0	(120.0)	220.8	209.8	184.0	168.9	91.4	101.4
Dias Lluviosos	21	22	18	22	13	11	6	6	5	13	23	17												

Total de dias lluviosos: 176 — **TOTAL DEL AÑO** 1.096.2 m.m.

TOTAL DEL AÑO (1.675.3)

ESTACION : LA UNION FRECUENCIA HORARIA DE LA PRECIPITACION MAS 0.1 m.m. AÑO 1.963

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Total
Enero	4	5	7	4	4	3	5	2	2	1	1	—	—	3	4	6	6	5	4	4	3	2	3	7	21
Febro	13	13	11	11	8	7	7	4	5	4	2	6	5	7	11	13	12	6	5	7	8	10	11	11	23
Marzo	1	1	--	1	—	1	2	—	--	--	--	2	6	6	7	8	9	8	5	2	—	3	3	2	18
Abril	8	6	5	5	5	6	6	3	3	1	1	—	3	3	9	8	7	8	4	4	5	6	6	5	25
Mayo	1	3	3	3	2	3	1	1	2	1	1	1	2	3	3	6	7	6	5	5	4	4	3	2	15
Junio	3	3	2	3	3	2	2	1	1	--	1	1	2	6	6	5	6	2	4	4	3	3	2	2	12
Julio	--	2	1	—	1	2	1	—	--	--	—	1	2	1	1	1	1	1	1	1	2	1	3	1	8
Agsto	—	--	--	--	--	--	-	—	--	--	1	--	—	1	3	—	—	--	—	1	2	—	—	--	5
Spbre	1	1	2	2	--	1	1	--	--	--	—	—	—	—	—	2	1	—	1	1	3	3	2	1	6
Ocbre	6	6	8	8	6	3	2	1	--	—	—	—	—	—	2	2	3	5	2	3	1	3	4	3	13
Nvbre	7	5	5	3	2	4	2	2	—	1	1	1	1	8	8	11	14	10	8	6	10	7	10	11	25
Dcbre	3	4	5	4	4	2	4	3	1	1	2	4	4	4	9	11	8	4	2	2	2	1	2	3	18
SUMA ANUAL	47	49	49	44	35	34	33	17	14	9	10	16	25	42	63	73	74	55	41	40	43	43	49	48	189

FRECUENCIA HORARIA DEL BRILLO SOLAR

MESES	Frecuencia a pleno sol												Frecuencia sin sol											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Enero	—	3	5	1	3	4	8	2	1	1	—	—	25	12	11	12	7	6	6	8	9	10	17	31
Febro	—	2	4	2	3	3	3	3	3	2	—	—	25	20	14	10	11	11	13	14	14	20	20	28
Marzo	—	2	2	1	—	—	—	—	1	—	—	—	15	9	9	6	9	11	10	8	9	8	13	20)
Abril	—	8	4	6	7	8	6	9	5	3	1	—	23	11	5	7	7	6	7	7	12	12	20	26
Mayo	—	12	12	13	12	11	14	13	9	5	6	—	17	8	4	4	3	4	3	4	6	5	11	15
Junio	—	4	6	7	4	6	9	8	6	5	4	—	12	9	6	4	4	3	3	3	4	5	7	11)
Julio	—	9	13	12	14	14	13	11	8	12	10	—	14	4	1	7	5	3	3	5	2	2	3	14
Agsto	—	7	13	8	7	9	7	12	9	8	12	—	12	7	1	2	3	4	4	4	4	4	5	12
Spbre	—	10	13	12	12	7	6	5	5	8	2	—	15	8	4	2	3	1	3	4	4	2	8	28
Ocbre	—	8	11	11	8	14	10	6	5	3	—	—	19	5	9	7	4	6	6	4	5	5	13	31
Nvbre	—	3	4	1	1	3	5	3	3	1	—	—	27	15	11	9	8	6	8	9	15	14	26	30
Dcbre	—	—	4	1	1	1	1	3	1	1	—	—	30	14	10	7	11	10	9	10	14	13	22	31
SUMA ANUAL	—	68	91	75	72	82	83	75	56	49	35	—	234	122	85	77	75	71	75	80	97	100	165	277)

ESTACION: LA UNION

AÑO: 1.963

SUMAS HORARIAS DE BRILLO SOLAR

MESES	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	SUMA Mañana	SUMA Tarde	SUMA Mensual
Enero	0.9	12.3	13.9	10.9	13.0	16.1	17.8	11.9	10.4	10.2	4.8	—	67.1	55.1	122.2
Febrero	0.6	4.5	7.8	8.6	8.9	6.7	8.2	9.3	7.6	4.0	2.5	—	37.1	31.6	68.7
Marzo	(1.0	6.1	6.9	6.7	5.7	3.4	5.1	5.7	4.1	4.3	2.3	--)	(29.8	21.5	51.3)
Abril	3.0	11.7	13.6	15.1	16.1	14.7	14.7	16.4	12.2	9.3	5.1	0.9	74.2	58.6	132.8
Mayo	7.9	18.9	20.7	19.4	19.8	21.3	21.0	21.5	18.1	15.2	13.9	6.3	108.0	96.0	204.0
Junio	(4.2	8.4	10.6	11.4	11.2	13.0	13.7	12.5	11.1	10.2	9.3	4.4	56.8	61.2	120.0)
Julio	7.5	18.2	20.6	19.8	20.1	23.1	21.8	21.0	19.7	22.5	19.1	7.4	109.3	111.5	220.8
Agosto	6.9	16.4	22.5	19.4	19.4	19.4	19.2	20.3	20.4	20.6	20.0	5.3	104.0	105.8	209.8
Septiembre	5.3	16.0	19.3	22.7	19.5	20.4	17.6	15.9	16.8	17.5	12.7	0.3	103.2	80.8	184.0
Octubre	4.6	14.9	15.4	17.6	18.5	19.1	20.7	18.1	16.8	14.0	9.2	—	90.1	78.8	168.9
Noviembre	0.6	7.9	11.9	9.8	9.2	12.6	11.8	11.4	8.6	5.6	2.0	—	52.0	39.4	91.4
Diciembre	0.1	9.9	13.3	12.0	9.3	13.5	10.4	12.6	9.1	8.4	2.8	—	58.1	43.3	101.4
SUMA ANUAL	(42.6	145.2	176.5	173.4	170.7	183.3	182.0	176.6	154.9	141.8	103.7	24.6	891.7	783.6	1.675.3)

PRECIPITACION

7	14	20	Suma	Dias Lluv.	Máx.	D.
46.1	34.4	32.9	113.7	21	34.9	27
193.2	34.1	109.1	336.1	22	56.6	4
9.9	27.9	60.0	97.8	18	12.0	25
73.0	25.6	129.0	227.6	22	49.1	13
47.0	22.1	56.3	125.4	13	35.6	1
27.7	8.0	67.6	103.3	11	34.1	13
2.4	6.2	18.5	27.1	6	12.7	10
0.4	1.2	4.6	6.2	5	4.4	23
58.9	—	16.3	79.0	5	47.5	29
83.2	0.3	41.2	120.9	13	40.7	14
182.7	39.0	116.6	338.3	23	56.6	2
37.9	16.7	63.4	120.8	17	31.7	3
63.5	17.9	59.6	141.3	176	34.7	—

SUMAS HORARIAS DE LA PRECIPITACION

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17 18	18 19	19 20	20 21	21 22	22 23	23-24	Total
Enero	5.4	2.9	10.3	2.2	1.5	2.7	2.3	17.8	6.6	3.3	0.2	-	—	6.5	4.6	15.7	5.8	3.4	1.9	1.5	2.4	2.9	9.8	3.7	113.4
Febrero	23.0	28.2	15.8	7.7	16.5	25.6	5.8	2.7	15.6	6.6	0.6	2.0	2.3	4.3	18.2	40.0	22.6	5.7	6.8	15.8	14.0	21.5	15.3	19.8	336.4
Marzo	0.6	0.1	—	0.1	—	0.8	1.1	—	—	—	—	1.8	11.9	14.2	17.0	14.0	20.0	5.2	2.7	1.1	—	6.5	0.3	0.4	97.8
Abril	11.9	7.5	7.5	3.9	1.4	3.8	7.5	3.4	3.2	0.7	0.1	—	1.0	17.2	22.2	53.6	38.9	7.1	4.5	2.7	5.6	5.4	12.6	5.9	227.6
Mayo	0.9	0.7	11.3	4.9	10.6	2.0	0.1	0.1	0.6	0.2	0.2	15.2	2.0	3.8	6.7	8.1	11.3	5.1	10.8	14.3	8.3	5.5	2.4	0.3	125.4
Junio	4.7	1.2	0.4	1.2	0.4	0.8	0.3	0.2	0.1	-	0.3	0.1	0.4	6.9	16.0	5.4	12.9	3.5	14.4	13.4	9.4	3.8	3.5	2.1	103.3
Julio	--	1.0	0.1	—	0.1	0.2	0.1	—	—	—	—	0.1	3.5	2.6	9.8	0.2	0.7	0.3	7.4	0.1	0.2	0.1	0.5	0.1	27.1
Agosto	—	--	—	—	—	—	—	—	—	—	0.2	—	—	1.0	4.4	—	—	—	—	0.2	0.4	—	—	—	6.2
Septiembre	0.1	18.5	2.6	10.8	—	0.1	0.1	—	—	—	—	—	—	—	—	3.9	4.4	—	5.8	2.2	7.7	12.3	4.6	2.2	75.3
Octubre	9.4	12.9	9.9	15.0	4.2	3.5	3.5	0.3	—	—	—	—	—	—	2.3	14.3	0.4	5.2	3.5	15.5	7.8	4.4	5.1	7.4	124.6
Noviembre	12.7	6.4	1.0	3.7	2.3	1.5	1.1	0.7	—	0.3	0.2	0.1	0.5	37.2	25.8	21.9	29.7	13.5	19.6	5.1	10.8	70.0	40.2	33.0	338.3
Diciembre	6.1	3.2	1.6	2.9	5.0	1.2	1.4	0.3	0.1	0.2	1.8	6.1	1.3	6.9	22.6	21.9	15.8	1.9	0.5	0.7	3.2	0.3	7.0	6.0	118.0
SUMA ANUAL	74.8	82.6	60.5	52.4	42.0	42.2	23.3	25.5	26.2	11.3	3.6	25.4	22.9	100.6	152.6	199.0	162.5	50.9	77.9	72.6	69.7	132.7	101.3	80.9	1.693.4

RESUMEN DE ALGUNAS CARACTERISTICAS

ESTACION: LA UNION — DE LA PRECIPITACION — AÑO: 1,963

	TOTAL		No. PRECIPITACIONES			CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
MESES	m.m	Dias	Dia	Noche	Total	Total Dia	Total Noche	Dia	Noche	Total	m.m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h:min.	m.m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	113.7	21	20	27	47	40.8	72.9	20:15'	32:10'	52:25'	28.0	3:40'	0.12	4.5	0.9	4:45'	6.1	0.02	0.5	0.1
Febro	336.1	22	47	36	83	176.4	159.7	68:40'	66:10'	134:50'	36.4	6:15'	0.09	3.2	0.6	9:05'	26.0	0.04	2.0	0.4
Marzo	97.8	18	29	10	39	87.9	9.9	33:35'	7:05'	40:40'	8.9	1:00'	0.14	2.1	0.4	4:35'	5.9	0.02	0.4	0.1
Abril	227.6	22	28	28	56	151.8	75.8	34:35'	41.40'	76:15'	46.2	3:30'	0.22	8.7	1.5	5:45'	10.1	0.02	0.6	0.1
Mayo	125.4	13	25	14	39	88.5	36.9	28:20'	13:10'	41:30'	27.5	3:35'	0.12	2.0	0.4	5:00'	22.9	0.07	3.0	0.6
Junio	103.3	11	22	11	33	97.4	5.9	35:40'	9:55'	45:35'	24.9	7:00'	0.05	1.0	0.2	10:40'	23.4	0.03	3.2	0.6
Julio	27.1	6	7	12	19	24.7	2.4	6:00'	5:35'	11:35'	9.8	0:55'	0.17	6.8	1.3	1:20'	3.5	0.04	1.0	0.2
Agsto	6.2	5	5	1	6	6.1	0.1	2:35'	0:15'	2:50'	4.4	0:45'	0.09	2.1	0.4	0:45'	4.4	0.09	2.1	0.4
Spbre	79.0	5	4	11	15	39.4	39.6	7:55'	8:50'	16:45'	24.5	2:40'	0.15	9.5	1.9	4:15'	23.0	0.09	2.0	0.4
Ocbre	120.9	13	12	12	24	55.9	65.0	15:40'	27:55'	43:35'	28.5	6:55'	0.06	3.0	0.6	6:55'	28.5	0.06	3.0	0.6
Nvbre	338.3	23	41	20	61	181.4	156.9	47:15'	41:55'	89:10'	52.4	6:50'	0.12	4.0	0.8	6:50'	52.4	0.12	4.0	0.8
Dcbre	120.8	17	25	17	42	83.1	37.7	36:20'	23:45'	60:05'	16.2	4:00'	0.06	2.5	0.5	6:40'	9.7	0.02	1.0	0.2
TOTALES	1696.2	176	265	199	464	1033.4	662.8	336:50'	278:25'	615:15'	305.7	47:05'	XX	XX	XX	66:35'	215.9	XX	XX	XX

PUESTOS PLUVIOMETRICOS

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Rionegro (Zaragoza) - Santander ALTURA 1.100 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	0.2	0.1	--	--	13.0	0.5	1.1	13.0	1.0	--	4.2	1.0
2	--	--	--	--	7.0	--	10.3	20.0	38.0	--	--	--
3	--	17.7	--	3.5	--	--	0.6	0.5	--	--	--	--
4	--	37.5	--	10.0	0.1	--	0.9	0.5	1.3	--	--	--
5	2.2	10.1	--	1.0	4.0	10.5	1.0	--	0.5	--	53.3	--
6	--	1.3	--	20.3	36.2	16.2	1.5	--	1.0	--	--	--
7	--	--	20.5	14.2	1.5	5.0	1.0	--	1.5	--	--	--
8	--	--	1.5	33.5	15.9	5.4	9.3	--	--	--	--	--
9	--	--	--	26.2	19.3	10.0	0.1	12.5	1.0	--	--	--
10	--	2.8	--	--	--	0.6	0.1	3.5	3.0	--	40.0	--
11	8.0	--	--	--	0.1	--	0.2	--	--	--	--	--
12	--	--	34.0	--	--	0.7	0.1	--	0.3	--	23.4	--
13	0.2	--	--	--	11.3	1.0	--	--	1.0	--	--	--
14	--	--	7.8	--	--	4.0	--	--	--	--	54.2	--
15	--	--	--	21.2	7.0	--	2.0	--	7.1	0.0	--	--
16	--	--	--	--	11.4	12.0	14.7	14.0	1.0	37.5	1.5	12.1
17	--	--	--	--	20.0	1.2	30.0	--	--	14.5	--	--
18	--	--	--	--	--	--	0.1	3.0	0.2	19.4	3.5	0.1
19	--	6.1	--	--	--	--	0.1	2.0	--	--	--	1.0
20	--	1.1	--	41.0	7.5	0.2	6.8	--	--	1.0	1.5	--
21	--	7.0	--	--	7.0	2.7	--	0.7	--	1.0	--	--
22	--	--	--	13.5	--	11.1	--	0.5	--	--	0.5	--
23	--	--	--	--	--	8.5	8.5	--	14.0	0.5	1.5	--
24	0.1	--	--	0.5	--	--	--	0.3	1.4	--	4.0	1.3
25	--	--	0.2	0.5	13.1	2.0	--	--	12.5	40.0	10.0	--
26	--	0.4	--	0.7	2.8	--	21.8	49.0	1.6	1.0	1.6	8.2
27	--	--	--	12.2	1.5	--	2.6	4.4	--	21.9	1.2	--
28	--	--	9.5	10.0	0.5	1.5	--	38.0	--	0.5	--	2.7
29	--		10.0	--	3.1	--	1.0	--	--	1.4	--	19.4
30	--		--	10.0	0.4	--	--	--	14.0	0.1	--	--
31	--		3.5		0.5		1.5	--		2.2		2.1
Suma Mensual	10.7	92.0	88.1	232.3	184.2	93.1	103.3	161.9	138.6	153.0	200.8	47.9
Dias Lluviosos	5	10	8	16	22	18	23	15	18	14	14	9

Total de días lluviosos: 173 TOTAL DEL AÑO 1.511.9 m.m.

