

FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA

ANUARIO

METEOROLOGICO

1.968

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**

1.968

FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA
GERENCIA TECNICA

DIVISION DE EXPERIMENTACION

Sección de Agroclimatología

C O N T E N I D O

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1870

1871

1872

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1877

1878

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1880

1881

1882

1883

1884

1885

1886

1887

Estación S. A. L. A. S. A. T. U. R. A. S.

Mes E. N. E. R. O.

Año 1968

$\phi = 1^{\circ} 44' N$

$\lambda = 72^{\circ} 49' WGR$

Altura 1.000 M.

Días	T E M P E R A T U R A S					T E N S I O N D E L V A P O R					H u m e d a d R e l a t i v a			H o r a s D e m o s t r a d o r a s	B r i l l o S o l a r H o r a s	P R E C I P I T A C I O N			E V A P O R A C I O N			V I E N T O S										
	M e d.		M á x.		M í n.		M e d.		M á x.		M í n.		%			m m		m m		m m		D I R E C I O N		F U E R Z A		D I R E C I O N		F U E R Z A				
	7	14	20	7	14	20	7	14	20	7	14	20	7			14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20
1	14.9	23.8	17.0	18.2	25.0	14.5	14.0	12.1	11.8	14.0	12.6	96	53	96	82	4.0	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	13.0	24.9	16.3	17.6	26.3	12.0	11.3	10.7	14.0	13.1	12.6	96	60	95	84	6.3	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3	14.0	24.6	17.3	18.4	25.6	13.3	11.4	11.5	11.9	14.1	12.5	96	51	96	81	4.3	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4	17.4	23.3	18.0	19.2	24.4	15.0	14.0	14.2	13.4	14.9	14.2	96	63	95	85	8.0	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5	16.0	23.2	18.6	19.1	25.0	14.7	13.6	13.1	15.4	15.5	14.7	96	72	96	88	7.0	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6	16.8	25.6	19.6	20.4	27.0	14.9	14.0	13.8	12.3	15.7	13.9	96	50	93	80	6.7	3.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7	17.0	25.0	18.8	19.9	26.0	14.5	14.0	14.0	12.5	15.7	14.1	96	52	96	81	4.3	5.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	16.6	22.6	17.6	18.6	23.3	14.0	13.4	13.6	14.4	14.5	14.2	96	70	96	87	8.3	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	16.0	24.0	19.0	19.5	24.9	14.6	13.5	13.1	15.7	16.2	15.0	96	70	98	88	6.0	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	14.8	26.4	18.0	19.3	17.9	13.8	13.0	11.3	13.0	14.7	13.0	90	50	95	78	5.3	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	16.8	27.6	19.8	21.0	28.0	16.0	14.9	13.8	12.8	16.7	14.4	96	46	96	79	6.3	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	17.8	26.6	19.6	20.9	29.3	16.4	15.3	14.7	13.6	16.4	14.9	96	52	95	81	7.0	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	17.4	26.4	18.6	20.2	28.5	16.0	14.7	14.2	13.7	15.2	14.4	96	53	94	81	5.0	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	17.6	28.4	19.6	21.3	28.8	15.8	14.4	14.8	14.4	16.0	15.1	98	50	94	81	4.3	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	17.6	27.0	18.3	20.3	27.5	16.7	16.0	14.5	13.4	14.9	14.3	97	50	95	81	5.0	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	17.0	29.0	21.0	22.0	29.9	14.9	14.0	13.8	12.1	17.8	14.6	95	40	96	77	5.3	8.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	17.6	27.9	21.6	22.2	28.8	15.6	14.4	14.4	11.1	18.4	14.6	95	40	95	77	4.0	6.0	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	17.0	28.0	21.6	22.0	29.9	15.7	14.6	14.0	11.3	18.4	14.6	96	40	95	77	6.7	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	16.0	26.6	20.8	21.1	27.9	14.9	13.9	13.1	14.1	17.5	14.9	96	54	95	82	5.3	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	19.0	25.6	21.0	21.6	26.5	17.5	15.0	15.9	16.1	17.7	16.6	96	66	95	86	8.0	3.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	18.8	21.8	19.6	20.0	25.4	18.0	17.4	15.5	16.4	16.3	16.7	94	94	95	94	8.7	0.9	2.7	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—
22	18.8	21.6	19.6	19.9	24.5	17.3	16.5	15.7	17.6	15.8	16.4	96	92	93	94	7.7	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	18.6	24.8	20.2	21.0	25.5	17.4	16.5	15.5	16.3	16.6	15.2	96	58	94	83	9.7	2.2	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	18.8	22.6	19.6	20.2	25.0	18.0	17.5	15.7	17.0	16.0	16.2	96	83	94	91	9.3	1.6	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	17.2	26.4	21.0	21.4	27.5	16.4	15.5	14.0	13.7	17.3	15.0	95	53	93	80	5.7	6.2	2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	17.4	27.0	20.8	21.5	27.5	16.5	15.4	14.2	14.5	17.6	15.4	96	54	96	82	5.7	5.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	16.4	25.3	20.6	20.7	27.0	15.6	14.4	13.4	14.9	16.9	15.1	96	62	93	84	6.3	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	17.2	24.9	20.4	20.7	25.4	16.4	15.4	14.1	16.6	16.6	15.8	96	70	93	86	7.0	1.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	18.6	20.2	17.4	18.4	20.5	18.0	17.1	14.8	17.3	14.2	15.4	93	97	96	95	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	17.0	22.0	18.1	18.8	22.5	16.1	15.9	14.0	15.8	14.9	14.9	96	80	96	91	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	17.0	20.4	17.6	18.2	21.3	16.5	15.3	14.0	16.6	14.4	15.0	96	93	95	95	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	17.0	25.0	19.2	20.1	26.2	15.7	14.7	13.9	14.3	15.9	14.7	96	62	95	84	6.7	4.0	0.3	0.1	0.6	1.3	2.2	—	—	—	—	—	—	—	—	—	—

Precipitación total 40.6 mm.

DATOS DIARIOS

Estación Salazar Mes Mayo Año 1968 $\phi = 7^{\circ} 44' N$ $\lambda = 72^{\circ} 49' W$ Altura 1,000 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa %			Nubosidad Densidad Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS									
	Med.		Max.		Min.		Med.		Med.		Med.		7	14	20		7	14	20	Total	7	14	20	DIREC CION	FUERZA Km./Hora	DIREC CION	FUERZA Km./Hora	DIREC CION	FUERZA Km./Hora			
	7	14	20	7	14	20	7	14	20	7	14	20																		7	14	20
1	20.0	24.9	21.0	21.7	28.9	18.4	17.0	14.7	14.0	16.3	15.0	84	60	88	77	6.7	2.6	—	—	—	—	1.8	00	0	02	1	10	1				
2	21.0	27.9	20.8	22.6	29.3	17.5	16.5	13.3	11.1	16.4	13.6	70	40	90	67	7.3	4.0	—	—	—	—	2.8	00	0	16	1	00	0				
3	19.2	26.9	19.6	21.3	27.5	18.0	16.5	15.6	12.0	15.4	14.3	94	45	90	76	5.3	3.7	3.8	—	—	—	1.6	00	0	16	1	08	1				
4	20.0	28.9	20.6	22.5	29.9	17.6	14.9	12.2	12.1	15.6	13.3	70	40	86	65	4.7	7.2	—	—	—	—	3.0	00	0	16	1	00	0				
5	19.8	29.6	21.0	22.8	29.9	15.5	14.0	14.7	12.4	14.0	13.7	85	40	74	66	3.3	7.2	—	—	—	—	2.8	00	0	14	1	00	0				
6	21.6	27.6	20.0	22.3	28.0	17.4	16.5	13.2	12.4	16.6	14.1	72	45	95	71	6.3	7.0	—	—	—	—	3.4	00	0	16	1	00	0				
7	20.8	28.0	19.4	21.9	28.4	18.6	17.0	15.5	11.3	16.5	14.3	85	40	95	73	5.1	—	—	—	—	—	49.5	00	0	14	1	00	0				
8	18.6	26.4	19.6	21.3	27.3	17.5	17.0	15.0	13.1	16.8	15.1	95	51	98	82	9.3	2.7	86.2	1.8	7.2	11.4	1.2	00	0	02	1	00	0				
9	20.0	21.9	19.6	20.3	27.2	18.5	11.5	14.9	13.7	16.5	16.3	85	90	96	90	9.3	3.2	2.4	16.7	6.8	62.5	1.0	00	0	00	0	00	0				
10	18.2	26.8	20.6	21.6	27.5	16.5	16.0	14.9	13.2	17.4	15.2	95	48	96	80	9.3	2.0	39.0	0.1	3.4	41.6	1.0	00	0	00	0	00	0				
11	19.2	26.6	20.6	21.8	27.0	17.9	17.0	15.4	11.9	16.2	14.5	93	45	90	76	9.3	2.8	38.1	—	—	—	1.6	00	0	00	0	00	0				
12	21.4	26.9	22.2	23.2	27.0	16.5	14.5	13.3	13.2	18.7	15.1	70	48	93	70	5.7	5.8	—	—	—	—	2.4	00	0	00	0	00	0				
13	20.2	25.2	21.2	22.0	27.0	18.4	17.0	15.5	12.1	17.7	15.1	88	50	94	77	8.3	4.0	—	—	—	—	1.3	99.8	1.8	08	1	00	0				
14	18.8	25.9	20.2	21.3	28.9	16.0	15.0	15.5	15.7	17.1	16.1	95	63	96	85	8.3	4.2	98.5	—	20.3	37.2	1.8	08	1	00	0	00	0				
15	19.8	26.9	20.2	21.8	28.3	16.9	15.6	14.6	13.2	16.4	14.7	90	48	93	77	8.3	4.1	16.9	—	—	11.8	1.4	00	0	00	0	00	0				
16	18.1	25.4	19.6	20.7	26.3	17.6	16.4	14.7	11.6	16.3	14.2	95	48	95	79	9.0	1.6	11.8	—	—	—	—	1.2	00	0	00	0	00	0			
17	20.0	28.9	20.9	22.7	29.5	17.8	16.5	15.2	12.1	15.5	14.3	87	40	85	71	5.7	1.3	—	—	—	—	9.1	2.4	00	0	00	0	00	0			
18	19.4	26.9	20.8	22.0	27.5	17.9	16.5	15.8	13.5	15.4	14.9	94	51	90	78	7.0	2.2	9.1	2.6	0.4	3.0	1.4	00	0	00	0	00	0				
19	22.2	29.0	21.0	23.3	29.5	18.5	17.0	16.8	14.1	15.9	15.6	84	46	86	72	7.0	7.7	—	—	—	—	9.6	2.4	00	0	00	0	00	0			
20	19.6	27.0	20.6	22.0	28.0	18.0	17.0	14.5	13.0	15.3	14.3	86	48	85	73	5.7	5.2	9.6	—	—	—	—	2.0	00	0	00	0	00	0			
21	20.0	26.9	21.0	22.2	28.0	17.4	15.5	14.4	12.0	17.3	14.6	83	45	93	74	4.0	4.7	—	—	—	—	—	2.4	00	0	00	0	00	0			
22	21.0	28.9	21.9	23.2	29.1	18.4	17.5	14.6	13.8	18.4	15.6	78	48	94	73	4.0	8.6	—	—	—	—	—	2.4	00	0	00	0	00	0			
23	20.4	27.8	21.2	22.6	28.0	16.9	14.5	15.3	12.5	17.2	15.0	85	45	86	72	8.0	7.9	0.8	—	—	—	—	4.0	2.4	00	0	14	1	00	0		
24	21.1	28.0	21.9	23.2	29.9	17.6	16.0	14.4	12.8	16.6	14.6	76	45	85	69	7.0	7.2	4.0	—	—	—	—	2.2	00	0	14	1	10	1			
25	22.0	28.9	21.4	23.4	30.0	17.8	16.5	15.5	12.1	16.3	14.6	78	40	86	68	8.3	7.3	—	—	—	—	—	—	2.6	10	1	14	1	00	0		
26	21.0	25.0	20.8	21.9	29.3	18.8	16.9	16.7	15.6	17.6	16.6	90	66	96	84	9.0	5.2	—	—	—	—	—	—	2.2	00	0	08	1	00	0		
27	20.0	26.4	20.2	21.7	27.5	17.5	16.0	16.9	13.0	16.9	15.6	96	50	95	80	7.0	4.0	—	—	—	—	—	—	3.0	3.1	2.0	00	0	16	1	00	0
28	18.8	26.6	21.2	22.0	27.5	16.5	16.0	15.4	14.1	17.5	15.7	94	54	93	80	4.0	3.0	0.1	0.1	—	—	—	—	0.1	1.6	00	0	14	1	00	0	
29	19.0	28.9	20.0	22.0	29.3	17.6	16.0	14.8	12.1	16.9	14.6	90	40	96	76	9.0	6.2	—	—	—	—	—	—	11.1	14.3	3.0	00	0	14	1	00	0
30	20.0	25.6	21.2	22.0	26.5	17.9	16.5	16.9	15.2	17.7	16.6	96	58	94	83	8.3	3.3	3.2	—	—	—	—	—	—	—	—	—	00	0	00	0	
31	21.2	26.0	20.6	22.0	26.5	18.6	18.0	16.9	12.7	16.4	15.3	90	52	91	78	7.0	2.7	—	—	—	—	—	—	—	—	—	00	0	00	0		
Med.	20.1	26.9	20.7	22.1	28.2	17.6	16.3	15.1	13.1	16.6	14.9	86	49	91	75	7.2	4.6	10.4	0.7	3.4	14.5	2.0	—	—	—	—	—	—	—	—		

DATOS DIARIOS

Estación SALASAR Mes Julio Año 1966 $\phi = 7^{\circ} 44' N$ $\lambda = 72^{\circ} 49' W$ G.R. Altura 1.000 M.