ESTACION Otanche - Boyacá ALTURA 1.190 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
									--	11.6	4.0	--
									--	11.5	8.0	23.4
									--	11.2	4.0	14.0
									1.6	1.0	1.0	--
									--	--	18.0	--
									1.0	--	28.6	--
									11.0	2.6	--	--
									--	28.0	--	3.0
									0.6	--	--	--
									--	7.2	44.2	--
									--	1.0	16.2	--
									0.8	41.4	102.0	1.8
									--	1.2	5.6	--
									8.8	2.4	23.4	--
									6.2	60.0	1.0	--
									32.6	3.0	3.8	49.0
									1.0	17.8	2.8	13.4
									2.2	1.0	1.4	2.0
									3.6	6.0	--	4.4
									5.4	--	118.4	--
									30.2	--	23.6	12.4
									1.2	108.0	35.4	--
									4.0	18.8	15.0	--
									--	4.8	16.6	3.6
									1.0	--	31.8	1.8
									--	68.2	--	--
									1.6	34.2	--	--
									1.8	--	--	--
									80.2	--	4.0	3.0
									2.4	57.6	3.0	--
										5.0		3.4
									197.2	503.6	511.8	135.2
									20	23	23	13

Total de días lluviosos: (79) TOTAL DEL AÑO (1.347.8) m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Yarumal (Semisiones) - Antioquia **ALTURA** 1.400 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	31.5		--	--	--	21.7	24.8				
2	--	3.0		6.0	7.0	19.8	17.8	--				
3	--	36.5		--	--	6.7	--	--				
4	--	2.0		--	--	0.4	7.0	--				
5	5.5	1.5		9.3	3.0	23.7	22.3	--				
6	--	--		12.7	7.6	--	1.5	16.0				
7	--	--		7.6	19.3	--	--	3.0				
8	2.0	--		13.0	6.0	7.6	--	6.2				
9	1.0	--		8.3	21.8	16.5	19.2	7.4				
10	--	3.0		--	12.5	13.0	29.7	49.8				
11	--	--		3.2	12.0	7.5	1.5	8.0				
12	--	2.0		--	10.9	12.7	43.5	--				
13	--	--		--	29.6	7.4	--	--				
14	--	--		--	--	6.0	11.0	--				
15	--	--		7.0	5.0	7.4	12.0	12.7				
16	--	--		--	12.6	--	12.3	--				
17	--	--		8.0	16.0	9.5	32.9	7.0				
18	--	--		--	13.4	3.0	9.0	11.9				
19	--	20.0		--	--	4.2	--	--				
20	--	13.0		12.0	38.0	--	10.6	30.4				
21	--	--		3.0	--	--	18.0	--				
22	--	5.0		1.2	7.0	--	11.5	6.4				
23	--	--		16.0	--	--	--	--				
24	--	--		9.7	6.0	--	--	--				
25	--	--		--	7.6	12.9	--	5.5				
26	--	--		14.0	9.0	--	2.0	--				
27	--	--		10.0	10.6	0.9	4.3	13.5				
28	--	--		--	7.9	2.0	--	--				
29	--			3.5	5.8	5.3	6.0	16.0				
30	--			6.4	--	--	4.0	19.4				
31	--				3.4		13.5	34.3				
Suma Mensual	8.5	117.5		150.9	272.0	166.5	59.3	95.1				
Dias Lluviosos	3	10		18	23	19	22	17				

Total de días lluviosos:(112) **TOTAL DEL AÑO** (869.8) m.m.

ESTACION Fredonia (Jonás) - Antioquia **ALTURA** 1.400 m

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
--	18.0	2.3	5.9	52.1	1.1	2.2	16.1	--	--	13.0	--
--	--	--	10.0	--	3.6	--	--	--	--	0.1	36.0	--
4.0	7.0	--	1.2	0.1	50.2	--	1.0	--	6.1	4.0	--
0.3	2.3	--	16.3	36.2	11.0	1.0	1.0	--	1.0	1.3	--
6.0	2.0	11.1	1.3	22.0	2.0	4.0	2.2	--	4.2	20.0	--
7.0	0.2	3.3	8.0	0.4	--	--	2.0	3.4	--	6.6	--
7.0	--	--	20.2	9.2	--	1.2	4.0	--	27.3	2.3	--
1.0	1.0	3.0	8.0	34.0	1.4	0.1	0.2	32.0	6.0	10.0	--
2.0	19.0	1.2	1.4	0.2	63.0	52.2	23.0	24.0	--	0.2	--
--	21.2	9.3	37.0	2.3	17.0	31.0	0.2	2.0	--	11.0	--
8.1	21.4	1.0	4.5	8.0	21.2	1.0	--	0.4	22.0	9.3	--
--	1.4	19.4	1.3	0.1	45.0	6.3	--	4.0	44.0	3.0	--
--	1.4	2.0	2.4	7.3	4.1	--	--	2.4	5.4	20.0	--
--	--	3.2	2.1	8.2	1.3	10.2	5.0	--	40.0	13.0	--
1.0	--	--	2.3	1.0	12.0	10.0	1.1	3.4	0.2	8.1	--
3.3	--	1.4	1.1	7.3	0.2	50.2	--	1.1	14.0	1.4	16.3
--	3.0	18.5	1.0	19.0	0.3	15.0	--	8.0	17.3	--	--
--	46.1	13.3	--	--	--	1.3	5.0	10.0	1.4	0.1	--
--	26.2	--	3.1	--	--	1.0	17.0	12.1	3.2	0.2	--
--	19.2	1.4	0.3	32.0	--	52.3	21.3	11.0	9.0	7.0	--
--	5.0	--	--	1.4	--	3.3	0.2	5.4	0.1	7.0	1.0
--	9.3	--	--	--	--	0.1	9.0	7.0	3.5	3.1	16.0
--	0.3	0.4	0.3	4.3	--	--	49.0	1.4	32.2	2.0	--
--	--	--	7.1	--	0.4	--	--	27.4	--	4.0	--
1.1	--	21.4	--	2.2	13.0	--	--	20.1	4.3	0.1	--
--	2.0	7.2	--	7.2	--	--	--	6.0	--	1.3	--
--	0.3	8.0	8.0	28.0	15.2	--	9.4	--	0.2	7.0	--
0.2	--	20.1	8.2	0.3	--	3.4	--	8.0	0.1	--	---
--		--	4.3	--	0.4	2.0	9.0	34.0	31.0	--	50.0
--		--	1.1	--	--	2.2	--	8.1	10.0	5.0	--
3.0		51.0		0.1		22.0	--		5.0		--
44.0	206.3	198.5	156.4	282.7	261.8	277.0	176.7	231.2	287.3	196.0	85.3
13	20	20	25	24	19	22	19	22	25	27	4

Total de días lluviosos: 240 **TOTAL DEL AÑO** 2.493.2 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Santa Bárbara - Antioquia ALTURA 1.750 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	10,0	--	15,0	20,0	6,0	--	15,0	--	--	70.0	--
2	--	12,0	15,0	--	10,0	--	--	32,0	--	--	15,0	--
3	--	10,0	--	10,0	2,0	--	--	--	--	--	--	--
4	--	8,0	--	--	30,0	20,0	--	--	--	--	70,0	--
5	--	10,5	--	12,0	--	20,0	--	--	--	--	11,0	--
6	--	--	12,0	--	6,0	--	--	--	--	15,0	7,0	--
7	--	--	--	--	20,0	--	--	--	--	9,5	--	--
8	12,0	--	10,0	--	15,0	30,0	--	19,0	--	--	2,0	--
9	--	11,0	--	4,0	40,0	--	10,0	20,0	--	--	20,0	--
10	--	4,0	4,0	--	30,0	20,0	16,0	15,0	17,0	15,0	--	--
11	--	6,0	6,0	10,0	2,0	--	--	--	18,0	--	30,0	--
12	9,0	20,0	28,0	10,0	--	14,0	--	--	--	60,0	20,0	--
13	--	3,0	10,0	--	15,0	15,0	13,0	20,0	--	10,0	40,0	--
14	--	--	9,0	--	10,0	--	11,0	--	15,0	--	15,0	--
15	--	--	--	--	19,0	--	--	--	--	--	4,0	--
16	--	--	--	--	--	--	--	--	--	54,5	39,0	17,0
17	--	--	4,0	5,0	20,0	--	20,0	--	20,0	6,5	--	--
18	--	15,0	--	15,0	15,0	--	18,0	--	--	--	17,0	--
19	--	24,0	--	--	--	--	--	--	--	--	--	--
20	--	20,0	--	5,0	--	--	25,0	37.0	60,0	8,5	--	--
21	--	4,0	10,0	--	--	--	--	14,0	--	--	10,0	--
22	--	4,5	10,0	--	30,0	--	20,0	--	--	10,0	24,0	--
23	--	--	--	10,0	--	--	--	34,0	21,0	40,0	15,0	--
24	--	--	--	--	--	10,0	--	--	15,0	--	--	--
25	--	13,5	15,0	20,0	--	--	--	--	25,0	2,0	25,0	--
26	--	--	--	--	--	--	--	--	12,0	--	--	--
27	6,0	--	20,0	--	50,0	--	30,0	12,0	--	--	--	30,0
28	--	--	--	20,0	--	--	--	--	--	10,0	--	30,0
29	--		--	10,0	--	--	17,0	--	20,0	30,0	--	15,0
30	--		--	30,0	--	--	15,0	--	--	--	--	10,0
31	--		10,0		--		20,0	--		--		--
Suma Mensual	27.0	175.5	163.0	176.0	334.0	135.0	215.0	218.0	223.0	271.0	434.0	102.0
Dias Lluviosos	3	16	14	14	17	8	12	10	10	13	18	5

Total de días lluviosos: 140 TOTAL DEL AÑO 2.473.5 m.m.

ESTACION Sonsón (Carmelitas) - Antioquia ALTURA 1.680 m

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
					3,0	--	--	--	3,5	7,0	--
					4,3	1,5	--	--	2,3	11,6	9,2
					2,5	--	7,0	--	2,5	40,0	11,6
					10,1	--	28,2	--	--	4,9	--
					--	--	--	--	5,6	29,8	--
					--	1,5	--	--	4,3	19,4	--
					--	--	4,5	--	19,1	9,8	--
				18,5	10,6	8,5	8,7	--	10,0	--	
				8,3	3,5	--	11,7	22,5	7,0	--	--
				6,2	10,6	0,2	--	--	--	23,3	--
				3,0	33,6	--	--	--	6,5	16,5	--
				4,6	20,2	12,7	1,0	--	33,4	--	--
				5,3	2,5	0,2	2,0	--	--	--	--
				17,0	--	--	48,5	--	--	--	--
				0,6	6,0	7,3	--	--	11,2	--	--
				11,5	3,0	--	--	--	15,5	--	--
				23,5	--	--	--	11,5	7,6	--	--
				5,0	--	8,6	5,0	14,0	--	--	--
				0,5	1,0	10,5	--	13,6	--	--	--
				--	--	36,8	--	--	--	--	--
				--	--	12,5	8,6	--	9,0	24,2	--
				--	--	--	11,7	--	4,0	19,9	--
				--	--	--	--	6,0	59,2	--	--
				--	--	0,5	6,5	--	--	8,2	--
				0,2	--	7,0	9,6	--	--	4,7	--
				0,3	7,2	--	--	24,0	27,0	9,0	--
				0,3	--	--	33,6	13,0	25,0	--	--
				4,5	--	0,5	--	--	7,7	--	--
				0,3	9,5	8,0	--	27,3	19,3	--	--
				9,5	--	5,0	--	4,6	47,4	--	--
				0,2		22,2	--		0,6		--
				(119.3)	127.6	143.6	186.6	136.5	327.7	228.3	20.8
				(19)	15	17	14	9	22	14	2

Total de días lluviosos: (112) TOTAL DEL AÑO (1.290.4) m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Támesis (El Cacique) - Antioquia ALTURA 1.520 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1		40.5		--	--	15.4						
2		10.6		15.0	25.8	25.0						
3		--		25.8	15.0	20.0						
4		--		--	40.6	--						
5		--		--	--	--						
6		--		35.4	--	--						
7		30.8		--	35.4	--						
8		15.4		10.0	5.0	10.0						
9		--		40.6	--	--						
10		20.0		--	--	5.8						
11		--		--	--	--						
12		--		20.0	20.4	--						
13		--		--	--	--						
14		10.8		45.6	--	--						
15		--		--	45.8	--						
16		--		--	--	--						
17		--		--	--	15.4						
18		10.6		30.4	30.0	10.0						
19		--		--	--	--						
20		25.0		35.0	15.8	--						
21		--		--	--	--						
22		5.8		--	35.0	30.0						
23		--		--	--	--						
24		15.6		15.8	40.8	--						
25		--		--	--	15.8						
26		50.6		35.0	--	--						
27		5.0		--	10.0	--						
28		--		--	15.4	--						
29				30.0	30.0	--						
30				40.8	15.8	5.8						
31					5.4							
Suma Mensual		240.7		379.4	386.2	153.2						
Dias Lluviosos		12		13	16	10						

Total de días lluviosos : (51) TOTAL DEL AÑO (1.159,5) m.m.

ESTACION Támesis (La Nacional) - Antioquia ALTURA 1.540 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	2.0	16.5	--	12.5	--	10.5	45.5	--	6.0	13.0	--
2	--	1.0	--	--	--	8.0	--	--	--	13.5	18.0	3.5
3	--	2.2	--	--	2.0	32.5	--	--	--	7.5	1.0	6.0
4	--	2.3	--	1.0	6.5	--	--	--	--	--	--	--
5	--	--	--	5.5	46.5	--	2.5	--	--	--	11.5	--
6	2.0	--	16.5	10.5	1.5	--	--	--	--	--	--	--
7	2.5	--	--	10.0	11.5	--	3.0	4.0	--	2.0	2.0	--
8	--	--	20.5	17.0	12.5	13.0	--	12.0	--	7.0	--	--
9	--	37.5	3.5	3.5	2.0	15.5	2.0	15.5	5.5	6.5	2.0	--
10	27.0	3.0	0.5	3.5	12.5	57.5	11.0	--	--	--	17.5	--
11	--	16.5	27.5	10.5	3.5	15.5	--	--	--	20.5	9.5	--
12	--	--	16.5	5.0	1.5	29.5	35.5	--	--	14.5	--	--
13	--	--	16.0	3.5	12.0	2.5	--	--	12.5	2.0	23.0	--
14	--	--	1.5	--	10.5	3.5	25.5	6.5	24.5	25.0	22.5	--
15	--	--	--	1.0	3.5	--	--	--	--	--	1.0	8.0
16	--	--	--	16.5	12.0	--	33.5	--	4.5	19.0	--	75.5
17	--	--	6.5	8.5	16.0	--	23.0	--	10.5	19.5	--	--
18	--	42.5	0.5	--	--	--	6.5	--	17.0	1.0	--	--
19	--	22.5	--	13.5	--	--	16.5	10.0	19.5	--	--	--
20	--	8.3	--	18.5	31.0	--	18.5	9.0	2.5	19.5	2.0	--
21	--	1.5	--	--	--	1.0	10.0	--	2.5	2.5	9.0	--
22	--	1.0	--	--	--	--	---	4.0	2.0	--	1.0	--
23	--	20.0	2.5	--	--	--	--	45.5	--	28.5	--	--
24	--	41.0	--	31.0	--	--	--	--	5.0	--	4.0	2.5
25	--	--	21.5	--	8.5	--	--	--	4.0	--	8.5	4.0
26	--	6.0	--	--	8.5	--	--	--	10.5	--	--	--
27	--	--	--	45.5	16.5	10.5	--	14.5	--	--	--	--
28	--	--	12.5	37.5	--	--	--	--	25.0	--	--	--
29	--		--	5.5	6.5	--	6.0	--	19.5	34.0	--	18.5
30	--		--	4.0	18.0	--	0.5	--	17.5	17.5	--	5.5
31	--		10.5		--		12.0	--		--		22.0
Suma Mensual	41.5	207.3	173.0	251.5	255.5	189.0	215.5	166.5	182.5	248.0	145.5	145.5
Dias Lluviosos	3	15	15	20	22	11	16	10	16	18	16	9

Total de días lluviosos : 171 TOTAL DEL AÑO 2.130.3 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION La Palma - Cundinamarca ALTURA 1.400 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	--	27.8	4.8	--	0.6	--	23.0	--	6.8	--	3.0
2	--	--	1.2	7.2	2.0	--	--	--	--	40.0	5.0	22.4
3	--	--	--	1.6	4.2	4.0	--	29.8	--	0.6	15.0	10.8
4	23.0	--	0.8	33.2	0.6	--	--	--	--	0.6	25.0	--
5	--	--	3.6	8.2	2.0	--	--	2.0	--	2.2	0.6	--
6	--	--	6.2	6.0	6.0	2.4	4.0	--	--	2.3	--	--
7	--	--	--	7.2	50.0	--	0.4	23.0	--	7.0	5.0	--
8	--	--	--	4.0	3.0	--	--	2.0	2.0	4.0	--	56.6
9	--	--	--	0.2	7.0	10.0	15.6	0.4	--	1.0	12.0	3.0
10	--	--	12.6	--	50.6	0.6	12.2	--	2.2	1.4	15.0	--
11	--	--	--	3.2	--	11.4	5.0	--	--	3.0	12.0	3.6
12	--	--	--	--	9.8	--	10.0	--	0.6	57.0	10.0	--
13	--	--	--	14.4	20.0	--	5.0	--	--	3.0	0.6	--
14	--	--	60.2	--	3.6	4.2	--	--	3.0	13.0	0.8	20.0
15	--	--	--	38.2	--	--	15.0	--	--	2.0	15.0	20.4
16	--	--	--	6.2	7.0	0.1	44.6	--	7.4	--	10.0	7.0
17	--	--	1.2	10.8	5.0	--	--	--	--	--	15.0	2.6
18	--	--	10.0	30.8	2.2	--	--	--	6.6	--	2.0	3.4
19	--	--	1.6	14.0	--	--	--	--	12.0	--	0.2	36.8
20	--	--	1.0	23.6	2.2	--	6.0	17.2	3.4	--	2.0	3.0
21	--	--	--	--	0.4	--	10.2	12.6	5.2	--	12.0	--
22	--	41.2	14.0	--	--	2.4	20.2	3.8	5.2	6.2	--	2.0
23	--	--	50.0	0.2	1.0	--	--	7.6	3.0	2.0	13.6	--
24	--	--	3.2	7.8	1.2	--	--	--	2.8	35.0	1.0	3.0
25	--	--	14.0	0.4	--	2.0	--	2.6	5.0	--	7.6	1.0
26	--	--	3.2	--	--	--	--	--	1.8	4.8	0.4	--
27	--	--	--	40.0	--	--	--	4.0	1.8	5.4	--	--
28	--	--	4.8	60.7	4.0	--	--	--	3.0	4.4	13.0	--
29	--		--	3.6	--	--	3.0	--	4.2	--	5.6	1.0
30	--		10.0	1.2	1.6	--	--	--	3.2	23.0	1.4	1.0
31	--		6.0		--		--	--		20.4		3.0
Suma Mensual	23.0	41.2	131.4	329.5	183.4	37.7	151.2	128.0	72.4	245.1	204.8	203.6
Dias Lluviosos	1	1	19	24	21	10	13	12	18	23	25	19

Total de días lluviosos: 186 TOTAL DEL AÑO 1.851.3 m.m.