Días	TEMPERATURA °C						TENSIÓN DEL VAPOR mm						Humedad Relativa %			Brillo Solar horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS										
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20				
	Med.	Max.	Min.	Minima Suelo	Med.	Max.	Min.	Minima Suelo	Med.	Max.	Min.	Minima Suelo	7	14	20		Med.	Max.	Min.	7	14	20	Total	7	14	20	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA	
1	20.0	25.0	20.5	21.5	27.5	17.0	16.0	11.5	11.9	15.3	12.9	66	50	85	67	4.7	5.2	—	—	—	—	—	—	—	00	00	00	00	10	1			
2	22.5	26.9	20.0	22.4	28.3	17.6	16.8	14.4	12.0	14.7	13.7	70	45	83	66	6.0	4.5	—	—	—	—	—	—	—	2.0	00	00	14.1	1	00	0		
3	23.0	29.0	20.6	23.3	29.9	18.0	17.1	12.6	10.3	12.7	11.9	60	34	70	55	2.0	9.3	—	—	—	—	—	—	—	3.2	00	00	00	00	00	0		
4	20.0	29.5	21.4	23.1	30.3	17.5	15.8	14.1	13.3	15.6	14.0	80	40	82	67	2.7	7.7	—	—	—	—	—	—	—	2.1	00	00	14.1	1	00	0		
5	19.5	24.5	19.5	20.8	27.3	18.6	17.5	16.4	12.8	14.0	14.7	96	60	82	67	6.3	10.0	—	—	—	—	—	—	—	1.6	00	00	00	14	1	00	0	
6	20.0	25.8	19.5	21.2	27.4	15.9	15.0	14.1	12.8	15.7	14.2	80	51	93	75	6.7	4.1	—	—	—	—	—	—	—	2.0	00	00	00	00	00	0		
7	21.8	26.5	20.0	22.1	27.9	17.9	16.9	13.0	11.5	14.1	12.9	70	44	80	65	3.3	10.4	—	—	—	—	—	—	—	3.0	00	00	00	14	1	10	1	
8	20.0	27.3	20.4	22.0	28.0	17.4	16.5	12.6	11.0	15.3	13.0	72	40	85	66	3.0	10.5	—	—	—	—	—	—	—	3.0	00	00	00	14	1	10	1	
9	20.0	28.8	21.0	22.7	29.0	17.5	16.0	13.6	12.1	12.9	13.5	90	40	70	67	6.3	6.6	—	—	—	—	—	—	—	2.2	00	00	00	14	1	00	0	
10	19.0	22.8	19.6	20.2	25.9	16.5	15.5	14.8	15.3	16.3	15.5	90	73	95	86	6.3	1.4	—	—	—	—	—	—	—	2.0	00	00	00	14	1	00	0	
11	19.4	28.1	20.9	22.3	28.8	15.5	14.0	14.4	11.8	13.8	13.3	86	41	75	67	5.3	6.9	—	—	—	—	—	—	—	2.0	00	00	00	10	1	08	1	
12	21.0	28.1	20.0	22.3	29.3	18.6	17.0	14.0	11.3	16.9	14.1	75	40	96	70	6.0	5.9	—	—	—	—	—	—	—	2.4	00	00	00	10	1	00	0	
13	20.0	27.3	18.8	21.0	28.5	16.0	14.9	13.2	11.0	14.6	12.9	80	40	95	72	6.0	6.6	—	—	—	—	—	—	—	2.4	00	00	00	10	1	00	0	
14	19.0	27.3	18.8	21.0	28.5	16.0	14.9	13.2	11.0	14.6	12.9	80	40	95	72	6.0	6.6	—	—	—	—	—	—	—	2.4	00	00	00	10	1	00	0	
15	19.4	26.9	20.6	21.9	29.0	16.5	14.9	12.7	12.0	16.9	13.9	75	45	93	71	7.3	5.7	—	—	—	—	—	—	—	0.4	0.4	0.4	0.0	00	00	00	0	
16	19.4	26.0	20.6	21.6	26.6	17.6	16.9	14.3	11.3	16.5	14.0	85	45	91	74	8.3	0.6	—	—	—	—	—	—	—	1.4	0.0	0.0	00	00	00	0		
17	20.0	27.0	21.3	22.4	29.0	18.4	16.4	13.0	10.7	16.9	13.5	74	40	90	68	8.7	5.6	—	—	—	—	—	—	—	6.9	0.3	0.6	11.0	1.4	0.0	00	0	
18	19.0	26.4	21.6	22.1	28.3	17.6	16.0	15.2	11.7	18.4	15.1	93	45	95	78	8.3	4.7	—	—	—	—	—	—	—	1.2	00	00	00	16.6	1	00	0	
19	19.0	25.6	20.0	21.2	27.0	17.0	15.9	13.2	11.8	15.6	13.5	80	48	90	73	5.7	2.4	10.1	—	—	—	—	—	—	1.2	00	00	00	16.6	1	00	0	
20	20.0	26.2	20.4	21.8	27.5	17.6	15.9	14.2	10.2	16.5	13.6	81	40	92	74	7.1	9.7	—	—	—	—	—	—	—	1.5	00	00	00	14	1	00	0	
21	19.0	28.8	20.6	22.2	29.0	17.8	15.9	13.2	9.0	13.3	11.8	80	30	72	61	3.7	9.1	—	—	—	—	—	—	—	3.0	00	00	00	10	1	08	1	
22	18.1	28.4	22.0	22.6	29.0	16.8	14.9	11.6	10.5	16.8	13.0	75	36	85	65	7.7	8.0	—	—	—	—	—	—	—	0.1	0.1	0.1	0.0	10	1	00	0	
23	18.8	28.0	20.4	21.9	28.6	17.3	16.5	14.3	11.3	15.4	13.7	88	40	86	71	5.3	5.0	—	—	—	—	—	—	—	2.0	00	00	00	16	1	00	0	
24	18.8	26.8	21.0	22.2	28.5	17.9	17.0	15.6	13.2	16.0	14.9	90	50	87	76	9.3	4.4	—	—	—	—	—	—	—	1.3	1.3	1.2	00	00	16	1	00	0
25	21.0	26.3	20.0	21.8	27.9	17.9	17.0	14.6	12.8	16.9	14.8	78	50	96	75	4.7	3.9	—	—	—	—	—	—	—	2.0	00	00	00	14	1	10	1	
26	19.0	27.6	21.0	22.2	29.0	16.8	16.0	14.1	11.8	15.7	13.9	86	43	85	71	3.7	9.7	—	—	—	—	—	—	—	2.0	00	00	00	08	1	00	0	
27	20.0	29.3	21.0	22.8	29.9	17.6	17.0	13.4	11.0	15.4	13.3	76	36	82	65	3.0	10.4	—	—	—	—	—	—	—	2.2	00	00	00	14	1	00	0	
28	18.8	28.9	19.6	21.7	29.9	18.6	18.0	15.4	10.7	13.9	13.4	94	53	81	70	5.7	3.4	—	—	—	—	—	—	—	0.2	0.2	0.0	00	16	1	00	0	
29	19.4	25.4	19.8	21.1	26.5	17.9	17.0	16.3	12.9	17.0	15.4	96	53	88	82	9.0	4.9	0.2	—	—	—	—	—	—	6.8	7.0	2.0	00	00	16	1	00	0
30	19.0	26.4	20.4	21.6	27.5	17.0	15.5	13.9	12.0	15.4	13.8	85	46	86	72	9.3	4.3	0.2	—	—	—	—	—	—	—	4.0	00	00	00	16	1	00	0
31	19.4	25.0	19.6	20.9	25.0	18.0	17.0	14.4	14.2	16.8	15.1	86	60	98	81	10.0	1.0	—	—	—	—	—	—	—	5.0	5.5	1.2	00	00	00	00	0	
Med	19.8	27.0	20.4	21.9	28.2	17.4	16.2	14.0	11.8	15.6	13.8	81	44	87	71	6.1	5.3	—	—	—	—	—	—	—	0.4	0.1	13.2	14.2	25.4	—	—	—	—

Precipitación Total 41.4 mm.

DATOS DIARIOS

Estación S. S. L. S. S. T. Mes Agosto Año 1968 $\phi = 7^{\circ} 44' N$ $\lambda = 72^{\circ} 49' W$ GR. W. GR. Altura 1.000 M.

Días	TEMPERATURAS °C				TENSIÓN DEL VAPOR mm				Humedad Relativa %				Nubosidad Horas	PRECIPITACION mm			VIENTOS			
	7	14	20	Med.	Máx.	Mín.	Mínima Suelo	7	14	20	Med.	7		14	20	Total	DIREC CION	FUERZA Km./hora	DIREC CION	FUERZA Km./hora
1	19.6	25.2	19.4	20.9	27.0	17.5	16.0	16.3	13.0	16.1	15.1	95	54	95	81	9.3	1.8	2.8	0.0	0
2	18.8	26.0	20.0	21.2	26.5	16.9	16.0	14.6	12.7	15.8	14.4	90	50	90	77	8.0	3.0	1.4	0.0	0
3	20.0	16.4	12.1	22.8	29.1	17.6	16.0	14.1	12.6	15.9	14.2	80	48	80	69	8.0	3.2	2.0	0.0	0
4	20.6	26.4	17.4	20.4	28.8	17.5	16.5	13.8	14.2	15.0	14.3	76	55	100	77	6.0	5.8	1.8	0.0	0
5	17.6	25.8	18.4	20.0	27.0	16.5	14.5	12.0	12.5	14.2	12.9	80	50	90	73	6.7	5.3	1.6	0.0	0
6	19.0	25.4	19.8	21.0	26.0	17.0	16.0	15.7	12.9	16.2	15.0	95	53	81	8.3	2.2	8.9	0.1	0.6	0
7	18.3	28.0	20.0	21.6	28.9	16.5	15.0	15.0	11.3	16.9	14.4	94	40	96	77	8.0	6.4	1.2	4.0	0
8	19.6	29.2	20.9	22.6	29.9	17.0	15.5	14.5	10.7	17.3	14.2	85	35	94	71	6.7	8.9	0.5	1.7	2.9
9	19.0	28.0	20.8	22.2	29.0	16.8	15.5	11.5	10.3	14.9	12.2	70	36	81	62	5.3	8.1	2.4	0.0	0
10	18.6	27.8	21.0	22.1	29.0	17.0	15.0	13.5	12.0	15.9	13.8	85	43	86	71	2.3	9.0	2.4	0.0	0
11	21.0	28.0	21.0	22.8	28.5	17.5	17.0	14.9	12.8	17.5	15.1	80	45	94	73	6.0	7.1	2.4	0.0	0
12	19.4	27.5	21.0	22.2	29.5	17.5	16.9	15.8	9.9	14.0	13.2	94	36	75	68	3.3	9.3	3.0	0.0	0
13	20.0	27.8	20.5	22.2	29.5	16.0	14.0	13.0	11.1	15.1	13.1	74	40	84	66	7.7	6.6	2.6	0.0	0
14	18.0	28.4	21.6	22.4	30.0	16.5	13.5	13.4	11.5	14.4	13.1	86	38	75	66	5.0	10.0	3.5	0.0	0
15	18.8	29.8	19.8	21.0	28.5	18.0	17.0	15.5	10.0	15.2	13.5	95	40	88	74	8.7	0.6	2.8	0.0	0
16	18.2	28.0	21.6	22.4	29.5	16.0	15.4	14.0	10.8	14.5	13.1	90	38	75	68	4.0	8.8	3.1	0.0	0
17	18.0	28.0	20.4	21.7	29.5	17.5	16.5	13.1	11.3	16.6	13.7	85	40	94	73	9.3	2.5	2.4	0.0	0
18	19.4	28.6	20.8	22.4	29.5	17.5	16.9	13.7	10.2	14.0	12.6	81	35	76	64	8.0	6.0	3.0	0.0	0
19	19.8	28.0	19.0	21.4	29.0	16.0	17.5	16.2	10.8	15.5	13.2	94	38	76	69	9.3	8.0	3.2	0.0	0
20	18.0	28.2	20.6	21.8	29.0	16.0	15.4	13.8	11.5	12.9	12.7	90	40	71	67	7.3	5.5	3.0	0.0	0
21	20.2	28.6	20.8	22.6	30.0	16.5	15.5	13.6	11.9	12.8	12.8	86	40	70	62	8.3	4.7	3.0	0.0	0
22	19.0	29.6	12.0	23.2	30.0	17.0	16.0	12.3	10.9	16.8	13.3	77	35	85	66	6.0	9.9	3.0	0.0	0
23	19.5	27.9	20.2	22.0	29.5	17.5	16.5	14.5	12.5	17.1	14.7	86	45	96	76	8.7	6.3	3.0	0.0	0
24	19.4	28.9	20.2	22.2	29.9	16.5	15.5	14.4	10.4	15.9	13.6	86	35	90	70	8.7	7.6	2.2	1.0	1.0
25	18.6	23.4	18.1	19.6	24.6	17.1	16.4	13.8	14.0	13.4	13.7	86	65	86	79	7.7	2.0	2.0	0.0	0
26	17.0	26.4	18.0	19.8	28.6	15.4	14.1	12.3	10.0	14.9	12.4	85	38	96	73	9.0	6.2	2.4	0.0	0
27	18.0	27.2	19.1	20.6	27.5	16.0	15.4	11.5	10.3	15.9	12.6	80	38	96	71	8.7	2.6	1.6	2.2	0.0
28	18.0	26.0	18.1	20.0	27.0	17.0	16.5	13.4	11.6	14.6	13.2	86	46	94	75	8.0	3.0	4.4	1.4	0.0
29	18.0	28.8	22.4	22.9	30.0	16.0	15.5	13.1	10.7	15.9	13.2	85	36	78	66	6.7	8.7	3.4	0.0	0
30	17.4	29.8	20.2	21.9	30.0	16.5	14.9	12.5	10.8	12.4	11.9	84	34	70	63	7.3	7.2	3.0	0.0	0
31	18.8	25.0	17.8	19.8	28.0	18.0	16.9	15.5	14.2	14.6	14.8	95	60	95	83	10.0	2.8	1.4	0.0	0
Med.	18.8	27.4	20.1	21.6	28.6	16.9	15.8	13.9	11.6	15.1	13.5	85	43	86	71	7.3	5.8	2.6	5.1	2.6

Precipitación total 159.3 mm.

DATOS DIARIOS

Estación SALASAR Año 19 68 $\phi = 7^{\circ} 44' N$ $\lambda = 72^{\circ} 49' WGR$ Altura 1.000 M.

Mes septiembre

Temperatura

Días	TEMPERATURAS				TENSION DEL VAPOR				Humedad Relativa %			NUBOSIDAD DECIMOS		Brillo Solar Horas		PRECIPITACION mm				VIENTOS									
	7	14	20	Med.	Máx.	Min.	Mínima	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA		
	°C	°C	°C	°C	°C	°C	°C	°C	%	%	%	%					mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
1	17.8	26.0	18.8	20.4	27.8	17.5	16.8	13.4	11.6	15.7	13.6	88	46	96	77	8.0	3.5	1.0	---	48.4	55.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	
2	19.0	27.0	21.0	22.0	27.5	16.5	15.4	14.1	12.5	15.9	14.2	86	46	86	73	8.0	2.0	7.4	---	---	4.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	20.0	28.0	21.0	22.5	29.5	18.6	17.6	15.0	11.6	17.8	14.8	86	41	96	74	8.0	5.3	4.9	---	---	---	2.2	0.0	0.0	0.0	0.0	0.0	0.0	
4	20.0	29.4	19.8	21.2	27.5	17.9	17.0	14.9	13.2	16.6	14.9	85	54	96	78	9.3	2.3	0.2	0.2	1.1	1.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	
5	18.6	28.7	20.0	21.8	29.6	16.9	16.0	12.9	10.4	14.1	12.5	80	35	80	65	5.0	2.0	---	---	---	---	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	19.0	29.6	21.0	22.6	30.0	17.6	16.8	14.5	10.6	14.9	13.3	88	34	80	67	3.0	10.0	---	---	---	---	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	20.2	29.1	21.8	23.2	29.9	17.9	16.4	14.3	12.1	14.7	13.7	80	40	75	65	9.7	1.3	---	---	---	---	2.6	0.0	0.0	0.0	0.0	0.0	0.0	
8	18.6	28.8	20.0	21.9	29.8	18.4	17.5	14.0	10.7	14.4	13.0	86	36	82	68	7.3	6.3	---	---	---	0.3	26.6	2.6	0.0	0.0	0.0	0.0	0.0	
9	19.6	27.2	22.6	23.1	28.0	17.5	16.8	13.7	11.1	17.0	13.9	80	41	86	69	8.0	3.9	26.3	---	---	---	56.0	1.4	0.0	0.0	0.0	0.0	0.0	
10	18.0	29.2	22.6	23.1	29.6	16.5	15.5	14.8	12.2	15.6	14.2	94	40	76	70	8.3	6.6	56.0	---	---	---	0.8	2.6	0.0	0.0	0.0	0.0	0.0	
11	19.0	27.2	19.1	21.1	27.5	17.6	16.9	11.5	12.3	16.2	13.3	70	45	98	71	7.3	5.8	0.8	---	---	---	29.9	30.1	1.8	0.0	0.0	0.0	0.0	
12	19.1	28.6	22.2	23.0	29.4	17.5	16.5	15.9	11.9	10.8	12.9	96	40	84	73	7.7	4.6	0.2	0.3	---	---	1.3	2.0	0.0	0.0	0.0	0.0	0.0	
13	19.6	29.4	20.2	22.4	30.5	17.5	16.0	14.4	11.0	17.1	14.2	85	36	96	72	7.0	6.8	1.0	---	---	---	1.2	1.8	0.0	0.0	0.0	0.0	0.0	
14	20.8	25.6	21.4	22.3	26.9	18.5	17.5	15.8	12.5	16.0	14.8	86	51	84	74	9.3	2.2	---	---	---	---	0.2	2.2	0.0	0.0	0.0	0.0	0.0	
15	21.0	27.6	19.6	22.0	28.5	17.5	16.4	16.3	11.2	15.5	14.3	88	41	91	73	6.3	4.9	0.2	---	---	---	12.9	13.7	1.8	0.0	0.0	0.0	0.0	
16	18.6	28.0	20.6	22.0	29.0	16.9	16.0	12.9	11.2	14.5	12.9	80	38	80	66	7.0	5.7	0.8	---	---	---	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	19.0	29.0	20.4	22.2	30.0	17.0	16.0	11.5	10.9	15.3	12.6	70	36	85	64	5.3	8.9	---	---	---	---	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	19.4	29.0	22.0	23.1	29.1	18.0	16.5	14.4	11.3	17.3	14.3	86	40	88	71	9.0	4.0	---	---	---	---	0.9	2.4	0.0	0.0	0.0	0.0	0.0	
19	17.0	29.6	19.0	21.2	30.0	16.5	15.6	12.3	11.2	15.5	13.0	85	36	94	72	6.0	8.2	---	---	---	---	19.1	15.1	3.0	0.0	0.0	0.0	0.0	
20	18.6	28.6	20.4	22.0	29.0	16.5	15.5	12.1	10.2	13.7	12.0	75	35	76	62	5.3	8.8	---	---	---	---	3.2	0.0	0.0	0.0	0.0	0.0	0.0	
21	18.0	27.5	20.0	21.4	28.1	15.5	14.0	11.5	12.7	14.1	12.8	74	46	80	67	6.3	3.2	---	---	---	---	2.4	0.0	0.0	0.0	0.0	0.0	0.0	
22	18.8	26.4	18.6	20.6	27.0	17.6	17.0	14.0	10.4	14.4	12.9	86	40	90	72	8.0	5.1	---	---	---	---	0.2	0.2	0.0	0.0	0.0	0.0	0.0	
23	16.6	28.4	20.0	21.2	29.0	15.8	15.0	11.3	11.0	13.7	12.0	80	38	78	65	5.7	4.1	---	---	---	---	---	3.0	0.0	0.0	0.0	0.0	0.0	0.0
24	18.5	29.2	21.0	22.4	29.5	16.0	14.5	12.4	12.2	16.7	13.8	78	40	90	69	7.0	5.4	---	---	---	---	---	0.6	2.2	0.0	0.0	0.0	0.0	0.0
25	18.0	28.0	21.3	22.2	30.0	17.5	16.0	13.4	10.0	14.7	12.7	86	35	78	66	6.3	7.0	---	---	---	---	---	---	2.4	0.0	0.0	0.0	0.0	0.0
26	20.0	30.2	22.0	23.6	31.0	17.6	15.9	11.4	11.1	13.8	12.1	65	35	70	57	6.7	8.5	---	---	---	---	---	4.0	3.4	0.0	0.0	0.0	0.0	0.0
27	19.4	21.0	19.1	19.6	28.0	18.5	17.0	15.8	11.5	16.4	16.6	94	94	98	95	10.0	0.5	4.0	15.7	23.6	39.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	19.0	21.0	18.8	20.9	27.4	17.6	16.0	15.9	12.2	16.3	14.6	96	45	100	80	9.3	1.3	0.1	---	---	---	77.3	80.1	1.0	1.0	1.4	1.0	0.0	0.0
29	18.3	27.2	21.6	22.2	27.3	17.5	16.5	14.0	12.3	17.4	14.6	90	45	96	77	9.3	0.9	2.8	---	---	---	7.4	8.0	1.4	1.0	1.6	1.0	0.0	0.0
30	18.0	29.2	19.2	21.4	30.0	17.3	16.0	14.6	9.3	12.6	12.2	94	30	76	67	6.0	7.1	0.6	---	---	---	---	2.8	0.0	0.0	0.0	0.0	0.0	0.0
31																													
Med.	18.9	27.9	20.5	21.9	28.9	17.3	16.2	13.8	11.6	15.3	13.6	84	42	86	71	7.3	5.1	3.6	0.5	7.3	11.3	2.3	---	---	---	---	---	---	---

Precipitación total 340.2 mm.

DATOS DIARIOS

Estación S. A. S. A. S. R. Año 1948 Mes Noviembre $\phi = 7^{\circ} 44' N$ $\lambda = 72^{\circ} 49' W$ W. O. R. Altura 1.000 M.