ESTACION Guaduas - Cundinamarca ALTURA 1.000 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	--	--	14.4	0.4	--	--	--	--	5.6	--	--
2	--	46.4	--	3.2	30.4	--	--	5.0	--	55.2	--	30.0
3	--	13.6	--	4.4	--	--	--	--	--	9.2	--	15.8
4	--	--	--	10.2	8.6	--	--	--	--	--	14.0	--
5	4.0	--	35.6	--	28.2	--	--	--	--	--	--	--
6	--	--	--	14.0	32.0	--	--	--	--	--	--	--
7	15.4	8.0	--	--	24.0	--	20.0	--	--	--	7.2	--
8	8.2	2.4	--	--	--	--	--	--	--	13.0	--	--
9	--	--	13.0	8.4	26.6	--	4.4	--	--	--	--	--
10	7.4	8.6	3.6	4.6	158.6	6.4	--	--	--	--	7.0	--
11	--	1.2	--	7.0	--	10.0	--	--	--	--	34.0	--
12	--	--	28.0	8.6	--	28.6	--	--	--	50.2	--	--
13	--	--	9.6	0.8	2.0	17.4	7.0	--	--	4.0	--	--
14	--	--	3.0	--	6.6	--	--	--	--	--	8.0	5.0
15	--	--	--	--	--	--	25.0	5.2	--	--	--	--
16	--	--	--	--	--	--	--	--	--	7.6	43.6	--
17	--	--	34.0	--	6.4	--	--	--	--	--	10.2	--
18	--	7.4	46.4	--	--	--	--	--	--	2.0	--	2.6
19	--	10.0	--	22.2	--	--	7.6	--	--	--	32.0	6.2
20	--	42.4	--	8.6	--	--	--	3.2	14.4	--	--	--
21	--	17.2	--	12.0	0.6	--	--	--	6.0	--	--	--
22	--	2.2	--	--	--	--	--	--	4.0	--	5.4	--
23	--	1.4	--	--	--	--	--	--	--	14.0	--	--
24	--	--	12.0	8.0	5.2	--	--	--	50.2	16.0	--	--
25	--	--	7.6	--	--	--	--	--	9.4	7.2	--	--
26	--	--	--	--	--	--	--	--	21.4	--	--	--
27	7.0	--	--	--	1.0	--	--	--	--	28.2	--	--
28	--	--	--	44.0	--	--	--	--	--	6.2	--	--
29	--		4.0	8.8	--	--	--	--	8.4	--	--	--
30	3.4		1.6	6.4	--	--	--	7.6	16.8	23.2	--	--
31	--		--		--		--	--		2.6		--
Suma Mensual	45.4	160.8	198.4	187.6	330.6	60.6	64.0	17.8	130.6	244.2	161.4	59.6
Dias Lluviosos	6	12	12	17	14	4	5	4	8	15	9	5

Total de días lluviosos: 111 TOTAL DEL AÑO 1.661.0 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Villeta - Cundinamarca ALTURA 760 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	13.0				--	--	4.0	--	7.6	0.7	0.3
2	7.0	49.5				--	---	1.7	--	5.0	8.0	12.0
3	--	4.0				--	--	--	--	30.0	10.0	11.0
4	--	13.0				--	--	--	--	--	1.5	--
5	10.0	--				--	--	0.2	--	--	--	--
6	--	--				--	30.0	0.4	--	2.3	--	--
7	15.0	17.5				--	9.0	0.1	--	4.3	--	--
8	13.0	6.7				--	6.0	--	0.4	1.7	--	--
9	--	--				5.5	18.0	0.6	--	--	0.3	--
10	--	18.0				2.5	--	0.5	--	--	--	--
11	--	1.0				28.5	--	--	--	--	29.5	--
12	--	--				26.0	--	--	--	3.0	--	--
13	--	--				12.0	--	--	--	2.9	--	--
14	--	--				1.5	--	0.2	--	4.3	10.2	--
15	1.6	--				1.5	7.0	3.4	0.1	0.5	--	2.0
16	--	--			(55.0)	0.5	1.5	--	0.5	--	1.3	--
17	--	--			2.5	--	--	--	--	--	26.0	--
18	--	8.0			2.0	--	--	--	--	--	--	0.5
19	--	15.0			--	--	--	0.2	--	--	0.2	5.0
20	--	8.5			--	--	--	2.0	--	--	--	--
21	14.5	7.0			2.0	--	--	--	6.9	10.8	20.5	17.7
22	--	--			--	--	--	--	9.5	5.2	6.0	--
23	--	--			--	--	--	--	--	1.2	--	--
24	32.0	--			--	2.0	--	--	--	--	0.2	14.5
25	--	--			--	--	--	--	11.2	10.5	2.5	--
26	--	5.5			--	--	--	--	1.9	7.0	--	8.0
27	--	--			3.0	--	--	1.5	--	6.9	--	34.0
28	--	--			--	--	--	--	0.2	--	1.5	0.5
29	--				--	--	--	--	21.8	--	0.2	--
30	15.0				--	--	--	1.7	4.2	16.0	--	0.5
31	2.5				--		--	--		13.0		32.7
Suma Mensual	110.5	164.7			(264.5	80.0	61.6	15.5	56.7	132.1	118.6	138.7
Dias Lluviosos												

TOTAL DEL AÑO _____ m.m.

ESTACION Sasaima (La Isla) - Cundinamarca ALTURA 1.220 m

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
	18.0	--	12.0		0.2	1.0	1.5	--	4.5	8.5	7.0
	7.0	7.0	1.0		0.2	--	3.5	--	8.0	102.0	--
	--	--	--		--	--	0.7	--	7.5	4.0	3.5
	13.0	--	--		--	--	--	--	--	2.5	11.5
	2.0	3.0	--		--	--	--	--	--	24.5	--
	27.0	14.0	8.0		0.2	0.5	--	--	1.5	3.5	--
	39.0	5.0	--		0.6	1.5	4.0	--	6.5	11.5	2.0
	28.0	11.5	--		--	0.5	0.6	--	1.0	6.0	4.5
	--	--	13.0		6.0	1.0	2.2	0.4	--	14.5	1.5
	16.0	--	24.0		--	4.0	--	--	--	34.0	16.5
	--	15.0	17.0		0.1	5.0	--	0.4	--	29.5	8.5
	3.0	40.0	16.0		37.0	0.1	--	--	--	4.5	--
X	--	28.0	14.0		4.0	0.8	--	--	6.0	16.0	22.5
	--	14.0	5.5		3.0	--	0.1	--	3.6	12.5	9.5
	21.0	1.0	8.5		1.0	4.1	1.3	--	2.5	18.0	27.0
	--	--	--		--	0.8	--	--	--	14.5	--
	8.0	--	--	6.5	1.0	--	--	11.0	--	4.5	12.5
	17.0	6.0	--	1.7	0.6	2.0	--	2.0	--	8.0	--
	35.0	13.0	31.5	--	--	0.2	--	--	--	5.5	14.5
	12.0	16.0	--	--	--	4.0	2.2	0.1	--	9.0	--
	22.0	--	--	0.5	--	0.1	--	0.1	--	--	3.5
	18.0	13.0	--	--	--	--	--	16.5	2.5	--	--
	6.0	3.0	--	--	--	2.0	--	0.8	14.5	--	6.5
	2.0	16.5	6.5	--	0.2	--	--	26.0	--	3.5	4.0
	15.0	3.0	--	--	--	--	--	4.0	0.5	1.5	--
	--	--	--	0.1	--	0.1	--	2.0	1.0	--	2.5
	19.0	--	--	2.1	0.2	2.1	--	--	34.3	14.5	--
	--	6.0	--	0.2	0.2	--	--	--	--	12.5	--
		18.0	--	--	--	2.3	--	28.8	2.5	--	--
		32.0	--	--	--	0.8	--	3.5	24.5	2.5	1.5
		7.0		--		3.5	--		5.0		2.5
	228.0	262.0	157.0	(11.1	54.7	36.4	16.1	85.6	125.9	367.5	165.0

TOTAL DEL AÑO _____ m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Albán (El Porvenir) - Cundinamarca ALTURA 1.420 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	5.4	10.3	--	15.2	14.6	--	--	2.1	--	3.4	24.2	--
2	10.2	13.8	--	8.4	18.3	--	11.2	26.5	--	--	12.C	--
3	8.6	14.6	--	5.4	18.2	--	--	--	--	7.2	40.5	95.1
4	--	50.4	5.4	8.2	4.8	--	--	4.1	--	4.2	14.6	52.8
5	18.4	7.5	11.2	3.8	8.5	--	--	7.2	--	6.0	9.5	4.2
6	28.3	8.4	8.4	15.4	--	--	--	5.0	--	--	24.6	--
7	15.0	--	22.8	12.4	--	--	6.0	--	--	--	15.0	--
8	--	--	12.4	4.3	34.4	--	7.1	4.0	--	9.1	10.5	--
9	--	4.8	--	13.2	6.4	1.2	--	4.0	--	11.2	18.4	--
10	12.8	--	---	--	22.0	12.0	7.2	--	--	4.2	21.0	--
11	--	8.4	31.6	13.2	18.3	6.0	8.3	--	--	3.2	14.2	8.7
12	--	7.4	40.2	15.4	7.3	15.2	--	--	--	3.5	15.7	34.2
13	--	--	28.C	14.2	7.2	18.7	5.5	--	--	2.1	17.6	8.4
14	--	--	51.2	6.0	5.2	12.4	3.7	--	4.2	8.0	8.4	--
15	33.6	--	25.4	--	14.C	7.2	4.5	--	3.4	--	24.2	--
16	--	14.2	5.8	18.8	8.7	4.8	4.3	--	3.7	2.4	32.0	--
17	--	4.8	--	54.7	4.2	--	--	--	--	--	--	--
18	5.3	22.4	--	4.3	3.1	--	--	--	--	--	8.5	--
19	--	--	--	28.6	--	--	32.6	--	--	--	14.6	--
20	8.2	8.4	--	--	--	--	--	4.2	--	--	14.8	--
21	20.2	16.2	5.8	--	--	--	--	7.0	--	--	8.4	--
22	8.8	12.8	7.2	14.4	--	--	--	--	--	--	--	--
23	5.7	28.2	4.8	8.2	--	--	7.2	--	14.2	5.2	14.3	--
24	4.2	30.4	14.3	5.2	--	6.0	3.8	--	4.0	34.0	34.0	--
25	--	8.2	--	--	--	--	--	--	3.1	15.3	4.8	40.7
26	8.3	5.0	--	--	--	--	--	--	--	84.2	18.4	18.5
27	4.8	2.3	--	12.0	5.1	--	8.4	--	--	16.3	--	12.3
28	3.7	--	8.3	--	--	--	4.2	--	7.2	24.0	--	5.2
29	--		15.8	--	--	--	6.2	--	13.0	8.5	--	--
30	5.8		8.4	10.3	--	--	6.0	--	--	--	--	--
31	8.3		4.2		--		5.2	--		4.3		--
Suma Mensual	215.6	278.5	311.2	293.6	200.3	83.5	131.4	64.1	52.8	256.3	420.2	280.1
Dias Lluviosos	19	20	19	22	17	9	17	9	8	20	24	10

Total de días lluviosos: 194 TOTAL DEL AÑO 2.587.6 m.m.

ESTACION La Mesa - Cundinamarca ALTURA 1.300 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
	--	4.8	C.4	0.2	23.4	--	--	2.2	--	--	6.4	--
	--	12.4	0.2	--	4.6	--	--	12.6	--	12.4	12.4	--
	0.6	--	--	--	0.2	--	--	--	--	6.8	22.2	--
	--	--	--	18.8	--	6.2	--	--	--	--	42.8	--
	--	16.4	--	26.4	--	--	--	14.4	--	--	22.4	--
	--	3.6	--	0.2	23.6	--	0.7	0.2	--	--	4.2	--
	--	5.4	--	15.2	38.8	4.8	2.6	--	--	--	19.4	--
	--	--	0.6	8.6	10.2	12.4	--	--	--	36.2	46.4	--
	--	16.4	--	6.2	8.4	18.6	--	--	--	0.2	4.6	--
	10.2	4.8	--	33.8	12.2	0.1	0.8	--	--	--	15.4	--
	3.4	15.2	--	0.7	16.7	--	--	--	--	0.8	23.6	--
	0.2	10.4	--	46.4	10.2	4.2	0.1	--	--	0.4	8.2	--
	--	9.C	0.4	2.2	4.6	23.6	4.2	--	--	9.6	36.4	--
	--	0.4	--	4.5	0.2	4.6	--	--	--	16.8	0.4	--
	6.2	32.4	--	--	22.4	--	--	--	--	10.4	--	--
	0.1	0.2	0.8	--	--	--	--	4.3	--	4.6	--	--
	23.8	0.8	--	36.0	--	--	--	8.6	0.3	--	2.4	--
	4.4	25.4	--	0.2	27.6	--	9.8	--	--	--	--	--
	--	0.6	4.6	12.4	4.8	3.2	0.3	4.6	2.6	--	--	--
	--	--	0.2	--	--	--	--	0.4	0.6	--	10.4	0.9
	--	--	--	--	--	--	--	2.8	--	10.4	--	--
	--	--	--	--	--	--	--	--	--	--	--	--
	0.6	12.8	--	22.6	4.2	--	0.5	--	--	--	16.4	--
	--	6.8	--	4.8	--	2.2	--	--	--	--	0.2	--
	--	0.8	--	--	--	--	--	0.3	--	18.2	--	--
	--	--	--	24.2	16.0	--	12.2	--	--	22.6	6.C	--
	--	0.6	12.4	--	--	--	2.2	--	0.4	8.4	32.6	--
	--	17.8	--	0.8	--	6.4	--	0.4	--	--	25.2	--
	--		--	16.8	--	--	14.4	--	2.3	16.4	18.4	14.6
	38.4		--	24.5	9.4	--	--	2.6	4.2	20.6	6.2	22.6
	6.8		22.6		0.2		6.4	4.2		--		--
	94.7	205.6	48.2	310.6	237.7	85.3	54.2	57.6	10.9	195.0	382.6	38.1
	11	21	9	21	19	11	12	13	6	16	23	3

Total de días lluviosos: 165 TOTAL DEL AÑO 1.718.7 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION La Mesa (La Palma) - Cundinamarca ALTURA 1.100 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	76.5	--	22.0	64.5	--	--	1.1	--	10.0	--	--
2	--	32.5	--	42.5	40.5	--	--	9.3	--	--	12.5	12.5
3	--	2.0	--	40.5	--	0.5	--	--	--	--	9.0	4.5
4	--	1.5	--	14.0	24.0	--	--	--	--	--	25.0	--
5	--	22.0	--	6.5	--	7.0	--	--	--	--	14.5	--
6	--	1.8	--	0.3	40.0	--	--	--	--	0.5	8.0	--
7	10.6	16.5	--	--	--	--	--	--	--	20.0	28.0	--
8	11.5	1.0	3.5	10.2	10.0	4.0	4.5	6.0	--	--	--	--
9	--	3.8	35.0	33.5	61.0	--	--	--	--	--	22.0	--
10	4.5	0.3	--	43.6	--	2.7	--	--	--	--	2.0	--
11	--	16.5	--	62.0	18.5	--	--	--	--	5.5	8.5	3.2
12	8.5	--	0.5	6.3	2.0	19.2	--	--	--	4.5	5.5	--
13	15.0	--	1.0	--	4.0	--	--	--	0.5	3.5	46.3	--
14	1.5	--	--	--	--	--	12.5	1.9	57.0	6.0	4.0	--
15	--	--	--	--	--	--	--	--	1.0	16.5	--	--
16	--	6.0	--	16.0	35.0	--	2.2	--	--	--	--	--
17	--	2.5	--	1.5	26.5	10.0	1.2	--	2.2	--	--	--
18	--	20.5	--	14.0	--	--	--	--	--	--	--	10.0
19	1.0	2.0	--	1.5	--	--	--	2.5	--	--	--	25.0
20	0.5	1.5	--	2.5	--	--	--	--	--	--	16.5	--
21	--	18.5	--	3.0	--	--	1.5	--	--	4.5	3.6	--
22	--	5.7	--	--	--	--	--	--	--	8.5	8.6	--
23	--	--	8.2	6.0	--	90.8	--	--	2.5	47.1	4.7	--
24	--	1.5	14.5	--	24.0	--	--	--	--	--	10.0	23.7
25	--	9.0	6.5	--	--	--	--	--	--	--	--	4.0
26	2.0	--	--	--	--	--	--	1.5	--	19.2	--	5.5
27	--	--	5.2	16.0	--	--	--	--	--	20.0	--	--
28	--	--	7.0	--	--	--	--	---	9.5	41.5	--	33.2
29	--		--	15.8	1.5	--	2.3	--	1.3	18.5	--	36.5
30	--		1.3	--	14.0	--	--	--	1.0	20.0	--	--
31	--		16.0		--		--	--		--		--
Suma Mensual	55.0	241.6	98.7	363.7	365.5	44.2	24.2	22.3	81.0	245.8	22877	158/1
Dias Lluviosos	9	20	11	20	14	7	6	6	8	16	17	10

Total de días lluviosos: 145 TOTAL DEL AÑO 1.928.8 m.m.