Días	TEMPERATURA °C					TENSIÓN DEL VAPOR m m					Humedad Relativa %			Brillo Solar Horas	PRECIPITACION m m			EVAPORACION m m	VIENTOS												
	7		14		20		7		14		20		7		14		20		7		14		20								
	Med.	Máx.	Mín.	Mínima Suelo.	Med.	Máx.	Mín.	Med.	Máx.	Mín.	Med.	Máx.	Mín.		DIREC. CION	FUERZA Km./hora	DIREC. CION		FUERZA Km./hora	DIREC. CION	FUERZA Km./hora	DIREC. CION	FUERZA Km./hora	DIREC. CION	FUERZA Km./hora						
1	19.0	28.4	21.0	22.4	28.5	16.5	14.6	12.5	11.7	15.9	13.4	76	40	86	67	6.3	8.7	—	—	—	—	2.8	00	0	10	1	00	0			
2	19.0	28.2	20.6	22.1	29.6	18.5	17.5	14.1	11.5	14.5	13.4	86	40	80	69	5.7	6.8	—	—	—	—	2.6	00	0	10	1	00	0			
3	20.0	28.0	20.4	22.2	29.5	18.0	16.0	15.0	11.3	14.5	13.6	86	40	80	69	8.3	8.9	—	0.2	—	—	2.6	00	0	16	1	00	0			
4	18.4	29.2	18.8	21.3	29.5	17.5	16.8	14.2	12.2	14.7	13.7	90	40	85	72	4.7	8.0	—	—	—	—	2.8	10	1	14	1	08	1			
5	20.0	29.0	21.4	23.0	29.0	17.5	15.5	14.2	12.1	17.1	14.5	81	40	90	70	7.7	7.5	—	—	0.1	0.2	2.2	00	0	10	1	00	0			
6	19.0	27.0	20.1	21.6	27.9	17.5	15.5	14.1	13.4	15.2	14.2	86	50	86	74	6.3	6.5	0.1	—	—	—	2.0	00	0	16	1	08	1			
7	19.6	28.8	20.8	22.5	29.5	17.5	15.8	14.3	12.1	14.7	13.7	84	40	80	68	7.0	8.0	—	—	—	—	3.0	00	0	16	1	10	1			
8	18.7	28.4	21.0	22.3	28.5	17.0	15.5	13.1	12.1	17.8	14.3	80	41	96	72	8.3	3.9	—	—	—	—	3.1	00	0	16	1	00	0			
9	20.0	28.6	21.0	22.6	29.0	18.5	17.0	15.3	11.9	16.7	14.6	88	40	90	73	7.7	7.2	—	—	—	—	2.3	00	0	16	1	00	0			
10	21.0	26.2	21.4	22.5	28.0	19.5	18.5	15.6	15.5	16.3	15.8	84	60	86	77	9.3	3.0	—	0.3	—	—	2.5	1.8	00	0	16	1	00	0		
11	18.0	26.2	18.5	20.3	27.5	17.6	17.0	14.6	14.3	12.9	13.9	94	56	80	77	6.7	4.8	2.2	0.2	0.2	0.5	1.8	00	0	14	1	00	0			
12	19.0	25.8	18.8	20.6	27.0	17.5	16.0	14.8	13.5	15.4	14.6	90	54	94	79	8.0	3.8	0.1	—	4.1	12.1	1.6	00	0	10	1	00	0			
13	18.1	27.0	20.0	21.3	28.5	16.6	15.5	13.4	10.7	16.4	13.5	86	40	94	73	9.3	6.3	8.0	—	—	—	0.6	2.1	2.0	00	0	12	1	00	0	
14	18.6	23.2	19.6	20.2	28.0	18.0	17.0	15.5	15.0	16.0	15.5	96	70	94	87	10.0	3.8	1.5	0.2	17.2	17.9	2.2	00	0	14	1	00	0			
15	18.0	25.4	19.0	20.4	26.5	16.5	15.0	13.9	14.6	15.5	14.7	90	60	94	81	8.3	4.3	0.5	0.2	24.4	70.8	1.0	00	0	12	1	10	1	00	0	
16	17.8	24.9	18.8	19.9	26.5	16.0	13.5	14.1	11.8	16.0	14.0	96	50	98	81	7.7	5.6	—	—	—	—	1.4	00	0	12	1	00	0			
17	17.2	24.9	18.8	19.9	26.5	16.0	13.5	14.1	11.8	16.0	14.0	96	50	98	81	7.7	5.6	—	—	—	—	1.4	00	0	12	1	00	0			
18	19.0	26.2	21.0	21.8	26.5	16.5	13.5	14.9	13.5	17.5	15.3	91	53	94	79	8.7	7.4	2.8	0.3	—	—	1.3	1.8	00	0	14	1	00	0		
19	20.6	25.0	20.2	21.5	25.9	18.5	16.5	16.2	14.2	16.3	15.6	90	60	93	81	8.7	1.3	1.0	—	—	—	—	1.2	00	0	12	1	00	0		
20	20.0	24.5	19.6	20.9	26.6	17.0	15.5	16.2	16.2	16.5	16.3	93	70	96	86	10.0	2.5	—	—	—	—	0.3	0.6	1.2	00	0	10	0	00	0	
21	20.0	25.9	21.8	21.7	27.5	18.5	17.5	16.6	14.9	18.8	16.8	95	60	94	84	10.0	2.7	0.3	—	—	—	—	0.8	2.3	1.4	00	0	16	1	10	1
22	20.0	27.2	19.8	21.7	27.5	17.5	16.5	16.9	13.5	16.2	15.5	96	50	94	80	7.0	5.8	1.5	—	—	—	—	2.0	00	0	16	1	10	1		
23	20.6	27.9	22.2	23.2	28.5	18.0	16.0	15.0	13.7	18.2	15.6	83	48	91	74	9.3	5.1	—	—	—	—	0.6	12.2	2.0	00	0	14	1	00	0	
24	20.0	22.0	19.0	20.0	28.0	17.6	16.0	16.9	17.8	16.9	16.9	96	90	96	94	9.3	2.6	11.6	11.6	10.1	22.7	1.0	00	0	10	1	00	0	0	0	
25	19.4	22.8	19.0	20.0	25.0	17.0	15.0	16.1	15.9	15.9	16.0	96	76	96	89	10.0	1.2	1.0	1.5	5.3	6.8	0.8	00	0	00	0	00	0	0	0	
26	18.0	25.4	19.0	20.4	26.0	16.0	14.5	14.9	13.6	15.9	14.8	96	53	96	82	10.0	2.7	—	—	—	—	1.7	1.7	1.2	00	0	12	1	00	0	
27	17.6	26.6	20.0	21.0	26.9	15.5	13.5	14.4	13.0	16.6	14.7	95	50	95	80	8.3	4.7	—	—	—	—	—	—	1.4	00	0	12	1	00	0	
28	17.0	27.0	20.1	21.0	27.0	15.5	13.5	12.3	16.3	15.1	15.1	85	40	93	73	7.3	8.5	—	—	—	—	0.1	—	2.2	00	0	16	1	00	0	
29	18.0	27.0	21.4	22.0	27.5	17.0	15.0	14.0	11.9	17.6	14.5	91	44	92	76	7.3	7.3	0.1	—	—	—	—	2.8	1.4	1	16	1	12	1	00	0
30	17.6	27.0	20.4	21.4	27.5	17.0	14.0	13.6	11.6	17.0	14.1	91	43	95	76	6.3	8.8	—	—	—	—	0.2	—	1.8	00	0	16	1	08	1	
31																															
Med.	19.0	26.5	20.1	21.4	27.6	17.3	15.6	14.7	13.4	16.1	14.8	89	52	91	77	8.1	5.4	2.6	0.5	6.3	9.3	1.9	—	—	—	—	—	—	—	—	

Precipitación total 280.1 m.m.

RESUMEN MENSUAL Y ANUAL

ESTACION: S.A.L.A.S.A.T.

AÑO: 1968

M E S	PRESION ATMOSFERICA SOBRE 800 MM.HG.			TEMPERATURA °C			TEMPERATURAS EXTREMAS °C						HUMEDAD RELATIVA %			TENSION DEL VAPOR MM. HG.			PRECIPITACION					
	MAYOR	MINOR	MEDIA	MAYOR	MINOR	MEDIA	MAYOR	MINOR	MEDIA	MAYOR	MINOR	MEDIA	MAYOR	MINOR	MEDIA	MAYOR	MINOR	MEDIA	PRECIPITACION					
																			7	14	20	7	14	20	SUMA
ENERO	17.0	25.4	19.2	20.1	26.2	15.7	29.9	V	32.0	2	14.7	18.4	10.7	14.7	6.7	4.0	2.2	9.7	4.4	18.7	40.6	11	14.8	31
FEBRERO	17.3	25.3	19.7	20.5	26.1	16.3	29.5	V	13.5	2	15.3	18.4	11.3	15.0	6.4	4.8	2.0	96.6	12.8	35.3	136.9	13	97.6	21
MARZO	17.6	25.2	20.2	20.8	26.1	16.6	29.3	23	14.1	6	15.5	18.4	11.9	15.2	7.1	3.2	1.9	25.8	7.7	44.9	81.8	14	26.5	18
ABRIL	18.9	24.3	20.0	20.8	25.6	17.4	28.0	6	15.5	4	16.2	17.7	11.0	15.4	8.5	1.8	1.2	328.7	35.7	359.7	760.7	24	103.6	9
MAYO	20.1	26.9	20.7	22.1	28.2	17.6	30.0	25	15.5	5	16.3	18.7	11.1	14.9	7.2	4.6	2.0	323.5	21.5	104.6	449.6	17	135.6	7
JUNIO	19.8	26.1	20.0	21.5	27.2	17.2	29.9	1	16.0	V	16.1	18.4	11.1	14.7	7.0	3.9	1.8	158.4	10.8	154.7	323.9	20	103.5	20
JULIO	19.8	27.0	20.4	21.9	28.2	17.4	30.3	4	15.9	6	16.2	18.4	9.0	13.8	6.1	5.3	2.2	39.5	6.1	15.3	41.4	14	11.0	18
AGOSTO	18.8	27.4	20.1	21.6	28.6	16.9	30.0	V	15.4	26	15.8	17.5	9.9	13.5	7.3	5.8	2.6	57.8	1.6	99.4	159.3	19	36.7	30
SEPTIEMBRE	18.9	27.9	20.5	21.9	28.9	17.3	31.0	26	15.5	21	16.2	17.8	10.0	13.6	7.3	5.1	2.3	106.7	16.2	218.3	340.2	19	80.1	28
OCTUBRE	18.6	26.4	20.0	21.2	27.7	17.2	29.5	V	15.0	V	16.0	18.0	11.0	14.3	8.2	4.8	2.0	338.1	36.2	101.8	476.1	24	145.6	17
NOVIEMBRE	19.0	26.5	20.1	21.4	27.6	17.3	29.6	1	15.5	V	15.6	18.8	10.7	14.8	8.1	5.4	1.9	76.9	14.8	188.2	280.1	20	122.5	17
DECEMBRE	17.7	25.7	19.7	20.7	26.8	16.4	29.0	29	14.0	31	14.8	17.7	9.0	14.5	8.1	5.2	1.6	78.4	2.5	85.5	166.2	14	59.9	15
MEDIA ANUAL	18.6	26.1	20.0	21.2	27.3	16.9	29.7	-	14.8	-	15.7	18.2	10.6	14.5	7.3	4.5	2.0	335.0	14.2	122.2	271.4	209	78.1	-

PRECIPITACION TOTAL: 3,256.8

PRECIPITACION MAXIMA: 145.6 X - 17

DIAS LLUVIOSOS: 209

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

AÑO: 1.968

ESTACION: Salazar

MESES	PRECIPITACION														TEMPERATURA											
	7 HORAS				14 HORAS				20 HORAS				TOTAL				Mínimo			Máximo						
	Más de: 01	10	20	50	Más de: 01	10	20	50	Más de: 01	10	20	50	Más de: 01	25	50	100	200	500	Abajo de 16°C	Entre 18°C	Máximo 25°C	Abajo de 16°C	Entre 18°C	Máximo 29°C		
ENERO	8	4	-	-	3	2	-	-	6	4	-	-	11	8	5	3	1	-	15	3	10	3	3	3		
FEBRERO	8	5	1	1	4	2	-	-	8	2	1	1	13	6	5	4	2	1	10	2	10	3	10	3		
MARZO	8	4	1	-	2	2	-	-	8	5	2	1	14	10	8	5	3	1	11	4	8	2	4	2		
ABRIL	24	16	9	6	2	12	5	1	22	17	9	6	24	21	19	18	16	11	2	4	9	-	-	-		
MAYO	14	12	6	4	2	6	3	1	12	8	3	2	17	15	14	10	8	5	2	10	-	10	-	10		
JUNIO	11	7	5	3	1	9	3	-	12	9	4	2	20	13	11	7	6	4	3	3	1	2	3	2		
JULIO	6	3	1	-	-	4	2	-	7	4	-	-	14	9	5	4	1	-	3	6	1	12	6	12		
AGOSTO	11	7	1	1	-	7	-	-	16	10	3	1	19	15	10	6	5	4	6	3	1	17	3	17		
SEPTBRE.	15	8	2	2	1	3	1	1	12	9	6	4	19	14	11	9	8	6	3	5	-	18	5	-		
OCTUBRE	19	15	6	3	2	13	3	1	14	11	3	2	24	21	18	15	13	6	3	3	6	1	4	4		
NOVIEMBRE	14	9	2	1	-	9	2	1	14	8	4	2	20	13	9	7	6	3	2	5	8	1	6	6		
DICIEMBRE	9	4	2	2	-	4	1	-	7	5	2	1	14	8	7	6	4	3	1	15	6	3	1	1		
SUMA ANUAL	171	94	34	23	9	76	26	5	1	136	92	38	209	153	122	94	73	44	21	78	60	45	78			