ESTACION Mesitas del Colegio (Las Granjas) - Cund. ALTURA 1.450 m

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
--	12.4	--	14.3	30.6	8.3	8.3	--	--	12.3	--	--
--	18.6	--	8.4	22.3	10.2	--	--	--	15.2	12.4	--
0.5	14.3	--	30.3	20.6	12.7	--	--	--	12.4	8.1	--
--	12.7	--	26.0	15.8	14.8	--	--	--	--	14.2	--
--	--	5.3	35.4	32.4	12.4	--	5.3	--	--	--	8.3
--	--	7.2	--	15.3	8.5	5.3	10.2	--	--	10.4	--
--	14.3	3.1	--	18.6	11.7	--	--	--	12.3	7.3	--
--	18.3	--	--	8.2	10.3	8.3	8.3	--	6.2	--	--
5.3	--	--	--	8.5	8.6	9.4	--	--	14.3	13.2	--
--	--	4.0	15.4	30.2	5.2	--	--	--	8.0	--	3.0
--	6.2	8.5	14.6	20.5	13.8	--	8.3	--	11.0	3.0	5.2
--	--	5.3	20.8	40.8	12.3	--	5.3	--	6.2	9.3	--
8.3	--	5.3	--	25.6	8.1	8.3	6.2	--	--	--	--
22.4	--	2.0	5.0	28.7	--	5.0	--	--	--	12.3	--
18.3	--	--	--	--	--	--	--	--	--	---	--
--	--	--	--	--	--	--	--	--	--	--	--
--	12.3	--	8.3	--	--	6.2	--	--	--	--	--
--	15.2	--	--	--	--	--	--	5.3	--	--	--
--	15.8	--	--	15.8	8.3	--	6.3	8.2	--	--	--
--	--	--	--	12.4	--	--	--	--	10.3	--	--
--	--	--	5.3	--	3.2	12.3	--	3.0	12.4	--	8.2
--	-	--	12.8	8.4	--	8.3	8.3	--	9.2	--	6.2
--	--	--	--	15.3	5.3	--	--	--	13.0	8.3	9.4
--	--	16.5	--	14.1	--	--	--	6.4	7.3	--	--
2.0	--	14.8	--	--	--	8.3	--	--	4.2	--	--
--	--	--	--	--	8.5	--	--	--	8.3	--	3.0
--	--	--	--	--	--	--	--	--	12.4	--	--
--	--	--	--	--	--	--	--	--	10.3	--	--
6.0		1.6	5.8	--	--	--	--	--	--	--	10.3
--		--	8.3	--	--	--	--	--	9.2	--	--
15.8		15.8		--		15.4	--		8 3		--
78.6	140.1	89.4	210.7	384.1	168.2	95.1	58.2	22.9	204.8	98.5	53.6
8	10	12	14	19	17	11	8	4	20	10	8

Total de días lluviosos: 141 TOTAL DEL AÑO 1.604.2 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Viotá (Atala) - Cundinamarca ALTURA 1.140 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	--	--	14,0	10,0	--	--	19,5	--	32,5	8,0	--
2	--	10,0	--	30,5	8,0	--	--	--	--	5,0	10,5	--
3	--	18,0	--	21,0	21,0	--	--	--	3,0	--	26,0	--
4	--	--	--	8,0	9,5	--	--	2,0	--	--	29,5	--
5	--	48,0	--	--	23,0	--	--	--	--	--	29,5	6,0
6	--	--	--	--	7,0	--	--	2,0	--	3,0	16,0	--
7	4,0	9,0	--	--	--	--	--	--	6,0	--	8,5	--
8	4,0	--	25,0	30,0	26,0	10,5	--	--	--	--	38,0	--
9	--	--	35,0	10,0	14,0	8,0	--	--	3,0	--	62,0	--
10	--	--	--	20,0	--	9,0	7,5	--	2,5	--	63,0	--
11	--	9,0	2,0	42,0	18,0	6,0	--	--	--	--	18,5	--
12	6,0	--	2,0	6,0	20,0	9,0	--	--	--	4,5	21,5	17,5
13	3,0	--	7,0	8,0	--	2,0	2,0	--	--	--	14,0	--
14	4,0	--	--	--	21,0	--	2,5	--	4,0	--	12,5	--
15	--	--	14,0	2,0	18,0	4,0	--	--	1,5	--	--	--
16	--	50,0	--	--	6,0	3,0	1,5	4,0	--	--	--	--
17	--	3,0	--	20,0	62,0	--	--	--	--	5,0	--	--
18	--	34,0	--	9,5	4,0	--	2,0	--	--	--	5,6	11,5
19	--	0,5	--	--	--	--	8,0	2,0	--	--	--	6,0
20	--	0,7	--	6,0	--	--	--	--	--	--	16,0	--
21	--	--	--	--	--	--	--	--	--	--	46,0	--
22	--	--	--	--	--	--	--	--	4,5	--	16,5	--
23	--	2,0	23,5	--	--	1,5	8,0	1,0	--	10,0	50,5	--
24	--	--	16,5	85,5	--	--	2,0	--	6,5	12,0	20,5	--
25	--	2,0	4,0	--	--	1,0	--	--	--	10,0	--	--
26	18,0	24,5	--	--	--	16,0	--	--	--	4,0	--	--
27	4,0	4,5	--	65,0	--	--	--	2,0	--	7,5	--	--
28	--	--	26,0	--	--	--	1,0	--	3,0	20,5	7,5	7,0
29	--		--	24,0	--	--	--	--	7,0	23,5	10,0	3,0
30	--		--	8,0	--	--	7,0	--	--	10,5	--	--
31	5,0		56,5		--		--	--		9,5		49,0
Suma Mensual	48.0	215.2	211.5	409.5	367.5	54.0	59.5	32.5	41.0	167.5	530.0	100.0
Dias Lluviosos	8	14	11	18	15	10	11	7	10	14	22	7

Total de días lluviosos: 147 TOTAL DEL AÑO 2.136,3 m.m.

ESTACION Fusagasugá (Valsálice) - Cundinamarca ALTURA 1.560 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	6,3	--	19,5	10,5	1,6	--	10,1	--	0,1	0,2	--
2	--	11,5	--	3,5	12,5	7,6	--	2,0	0,8	10,5	--	--
3	--	6,5	--	3,0	0,1	--	--	0,8	--	19,4	4,3	0,5
4	--	10,5	--	21,5	4,2	1,5	--	2,3	--	0,1	28,2	--
5	--	0,1	--	9,5	29,0	0,1	--	0,1	--	--	37,8	--
6	--	13,0	--	0,3	1,0	--	1,0	--	--	1,2	1,6	--
7	--	0,5	--	0,5	25,3	0,3	0,1	0,2	0,8	0,8	9,4	--
8	--	5,7	--	31,0	13,2	1,8	--	0,2	--	5,0	31,0	0,5
9	16,0	0,1	--	0,2	0,2	8,7	--	9,0	0,6	0,1	0,1	--
10	--	--	0,1	1,0	52,0	0,3	10,5	2,0	--	--	17,8	0,5
11	--	5,0	0,5	58,7	--	4,8	2,5	--	4,2	--	1,0	--
12	44,0	5,0	2,5	0,5	3,5	0,2	0,3	4,5	0,1	5,9	26,2	--
13	--	0,3	0,5	4,6	13,0	9,4	--	--	--	--	6,0	--
14	4,0	0,4	--	0,1	4,3	--	--	0,2	18,0	8,5	34,0	--
15	--	--	0,5	--	0,1	--	12,0	0,2	2,4	0,1	2,0	--
16	--	--	6,3	--	3,0	9,5	5,0	--	0,1	2,5	--	1,0
17	--	5,2	27,8	--	7,8	0,1	1,5	--	0,2	13,8	3,5	0,5
18	12,0	22,2	0,2	2,0	29,8	--	1,3	0,2	1,0	3,5	0,2	0,4
19	0,2	24,3	1,0	6,5	2,5	0,2	0,3	--	2,2	--	0,6	2,0
20	--	1,1	--	1,5	0,8	0,1	--	5,3	--	--	--	--
21	3,5	0,3	--	2,8	0,1	--	4,5	0,2	--	--	31,5	--
22	--	2,5	--	--	--	--	8,8	--	--	4,0	18,3	--
23	--	--	--	0,1	0,4	2,0	0,1	--	--	3,2	0,1	--
24	--	--	2,5	6,5	0,6	6,0	--	0,2	--	26,8	20,0	--
25	2,0	--	7,4	1,5	--	0,1	--	--	2,6	5,0	1,0	--
26	5,8	--	0,2	0,1	9,3	--	--	0,6	--	--	0,5	--
27	36,0	0,5	0,1	0,5	0,1	--	--	18,2	--	53,3	--	--
28	--	--	--	30,3	1,0	--	--	--	--	5,0	--	--
29	--		--	0,5	--	--	--	--	15,6	10,5	--	31,0
30	--		5,6	0,3	13,8	--	--	--	13,4	8,5	--	20,5
31	--		33,4		5,3		5,8	0,1		--		0,2
Suma Mensual	123.5	131.0	89.6	206.5	244.2	65.3	56.7	63.4	81.3	164.3	377.5	77.1
Dias Lluviosos	9	20	15	20	27	18	14	19	14	22	25	10

Total de días lluviosos: 237 TOTAL DEL AÑO 1.550,9 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Fusagasugá (P. M.) - Cundinamarca ALTURA 1.420 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	--	--	--	7,9	22,7	--	--	--	--	--	--
2	--	--	--	--	18,7	--	--	--	--	16,3	--	--
3	--	3,4	--	--	--	--	--	6,2	--	14,9	--	--
4	--	--	--	41,0	--	--	--	4,5	--	--	5,2	--
5	--	--	--	37,9	5,4	--	--	--	--	11,3	--	--
6	--	--	--	--	--	--	--	--	--	--	6,7	--
7	--	3,7	--	12,4	4,5	4,3	--	--	--	9,6	11,4	--
8	--	--	--	--	5,6	7,9	--	--	--	6,7	76,7	--
9	--	--	--	6,9	5,3	14,6	--	9,7	--	--	16,9	--
10	--	--	--	6,2	10,3	1,9	7,5	--	--	--	36,4	--
11	--	--	12,4	3,5	15,7	57,0	--	--	--	--	51,0	--
12	--	8,5	--	4,6	8,4	--	--	35,0	--	-	11,9	--
13	15,9	9,3	--	--	1,9	2,4	--	--	--	7,6	2,0	--
14	4,7	--	3,6	--	6,2	--	--	--	--	18,5	20,2	--
15	--	--	--	--	--	--	--	--	--	--	9,4	--
16	6,9	--	--	--	7,5	10,0	--	--	--	--	--	--
17	--	15,2	--	--	33,4	--	4,2	--	--	--	--	--
18	--	--	--	--	1,5	10,9	--	--	15,0	--	--	--
19	--	14,4	--	--	2,3	--	--	--	4,5	--	--	--
20	--	--	--	6,4	--	--	--	37,0	--	--	--	--
21	--	--	--	5,3	--	--	7,4	--	--	--	--	--
22	--	10,5	--	--	--	--	3,5	--	--	--	36,9	--
23	--	--	--	--	5,4	--	--	10,9	--	--	50,1	--
24	--	--	--	10,5	--	--	--	--	--	31,9	21,0	--
25	13,3	--	2,3	--	13,3	--	--	--	--	4,9	6,8	--
26	18,5	--	2,3	--	11,5	--	--	--	--	--	--	--
27	23,9	--	--	--	--	--	--	17,0	--	16,5	--	--
28	--	--	--	2,3	2,4	--	--	--	--	--	--	--
29	--		--	--	--	--	--	--	11,5	13,7	--	22,4
30	--		--	--	---	--	--	--	6,3	14,9	--	18,3
31	--		33,4	-	--		2,5	--		36,0		--
Suma Mensual	53,9	62,0	55,0	137,0	166,2	131,7	25,1	120,3	37,3	202,8	363,6	40,7
Dias Lluviosos	6	7	5	11	19	9	5	7	4	13	15	2

TOTAL DEL AÑO _____ m.m.

ESTACION Fusagasuá (Bethania) - Cundinamarca ALTURA 1.380 m

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
3,5	7,0	--	5,5	34,0	8,5	--	3,0	--	--	6,0	--
--	15,0	--	3,0	11,5	--	--	--	--	14,0	2,0	--
--	8,5	--	4,5	--	2,0	--	--	--	20,5	4,5	--
--	3,5	--	35,5	--	2,5	--	--	--	--	8,0	--
--	--	--	13,0	43,5	1,5	--	3,5	--	--	3,0	--
--	2,0	--	5,0	2,0	4,0	--	10,0	--	--	3,5	--
--	7,5	--	19,5	24,5	--	--	--	--	4,5	14,0	--
--	1,5	--	3,0	19,0	6,5	--	2,0	--	1,5	59,0	1,0
1,5	--	--	9,5	--	--	--	8,5	--	--	10,5	--
--	14,0	--	6,0	17,5	10,0	35,0	--	2,0	--	40,0	--
0,5	4,5	--	10,0	11,0	19,0	--	2,5	--	--	7,5	--
--	14,5	2,0	4,0	7,0	--	2,0	1,0	--	0,5	10,0	--
10,5	1,5	--	6,0	9,5	3,0	--	--	--	8,0	23,5	--
4,5	--	--	--	4,5	11,0	--	--	21,0	8,5	38,5	--
6,5	2,0	--	--	10,5	--	8,5	2,0	1,5	21,5	2,5	--
--	--	22,5	--	12,0	2,0	3,5	1,0	--	1,0	1,0	--
--	14,0	7,5	--	10,5	1,0	1,0	--	--	--	--	--
--	1,0	--	--	11,0	--	--	1,0	9,5	6,5	--	7,0
--	17,0	--	10,0	3,0	4,5	2,0	0,5	--	--	--	4,0
--	--	--	3,5	--	12,5	--	4,5	1,0	--	2,0	--
--	4,5	--	--	--	--	--	--	--	--	42,0	--
--	5,0	--	--	--	--	7,5	--	--	4,5	36,5	--
--	--	--	--	41,0	--	--	1,0	--	--	20,0	--
--	--	2,0	4,0	--	--	--	--	--	49,5	15,0	--
7,5	--	7,5	6,0	11,5	2,0	--	--	1,5	--	11,5	1,0
9,0	--	23,0	--	--	--	--	5,0	--	2,0	--	--
--	--	--	--	--	33,5	--	12,0	--	4,0	1,5	--
--	--	--	9,0	7,0	--	--	1,5	--	14,5	--	--
--		--	220	--	7,5	2,0	--	21,0	12,5	--	22,0
--		--	--	2,0	--	--	--	1,5	11,0	3,0	25,0
--		17,5		3,5		1,0	--		13,5		--
43,5	123,0	82,0	159,0	296,0	101,0	62,5	59,0	59,0	198,0	364,0	60,0
8	17	7	19	21	17	9	16	8	18	24	6

Total de días lluviosos : 170

TOTAL DEL AÑO 1.607,0 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Machetá- Cundinamarca — ALTURA 2.100 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	16,3	--	1,2	2,4	5,9	3,4	--	--	10,0	--	--
2	--	4,0	--	--	7,0	5,0	3,4	--	--	19,2	3,5	--
3	--	2,5	--	6,7	--	--	--	--	--	1,8	--	--
4	2,0	0,2	--	--	--	--	--	23,5	4,0	--	--	--
5	--	--	--	17,7	23,5	9,0	--	15,2	2,5	--	--	--
6	--	0,1	--	--	2,5	15,0	--	--	3,8	--	2,4	--
7	--	0,5	--	--	2,5	2,0	--	3,4	--	--	--	--
8	--	--	--	--	9,0	3,0	0,4	4,2	9,0	--	--	--
9	--	1,7	--	8,3	--	9,3	--	9,0	14,5	--	--	--
10	--	--	--	3,5	20,0	5,6	11,5	5,3	2,0	--	--	--
11	0,5	--	--	20,1	10,7	1,0	2,5	--	28,2	--	5,5	--
12	--	1,0	--	--	9,5	--	4,3	--	--	--	2,5	--
13	--	--	--	22,2	12,1	2,5	--	--	--	--	--	--
14	--	14,5	--	--	9,5	4,5	15,7	3,8	--	6,4	36,4	--
15	--	--	--	--	--	--	--	28,5	--	0,5	0,4	--
16	--	--	5,5	--	4,3	8,0	2,5	5,9	--	1,3	--	--
17	--	--	--	5,5	2,8	9,1	9,6	--	--	--	--	--
18	--	--	--	--	15,0	5,6	14,3	--	--	--	--	--
19	--	29,2	--	--	7,0	3,0	1,3	--	--	--	--	--
20	--	1,5	--	--	4,5	0,7	0,7	10,0	--	--	--	--
21	--	2,0	3,2	2,4	--	--	5,7	8,2	--	--	--	--
22	--	12,4	--	11,2	--	--	15,9	--	--	--	4,5	--
23	--	--	--	12,5	6,8	11,3	2,0	9,3	--	--	15,5	--
24	--	--	--	6,2	0,8	0,1	5,4	--	--	--	--	--
25	--	--	--	--	14,0	1,0	2,5	11,7	--	--	11,2	--
26	--	--	--	0,4	2,9	0,6	6,0	--	--	--	--	--
27	--	--	--	7,5	2,5	--	2,4	2,5	--	--	--	--
28	--	--	--	18,5	--	3,5	1,6	--	--	3,0	--	--
29	--		--	19,4	--	4,0	6,3	--	--	19,8	--	--
30	--		--	--	--	1,2	--	--	--	14,2	--	--
31	--		2,6		--		--	15,2		2,0		--
Suma Mensual	2,5	85,9	11,3	163,3	169,3	116,9	117,4	155,6	64,0	79,2	81,9	--
Dias Lluviosos	2	13	3	16	21	23	21	15	7	10	9	--

Total de días lluviosos: 140 — TOTAL DEL AÑO 1.046,3 m.m.

ESTACION Gachetá- Cundinamarca — ALTURA 1.800 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	--	---	10,0	6,0	15,0	6,5	--	1,0	--	--	1,0
2	--	--	--	--	32,0	--	0,2	--	--	10,0	--	2,0
3	--	--	--	--	26,0	--	--	--	--	4,0	--	--
4	6,0	--	--	5,0	3,0	--	--	2,0	4,0	--	--	--
5	--	--	--	12,0	25,0	--	--	30,5	1,0	--	11,0	--
6	--	6,0	--	--	19,0	--	--	4,0	2,0	--	15,0	5,0
7	--	0,2	--	6,0	11,0	--	--	--	1,0	1,0	4,0	14,3
8	--	4,0	5,0	12,0	14,0	23,0	--	1,0	1,0	--	--	12,3
9	--	3,0	8,0	5,0	2,0	12,0	--	11,0	22,0	--	--	0,2
10	2,0	--	--	16,0	26,0	6,0	25,0	4,0	1,0	--	--	--
11	1,0	--	2,0	7,0	--	--	17,0	--	9,0	--	15,0	--
12	--	--	--	6,0	5,0	2,0	2,0	4,0	--	--	11,0	--
13	--	--	3,0	11,0	16,0	7,0	--	8,5	--	--	5,2	--
14	--	--	2,0	2,0	18,0	2,0	2,0	8,0	--	7,2	50,0	--
15	--	--	--	--	0,1	--	--	5,0	--	1,2	5,2	--
16	--	--	--	7,0	1,0	25,0	18,0	4,0	25,0	1,0	--	--
17	--	--	--	2,0	--	10,5	10,5	2,0	--	--	--	--
18	--	4,0	10,0	18,0	--	8,0	10,0	--	1,0	--	--	--
19	--	48,0	--	6,0	14 0	--	1,5	--	--	--	--	--
20	--	4,0	--	12,0	--	0,2	--	15,0	--	--	--	--
21	--	2,0	--	2,0	--	--	5,0	5,0	--	--	3,0	--
22	1,0	1,0	--	--	3,0	1,0	14,0	--	--	--	12,3	0,2
23	--	0,1	--	--	2,0	--	7,0	8,0	--	2,0	2,0	--
24	--	--	--	42,0	--	22,0	--	--	4,0	5,0	35,0	--
25	--	--	--	--	18,0	8,5	4,0	12,0	--	1,0	2,0	--
26	--	--	--	9,0	--	--	--	1,0	--	6,0	--	--
27	--	--	--	--	1,0	6,0	--	11,0	--	26,0	--	--
28	--	--	--	0,2	0,2	--	2,0	--	--	2,0	--	--
29	--		--	24,0	--	1,0	25,0	2,0	--	5,0	--	--
30	--		--	2,0	--	--	2,0	0,1	1,0	35,0	--	--
31	---		0,1		--		--	5,0		--		--
Suma Mensual	10,0	72,3	30,1	216,2	242,3	149,2	151,7	143,1	73,0	106,4	170,7	35,0
Dias Lluviosos	4	10	7	22	21	16	17	21	13	14	13	7

Total de días lluviosos: 165 — TOTAL DEL AÑO 1.400,0 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Pandi (Caracol) - Cundinamarca **ALTURA** 1.700 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	20.0	--	3.2	4 .0	4.0	12.0	8.0	--	6.0	--	--
2	--	28.0	--	3.0	--	3.0	--	2.0	--	--	4.0	--
3	--	12.0	--	5.0	2.0	1.0	2.0	--	--	--	6.0	--
4	--	--	--	40.0	8.0	--	1.2	4.0	--	2.0	12.0	--
5	--	--	--	14.0	3.0	--	--	5.0	--	--	22.0	2.0
6	--	1.0	--	1.0	47.0	--	--	--	--	1.0	24.0	--
7	--	--	--	--	22.0	4.0	--	--	2.0	20.0	74.0	1.0
8	--	--	--	6.0	--	5.0	--	6.0	--	--	1.0	--
9	--	--	--	7.0	11.0	--	5.0	8.0	--	--	12.0	--
10	3.0	7.0	--	10.0	4.0	3.0	--	--	5.0	4.0	3.0	--
11	--	4.0	2.0	4.0	3.0	--	3.0	1.0	--	--	1.0	--
12	5.0	--	3.0	8.0	6.0	12.0	--	--	--	12.0	21.0	2.0
13	4.0	--	6.0	--	10.0	--	--	--	9.0	27.0	30.0	--
14	2.0	--	--	2.2	--	4.0	--	--	10.0	1.0	--	--
15	--	--	--	--	6.0	10.0	--	1.0	--	2.0	5.0	--
16	--	24.0	--	1.0	48.0	--	--	--	3.2	2.0	--	--
17	--	4.0	--	4.0	12.0	--	5.0	--	2.0	4.0	2.0	--
18	--	48.0	5.0	30.0	2.0	--	6.0	--	2.0	--	--	4.0
19	--	--	--	6.0	3.0	5.0	3.0	5.0	3.0	1.0	--	4.0
20	--	1.0	--	4.0	6.0	2.0	--	--	--	--	--	--
21	--	3.0	--	--	--	--	3.0	--	--	3.0	45.0	--
22	--	--	--	--	1.5	--	3.0	--	3.0	6.0	12.0	--
23	--	--	6.0	30.0	15.0	2.0	2.0	4.0	--	8.0	24.0	--
24	13.0	--	10.0	4.0	--	3.0	5.0	--	4.0	10.0	--	--
25	4.0	--	4.0	--	3.0	--	3.0	--	2.0	--	--	--
26	10.0	--	--	--	3.0	--	4.0	8.0	3.0	18.0	--	--
27	--	1.0	--	2.0	--	4.0	--	--	1.0	8.0	--	--
28	--	--	1.0	12.0	2.4	--	4.0	--	16.0	9.0	--	6.0
29	--		3.0	11.0	--	--	--	--	4.0	3.0	--	22.0
30	--		1.0	2.0	4.0	2.0	--	--	1.0	3.0	--	--
31	4.0		32.0		4.0		6.0	--		1.0		8.0
Suma Mensual	45.0	153.0	73.0	209.4	269.9	64.0	67.2	52.0	70.2	151.0	298.0	49.0
Dias Lluviosos	8	12	11	23	24	15	16	11	16	22	17	8

Total de días lluviosos: 183 **TOTAL DEL AÑO** 1.501.7 m.m.

ESTACION Quetame (Monterredondo)-Cundinamarca **ALTURA** 1.300 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	--	--	17.4	1.2	19.0	6.2	--	--	--	--	--
2	2.2	--	--	--	1.3	13.2	17.0	--	--	50.0	2.4	8.0
3	19.6	17.0	--	--	--	--	--	--	5.2	6.0	3.8	--
4	--	--	--	6.2	--	22.4	--	25.2	--	--	--	--
5	--	--	--	--	30.0	23.0	--	9.0	--	--	--	1.2
6	--	--	--	--	14.6	6.4	1.4	9.4	--	--	--	3.6
7	4.2	--	--	--	10.2	5.6	--	11.4	20.0	3.0	9.5	7.4
8	1.0	2.4	4.0	--	6.4	27.0	8.0	--	--	5.0	14.2	20.4
9	--	--	3.2	5.0	--	--	2.0	12.0	25.4	--	0.2	--
10	8.2	6.6	--	--	3.2	--	21.2	7.0	--	--	--	--
11	--	--	--	4.4	3.3	6.3	5.2	--	20.0	1.0	2.0	1.2
12	--	3.0	--	--	2.8	14.4	--	10.0	--	--	2.2	--
13	--	--	--	19.2	14.0	8.2	3.0	15.2	--	4.2	--	--
14	--	--	--	--	52.2	--	--	15.0	--	--	26.0	--
15	--	--	--	6.6	--	20.0	--	15.0	--	1.6	--	--
16	--	--	9.4	--	4.0	23.2	--	--	24.0	5.0	1.0	--
17	--	--	5.0	7.2	8.0	10.3	--	4.4	--	--	6.6	--
18	--	--	--	--	12.4	2.2	--	5.0	--	10.2	--	--
19	--	54.6	--	--	26.2	--	--	19.0	7.4	--	--	--
20	--	5.0	--	23.0	22.6	--	--	4.0	--	--	--	--
21	--	--	--	5.0	7.6	14.4	19.4	--	--	--	10.0	35.0
22	--	--	--	5.0	--	2.2	32.6	--	--	--	6.0	--
23	--	--	--	7.4	22.0	10.6	20.0	35.0	--	7.0	--	--
24	--	--	--	4.4	10.0	3.4	6.6	--	5.8	2.8	5.2	--
25	--	--	--	--	--	7.8	--	--	26.4	--	--	--
26	--	--	--	9.0	--	--	--	--	--	--	--	--
27	--	--	5.0	--	--	--	--	--	--	0.4	5.6	--
28	--	--	--	24.4	--	8.2	--	26.2	--	--	--	--
29	--		--	--	14.4	6.8	24.8	6.0	--	--	--	--
30	--		--	5.6	8.5	--	8.0	14.2	--	8.4	--	--
31	--		7.4		3.4		10.4	--		2.0		--
Suma Mensual	35.2	88.6	34.0	149.8	284.2	257.2	185.8	243.0	143.2	106.6	94.7	76.8
Dias Lluviosos	5	6	6	15	22	21	15	18	8	14	14	7

Total de días lluviosos: 151 **TOTAL DEL AÑO** 1.699.1 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Aguadas (Guaymaral)- Caldas ALTURA 1.450 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	30.0	--	20.0	50.0	--	6.0	--	--		10.0	--
2	--	18.0	--	19.0	13.0	--	--	26.5	--		13.0	--
3	--	50.0	--	2.0	--	--	--	--	--		--	--
4	--	4.0	--	1.5	--	15.0	--	--	--		9.0	--
5	--	--	--	--	50.0	--	--	--	--		6.5	--
6	5.0	--	--	--	4.0	--	--	--	--		12.0	--
7	13.0	2.0	--	--	20.0	--	--	22.0	--		--	--
8	11.5	--	12.5	--	4.5	4.0	--	--	13.5		--	--
9	--	--	--	--	--	--	--	6.0	--		--	--
10	--	5.5	5.0	26.0	--	50.0	16.0	--	--		18.0	--
11	--	12.0	7.0	7.0	--	26.0	--	--	--		50.0	--
12	--	--	2.0	6.0	--	33.0	9.0	--	--		14.0	--
13	--	--	--	--	46.0	--	--	--	9.5		32.5	--
14	--	--	--	--	24.0	--	13.0	--	6.0		--	--
15	--	--	--	4.0	--	--	--	--	--		--	--
16	--	--	--	--	25.0	--	26.0	--	--		--	16.5
17	--	--	8.0	--	11.5	--	--	--	--		--	--
18	--	--	38.5	--	--	--	6.0	--	30.0		--	--
19	--	19.5	--	8.0	--	--	--	--	8.0		--	--
20	--	29.5	--	4.0	--	2.0	13.5	26.5	12.0		--	--
21	--	11.0	--	--	--	--	20.5	27.0	--		11.0	--
22	--	13.0	--	--	--	--	--	--	3.0		23.0	--
23	--	14.0	--	--	--	--	--	10.0	--		--	--
24	--	6.0	--	6.5	--	--	--	--	--		--	--
25	--	--	12.0	--	6.0	--	--	42.5	9.0		--	--
26	2.0	--	--	--	--	--	--	--	38.6		--	--
27	16.0	--	--	5.0	26.5	--	--	--	9.0		--	--
28	--	--	11.5	26.0	--	--	--	--	--		--	--
29	--		--	46.0	14.0	--	19.0	--	16.0		--	20 0
30	--		--	8.5	--	--	4.0	--	--		--	32.5
31	--		--		--		32.5	--				--
Suma Mensual	47.5	208.5	96.5	189.5	296.5	130.0	159.5	160.5	154.0	235.0	207.5	69.0
Dias Lluviosos	5	13	8	15	13	6	11	7	11		12	3

TOTAL DEL AÑO_____ m.m.

ESTACION Salamina (Llanadas) - Caldas. ALTURA 1.500 m

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
--	23.8	--	4.5	25.5	--	5.0	--	--	2.0	10.2	--
--	--	--	17.5	--	4.7	8.5	--	--	--	2.0	19.0
--	--	--	--	--	3.0	--	--	--	2.0	4.3	1.5
--	9.0	--	--	3.0	18.0	--	--	--	--	2.0	--
--	2.3	--	17.0	2.0	--	--	--	1.0	--	26.0	--
1.0	6.0	28.5	1.2	2.3	--	1.0	2.0	--	--	26.0	--
1.4	--	--	3.5	30.0	--	--	11.8	--	1.3	9.8	--
3.3	--	5.0	41.3	6.0	6.0	--	10.5	4.5	3.7	1.0	--
--	22.8	--	--	2.0	2.8	--	--	--	1.0	7.5	--
11.5	--	10.5	4.7	4.2	13.0	17.5	3.0	--	--	9.7	--
--	25.2	41.5	38.8	--	15.0	--	--	1.5	20.0	2.0	--
3.0	--	69.2	1.7	--	8.7	3.0	--	5.0	19.5	8.4	--
--	--	--	7.2	11.8	11.0	--	--	--	5.0	12.4	--
--	--	9.0	--	11.0	15.8	14.5	--	--	16.3	16.5	1.5
25.3	--	--	--	4.0	--	--	2.0	1.0	--	--	8.6
5.3	--	--	--	6.0	1.0	16.5	--	--	2.0	--	35.3
--	--	17.5	9.0	49.5	--	20.0	--	1.0	8.0	--	--
8.3	12.7	--	--	--	--	17.0	--	7.3	5.5	--	--
--	21.0	11.2	4.3	--	--	--	41.5	8.9	1.0	--	28.3
--	28.0	--	25.5	13.0	--	9.0	5.8	--	--	--	--
--	30.0	--	3.5	--	--	--	--	--	--	14.0	--
--	8.3	--	--	--	--	--	--	8.9	--	8.0	--
--	--	--	--	2.0	--	--	6.0	--	6.0	1.8	--
--	--	--	53.0	--	--	--	--	32.0	--	35.0	--
16.0	25.5	30.0	--	--	2.0	--	--	4.0	--	--	6.2
43.2	8.5	--	--	7.4	--	--	--	4.5	36.0	--	--
39.3	--	--	6.0	--	36.3	--	--	--	1.0	1.2	--
--	--	--	5.8	--	--	--	7.0	4.5	1.0	6.0	--
--		--	--	4.2	4.8	8.0	--	--	40.0	--	86.5
--		3.5	--	--	2.0	--	6.5	--	16.2	--	23.7
12.0		--		--		15.0	--		6.5		0.7
169.6	211.1	225.9	244.5	183.9	142.1	135.0	90.1	84.1	194.0	203.8	211.3
12	13	10	17	17	15	12	10	13	20	20	10

Total de días lluviosos : 169 TOTAL DEL AÑO 2.101.4 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Manizales (Normandía) - Caldas ALTURA 1.900 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	12,5	--	29,0	11,0	--	9,5	2,5	--	--	12,0	
2	--	3,0	--	4,0	--	--	13,5	2,5	--	--	9,0	
3	--	26,0	--	9,0	5,0	--	5,0	--	--	3,0	14,0	
4	--	30,5	--	--	4,0	--	--	--	--	--	9,0	
5	--	--	--	--	3,5	3,0	--	2,0	--	2,0	36,5	
6	--	--	2,0	14,0	6,0	--	4,0	--	--	--	31,5	
7	8,0	4,0	--	7,0	14,0	12,5	--	3,5	--	5,0	7,5	
8	--	5,0	5,5	38,0	16,0	4,0	2,0	--	--	--	9,0	
9	--	8,0	2,0	24,0	39,5	8,0	--	--	--	5,0	--	
10	--	7,5	4,0	22,5	4,0	7,0	3,0	--	--	2,0	5,5	
11	--	5,5	12,5	9,5	--	11,5	5,0	4,5	--	2,0	47,0	
12	--	2,0	11,0	5,0	5,0	9,0	3,0	--	--	7,5	14,5	
13	--	--	14,0	3,0	2,0	8,5	2,0	7,5	--	6,0	15,0	
14	--	--	2,0	--	5,0	5,0	9,5	--	3,5	4,0	17,5	
15	5,5	2,0	3,0	--	2,0	2,0	6,0	5,0	--	1,0	--	X
16	5,0	3,0	11,5	--	--	--	7,0	--	3,0	16,0	--	
17	1,5	5,0	3,0	--	3,0	--	4,0	4,0	5,0	18,0	--	
18	1,0	9,5	--	--	2,0	--	7 0	3,0	10,5	10,0	--	
19	0,5	7,5	--	25,5	3,0	--	3,0	9,0	4,5	4,0	--	
20	--	10,0	--	6,0	1,0	--	34,5	--	5,0	3,5	--	
21	--	14,0	--	4,0	--	--	7,5	--	2,0	--	6,0	
22	--	9,0	--	--	--	9,0	2,0	--	--	4,0	3,0	
23	--	--	--	--	--	8,5	--	--	--	33,5	--	
24	2,0	2,0	--	5,0	--	2,0	--	--	--	13,0	4,5	
25	4,0	--	51,5	--	--	--	--	--	2,0	--	4,0	
26	--	28,5	39,5	4,0	--	--	--	--	2,0	5,0	2,0	
27	13,5	--	--	9,0	3,0	--	--	12,5	--	3,5	--	
28	--	--	27,5	10,0	12,0	--	--	3,0	--	7,0	--	
29	--		--	25,0	1,0	--	2,5	--	4,0	25,5	--	
30	--		2,0	9,5	5,0	--	3,5	--	--	20,5	--	
31	4,0		--	--	--		4,0	--		10,0		
Suma Mensual	44.0	194,5	190.0	263.0	147.0	90.0	137,5	59.0	41,5	231.0	249,5	
Dias Lluviosos	10	20	15	20	21	13	21	12	10	24	18	

TOTAL DEL AÑO ____ m.m.