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.																								TOTAL
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	8-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-18	18-20	20-21	21-22	22-23	23-24	
ENERO	2	1	1	-	2	3	2	2	2	1	1	1	-	-	-	1	1	4	5	4	6	4	3	2	10
FEBRERO	4	3	2	3	2	3	3	2	3	2	1	1	-	-	1	2	2	4	3	3	5	5	5	5	15
MARZO	2	-	1	1	1	1	2	2	2	1	1	-	-	1	1	1	1	3	4	6	3	1	1	1	13
ABRIL	9	7	8	10	10	8	8	6	5	3	4	3	6	5	8	12	13	16	18	16	17	15	10	10	26
MAYO	8	4	4	6	5	5	5	2	3	-	1	-	2	2	3	4	3	7	7	9	9	10	9	11	21
JUNIO	4	4	3	2	4	4	3	6	3	1	1	1	1	4	6	5	8	7	5	8	7	6	5	21	21
JULIO	2	1	-	1	1	1	1	2	1	1	1	1	-	1	1	2	1	4	3	3	4	2	2	12	12
AGOSTO	4	5	4	2	2	3	2	3	1	-	-	-	1	3	1	6	5	9	8	7	8	6	5	2	19
SEPTBRE.	1	2	4	1	-	4	1	3	-	-	-	-	1	1	4	6	5	7	9	8	9	7	5	19	19
OCTUBRE	9	5	2	6	4	6	4	11	3	3	1	1	1	3	3	2	4	2	6	10	12	11	10	7	23
NOVIEMBRE	5	3	2	1	1	1	-	8	1	-	1	1	-	2	4	7	2	4	9	9	6	6	4	5	21
DICIEMBRE	4	3	2	2	2	1	1	1	-	-	-	-	2	2	4	3	2	4	3	3	5	2	2	16	16
SUMA ANUAL	54	38	33	34	34	39	31	49	24	14	13	10	16	22	30	44	47	63	82	82	89	85	64	57	216

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Año 1-1968

Estación: B O L S O N

MESES	TOTAL			No. PRECIPITACIONES		CANTIDAD		DURACION				PRECIPITACION MAXIMA				DURACION MAXIMA				
	m. m.	Días	Noche	Día	Noche	Total	Noche	Día	Noche	Total	m. m.	Durec.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	hr. min.	m. m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (excl.)
Enero	40.6	11	10	22	32	16.1	24.5	10:45'	20:20'	31:05'	11.5	6:30'	0.03	1.5	0.3	6:30'	11.5	0.03	1.5	0.3
Febrero	136.9	13	13	15	28	37.5	99.4	8:55'	29:10'	38:05'	75.0	14:25'	0.09	5.0	1.0	14:25'	75.0	0.09	5.0	1.0
Marzo	81.8	14	11	11	22	51.4	30.4	12:00'	12:45'	24:45'	26.2	2:05'	0.21	5.5	1.1	4:05'	13.7	0.06	1.9	0.5
Abril	760.7	24	45	38	83	436.6	324.1	88:05'	71:00'	159:05'	100.3	17:00'	0.07	3.0	0.6	17:30'	100.3	0.07	3.0	0.6
Mayo	449.6	17	15	29	44	87.7	361.9	29:55'	56:10'	86:05'	131.3	7:55'	0.28	10.0	2.0	7:55'	131.3	0.28	10.0	2.0
Junio	323.9	20	25	23	48	72.7	251.2	27:30'	38:10'	65:40'	87.0	7:00	0.21	6.5	1.3	7:00'	87.0	0.21	6.5	1.3
Julio	41.4	14	13	10	23	23.3	18.1	15:25'	7:45'	23:10'	10.0	2:35'	0.06	2.9	0.6	4:15'	5.4	0.02	0.5	0.1
Agosto	159.3	19	27	18	45	94.9	64.4	25:50'	29:15'	55:05'	30.3	2:55'	0.17	10.0	2.0	7:15'	12.2	0.03	2.2	0.4
Septbre.	340.2	19	17	27	44	243.3	96.9	32:55'	18:15'	51:10'	78.5	5:25'	0.24	10.0	2.0	5:30'	54.3	0.16	8.0	1.6
Octbre.	476.1	24	26	37	63	91.9	384.2	29:55'	56:25'	86:20'	144.4	6:30'	0.37	9.6	1.9	6:30'	144.4	0.37	9.6	1.9
Novbre.	280.1	20	28	19	47	206.4	73.7	30:55'	19:00'	49:55'	122.4	3:30'	0.58	0.0	2.0	8:20'	22.7	0.04	4.5	0.9
Dicbre.	166.2	14	12	10	22	81.8	74.4	12:20'	16:00'	28:20'	59.9	3:05'	0.32	10.0	2.0	6:25'	35.2	0.09	2.0	0.4
TOTALES	3256.8	209	242	259	501	1453.6	1803.2	324:30'	374:15'	698:45'	876.8	79:25'	XX	XX	XX	95:40'	693.0	XX	XX	XX

DATOS DIARIOS

Estación

Borthea

Mes

Enero

AÑO 1968

φ = 55° 53' N

λ = 73° 26' WGR

Altura 1.764 M.

Días	TEMPERATURAS °C						TENSION DEL VAPOR mm						Humedad Relativa %			NIEBOS DECIMOS		Brillo Solar Horas		PRECIPITACION mm			EVAPORACION mm			VIENTOS					
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20		
	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	DIREC. CION	FUERZA Km./hora	DIREC. CION	FUERZA Km./hora	DIREC. CION	FUERZA Km./hora	
1	16.1	23.6	13.6	16.7	24.0	10.5	10.0	11.0	9.6	11.8	10.8	80	44	100	75	4.0	8.8	—	—	—	—	—	—	2.3	1.0	0	06	3	06	2	
2	9.1	23.4	15.2	15.7	26.2	7.0	5.2	8.2	8.7	10.6	9.2	97	40	82	73	6.0	9.3	—	—	—	—	—	—	3.1	1.0	0	06	3	06	3	
3	8.2	25.2	13.0	14.8	25.6	6.0	5.0	7.1	9.6	10.9	9.2	98	40	97	78	7.0	10.1	—	—	—	—	—	—	3.3	1.0	0	06	3	06	2	
4	11.7	23.9	15.4	16.6	25.7	5.2	4.8	9.7	10.2	12.5	10.8	94	46	95	78	6.0	8.8	—	—	—	—	—	—	3.0	1.0	0	06	3	06	0	
5	11.4	23.9	16.6	17.1	25.3	9.0	8.4	9.6	10.6	12.7	11.0	95	48	89	77	5.0	9.2	—	—	—	—	—	—	3.3	1.0	0	06	3	06	2	
6	10.0	25.0	17.0	17.2	25.2	8.6	7.4	8.9	10.6	13.8	11.1	96	45	95	79	5.3	10.0	—	—	—	—	—	—	3.0	1.0	0	06	3	06	0	
7	10.3	25.4	17.0	17.4	25.7	6.0	5.0	9.0	9.8	13.6	10.1	96	40	80	72	7.0	9.7	—	—	—	—	—	—	3.0	1.0	0	04	2	00	0	
8	8.2	25.0	15.0	15.8	26.0	5.5	3.2	7.1	7.9	12.1	9.0	98	34	95	76	5.7	8.6	—	—	—	—	—	—	3.2	1.0	0	06	3	06	0	
9	11.5	24.2	17.0	17.4	25.5	7.4	6.5	9.7	9.9	9.5	9.7	95	44	65	68	4.0	7.7	—	—	—	—	—	—	2.4	0.6	2	06	2	00	0	
10	13.0	27.0	16.5	18.2	28.6	7.7	4.0	10.9	6.7	9.9	9.2	97	25	70	64	6.3	9.7	—	—	—	—	—	—	3.4	1.0	0	06	2	06	2	
11	10.0	24.8	16.5	17.0	25.4	7.0	4.2	8.8	11.8	13.8	11.5	95	50	98	81	5.7	5.1	—	—	—	—	—	—	3.2	1.0	0	06	2	06	2	
12	11.7	25.8	17.4	18.1	26.0	9.8	8.0	9.9	10.0	14.2	11.4	95	40	96	77	8.0	4.7	—	—	—	—	—	—	2.2	1.0	0	06	2	06	2	
13	11.8	24.5	18.2	18.2	26.3	9.9	7.0	9.9	9.3	14.9	11.4	96	40	95	77	6.3	8.0	—	—	—	—	—	—	7.1	2.2	1.0	0	16	2	16	2
14	16.4	24.0	16.0	18.1	25.2	12.2	11.0	13.4	13.5	12.8	13.2	96	60	94	83	6.3	6.0	—	—	—	—	—	—	2.0	1.0	0	06	0	00	0	
15	14.9	23.8	15.0	17.2	24.0	12.5	10.0	12.0	12.8	12.3	12.4	95	58	96	83	6.3	6.3	—	—	—	—	—	—	2.0	1.0	0	06	0	00	3	
16	11.3	24.8	16.4	17.2	26.0	9.5	8.0	9.7	11.8	14.1	11.9	98	50	100	83	7.0	9.0	—	—	—	—	—	—	8.3	9.3	2.3	1.0	0	00	0	
17	11.8	23.0	16.4	16.9	25.7	9.8	8.8	9.9	10.6	13.7	11.4	96	50	98	81	5.7	9.9	—	—	—	—	—	—	0.3	3.4	1.0	0	10	2	06	3
18	14.3	25.0	18.0	18.8	26.6	9.5	8.4	11.9	10.1	15.3	12.4	98	43	99	80	6.7	8.9	—	—	—	—	—	—	2.3	1.0	0	06	2	06	2	
19	12.3	25.6	19.0	19.0	26.5	11.0	9.6	10.3	12.3	15.9	12.8	97	50	96	81	5.0	9.0	—	—	—	—	—	—	1.4	1.0	0	00	0	00	0	
20	14.3	25.4	18.0	18.9	26.0	11.1	9.1	12.0	14.6	14.7	13.8	99	60	95	85	5.0	9.2	—	—	—	—	—	—	2.4	1.0	0	00	0	00	0	
21	15.0	23.0	17.1	18.0	25.2	13.0	11.1	11.5	12.6	13.8	12.6	96	60	95	82	5.0	6.8	—	—	—	—	—	—	1.3	1.0	0	00	0	00	0	
22	17.0	23.4	17.0	18.1	25.0	14.9	14.0	14.0	13.6	13.1	13.6	96	64	96	85	6.3	7.1	—	—	—	—	—	—	2.0	1.0	0	10	2	00	0	
23	16.4	24.3	17.8	19.1	25.4	14.5	14.0	13.7	10.4	14.7	12.9	98	46	96	80	5.3	7.3	—	—	—	—	—	—	2.4	1.0	0	08	2	00	0	
24	16.0	22.4	16.0	17.6	24.0	15.2	14.0	13.0	12.1	13.1	12.7	95	60	96	84	7.0	4.4	—	—	—	—	—	—	2.1	1.0	0	08	2	00	0	
25	15.4	23.7	14.4	17.0	26.0	14.2	12.5	12.5	12.5	14.0	12.3	96	56	98	83	8.3	4.5	—	—	—	—	—	—	2.1	1.0	0	06	2	00	0	
26	14.0	25.0	17.6	18.6	25.5	11.7	11.0	11.4	11.9	13.5	12.3	95	50	90	78	7.7	9.4	—	—	—	—	—	—	3.0	0.6	2	00	0	00	0	
27	12.8	25.0	19.2	19.0	26.5	7.2	6.5	10.6	11.9	15.0	12.5	96	50	90	79	7.7	10.3	—	—	—	—	—	—	3.1	1.0	0	06	2	06	2	
28	16.0	24.0	18.2	19.1	25.0	11.8	9.5	13.0	12.4	14.0	13.1	95	56	90	80	5.3	8.3	—	—	—	—	—	—	2.3	1.0	0	06	2	00	0	
29	16.4	22.0	18.0	18.6	23.0	15.3	14.1	13.3	13.0	14.7	13.7	95	66	95	85	8.7	2.4	—	—	—	—	—	—	2.2	1.0	0	16	2	00	0	
30	15.2	24.4	14.6	17.2	25.0	12.0	7.0	12.7	10.3	11.9	11.6	96	45	96	80	8.7	6.1	—	—	—	—	—	—	2.1	1.0	0	00	0	00	0	
31	15.0	22.0	17.4	18.0	23.3	11.8	10.6	12.7	9.8	14.6	12.4	99	50	98	82	6.7	1.8	—	—	—	—	—	—	1.4	0.8	3	00	0	00	0	
Med.	13.1	24.3	16.6	17.6	25.5	10.2	8.6	10.9	11.0	13.1	11.7	96	49	93	79	6.3	7.6	—	—	—	—	—	—	0.4	0.6	1.0	—	—	—	—	

Precipitación total 30.9 mm.

DATOS DIARIOS

Estación Portaba Mes marzo Año 1968 $\phi = 5^{\circ} 53' N$ $\lambda = 73^{\circ} 26' WGR$ WGR Altura 1.764 M.

Días	TEMPERATURA °C					TENSION DEL VAPOUR m m					Humedad Relativa %			Brillo Solar Horas	PRECIPITACION m m			EVAPORACION m m			VIENTOS									
	7.	14	20	Med.	Mín.	Máx.	Mín.	Med.	20	7	14	20	Med.		7	14	20	Total	7	14	20	DIRECCION	FUERZA Km./Hrs	DIRECCION	FUERZA Km./Hrs	DIRECCION	FUERZA Km./Hrs			
																												Med.	Med.	Med.
1	14.7	24.0	18.0	18.7	25.0	13.8	12.4	12.1	11.2	14.6	12.6	96	94	80	8.7	4.7	—	—	—	—	—	06	2	00	0	06	2	00	0	
2	15.0	24.0	16.7	18.1	25.2	12.8	12.0	12.5	11.2	14.1	12.6	98	98	82	6.7	4.9	—	—	—	—	—	06	1	00	0	06	1	00	0	
3	16.3	25.0	15.4	18.0	25.5	14.6	14.0	13.9	10.8	13.1	12.6	100	46	100	82	10.0	8.2	10.0	0.8	0.1	—	—	—	—	—	—	—	—	—	—
4	13.6	24.1	16.6	17.8	26.4	9.9	8.0	11.8	10.4	12.8	11.7	100	46	90	79	10.0	4.1	—	—	—	—	—	—	—	—	—	—	—	—	—
5	9.7	24.8	18.8	18.0	25.8	8.0	5.6	8.6	10.5	13.7	10.9	98	45	85	76	10.0	8.5	—	—	—	—	—	—	—	—	—	—	—	—	—
6	8.2	24.9	17.3	16.9	26.0	5.8	3.8	7.3	9.4	12.5	9.7	100	40	85	75	10.0	9.3	—	—	—	—	—	—	—	—	—	—	—	—	—
7	11.0	23.7	17.0	17.2	25.5	10.6	8.0	9.8	9.9	12.5	10.7	100	45	86	77	10.0	2.2	—	—	—	—	—	—	—	—	—	—	—	—	—
8	10.3	22.6	16.0	16.2	23.0	9.7	8.4	9.1	10.4	13.1	10.9	97	50	96	81	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	11.0	26.0	16.3	17.4	26.4	7.7	6.5	9.4	11.1	13.9	11.5	95	45	100	80	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	14.0	25.4	18.4	19.0	26.6	13.4	12.0	11.5	11.6	15.1	12.7	96	48	95	80	10.0	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—
11	13.4	24.5	17.0	18.0	25.3	12.7	11.0	11.0	10.3	14.0	11.8	96	45	96	79	9.7	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—
12	13.2	25.7	18.4	18.9	26.6	11.0	9.2	11.4	10.0	13.7	11.7	100	40	86	75	10.0	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—
13	11.8	26.1	18.8	18.8	26.9	8.8	8.9	9.7	10.0	13.7	11.1	96	40	85	74	10.0	9.0	—	—	—	—	—	—	—	—	—	—	—	—	—
14	12.4	25.3	17.4	18.0	26.9	9.5	7.7	9.7	11.6	15.0	12.1	96	48	100	81	10.0	8.1	—	—	—	—	—	—	—	—	—	—	—	—	—
15	12.4	25.8	17.0	18.0	26.0	11.9	9.0	10.3	11.2	14.0	11.8	96	45	96	79	10.0	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—
16	14.8	23.9	18.5	18.9	25.0	13.9	13.0	12.1	10.2	14.3	12.2	96	46	90	77	10.0	2.1	0.6	—	—	—	—	—	—	—	—	—	—	—	—
17	15.0	21.8	17.0	17.7	25.2	13.9	13.0	12.1	12.8	14.0	13.0	95	65	96	85	10.0	3.7	5.9	—	—	—	—	—	—	—	—	—	—	—	—
18	14.4	23.3	16.4	17.6	25.0	13.8	12.6	11.8	12.8	14.1	12.9	96	60	100	85	8.0	5.4	1.4	—	—	—	—	—	—	—	—	—	—	—	—
19	15.4	21.6	15.2	16.8	25.0	14.4	13.6	12.5	12.7	13.0	12.7	95	66	100	87	9.0	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—
20	11.2	23.9	17.2	17.4	25.5	10.9	10.0	9.6	12.2	14.8	12.2	96	55	100	84	7.7	4.9	—	—	—	—	—	—	—	—	—	—	—	—	—
21	13.0	22.0	15.8	16.6	25.3	12.0	10.8	10.7	11.9	12.8	11.8	96	60	95	84	8.7	4.5	0.3	—	—	—	—	—	—	—	—	—	—	—	—
22	11.8	27.4	18.8	19.2	26.1	9.9	9.0	9.9	6.0	14.2	10.0	95	22	87	73	8.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	11.0	26.3	17.6	18.3	28.1	11.8	6.5	9.2	6.6	14.2	10.0	93	25	94	71	8.7	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—
24	15.0	22.2	17.4	18.0	24.2	11.8	10.5	12.3	11.2	13.3	12.3	96	55	96	80	10.0	2.5	1.4	—	—	—	—	—	—	—	—	—	—	—	—
25	16.5	25.0	18.4	19.6	25.4	14.9	14.0	12.7	9.6	13.2	11.8	90	64	71	6.0	8.7	4.7	—	—	—	—	—	—	—	—	—	—	—	—	—
26	13.0	25.3	16.8	18.1	26.4	11.9	11.0	10.1	10.0	12.9	11.0	90	40	90	71	7.1	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—
27	14.0	24.0	16.8	17.9	26.3	12.8	12.0	11.4	10.7	13.8	12.0	95	48	96	80	9.3	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—
28	14.0	27.9	18.4	19.7	25.0	11.3	10.6	11.5	7.0	13.9	10.8	96	25	88	70	7.0	1.1	0.2	—	—	—	—	—	—	—	—	—	—	—	—
29	14.6	22.6	18.8	18.7	26.6	12.5	11.0	11.7	10.4	14.0	12.0	94	50	86	77	9.0	2.4	19.0	—	—	—	—	—	—	—	—	—	—	—	—
30	13.8	25.0	18.1	19.2	25.5	12.6	10.2	11.3	11.9	13.2	12.1	96	50	80	75	8.3	5.0	0.7	—	—	—	—	—	—	—	—	—	—	—	—
31	15.4	25.2	19.9	20.1	26.6	13.8	11.9	12.5	9.4	12.9	11.6	95	38	74	69	8.7	6.4	0.1	—	—	—	—	—	—	—	—	—	—	—	—
Med	13.2	24.5	17.5	18.2	25.8	11.9	10.2	11.0	10.5	13.7	11.7	96	46	92	78	9.0	5.6	1.1	0.1	2.2	3.4	2.2	3.4	2.2	3.4	2.2	3.4	2.2	3.4	2.2

Precipitación total : 105.9 mm.

DATOS DIARIOS

Estación B. o. r. t. a. s. Mes Mayo Año 1958 $\varphi = 52^{\circ} 53' N$ $\lambda = 131^{\circ} 26' W$ W. O. R. Altura 1.164 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa %			Brillo Solar Horas			PRECIPITACION						VIENTOS									
	Med.		Máx. Min.		Mínima Suelo		Med.		14		20		Med.		7		14		20		Total		7		14		20		7		14		20	
	7	14	20	Med.	Máx.	Min.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA		
1	16.0	25.5	17.3	19.0	26.0	13.8	13.0	13.7	9.8	13.2	12.2	100	40	90	77	6.2	9.1	4.3	—	—	—	—	2.0	00	00	00	00	00	00	00	00			
2	16.6	26.2	16.8	19.1	27.0	13.8	13.0	12.8	7.7	12.9	11.1	90	30	90	70	4.7	6.4	—	—	—	—	17.3	18.4	3.0	00	00	00	00	00	00	00			
3	15.6	24.0	17.6	25.6	11.8	11.0	12.5	11.2	11.2	14.0	12.6	94	50	91	79	7.3	4.9	3.1	—	—	—	—	2.0	00	00	16	3	06	3	00				
4	13.3	25.5	16.1	17.8	25.8	11.9	11.3	11.1	10.7	12.3	11.4	98	44	90	77	7.7	7.5	—	—	—	—	15.4	26.0	2.1	00	00	00	02	2	00	0			
5	15.0	26.3	17.0	18.8	27.0	13.9	12.6	10.8	12.8	13.8	12.5	85	50	95	77	6.3	4.7	10.6	—	—	—	7.0	19.6	2.0	00	00	00	06	2	00	0			
6	15.6	22.6	16.4	17.8	23.0	14.7	13.7	12.8	11.4	13.3	12.5	96	55	95	82	9.3	4.7	3.6	0.3	2.7	5.1	—	1.3	00	00	00	14	2	00	0				
7	17.0	22.1	17.4	18.5	22.4	14.9	14.0	12.5	11.0	13.3	12.3	86	55	90	77	9.3	5.3	2.1	0.4	6.1	37.6	—	1.2	00	00	00	00	00	00	00	0			
8	15.4	21.8	17.4	18.0	23.3	14.3	13.6	11.8	10.6	13.1	11.9	90	54	90	78	10.0	1.4	31.1	—	—	—	9.7	1.0	00	00	00	00	00	00	00	00			
9	15.1	17.9	16.6	16.6	24.3	14.8	13.4	12.0	13.7	13.5	13.1	94	90	95	93	9.3	5.9	9.7	—	—	—	4.2	8.2	1.2	00	00	00	00	00	00	00	0		
10	15.6	23.9	16.5	18.1	24.6	14.9	14.0	12.5	10.2	11.4	11.4	94	46	81	74	8.7	6.6	4.0	—	—	—	0.7	4.3	2.2	00	00	00	00	00	00	00	0		
11	14.6	22.2	18.4	18.4	23.8	13.8	12.4	12.0	12.0	12.8	12.3	95	60	80	78	4.7	5.9	3.6	—	—	—	—	1.2	00	00	00	00	00	00	00	00	0		
12	14.9	23.2	18.8	18.4	25.4	14.4	13.5	10.5	12.8	14.6	12.6	95	60	90	82	7.3	8.6	—	—	—	—	—	11.6	2.4	00	00	00	00	00	00	00	0		
13	13.8	25.0	14.7	17.0	26.8	13.3	12.2	11.3	11.9	11.8	11.7	96	50	94	80	8.7	4.0	22.4	—	—	—	—	32.8	2.4	00	00	14	1	00	00	00	0		
14	14.0	23.7	15.8	17.3	24.0	13.6	12.2	11.8	9.9	12.1	11.3	96	45	90	78	8.3	4.7	22.4	—	—	—	—	1.4	1.4	2.2	00	00	00	00	00	00	00	0	
15	14.9	19.2	16.0	16.5	24.5	13.6	12.4	12.1	12.6	12.1	12.1	96	76	89	87	7.7	4.8	—	—	—	—	0.4	3.1	8.5	1.1	00	00	00	00	00	00	00	0	
16	15.4	24.2	16.5	18.2	24.6	13.8	12.8	12.6	10.1	12.4	11.7	96	45	88	76	6.3	5.0	5.0	—	—	—	—	2.0	00	00	00	00	00	00	00	00	00	0	
17	15.0	22.8	18.0	18.4	24.7	13.1	12.0	12.3	12.5	13.1	12.6	96	60	85	80	10.0	7.9	—	—	—	—	—	—	21.6	2.3	00	00	00	00	00	00	00	0	
18	15.5	20.1	15.0	16.4	22.1	14.6	14.0	12.7	13.6	12.1	12.8	96	75	95	89	7.0	3.0	21.6	0.8	5.0	—	—	5.8	0.4	00	00	00	00	00	00	00	00	0	
19	14.4	20.1	16.8	17.0	23.4	13.7	12.0	11.0	12.4	13.6	12.3	90	70	95	85	6.7	4.2	—	—	—	—	2.6	0.9	1.0	00	00	00	00	00	00	00	00	0	
20	13.4	22.0	16.0	16.8	24.1	10.5	10.0	11.0	11.0	12.3	11.4	96	55	90	80	5.7	6.4	0.1	1.4	3.7	—	—	3.7	1.3	00	00	00	00	00	00	00	00	0	
21	15.0	21.4	15.5	17.4	24.2	14.4	13.0	12.1	8.7	12.5	11.1	95	40	95	77	7.1	3.9	0.9	0.1	4.1	4.8	—	1.3	1.0	00	00	00	06	2	00	00	0		
22	15.3	23.6	16.4	17.9	24.0	14.8	13.6	12.3	8.7	13.2	11.4	95	40	94	76	7.7	5.8	0.6	—	—	—	—	2.5	3.0	0.4	00	00	00	02	2	00	00	0	
23	13.6	24.0	15.9	17.4	26.5	14.8	13.0	9.4	11.2	11.2	10.6	80	50	84	71	6.3	5.1	0.5	—	—	—	—	—	2.0	00	00	00	00	00	00	00	00	0	
24	15.0	20.8	17.6	17.8	24.8	13.8	13.6	11.5	13.3	14.2	13.0	90	72	94	85	6.3	6.4	—	—	—	—	1.2	—	1.2	1.0	00	00	00	00	00	00	00	00	0
25	14.0	25.0	18.4	19.0	27.0	13.1	12.8	11.5	10.4	15.1	12.3	96	44	95	78	9.3	4.7	—	—	—	—	—	6.1	21.4	1.4	00	00	00	00	00	00	00	00	0
26	17.7	21.6	15.8	17.7	23.2	14.0	13.4	12.4	10.8	12.7	12.0	82	56	94	77	7.0	2.5	17.3	0.1	5.8	12.4	—	—	1.4	00	00	00	00	00	00	00	00	00	0
27	15.4	22.4	16.4	17.6	24.0	13.9	13.0	12.5	12.9	13.2	12.9	95	60	94	83	8.0	2.4	6.5	—	—	—	—	0.6	1.2	00	00	00	06	2	00	00	00	0	
28	15.0	21.0	16.4	17.2	25.7	14.1	13.0	12.0	14.9	13.3	13.4	94	80	95	90	8.7	6.6	0.6	6.1	0.6	13.4	—	—	1.4	00	00	00	00	00	00	00	00	00	0
29	16.0	21.5	16.5	17.6	25.0	14.3	13.6	12.0	11.9	13.4	12.4	88	62	95	82	6.0	4.3	6.7	—	—	—	—	0.5	0.5	1.0	00	00	00	00	00	00	00	00	0
30	15.4	22.0	16.4	17.6	22.9	14.6	13.0	12.9	8.0	12.6	11.2	98	40	90	76	8.0	0.3	—	—	—	—	—	0.2	1.0	00	00	00	00	00	00	00	00	00	0
31	17.4	20.5	17.0	18.0	22.3	14.9	14.2	14.2	13.0	12.9	13.4	96	71	89	85	8.7	1.3	—	—	—	—	—	0.5	1.5	6.0	1.0	00	00	00	00	00	00	00	0
Med.	15.1	22.7	16.7	17.8	24.5	13.7	12.7	12.0	11.3	13.0	12.1	93	56	91	80	7.5	4.9	5.9	0.4	4.1	10.4	—	—	1.5	—	—	—	—	—	—	—	—	—	—