ESTACION Santa Rosa de C.(Villa Nubia) - Caldas ALTURA 1.375 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre
1	4,5	27,5	--	--	38,0	--	--	5,0	4,5	12,5		
2	--	8,5	--	--	--	8,5	1,0	14,5	--	--		
3	20,0	3,5	--	8,5	2,5	12,5	2,0	--	--	--		
4	--	0,5	--	--	4,5	2,0	--	--	--	35,3		
5	--	52,0	2,5	16,0	50,0	--	40,0	9,5	--	--		
6	--	3,5	2,0	8,5	--	20,0	1,0	--	--	6,5		
7	3,0	34,5	--	25,0	48,5	26,0	--	12,0	--	2,5		
8	--	--	4,5	--	8,0	20,0	--	5,0	--	25,0		
9	--	8,5	--	--	10,0	2,5	30,0	4,5	--	--		
10	13,5	3,5	5,0	20,5	13,0	32,5	11,0	--	--	--		
11	--	3,5	10,0	43,0	--	24,0	5,5	--	--	36,5		
12	--	--	4,0	--	--	13,0	10,5	--	--	--		
13	--	--	2,5	--	11,0	1,5	--	--	4,9	--		
14	--	--	21,5	--	8,5	--	5,0	5,5	--	46,5		
15	5,0	--	--	3,0	3,0	--	5,5	--	--	12,0		X
16	8,5	--	18,5	--	16,0	3,5	11,5	--	8,5	--	X	
17	--	8,5	--	5,0	12,0	--	--	--	--	--		
18	--	12,0	7,5	--	--	--	44,0	5,5	5,0	16,0		
19	14,0	14,5	2,5	12,0	--	--	--	8,5	27,0	--		
20	--	7,5	--	49,5	26,0	--	11,5	--	--	--		
21	--	2,5	--	--	--	--	5,5	--	4,5	4,5		
22	--	3,5	--	--	--	5,5	--	--	4,5	--		
23	--	--	--	--	31,5	--	--	--	--	34,5		
24	--	5,5	--	32,0	--	--	--	--	20,0	--		
25	9,0	--	38,0	--	50,0	--	--	50,0	30,5	--		
26	--	50,0	--	6,0	20,0	4,0	8,5	--	--	10,5		
27	32,0	--	--	9,5	26,5	1,0	--	50,5	--	16,0		
28	--	--	46,0	8,0	14,0	--	2,0	--	--	--		
29	--		26,5	2,5	23,5	10,0	3,5	--	--	43,0		
30	16,0		--	--	35,0	--	2,5	15,0	--	20,0		
31	20,0		0,5		--		18,5	--		--		
Suma Mensual	145.5	249,5	191.5	249.0	453.5	188,5	219,0	184,5	109,4	321.3		
Dias Lluviosos	11	18	15	15	21	16	19	12	9	15		

TOTAL DEL AÑO ____ m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Marsella (Escuela Vocacional) - Caldas ALTURA 1.700 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	13.0	--	5.6	48.0	--	3.0	30.5	--	--	--	4.2
2	--	5.2	--	1.0	--	--	4.0	--	--	0.2	--	0.9
3	15.9	--	--	11.3	--	11.0	0.9	--	--	3.0	6.5	8.0
4	3.9	20.7	1.5	2.3	--	16.5	--	--	--	--	4.2	--
5	0.8	14.0	--	3.2	0.1	0.2	6.9	10.2	--	--	6.3	--
6	--	--	1.4	1.3	--	--	3.7	48.0	9.7	--	--	--
7	0.2	4.5	2.5	10.5	17.0	--	--	--	7.5	--	4.2	--
8	--	--	65.5	3.2	2.5	--	12.3	5.2	--	4.7	19.3	--
9	0.8	8.0	14.8	2.5	21.8	2.2	--	2.0	--	--	3.0	--
10	15.0	3.8	5.2	5.2	1.5	--	4.1	--	--	--	10.7	--
11	--	19.5	15.0	6.9	--	2.0	18.4	--	8.2	--	9.0	--
12	--	--	2.5	10.0	1.0	--	2.0	--	--	16.7	2.0	--
13	2.3	--	--	12.4	--	3.0	1.2	--	--	--	2.8	--
14	--	--	--	9.0	21.6	5.0	7.5	1.0	--	--	3.8	--
15	--	--	12.0	--	--	3.2	12.0	--	--	0.1	2.0	--
16	3.0	--	--	0.8	18.0	2.7	--	--	10.9	51.4	--	20.9
17	--	--	15.5	40.5	25.0	--	6.0	--	--	5.3	--	--
18	--	12.5	--	23.3	--	--	5.0	6.0	6.0	--	--	--
19	--	11.3	--	20.1	31.8	1.5	--	11.0	3.0	2.3	--	0.9
20	--	3.2	--	2.0	33.3	--	26.5	11.5	1.5	1.2	--	--
21	0.8	1.8	--	3.5	6.5	--	100.2	--	13.5	1.3	--	2.5
22	--	5.9	--	--	--	1.0	--	--	0.8	--	4.8	--
23	2.8	2.0	--	--	3.5	--	--	--	2.3	18.3	5.0	2.0
24	12.3	21.5	--	22.5	4.4	2.5	--	--	60.3	4.8	8.3	--
25	18.0	--	20.0	2.0	--	1.0	--	--	49.5	--	7.0	--
26	9.0	22.3	16.5	2.0	30.0	--	--	--	--	4.2	3.4	--
27	8.4	2.8	--	60.5	18.8	2.0	--	50.1	--	--	--	--
28	0.8	--	33.5	16.0	--	--	--	--	--	--	4.0	--
29	--		50.6	21.7	2.0	--	3.5	--	--	5.6	--	8.0
30	--		11.2	0.2	17.2	2.7	--	--	15.0	41.4	--	4.8
31	18.2		20.3		--		5.0	--		3.5		--
Suma Mensual	112.7	172.2	289.4	303.1	304.0	56.5	223.3	175.5	188.2	169.0	106.3	52.2
Dias Lluviosos	16	17	16	27	19	15	18	10	13	16	18	9

Total de días lluviosos: 194 TOTAL DEL AÑO 2.152.4 m.m.

ESTACION Quimbaya - Caldas ALTURA 1.400 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	--	--	4.0	33.0	--	--	30.0	--	--	--	--
2	--	--	--	6.0	--	31.0	--	--	--	3.0	--	--
3	12.0	8.0	5.0	--	--	--	--	--	--	7.0	5.0	17.0
4	--	--	--	--	27.0	--	--	--	--	25.0	24.0	--
5	10.0	5.0	--	10.0	--	7.0	--	--	--	4.0	29.0	--
6	--	--	15.0	22.0	5.0	--	--	--	--	--	40.0	--
7	--	14.0	--	3.0	3.0	--	--	14.0	--	--	50.0	--
8	--	--	18.0	--	--	--	--	--	10.0	--	--	5.0
9	--	34.0	--	--	45.0	10.0	--	10.0	--	--	--	19.0
10	--	17.0	28.0	48.0	15.0	37.0	34.0	--	--	--	9.0	--
11	--	27.0	--	10.0	--	27.0	--	--	--	2.3	--	--
12	--	--	--	--	32.0	7.0	22.0	--	14.0	--	--	--
13	12.0	--	12.0	17.0	--	4.0	--	--	--	5.0	22.0	--
14	--	--	--	--	--	--	18.0	--	--	--	--	--
15	--	--	8.0	4.0	25.0	--	15.0	--	30.0	--	--	--
16	18.0	4.0	--	--	--	14.0	48.0	--	--	--	--	--
17	--	14.0	--	11.0	4.0	--	--	--	7.0	11.0	--	--
18	--	13.0	25.0	--	--	--	--	--	14.0	--	--	--
19	8.0	33.0	5.0	--	--	--	--	13.0	--	--	--	14.0
20	6.0	48.0	4.0	73.0	5.0	--	7.0	--	21.0	--	--	--
21	--	10.0	6.0	--	--	--	9.0	8.0	--	--	9.0	--
22	--	12.0	--	--	--	--	6.0	--	--	6.0	23.0	32.0
23	19.0	--	--	--	--	--	--	--	12.0	26.0	--	--
24	--	--	6.0	15.0	15.0	--	--	--	--	--	32.0	11.0
25	16.0	--	18.0	--	--	--	--	--	--	14.0	--	10.0
26	7.0	11.0	36.0	20.0	10.0	--	--	--	--	--	--	--
27	--	6.0	44.0	--	--	--	--	--	16.0	--	12.0	--
28	26.0	8.0	62.0	27.0	--	--	--	--	--	13.0	--	--
29	--		42.0	32.0	--	--	--	--	13.0	28.0	5.0	26.0
30	--		12.0	7.0	14.0	--	55.0	--	9.0	52.0	--	18.0
31	10.0		--		--		10.0	--		25.0		--
Suma Mensual	144.0	264.0	346.0	309.0	233.0	137.0	234.0	75.0	146.0	221.3	260.0	178.0
Dias Lluviosos	11	16	17	16	13	8	10	5	10	14	12	10

Total de días lluviosos : 142 TOTAL DEL AÑO 2.537.3 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Belén de Umbría (Taparcal) - Caldas ALTURA 1.359 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	8.0	8.0	2.0	--	5.0	--	--	2.C	--		
2	6.0	14.0	2.0	6.C	6.0	4.0	4.0	--	6.C	--		
3	--	4.0	2.C	4.C	2.0	3.0	8.0	--	--	2.0		
4	--	8.0	8.0	--	4.0	2.0	16.0	2.C	--	4.0		
5	--	26.0	--	4.C	--	--	--	--	4.0	--		
6	8.0	--	4.0	4.0	8.0	--	6.C	30.0	4.0	4.0		
7	--	4.0	--	4.0	--	--	2.0	10.0	--	--		
8	--	--	10.0	6.C	10.0	6.0	4.0	--	6.0	--		
9	--	6.C	--	4.0	30.0	20.0	6.0	18.0	--	--		
10	6.C	--	--	6.0	--	18.0	20.0	--	2.0	--		
11	--	40.0	--	8.C	2.0	2.0	14.0	--	--	--		
12	--	--	2.C	4.0	8.0	10.0	--	--	2.0	--		
13	4.C	8.0	--	2.0	18.0	--	10.0	6.0	--	--		
14	--	--	10.0	10.0	10.0	16.0	--	--	--	2.0		
15	--	--	2.0	2.C	16.0	10.0	6.0	20.0	2.0	--		
16	--	--	--	4.C	--	8.0	8.0	16.0	--	--		
17	--	--	18.0	4.C	8.0	2.0	4.0	8.0	--	4.0		
18	--	46.0	6.0	50.0	4.C	--	--	--	--	--		
19	4.0	30.0	2.0	--	8 0	4.0	20.0	4.0	--	--		
20	--	30.0	--	--	4.0	10.0	2.0	10.0	--	--		
21	--	8.0	--	--	2.0	40.0	6.0	10.0	--	--		
22	--	10.0	--	8.C	4.0	30.C	4.C	8.0	--	6.0		
23	--	20.0	--	4.0	2.0	2.0	30.0	--	--	--		
24	--	28.0	6.C	4.C	--	--	--	--	--	--		
25	--	--	--	10.0	2.0	2.0	--	2.0	--	--		
26	--	--	2.0	4.0	4.0	6.0	6.0	10.0	2.C	--		
27	20.0	--	4.0	8.0	4.0	2.0	--	6.0	--	6.0		
28	2.0	--	--	4.0	2.0	--	46.0	2.0	--	--		
29	12.0		4.0	8.0	10.0	6.0	--	--	--	--		
30	--		2.0	6.0	--	--	50.0	--	--	--		
31	--		8.0		6.0		--	--		--		
Suma Mensual	62.0	290.0	100.0	180.0	174.0	208.0	272.0	162.0	30.0	28.0		
Dias Lluviosos	8	16	18	26	24	22	21	16	9	7		

TOTAL DEL AÑO _____ m.m.

ESTACION Anserma - Caldas ALTURA 1.400 m

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
								3.0	--	8.0	--
								--	3.0	--	14.5
								5.0	20.5	13.2	--
								--	--	--	6.0
								4.2	--	15.3	10.2
								--	--	--	--
								--	--	7.1	--
								--	22.5	--	--
								--	--	13.2	--
								10.3	--	--	16.3
								--	--	9.0	5.0
								--	11.5	--	--
								9.4	--	17.2	18.3
								4.0	--	--	12.0
								12.3	38.0	15.2	--
								--	16.0	--	3.0
								6.0	--	--	11.0
								--	--	--	--
								3.0	--	9.0	--
								--	--	12.0	--
								9.0	--	3.0	13.2
								--	--	14.2	--
								12.0	--	--	9.0
								--	20.0	11.2	12.3
								--	--	17.2	--
								5.1	--	--	--
								--	--	--	8.1
								14.2	38.0	--	10.0
								5.0	28.0	16.3	--
								--	--	--	13.3
									--		--
								102.5	197.5	181.1	162.2
								14	9	15	15

TOTAL DEL AÑO _____ m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Pensilvania (El Suspiro) - Caldas ALTURA 1.250 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	5.0	7.0	--	2.0	10.0	--	3.0	--	--	7.0	--	--
2	--	5.0	--	28.0	2.0	--	--	--	--	13.0	10.0	13.0
3	--	1.0	--	15.0	20.0	3.0	--	--	--	2.0	14.0	--
4	--	5.0	--	13.0	11.0	--	--	--	--	5.0	--	--
5	2.0	4.0	33.0	30.0	25.0	--	--	--	--	--	25.0	--
6	1.0	--	10.0	12.0	18.0	--	15.0	--	--	--	2.0	--
7	5.0	--	--	3.0	56.0	16.0	--	--	--	5.0	10.0	--
8	23.0	1.0	--	9.0	15.0	4.0	--	5.0	--	55.0	11.0	--
9	10.0	26.0	1.0	33.0	10.0	22.0	--	--	48.0	12.0	5.0	--
10	--	10.0	--	17.0	19.0	26.0	18.0	51.0	--	--	24.0	--
11	6.0	16.0	31.0	15.0	57.0	13.0	--	--	25.0	13.0	13.0	--
12	--	1.0	80.0	6.0	42.0	--	4.0	--	--	14.0	56.0	--
13	3.0	--	40.0	5.0	23.0	--	--	--	--	7.0	5.0	--
14	--	---	62.0	15.0	3.0	4.0	10.0	70.0	9.0	5.0	22.0	15.0
15	25.0	--	4.0	--	--	--	--	50.0	24.0	--	--	--
16	--	--	5.0	--	3.0	--	35.0	--	15.0	--	2.0	30.0
17	--	25.0	4.0	5.0	71.0	--	--	--	--	--	5.0	5.0
18	--	49.0	17.0	4.0	8.1	--	11.0	--	--	--	--	1.0
19	--	35.0	4.0	5.0	--	--	4.0	51.0	37.0	--	--	--
20	--	3.0	3.0	12.0	--	--	--	14.0	7.0	--	3.0	2.0
21	--	3.0	--	--	--	--	--	--	3.0	10.0	15.0	--
22	--	19.0	17.0	--	--	--	--	--	--	59.0	10.0	--
23	--	23.0	--	26.0	--	--	--	6.0	--	10.0	13.5	--
24	3.0	2.0	31.0	42.0	--	--	--	7.0	10.0	25.0	--	--
25	--	5.0	3.0	--	--	--	--	--	7.0	8.0	3.0	35.0
26	--	20.0	--	--	--	--	--	--	40.0	5.0	--	--
27	32.0	2.0	3.0	20.0	--	14.0	1.0	15.0	--	--	--	--
28	31.0	6.0	23.0	51.0	--	--	--	--	--	--	--	12.0
29	10.0		44.0	10.0	2.0	6.0	--	--	5.0	10.0	--	2.0
30	1.0		3.0	20.0	4.0	--	11.0	--	9.0	52.0	--	8.0
31	1.0		6.0		--		--	--		25.0		20.0
Suma Mensual	158.0	268.0	384.0	395.0	399.0	108.0	112.0	269.0	239.0	342.0	248.5	143.0
Dias Lluviosos	15	22	21	24	19	9	10	9	13	20	19	11

Total de días lluviosos: 192 TOTAL DEL AÑO 3.065,5 m.m.

ESTACION Félan (Palocabildo) - Tolima ALTURA 1.100 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	7.9	33.4	--	0.2	7.8	--	0.1	39.5	--	1.3	4.0	--
2	0.2	0.5	11.5	4.5	5.9	--	--	2.1	0.6	31.9	2.4	--
3	2.6	--	0.1	6.3	6.6	--	--	0.2	--	1.9	53.9	0.2
4	23.1	--	--	0.4	12.4	16.2	--	0.7	--	8.0	7.9	--
5	25.6	--	0.5	1.2	18.1	1.4	--	--	--	--	31.2	0.5
6	1.3	--	87.5	1.6	38.1	--	2.5	--	0.1	9.1	5.0	1.2
7	3.9	--	2.2	24.9	12.6	--	21.2	--	0.2	19.1	25.6	--
8	16.3	--	40.5	3.4	3.4	25.5	0.1	4.7	--	28.1	51.6	1.8
9	--	--	40.9	28.6	8.2	1.6	0.6	0.3	59.8	0.2	--	--
10	3.4	--	8.6	42.1	47.2	23.4	33.9	--	0.2	0.1	20.2	--
11	8.1	--	19.6	27.4	0.6	35.1	0.2	--	32.6	36.8	7.9	4.6
12	0.2	--	38.3	26.2	3.2	6.0	0.5	--	0.2	0.8	7.8	--
13	--	--	54.7	11.6	22.6	0.4	0.7	36.3	0.1	22.1	17.3	--
14	--	--	34.8	0.4	4.2	--	0.4	3.0	23.2	5.6	73.3	0.4
15	12.1	--	0.5	8.7	0.2	1.7	0.6	3.0	2.6	0.2	2.6	--
16	0.1	--	8.4	--	0.9	0.7	12.9	1.4	0.8	3.4	0.8	0.6
17	--	0.9	--	8.6	19.8	--	0.1	--	1.3	--	9.9	8.4
18	0.4	13.6	33.5	--	4.1	--	25.0	--	--	3.2	--	26.8
19	0.1	19.7	--	10.4	4.5	--	0.4	--	51.0	--	1.3	0.1
20	--	1.3	--	23.3	--	--	16.8	--	31.1	--	0.6	3.2
21	--	12.3	3.4	0.1	--	--	11.8	--	15.5	--	15.8	--
22	--	24.6	1.2	9.6	--	--	--	0.1	0.5	12.5	17.1	--
23	--	1.4	--	14.1	1.3	--	--	--	--	50.9	0.8	--
24	0.4	17.2	1.5	16.9	0.7	--	--	3.9	67.8	18.6	--	--
25	--	--	15.6	0.4	0.2	23.6	--	--	0.4	14.8	6.5	46.2
26	10.2	1.2	1.6	3.9	0.2	13.2	--	--	29.6	2.5	0.1	--
27	24.1	--	10.5	--	--	10.5	--	--	2.8	2.6	--	--
28	18.7	12.2	10.8	26.0	--	9.1	--	--	0.6	14.0	--	0.6
29	--		--	1.5	--	22.6	38.1	--	2.5	12.5	--	27.0
30	1.1		50.1	5.9	4.6	0.1	13.1	0.1	--	22.0	--	1.0
31	0.2		2.9		0.1		11.2	--		3.3		22.4
Suma Mensual	160.0	138.3	493.3	318.2	227.5	182.1	198.2	95.3	324.4	331.5	352.6	151.2
Dias Lluviosos	21	12	24	27	25	16	20	13	22	26	23	16

Total de días lluviosos: 245 TOTAL DEL AÑO 2.972,6 m.m.