Precipitación total : 323.8 m.m.

DATOS DIARIOS

Estación Bertha Mes Junio Año 1968 $\phi = 51^{\circ} 53' N$ $\lambda = 76^{\circ} 26' W$ G.R. Altura 1.764 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa						NUBESIDAD HORAS	PRECIPITACION						EVAPORACION						VIENTOS					
	7		14		20		7		14		20		7		14		20			7		14		20		7		14		20		7		14		20	
	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.		Med.	7	14	20	Total	DIREC. Km./Hora	FUERZA Km./Hora	DIREC. Km./Hora	FUERZA Km./Hora	DIREC. Km./Hora	FUERZA Km./Hora	DIREC. Km./Hora	FUERZA Km./Hora					
1	15.0	21.4	16.0	17.1	22.3	14.4	13.8	12.1	11.5	13.0	12.2	95	60	95	83	10.0	1.5	4.0	0.6	61.8	67.3	0.3	00	0	00	0	00	0	00	0	00	0					
2	15.0	21.9	14.8	16.6	22.8	14.6	13.6	10.8	9.6	11.7	10.7	85	50	93	76	9.0	2.1	4.9	0.3	23.1	28.0	0.4	00	0	00	0	00	0	00	0	00	0					
3	16.6	21.4	15.8	17.4	24.0	13.8	13.1	12.0	9.8	12.7	11.5	85	52	94	77	8.0	3.9	4.6	—	—	1.9	1.0	00	0	00	0	00	0	00	0	00	0					
4	14.3	22.1	16.0	17.1	23.6	13.8	12.0	11.6	11.2	12.4	11.7	96	55	91	81	8.3	1.5	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
5	16.2	22.4	15.8	17.6	23.0	14.6	13.4	11.8	10.3	12.5	11.5	85	50	93	76	9.3	4.9	0.3	4.5	7.5	31.4	1.1	00	0	00	0	00	0	00	0	00	0					
6	14.8	18.0	14.4	15.4	18.2	14.4	13.1	11.3	11.2	11.7	11.4	90	72	93	85	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
7	15.8	22.8	14.2	16.9	23.0	12.6	11.6	10.7	9.6	11.6	10.6	80	46	94	73	2.3	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
8	17.0	23.8	15.4	17.4	25.0	11.4	10.4	9.5	12.4	12.2	11.4	65	63	93	74	5.7	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
9	12.7	21.8	16.6	17.4	25.5	10.8	9.4	10.6	11.3	12.6	11.5	96	51	89	79	4.7	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
10	16.0	25.8	15.6	18.2	26.5	13.9	13.1	11.6	8.2	12.1	10.4	85	30	91	69	1.3	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
11	14.2	24.8	16.6	18.0	25.2	11.9	11.0	11.5	8.2	12.8	10.8	95	35	90	73	6.3	3.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
12	11.6	21.0	14.9	15.6	23.0	10.4	9.7	9.6	13.0	12.0	11.6	96	70	95	87	6.0	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
13	14.0	21.0	17.7	18.1	25.3	10.9	9.8	11.4	11.5	13.7	12.2	95	54	90	80	6.3	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
14	13.4	22.9	15.6	16.9	25.0	10.8	9.2	10.4	10.5	12.6	11.2	90	50	95	78	6.0	7.2	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
15	13.0	24.9	17.6	18.3	26.0	10.8	9.0	10.5	9.4	13.5	11.1	95	40	90	75	4.7	9.4	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
16	15.0	18.0	13.6	15.0	25.0	13.8	12.6	11.5	11.6	11.1	11.4	90	75	95	87	8.3	3.0	2.2	0.3	1.2	1.5	0.4	00	0	00	0	00	0	00	0	00	0	00	0			
17	13.3	20.9	16.6	16.9	22.8	10.7	9.2	10.8	13.3	13.3	12.5	95	72	94	87	7.0	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
18	15.4	17.8	15.9	16.2	23.0	14.7	14.0	12.5	12.8	12.9	12.7	95	83	96	91	8.0	4.1	0.9	2.0	4.1	6.5	0.4	00	0	00	0	00	0	00	0	00	0	00	0			
19	12.7	22.1	14.6	16.0	23.4	10.9	10.0	10.5	11.9	11.5	11.3	95	60	93	83	8.0	3.5	0.2	1.1	10.3	11.5	1.0	00	0	00	0	00	0	00	0	00	0	00	0			
20	11.9	23.7	16.2	17.0	24.8	10.8	9.8	9.9	8.9	12.7	10.5	95	40	92	76	9.3	6.8	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
21	13.8	24.8	14.9	16.9	24.4	11.8	10.8	11.3	11.2	12.0	11.5	96	50	95	80	4.7	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
22	14.9	22.0	17.5	18.5	23.0	13.8	12.5	12.0	11.0	13.4	12.1	91	55	90	80	7.0	4.0	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
23	15.2	20.3	15.2	16.5	21.4	14.6	13.1	11.0	12.5	12.2	11.9	85	71	94	83	6.0	3.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
24	15.0	24.8	16.4	18.2	25.3	13.3	12.4	12.1	9.4	13.2	11.6	95	40	94	76	6.7	7.7	0.1	0.1	1.8	1.9	2.0	00	0	00	0	00	0	00	0	00	0	00	0			
25	14.3	18.4	15.0	15.7	23.0	11.7	10.4	11.4	11.7	11.6	11.6	94	73	92	86	10.0	1.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
26	13.9	20.4	17.0	17.1	23.4	12.6	11.5	11.5	12.9	13.8	12.7	96	72	95	88	8.0	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
27	13.2	23.1	15.9	17.0	23.8	11.7	9.8	11.1	10.6	12.8	11.5	98	50	95	81	6.7	5.2	7.3	0.2	21.6	22.8	1.1	00	0	00	0	00	0	00	0	00	0	00	0			
28	14.1	23.5	16.4	17.6	23.8	13.8	11.0	11.4	8.6	12.9	11.0	95	40	92	76	4.7	4.1	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
29	15.4	21.4	17.7	18.1	24.9	13.8	13.0	12.6	12.6	13.7	13.0	96	66	90	84	6.0	4.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
30	15.0	21.4	16.4	17.3	22.4	12.0	11.6	12.0	15.3	13.1	13.5	94	80	91	89	10.0	3.2	0.5	1.3	15.1	20.4	1.1	00	0	00	0	00	0	00	0	00	0	00	0			
31																																					
Med.	14.4	22.0	15.9	17.0	23.7	12.6	11.4	11.2	11.0	12.6	11.6	91	57	93	80	6.9	4.5	1.6	0.8	7.7	10.1	1.3	—	—	—	—	—	—	—	—	—	—	—	—			

Precipitacion total 302.8 m.m.

DATOS DIARIOS

Estación Borcha

Mes Agosto

Año 1968

$\phi = 5^{\circ} 53' N$

$\lambda = 73^{\circ} 26' WGR$

Altura 1764 M.