PRECIPITACION DIARIA

ANO 1.9 6 3

ESTACION Icononzo (Balsora) - Tolima ALTURA 1.780 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	--	--		18.0	4.8	6.4					
2	--	--	--		22.4	14.8	--					
3	--	41.4	--		25.0	--	--					
4	--	65.8	--		18.4	--	--					
5	--	--	--		29.4	--	--					
6	--	--	--		54.6	8.2	--					
7	--	--	--		12.2	--	--					
8	--	--	15.0		19.4	20.4	--					
9	--	6.4	20.8		45.6	24.4	--					
10	19.8	11.4	11.4		50.0	2.2	17.0					
11	39.8	--	22.4		30.4	8.4	15.6					
12	21.4	4.2	--		31.4	20.8	8.2					
13	8.4	--	--		59.0	40.2	--					
14	--	--	20.4		44.0	--	8.4					
15	--	--	10.2		54.0	--	8.2					
16	--	--	16.4		41.0	--	--					
17	--	34.8	--		48.2	--	17.4					
18	--	29.0	37.4		60.4	--	--					
19	--	140.6	--		20.2	--	10.8					
20	--	--	--		11.4	12.6	--					
21	--	--	--		--	16.8	--					
22	--	12.6	--		--	--	25.0					
23	--	--	--		20.8	4.2	17.4					
24	--	--	24.6		29.0	--	--					
25	--	9.0	31.6		17.6	--	--					
26	30.8	--	--		--	--	--					
27	103.0	--	--		19.8	--	10.0					
28	--	--	--		---	--	--					
29	--		12.4		--	--	--					
30	--		--		--	--	--					
31	--		--		10.2		4.2					
Suma Mensual	214.2	355.2	222.6		805.4	177.4	148.6					
Dias Lluviosos	6	10	11		25	12	12					

TOTAL DEL AÑO _____ m.m.

ESTACION Dolores (El Ocaso) - Tolima ALTURA 1.590 m

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
							--	--	--	4.0	3.5
							--	--	5.0	14.0	2.0
							--	--	--	36.0	8.0
							2.5	--	--	26.0	4.0
							--	--	--	35.0	1.5
							--	--	--	2.0	1.0
							2.5	--	--	6.5	--
							--	--	--	6.5	1.5
							3.0	1.0	4.0	--	6.5
							--	1.0	--	26.5	--
						1.0	--	5.5	--	16.0	--
						--	---	--	--	28.5	3.5
						1.0	--	--	2.0	8.5	--
						--	--	--	12.0	40.0	--
						3.5	2.5	--	11.0	4.0	---
						--	--	--	2.0	--	--
						--	--	--	4.5	--	--
						--	--	--	--	--	--
						4.0	--	1.0	--	2.5	5.5
						--	29.0	--	--	2.5	--
						--	--	--	--	34.0	--
						2.5	--	5.5	--	4.0	5.0
						--	--	4.0	--	38.0	--
						--	--	--	2.0	12.0	--
						--	--	--	23.0	--	3 5
						--	14.0	--	--	--	16.0
						--	--	--	24.0	4.0	26.0
						--	--	--	10.5	--	--
						--	--	58.0	7.5	2.0	56.0
						--	--	10.0	4.5	1.0	14.0
						--	--		20.5		20.0
						(12.0)	53.5	86.0	132.5	353.5	177.5
						(5)	6	8	14	23	17

TOTAL DEL AÑO _____ m.m.

PRECIPITACION DIARIA

AÑO 1963

ESTACION Chaparral (Limón) - Tolima — ALTURA 1.550 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	50,1	--	65,9	25,0	5,2	--	--	--	--		
2	--	--	20,0	55,3	30,0	--	--	--	--	--		
3	15,2	--	--	--	18,2	--	--	--	--	--		
4	27,4	10,0	--	31,1	35,0	--	--	--	--	--		
5	--	21,1	--	--	25,0	--	--	--	--	--		
6	--	20,0	--	--	35,0	--	--	14,5	--	--		
7	15,0	--	--	--	--	--	--	--	--	--		
8	25,0	--	--	15,3	25,3	--	22,3	--	--	--		
9	25,3	20,0	15,0	25,0	45,5	--	--	--	--	--		
10	--	10,0	25,1	30,2	15,0	9,5	13,1	--	--	--		
11	--	225,0	17,0	15,3	25,0	25,1	--	--	--	--		
12	--	0,5	10,2	15,6	25,6	50,5	13,0	--	--	--		
13	--	--	--	20,0	52,4	--	--	--	--	30,1	X	
14	--	--	--	--	--	--	--	10,0	--	25,5		
15	--	--	--	15,0	--	--	14,4	5,2	--	27,5		
16	--	--	--	--	--	--	--	--	--	--		
17	--	25,0	--	--	15,7	25,1	--	--	--	--		
18	25,2	20,2	15,2	--	--	--	--	--	--	--		
19	--	21,4	18,3	--	--	--	--	--	25,0	--		
20	--	25,0	--	--	--	--	--	62,4	--	--		
21	--	--	20,0	--	--	--	--	--	--	--		
22	--	--	26,0	--	--	--	--	--	35,7	15,3		
23	--	30,0	30,0	15,3	--	--	--	--	--	15,8		
24	--	20,0	--	25,6	--	--	--	--	--	--		
25	--	15,0	40,0	--	--	--	--	--	--	--		
26	25,7	25,2	29,0	--	--	--	--	--	--	25,3		
27	35,2	18,3	--	--	--	--	--	--	--	40,5		
28	55,3	--	--	--	--	--	--	--	--	38,1		
29	--		--	--	--	--	--	--	--	--		
30	--		--	--	--	--	--	--	--	--		
31	--		25,2		--		--	--		45,0		
Suma Mensual	249,3	356,8	291,0	329,6	372,7	115,4	62,8	92,1	60,7	263,1		
Dias Lluviosos	9	17	13	12	13	5	4	4	2	9		

TOTAL DEL AÑO _____ m.m.

ESTACION Tello (San Juanito) - Huila — ALTURA 1.400 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	4,0	--	10,0	10,0	--	--	8,0	--	14,0	16,0	--
2	16,0	5,0	--	6,0	22,0	--	--	4,0	7,0	4,0	2,0	2,0
3	--	46,0	--	7,0	2,0	--	1,0	4,0	4,0	1,0	15,0	--
4	--	20,0	--	35,0	2,0	--	3,0	6,0	--	--	48,0	1,0
5	--	2,0	--	50,0	--	--	2,0	--	2,0	--	50,0	--
6	--	4,0	--	44,0	20,0	--	--	4,0	--	--	14,0	3,0
7	10,0	2,0	--	7,0	4,0	--	--	6,0	--	--	7,0	10,0
8	2,0	3,0	--	3,0	--	--	1,0	--	--	--	--	--
9	1,0	4,0	4,0	10,0	1,0	16,0	--	--	10,0	14,0	2,0	3,0
10	1,0	6,0	20,0	15,0	16,0	14,0	--	--	182,0	--	--	--
11	--	5,0	--	30,0	6,0	30,0	3,0	6,0	--	--	8,0	--
12	4,0	22,0	--	12,0	4,0	10,0	--	8,0	2,0	30,0	4,0	4,0
13	8,0	20,0	15,0	14,0	14,0	8,0	--	2,0	--	7,0	96,0	2,0
14	--	--	2,0	10,0	18,0	10,0	--	10,0	4,0	3,0	22,0	--
15	12,0	--	--	6,0	4,0	2,0	--	3,0	2,0	4,0	2,0	--
16	--	--	--	--	2,0	6,0	36,0	5,0	--	36,0	6,0	--
17	--	--	--	14,0	1,0	4,0	--	4,0	2,0	--	12,0	2,0
18	--	4,0	--	3,0	--	1,0	--	2,0	2,0	--	3,0	--
19	4,0	36,0	--	15,0	--	1,0	--	1,0	--	--	--	--
20	--	2,0	--	12,0	--	2,0	--	3,0	--	--	9,0	--
21	--	6,0	--	--	--	--	--	6,0	--	--	2,0	--
22	--	14,0	10,0	--	--	--	4,0	3,0	1,0	--	6,0	1,0
23	--	3,0	--	5,0	9,0	1,0	2,0	1,0	1,0	--	30,0	--
24	--	4,0	--	18,0	7,0	--	--	--	--	--	22,0	--
25	2,0	--	--	1,0	1,0	--	--	--	20,0	28,0	--	1,0
26	4,0	2,0	28,0	--	--	--	--	9,0	--	--	5,0	3,0
27	2,0	1,0	8,0	4,0	--	1,0	--	--	--	22,0	4,0	--
28	--	--	--	12,0	--	--	--	--	--	1,0	3,0	--
29	--		2,0	--	--	1,0	--	--	4,0	40,0	--	--
30	--		--	30,0	--	--	3,0	--	--	4,0	--	--
31	--		10,0		--		3,0	--		5,0		--
Suma Mensual	66,0	215,0	99,0	373,0	143,0	107,0	72,0	95,0	243,0	214,0	389,0	42,0
Dias Lluviosos	12	22	9	25	18	15	11	20	14	15	24	11

Total de días lluviosos : 196

TOTAL DE AÑO 1.859,0 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Timaná (San Marcos) - Huila ALTURA 1.350 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	--	--	--	5,1	--	3,1	--	--	11,2	11,6	--
2	--	--	--	--	13,1	--	--	--	--	--	6,2	--
3	13,2	10,3	--	5,4	6,1	--	--	--	5,2	--	--	--
4	--	3,1	--	--	--	--	--	--	--	--	20,4	4,7
5	--	--	20,4	28,5	--	--	--	--	15,1	7,3	5,3	--
6	--	2,3	--	--	--	--	--	7,2	5,2	--	6,2	5,1
7	--	--	--	--	--	--	--	7,4	7,3	--	--	--
8	7,2	--	6,1	--	--	--	--	--	--	--	--	8,2
9	8,1	--	--	6,3	2,2	14,3	4,4	--	5,4	--	4,2	6,3
10	--	--	--	--	14,3	3,0	8,1	--	11,2	--	2,1	--
11	--	18,1	--	--	--	3,2	3,0	--	9,2	6,0	8,4	--
12	--	--	--	--	14,5	--	--	--	--	--	--	--
13	4,2	--	--	--	2,4	53,2	--	12,1	--	--	12,3	20,4
14	4,2	--	--	5,1	13,2	--	--	11,0	--	16,1	10,2	--
15	--	--	3,3	10,7	4,2	--	7,0	4,4	--	2,2	--	--
16	2,0	--	--	--	2,3	12,2	--	3,3	--	9,3	--	--
17	--	--	--	2,2	--	--	--	--	--	5,2	2,1	--
18	--	10,2	--	--	--	8,7	--	5,0	--	--	--	--
19	8,2	13,7	--	22,1	--	--	--	6,1	--	--	--	--
20	--	10,3	--	--	--	--	--	--	--	--	--	--
21	--	--	--	--	--	--	19,4	--	--	--	--	--
22	--	9,4	--	--	--	--	2,4	--	--	--	--	15,3
23	--	3,2	18,4	--	--	2,4	2,1	--	5,1	--	16,3	--
24	--	--	--	15,0	23,2	--	--	9,1	6,3	--	18,1	6,0
25	--	--	36,2	4,1	3,3	--	--	8,3	--	--	--	--
26	9,1	--	--	--	--	--	--	--	--	--	--	--
27	--	5,4	2,9	--	--	--	--	--	--	18,1	--	--
28	5,2	--	--	--	--	4,3	--	--	--	7,1	--	3,1
29	--	--	--	--	--	4,5	--	2,1	--	2,2	--	--
30	--	.	--	40,2	--	3,0	--	--	--	3,1	--	16,2
31	--		--		--		--	--		3,1		--
Suma Mensual	64,5	118,0	87,3	139,6	116,9	118,8	49,5	76,0	70,0	90,9	123,4	85,3
Dias Lluviosos	9	10	6	10	12	10	8	11	9	12	13	9

Total de días lluviosos: 119 TOTAL DEL AÑO 1.127,2 m.m.

ESTACION Pitalito (Sinaí) - Huila ALTURA 1.420 m

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
								--	3,1	--	--
								2,2	1,0	3,0	--
								12,0	--	10,0	--
								--	6,0	13,0	--
								--	4,1	0,1	--
								4,0	10,0	--	14,0
								3,0	12,1	7,0	6,0
								4,0	4,0	--	7,0
								1,0	0,1	20,0	3,0
								3,0	-	3,0	4,1
								2,0	0,1	19,0	5,0
								--	--	--	--
								--	--	16,0	--
								0,5	0,1	-1,0	--
								9,0	12,0	1,0	--
								4,0	16,0	--	--
								4,0	1,0	0,1	--
								--	--	--	--
								3,0	1,0	--	--
								1,0	--	--	--
								--	--	--	0 1
								2,0	--	4,0	8,0
								2,0	--	18,0	7,0
								--	--	9,0	--
								--	--	4,0	--
								--	13,0	3,0	--
								--	--	--	--
								--	24,0	1,0	--
								--	12,0	--	--
								--	1,0	--	10,0
									--		--
								56,7	120,6	132,2	64,2
								16	18	18	10

TOTAL DEL AÑO m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Santander - Cauca — ALTURA 1.112 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	10.5	--	22.4	16.2	--	49.4	55.7	--	6.5	46.6	--
2	--	--	--	1.5	--	0.7	--	--	--	--	3.0	16.5
3	--	--	--	35.4	--	--	--	--	--	--	2.1	9.5
4	--	1.6	4.5	--	--	--	--	--	--	--	69.5	--
5	1.2	--	28.6	76.2	3.0	--	--	--	--	--	5.0	--
6	--	--	15.8	49.3	0.1	--	--	--	--	0.2	10.0	--
7	--	--	--	5.0	16.0	--	--	1.2	--	--	--	--
8	0.7	--	1.1	--	2.0	1.0	--	--	--	--	--	--
9	--	1.6	--	--	2.7	6.2	51.0	--	--	--	--	--
10	--	6.1	1.0	--	7.9	25.2	23.5	--	--	--	81.0	--
11	6.0	4.4	1.5	--	0.5	7.2	10.3	--	--	--	20.0	--
12	6.5	--	0.5	47.5	--	18.5	1.0	--	--	1.5	--	8.0
13	--	--	--	14.7	1.6	47.0	--	--	--	--	4.6	45.8
14	--	--	--	50.8	2.5	--	--	--	4.5	26.5	--	--
15	8.7	1.5	--	1.0	--	--	1.6	--	--	--	--	--
16	0.2	--	15.5	--	--	1.8	5.0	--	--	27.2	--	40.5
17	4.0	7.5	--	2.7	1.5	--	--	--	1.0	--	--	--
18	--	11.7	5.5	10.6	21.6	--	--	--	--	--	--	--
19	2.0	3.5	--	51.2	--	--	--	--	--	--	--	--
20	0.2	--	10.2	29.4	--	--	--	11.5	--	--	--	--
21	--	2.1	--	--	--	--	--	--	6.5	--	14.3	--
22	--	17.7	--	--	--	--	--	--	--	--	41.0	--
23	--	9.5	1.0	--	--	--	--	--	--	9.1	--	--
24	5.5	0.8	--	--	--	--	--	--	--	--	5.6	2.9
25	11.5	1.5	22.5	--	47.7	--	--	--	--	8.1	--	--
26	9.6	0.2	4.2	--	--	--	--	--	--	--	1.0	11.2
27	21.7	--	--	--	9.0	14.0	--	--	--	8.8	--	--
28	2.0	--	57.0	16.4	--	--	--	--	67.0	--	--	2.0
29	--		--	8.0	--	--	--	--	--	22.7	1.0	13.9
30	--		43.2	14.6	--	--	--	--	8.0	--	--	1.0
31	--		5.5		--		40.9	--		--		50.5
Suma Mensual	79.8	80.2	217.6	436.7	132.3	121.6	182.7	68.4	87.0	110.6	298.7	201.8
Dias Lluviosos	14	15	16	17	14	9	8	3	5	9	14	11

Total de días lluviosos: 135 — TOTAL DEL AÑO 2.017.4 m.m.

ESTACION Cajibio (La Selva) - Cauca — ALTURA 1.936 m

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
--	10.5	--	1.0	6.0	--	--	51.2	--	--	20.0	2.3
--	5.3	--	5.8	--	--	--	--	--	34.9	16.2	--
6.0	20.3	--	40.4	31.4	--	--	--	--	5.1	22.0	17.2
9.3	0.3	--	4.8	9.5	--	--	--	--	--	44.0	5.0
--	4.5	--	12.0	--	--	--	--	--	--	23.1	--
26.0	3.0	15.8	4.9	9 8	--	--	--	--	--	16.0	--
13.8	--	3.2	--	17.0	--	--	2.1	--	--	12.2	--
2.1	--	18.0	--	8.5	--	12.5	--	--	6.1	--	--
2.4	--	16.1	38.6	16.0	8.7	--	--	--	--	2.0	--
1.2	17.5	1.2	46.5	19.1	11.5	27.8	--	--	--	40.0	--
1.2	19.8	10.5	3.5	5.3	26.5	--	--	--	7.2	43.0	--
25.2	--	1.8	8.0	8.6	6.5	--	--	--	--	5.2	2.0
8.4	--	--	--	15.4	20.0	--	--	--	--	25.0	28.2
--	4.5	8.5	14.0	28.3	1.8	--	--	3.2	29.1	--	--
3.2	--	34.0	--	--	--	--	--	--	14.0	--	--
14.3	--	2.1	--	--	1.5	--	--	--	22.0	--	15.3
18.7	31.5	11.5	--	--	--	--	--	--	2.0	--	16.4
4.1	9.5	12.5	10.0	--	--	--	--	7.0	--	--	--
6.4	8.5	--	15.0	--	--	--	--	1.0	--	2.3	2.0
21.8	4.3	2.0	47.1	--	--	14.7	1.4	1.0	--	8.2	8.5
8.7	15.0	--	3.0	9.8	--	--	--	--	--	22.0	--
--	16.5	22.1	--	--	--	--	1.5	--	--	26.2	3.5
2.5	9.4	5.8	110.0	--	--	--	--	--	4.0	3.5	--
--	0.3	--	--	--	--	--	--	12.0	--	25.6	4.0
0.5	6.3	33.8	--	6.2	--	--	--	25.1	18.5	3.0	26.0
33.5	5.4	12.0	--	--	--	--	6.3	36.1	--	45.0	9.5
2.0	11.7	3.5	11.4	--	--	--	--	--	22.0	--	--
--	--	4.0	22.0	--	--	--	--	--	10.5	--	18.2
25.5		--	39.7	--	--	--	--	--	48.5	--	40.5
--		--	5.5	--	--	--	--	2.1	--	16.0	16.0
19.8		1.6		--		12.0	--		--		26.5
261.6	213.1	220.0	443.2	192.9	76.5	67.0	62.5	87.5	223.4	420.5	241.1
23	20	20	20	14	7	4	5	8	13	21	17

Total de días lluviosos: 172 — TOTAL DEL AÑO 2.509.3 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Caldono (La Unión) - Cauca — ALTURA 1.450 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	8.0	--	--	--	--	--	19.0	--	--	--	0.5
2	--	--	--	1.5	9.0	0.5	--	--	--	--	50.0	--
3	--	6.0	--	4.0	--	--	--	--	--	5.0	50.0	--
4	--	--	0.5	--	15.5	--	--	--	--	7.0	40.5	--
5	1.0	19.0	--	4.5	3.0	--	--	--	--	6.0	81.0	--
6	1.5	--	--	--	--	--	--	--	--	--	70.0	--
7	--	7.0	3.0	--	12.5	--	--	6.0	--	3.5	--	--
8	--	--	--	--	--	--	--	--	--	--	--	--
9	--	--	--	5.0	25.5	--	--	--	--	--	--	--
10	2.0	25.0	8.0	19.0	45.5	--	19.0	--	--	--	25.5	--
11	--	--	--	5.0	--	47.0	1.0	--	--	1.0	30.5	--
12	0.5	12.0	--	12.0	8.5	6.0	--	--	--	--	65.0	--
13	--	--	15.0	--	23.5	--	--	--	--	--	--	25.0
14	--	--	--	--	--	19.5	24.5	--	7.0	--	--	--
15	--	--	--	--	--	23.0	--	--	--	30.0	--	--
16	--	--	5.0	--	--	--	--	--	1.0	18.0	--	--
17	5.0	8.5	--	9.5	--	--	--	--	--	15.0	--	--
18	15.5	13.5	--	12.0	--	--	--	--	--	--	--	--
19	1.0	22.5	--	15.0	--	--	--	--	--	--	--	--
20	--	5.0	--	35.5	--	--	--	1.5	8.5	--	--	--
21	--	6.5	6.0	--	--	--	--	--	10.5	--	--	29.0
22	--	--	--	--	--	--	--	--	--	--	10.5	--
23	--	8.0	52.0	--	--	--	--	9.5	--	--	--	--
24	30.5	--	7.0	--	--	--	--	--	--	--	30.0	89.0
25	1.5	--	--	--	--	--	--	--	8.0	14.5	--	--
26	--	0.5	--	--	--	--	--	4.0	10.0	--	--	--
27	7.0	--	--	8.5	--	--	6.0	--	--	9.5	--	--
28	--	--	30.0	12.0	--	--	--	--	--	7.0	--	--
29	--		6.0	19.5	--	--	--	--	--	44.0	2.0	16.0
30	--		--	--	--	--	--	--	--	4.0	--	--
31	--		6.0		--		12.0	--		--		--
Suma Mensual	65.5	141.5	138.5	163.0	143.0	98.0	62.5	40.0	45.0	164.5	455.0	159.5
Dias Lluviosos	10	13	11	14	8	5	5	5	6	13	11	5

Total de días lluviosos: 106 — TOTAL DEL AÑO 1,676.0 m.m.

ESTACION Piendamó (Tunía) - Cauca — ALTURA 1.810 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	1.5	4.5	--	0.5	1.5	2.0	--	12.5	--	4.5	12.5	--
2	6.5	2.5	--	2.0	0.5	4.0	--	2.5	--	14.5	34.5	--
3	2.5	12.5	--	50.5	12.5	1.5	--	1.5	--	1.5	6.5	2.5
4	--	35.5	1.5	6.0	--	--	--	12.5	--	--	14.0	2.5
5	--	13.0	10.5	29.5	4.5	--	--	1.5	--	--	18.5	--
6	1.5	2.0	3.3	1.5	12.5	--	--	--	--	--	51.0	--
7	14.5	1.5	0.5	0.5	3.5	--	--	--	--	--	4.5	1.5
8	6.5	2.5	2.5	--	11.5	1.5	--	--	2.5	3.0	2.0	--
9	2.5	1.5	30.5	50.0	3.5	7.5	3.5	--	6.5	4.6	0.5	--
10	1.5	20.5	6.5	20.5	1.5	22.5	24.5	--	1.5	--	48.0	--
11	--	14.0	3.5	2.5	--	18.0	0.5	--	0.5	2.5	27.5	--
12	--	0.5	8.5	50.0	12.5	42.5	1.5	--	--	1.5	8.5	1.5
13	1.5	--	2.5	1.5	6.5	16.0	3.0	--	--	4.5	12.5	19.0
14	--	9.0	14.5	5.5	42.5	1.5	6.5	--	18.5	32.5	0.5	--
15	1.5	1.5	26.5	1.5	2.0	--	1.5	--	--	41.5	--	--
16	4.5	12.5	7.0	3.5	1.5	--	1.5	--	--	20.5	--	34.5
17	8.5	48.5	2.5	10.0	2.0	--	0.5	--	1.5	6.0	--	0.5
18	2.5	40.0	40.0	--	1.5	--	1.5	--	2.5	--	--	--
19	6.5	7.5	0.5	32.0	--	--	--	--	2.0	--	--	--
20	10.5	2.0	18.5	34.0	--	--	--	--	1.5	--	--	--
21	1.5	9.0	1.5	1.5	--	--	--	--	4.0	4.5	0.5	--
22	--	12.5	2.0	4.5	--	--	--	--	0.5	1.5	8.5	--
23	11.5	10.5	17.5	--	--	--	--	--	--	3.0	--	--
24	2.0	1.5	4.0	1.3	--	--	--	--	0.5	1.5	5.0	1.5
25	6.5	23.5	30.5	0.5	--	--	--	--	44.0	25.5	9.5	--
26	12.5	0.5	1.5	--	1.5	--	--	--	3.5	24.5	9.0	2.0
27	10.5	3.5	0.5	22.5	2.0	1.5	--	--	--	3.0	1.5	--
28	1.5	0.5	--	7.0	0.5	--	--	--	--	28.5	3.0	10.5
29	4.5		6.5	10.0	--	--	--	--	--	12.5	1.5	28.0
30	24.5		1.5	8.5	--	--	--	--	3.5	1.5	--	10.5
31	1.5		12.5		1.5		16.5	--		2.5		--
Suma Mensual	139.0	293.0	257.3	357.3	125.5	118.5	61.0	30.5	92.0	250.6	279.5	114.5
Dias Lluviosos	25	27	27	26	20	11	11	5	15	23	22	12

Total de días lluviosos: 224 — TOTAL DEL AÑO 2.118.7 m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION Bolívar - Cauca — ALTURA 1.735 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	12.0	6.0	14.0	30.0	--	--	4.0	--	--	36.0	4.0
2	--	20.0	--	22.0	14.0	--	--	--	--	--	40.0	2.0
3	--	14.0	--	12.0	12.0	--	--	--	--	--	26.0	18.0
4	--	52.0	4.0	16.0	4.0	--	--	--	--	--	42.0	--
5	4.0	4.0	--	20.0	2.0	--	--	--	--	--	30.0	--
6	--	10.0	--	14.0	16.0	--	--	--	--	--	22.0	--
7	4.0	22.0	--	10.0	24.0	--	--	--	--	--	22.0	--
8	10.0	16.0	--	2.0	30.0	16.0	--	--	--	--	38.0	--
9	6.0	20.0	22.0	--	34.0	20.0	--	--	--	--	44.0	--
10	14.0	32.0	20.0	10.0	20.0	30.0	8.0	--	--	--	40.0	--
11	8.0	14.0	10.0	8.0	8.0	36.0	2.0	--	--	--	24.0	--
12	24.0	--	6.0	--	4.0	40.0	--	--	--	10.0	10.0	--
13	18.0	--	2.0	4.0	10.0	38.0	--	--	--	20.0	48.0	--
14	10.0	--	--	6.0	8.0	18.0	--	--	--	26.0	26.0	--
15	8.0	8.0	10.0	4.0	4.0	12.0	4.0	--	--	32.0	18.0	--
16	4.0	14.0	18.0	6.0	2.0	18.0	--	--	--	14.0	12.0	36.0
17	2.0	18.0	30.0	10.0	--	20.0	--	--	--	4.0	2.0	20.0
18	20.0	24.0	24.0	4.0	--	--	--	--	--	--	---	8.0
19	28.0	46.0	14.0	6.0	--	--	--	--	--	--	--	4.0
20	36.0	52.0	10.0	4.0	--	--	--	2.0	--	--	8.0	2.0
21	6.0	26.0	6.0	--	--	--	--	--	--	--	10.0	--
22	2.0	20.0	18.0	--	--	--	--	--	--	--	10.0	--
23	--	14.0	30.0	--	--	--	--	--	--	--	14.0	18.0
24	4.0	36.0	34.0	--	6.0	--	--	--	10.0	--	12.0	40.0
25	8.0	40.0	36.0	--	--	--	--	--	--	--	6.0	34.0
26	14.0	44.0	8.0	--	--	--	--	--	--	30.0	4.0	6.0
27	22.0	30.0	2.0	--	--	--	--	--	--	50.0	--	2.0
28	30.0	16.0	--	8.0	--	--	--	---	--	46.0	--	16.0
29	26.0		4.0	30.0	--	--	--	--	2.0	30.0	8.0	50.0
30	20.0		6.0	14.0	--	--	--	--	--	24.0	--	50.0
31	6.0		--		--		2.0	--		20.0		--
Suma Mensual	328.0	604.0	320.0	226.0	228.0	248.0	16.0	6.0	12.0	306.0	568.0	328.0
Dias Lluviosos	25	25	22	21	17	10	4	2	2	12	25	18

Total de días lluviosos: 183 — TOTAL DEL AÑO 3.190.0 m.m.

ESTACION Rosas - Cauca — ALTURA 1.760 m

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
16.4	--	--	4.5	25.0	--	--	3.0	--	10.5	51.0	--
2.4		--	28.5	3.5	--	--	5.5	--	20.0	46.5	3.5
--		--	51.0	--	--	--	--	--	--	17.5	3.5
--		--	--	7.5	--	--	--	--	--	49.5	--
--		--	28.5	--	--	--	--	--	--	--	--
--		--	18.5	14.5	--	14.5	--	--	--	30.5	--
1.2		1.5	--	13.5	--	--	--	--	--	22.0	--
5.4		4.5	--	12.0	--	10.0	--	--	--	21.5	--
9.8		--	12.0	2.5	--	--	--	--	--	29.5	--
--		--	--	--	45.5	5.5	--	--	--	51.0	--
--		42.5	8.0	--	18.5	--	--	--	--	018.0	--
--		6.5	28.5	8.5	22.5	--	--	--	--	--	--
4.6		20.0	7.5	--	17.5	--	--	--	8.5	11.0	2.5
6.6		--	4.5	--	1.5	10.0	--	12.5	--	--	--
--		--	5.5	--	--	10.0	--	7.5	--	--	--
7.4		--	--	--	--	--	1.5	--	--	--	2.5
--		--	--	--	--	--	--	--	--	11.0	8.5
--		3.0	28.5	--	--	--	--	--	--	10.5	11.0
--		--	52.5	--	--	--	--	--	--	--	--
--		--	26.5	--	--	12.5	2.0	--	21.5	4.5	--
--		--	2.0	--	--	--	--	--	--	2.5	--
--		--	--	--	--	--	--	--	--	51.0	--
--		16.5	3.0	--	--	--	--	--	36.5	13.5	--
--		5.5	--	--	--	--	--	3.5	--	2.5	12.5
--		51.5	--	--	--	--	--	--	--	2.5	29.5
36.4		7.5	2.0	--	--	--	--	16.5	--	4.5	22.5
8.8		--	11.0	--	--	--	--	--	51.0	--	6.0
14.6		--	36.0	--	--	--	--	--	52.5	--	28.5
--		11.5	24.5	--	--	--	--	--	13.5	5.5	52.5
--		4.5	16.0	--	--	--	--	3.5	6.5	--	21.5
--		--		--		10.0	--		10.0		18.5
113.6		175.0	389.0	87.0	105.5	72.5	14.0	43.5	230.5	456.0	223.0
11		12	21	8	5	7	4	5	10	21	14

Total de días lluviosos: (118) — TOTAL DEL AÑO (1.909.6) m.m.

PRECIPITACION DIARIA

AÑO 1.9 6 3

ESTACION San Pablo - Mariño ALTURA 1.550 m ESTACION ALTURA

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.
1	--	--	--	--	18.0	--	--	--	--	38.0	31.0	--
2	--	--	--	--	6.5	--	--	--	--	32.0	10.0	--
3	--	8.5	--	9.0	9.0	--	--	--	--	--	23.0	32.0
4	--	2.0	--	40.5	40.5	--	--	--	--	--	34.5	7.0
5	3.0	8.5	--	22.0	14.0	--	--	--	--	--	4.0	--
6	--	--	--	--	24.0	--	--	--	--	--	20.0	--
7	--	8.0	--	6.0	--	--	--	--	--	--	4.0	--
8	--	22.0	--	--	10.0	--	--	--	--	--	6.5	--
9	--	11.0	--	--	--	--	--	--	--	--	--	--
10	--	6.5	12.0	2.0	6.0	--	--	--	--	--	10.5	--
11	--	8.0	--	--	12.0	17.0	--	--	--	--	4.5	--
12	10.5	9.0	4.5	44.0	14.0	6.5	--	--	--	--	10.0	--
13	--	--	--	--	--	14.0	--	--	--	9.0	3.5	--
14	9.0	--	--	5.0	14.0	16.0	--	--	--	10.0	12.0	--
15	--	8.0	--	--	4.5	4.5	--	--	--	7.0	--	2.0
16	--	20.0	--	--	--	--	15.0	--	--	--	--	--
17	--	38.0	--	10.5	--	--	--	--	--	--	3.0	--
18	38.0	10.0	2.5	--	5.5	--	--	--	--	15.0	--	4.0
19	--	2.0	3.5	4.0	--	--	--	--	--	--	--	--
20	4.0	8.0	--	64.5	--	--	--	--	--	--	3.5	--
21	--	17.0	--	--	--	--	--	--	--	--	--	--
22	5.0	10.5	2.5	--	--	--	--	--	--	--	7.0	--
23	12.0	13.5	--	--	--	--	--	--	--	--	22.5	--
24	8.5	18.0	4.0	--	--	--	--	--	--	--	3.0	23.0
25	12.0	1.0	--	--	--	--	--	--	--	17.0	6.5	--
26	--	6.0	36.0	--	--	--	--	--	--	--	--	--
27	22.0	--	--	--	--	--	--	--	--	--	--	--
28	--	1.0	2.5	14.0	--	--	--	--	--	23.0	--	12.0
29	--		--	10.5	--	--	--	--	--	7.0	--	41.0
30	--		3.0	4.5	--	--	--	--	40.0	7.0	--	25.5
31	--		--		--		--	--		10.0		25.5
Suma Mensual	124.0	236.5	70.0	236.5	178.0	58.0	15.0	--	40.0	175.0	222.5	182.5
Dias Lluviosos	10	22	9	13	13	5	1	--	1	11	20	11

Total de días lluviosos: 116 TOTAL DEL AÑO 1.538,0 m.m.

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Nobre.	Dicbre.

TOTAL DEL AÑO m.m.