Días	TEMPERATURAS °C					TENSION DEL VAPOR mm					Humedad Relativa %			Nubosidad DECIMOS		Brillo Solar Horas		PRECIPITACION mm			EVAPORACION mm			VIENTOS								
	7	14	20	Med.	Mín.	Máx.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	7	14	20	DIRECCION Km./Hora	FUERZA Km./Hora	DIRECCION Km./Hora	FUERZA Km./Hora			
																														DIRECCION	FUERZA	DIRECCION	FUERZA
1	16.0	21.6	16.8	17.8	24.0	14.6	13.0	12.8	12.2	13.6	12.9	94	63	95	84	8.7	2.8	—	0.3	0.2	0.5	2.0	00	00	00	00	00	00	00	00		
2	15.4	21.3	16.7	17.5	23.4	13.9	12.5	12.6	9.4	12.5	11.5	96	50	88	78	5.7	2.4	—	0.6	—	0.6	1.4	00	00	00	00	00	00	00	00		
3	15.0	18.4	14.5	15.6	21.9	11.8	10.4	10.8	12.0	11.7	11.5	85	75	95	85	5.3	2.7	—	3.1	—	3.1	1.0	00	00	00	00	00	00	00	00		
4	12.8	21.8	16.8	17.6	24.8	9.4	8.0	10.6	8.9	13.4	11.0	96	40	93	76	4.7	8.4	—	—	—	—	—	2.0	00	00	00	00	00	00	00		
5	12.3	23.6	16.0	17.0	24.4	11.4	10.0	10.2	9.8	12.7	10.9	95	45	93	78	2.7	8.6	—	—	—	—	—	2.0	00	00	00	00	00	00	00		
6	13.5	21.8	14.9	16.3	22.1	12.0	11.4	11.1	9.9	12.0	11.0	96	51	95	81	8.0	3.2	—	0.4	2.1	2.5	2.0	00	00	00	00	00	00	00	00		
7	13.7	23.1	14.8	16.6	24.4	10.9	10.0	10.7	10.6	12.0	11.1	90	50	95	78	4.0	8.3	—	—	8.8	8.8	2.1	00	00	00	00	00	00	00	00		
8	14.1	23.9	16.8	17.9	25.0	9.0	8.0	9.6	8.7	12.9	10.4	80	38	90	69	4.7	5.6	—	—	0.3	0.3	2.0	00	00	00	00	00	00	00	00		
9	14.1	23.6	15.4	17.1	25.0	12.9	11.8	11.6	9.8	10.2	10.5	96	45	78	73	6.7	6.6	—	—	—	—	2.3	00	00	00	00	00	00	00	00		
10	14.6	25.6	18.9	19.5	27.0	8.3	7.4	8.7	9.4	12.3	10.1	70	38	75	61	6.0	3.5	—	—	—	—	2.1	00	00	00	00	00	00	00	00		
11	14.8	25.2	17.9	19.0	26.0	10.9	9.9	11.2	7.3	9.8	9.4	88	30	64	61	6.0	7.4	—	—	—	—	2.1	00	00	00	00	00	00	00	00		
12	14.6	24.2	16.4	17.9	26.8	11.9	10.0	11.8	10.1	13.2	11.7	95	45	94	78	5.0	8.6	—	—	2.2	2.4	2.3	00	00	00	00	00	00	00	00		
13	11.3	25.4	15.9	17.1	26.3	8.8	7.6	9.4	9.8	12.8	10.7	94	40	95	76	4.3	9.0	0.2	—	1.4	1.4	3.0	00	00	00	00	00	00	00	00		
14	14.6	23.1	17.2	18.0	26.7	8.7	8.0	9.9	11.7	13.2	11.6	80	55	90	75	7.0	6.7	—	—	—	3.9	4.2	3.2	00	00	00	00	00	00	00	00	
15	15.4	25.0	18.8	19.5	26.3	13.6	13.0	12.2	7.8	13.7	11.2	94	33	85	71	5.3	7.6	0.3	—	—	—	5.1	5.1	2.3	00	00	00	00	00	00	00	
16	16.8	26.4	16.8	19.2	28.0	14.8	13.5	13.5	7.9	13.5	11.7	94	30	95	73	7.0	4.6	0.8	—	—	—	6.3	12.3	2.0	00	00	00	00	00	00	00	
17	14.8	23.0	17.0	18.5	24.5	12.6	12.0	11.4	11.5	12.5	11.8	91	54	86	77	6.0	3.6	—	—	—	—	2.3	00	00	00	00	00	00	00	00	00	
18	14.8	24.0	17.6	18.5	25.4	12.9	12.0	12.1	12.4	14.4	13.0	96	56	95	82	5.0	7.5	6.0	0.1	3.7	3.8	1.3	00	00	00	00	00	00	00	00	00	
19	14.4	26.6	14.8	17.6	27.2	12.9	12.0	11.7	9.2	9.4	10.1	95	35	75	68	8.3	2.5	—	—	—	—	3.6	3.6	2.0	00	00	00	00	00	00	00	
20	15.5	24.4	16.4	18.2	26.0	11.6	10.0	9.4	9.2	13.3	10.6	94	40	95	76	8.7	2.2	—	—	—	0.2	0.2	2.0	00	00	00	00	00	00	00	00	
21	13.8	24.0	15.5	17.2	24.4	11.3	10.0	11.3	8.9	12.5	10.9	96	40	95	77	8.7	3.6	—	—	—	—	3.0	3.0	1.4	00	00	00	00	00	00	00	
22	14.0	26.8	17.0	18.7	27.4	10.9	10.0	11.4	7.3	13.1	10.6	95	28	90	71	6.7	7.7	—	0.1	2.4	2.5	3.0	00	00	00	00	00	00	00	00	00	
23	12.8	22.1	17.0	17.1	23.1	13.1	9.0	10.6	13.2	13.1	11.6	96	55	90	80	8.0	6.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	13.5	22.8	14.9	16.5	24.0	10.0	9.0	11.3	15.5	12.0	12.9	95	75	93	88	5.7	6.4	—	0.3	0.2	9.5	2.0	00	00	00	00	00	00	00	00	00	
25	15.8	17.4	16.5	16.6	23.0	9.9	9.0	12.1	13.6	13.4	13.0	80	50	95	92	8.1	3.1	—	—	—	—	5.5	5.5	2.0	00	00	00	00	00	00	00	00
26	12.8	23.1	14.5	16.2	24.4	11.3	10.4	10.5	10.6	11.9	11.0	95	50	96	80	10.0	—	—	—	—	—	2.0	2.0	00	00	00	00	00	00	00	00	
27	13.1	25.4	16.6	17.9	25.5	10.0	9.0	10.7	10.8	13.1	11.5	96	45	94	78	9.3	4.2	—	—	—	—	7.9	7.9	1.1	00	00	00	00	00	00	00	00
28	15.0	20.0	15.5	16.5	22.7	13.0	12.0	11.0	11.5	12.5	11.7	86	66	95	82	8.7	2.7	—	—	—	—	10.0	17.2	1.0	00	00	00	00	00	00	00	00
29	14.3	27.0	15.4	18.0	28.0	11.5	10.0	11.5	8.1	12.3	10.6	94	48	94	73	8.0	6.6	7.2	6.6	0.5	7.4	2.0	00	00	00	00	00	00	00	00	00	00
30	16.0	23.7	15.6	17.7	24.1	11.8	11.0	12.8	10.6	12.6	12.0	94	48	95	79	8.0	3.7	—	—	—	—	4.1	5.0	1.0	00	00	00	00	00	00	00	00
31	15.0	17.4	14.9	15.6	20.4	13.5	13.0	12.3	13.3	12.1	12.6	96	90	96	94	8.7	4.3	0.9	3.3	10.6	14.3	0.4	00	00	00	00	00	00	00	00	00	00
Med	14.3	23.4	16.2	17.5	24.9	11.5	10.4	11.2	10.3	12.5	11.3	92	49	90	77	6.7	5.0	0.5	0.6	2.5	3.6	1.9	—	—	—	—	—	—	—	—	—	—

Precipitación total = 311.3 mm.

DATOS DIARIOS

Estación Bertha Mes Noviembre Año 1968 $\phi = 58^{\circ} 53' N$ $\lambda = 73^{\circ} 26' WGR$ Altura 1.764 M.

Días	TEMPERATURAS						TENSION DEL VAPOR						Humedad Relativa %			Brillo Solar			PRECIPITACION			EVAPORACION			VIENTOS											
	Med.		Máx.		Mín.		Med.		Máx.		Mín.					Horas			mm			mm			7		14		20							
	7	14	20	Med.	Máx.	Mín.	Mínima Suave	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	7	14	20	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA				
1	14.0	23.2	15.8	17.2	24.0	11.0	9.6	11.1	9.6	12.8	11.2	93	45	95	78	7.0	5.6					7.1	7.1	1.2	00	0	00	0	00	0	00	0				
2	13.4	21.0	16.7	17.0	24.5	11.4	9.9	10.9	13.1	6.4	10.1	92	72	45	71	9.3	6.0					0.4	1.3	1.7	00	0	00	0	00	0	00	0				
3	13.5	22.8	17.4	17.8	23.6	12.0	11.3	11.3	10.7	13.9	13.9	96	51	80	5.1	5.3							8.3	8.3	1.3	00	0	00	0	00	0	00	0			
4	13.6	23.0	15.4	16.8	24.0	11.8	11.0	10.9	12.6	12.0	11.8	93	60	92	8.2	9.3	5.6						3.3	3.3	1.2	00	0	14	2	00	0	00	0			
5	12.0	24.0	17.9	18.0	25.0	8.8	8.0	10.0	9.2	14.2	11.1	96	41	93	77	5.3	7.3						6.0	8.0	2.0	00	0	02	2	00	0	00	0			
6	13.6	23.6	16.6	17.6	25.4	13.0	12.4	10.9	10.9	13.0	11.6	94	90	92	79	9.3	7.4					2.0	13.4	13.4	1.3	00	0	16	3	00	0	00	0			
7	14.0	28.0	17.8	19.4	29.0	12.6	11.5	11.5	8.1	14.2	11.3	96	28	93	72	3.7	9.0						0.3	6.4	2.2	00	0	06	3	00	0	00	0			
8	14.4	23.9	17.6	18.4	25.0	13.6	13.0	11.8	10.7	13.5	12.0	96	48	90	78	6.7	4.5						1.4	1.4	2.4	00	0	00	0	00	0	00	0			
9	16.0	24.7	17.8	19.1	25.8	13.4	13.0	11.6	11.8	14.2	12.5	85	90	91	7.6	8.3	1.7						1.8	3.5	2.2	00	0	00	0	00	0	00	0			
10	15.7	23.3	17.6	18.6	24.0	14.7	14.0	12.5	9.6	13.5	11.9	93	45	90	7.6	7.3	0.5						0.3	0.3	2.2	00	0	00	0	00	0	00	0			
11	15.0	24.0	17.6	18.6	24.4	14.0	13.1	12.1	11.5	14.4	12.7	95	53	95	80	6.7	8.3	0.4								1.8	1.6	00	0	06	2	00	0			
12	17.2	20.0	16.6	17.6	24.7	13.9	13.0	11.9	12.2	13.2	13.1	94	70	83	8.6	9.7	5.7								16.5	16.6	1.3	00	0	00	0	00	0	00	0	
13	15.0	23.6	15.6	17.4	23.9	13.8	13.0	12.1	8.7	12.3	11.0	95	40	93	7.6	7.7	3.0	0.1					4.5				4.5	1.2	00	0	00	0	00	0		
14	13.0	23.6	15.9	17.1	24.2	11.6	10.0	11.0	8.7	12.8	10.8	98	40	95	7.8	7.7	3.5											1.2	00	0	00	0	00	0		
15	14.8	22.9	14.4	16.6	23.0	13.6	12.4	12.0	8.3	11.5	10.6	95	40	94	7.6	5.3	2.9											1.4	00	0	00	0	00	0		
16	14.6	23.0	15.0	16.9	23.4	14.6	12.0	11.9	9.5	12.1	11.2	96	45	92	7.9	7.7	3.6											1.2	1.3	00	0	00	0	00	0	
17	12.8	23.8	16.2	17.2	24.0	10.0	9.3	10.6	12.4	12.4	10.9	96	46	90	77	8.0	7.1								6.9	55.3	1.6	00	0	04	1	00	0	00	0	
18	15.7	23.9	15.0	17.4	24.5	11.8	11.0	12.8	11.6	11.5		95	45	93	7.8	8.0	3.5	48.4										0.1	1.1	00	0	08	2	00	0	
19	17.6	23.8	16.4	18.6	25.0	14.8	14.0	12.1	12.2	12.5		80	55	94	7.6	7.3	6.4	0.1										0.7	2.0	00	0	08	2	00	0	
20	16.3	23.6	15.9	18.1	24.7	14.9	14.1	13.3	10.4	12.8	12.2	96	46	95	7.9	8.0	5.7	0.7										27.7	2.0	00	0	08	2	00	0	
21	15.7	24.5	15.8	17.7	24.0	13.9	13.0	12.9	10.9	12.5	12.1	96	50	93	80	7.7	5.4	8.3									1.0	3.2	2.0	00	0	00	0	00	0	
22	16.0	23.6	17.5	18.2	24.5	15.6	14.4	13.1	12.7	14.3	13.4	96	66	95	8.6	4.7	6.3	2.2									0.1	5.4	5.5	1.2	00	0	00	0	00	0
23	15.0	24.3	16.5	18.1	25.0	14.4	13.2	11.8	10.4	13.2	11.8	93	46	94	7.8	5.3	4.6											4.5	10.1	2.0	00	0	00	0	00	0
24	16.0	23.6	15.6	17.2	23.4	14.6	13.5	12.3	9.9	12.6	11.6	90	51	92	7.9	8.7	3.3	5.6										9.7	11.1	1.3	00	0	00	0	00	0
25	16.5	20.0	15.9	16.6	23.5	14.0	13.0	13.6	11.1	12.0	12.2	97	63	94	8.5	7.7	0.9	1.4										0.4	1.0	00	0	00	0	00	0	
26	15.8	23.6	15.1	17.4	23.8	14.9	14.0	12.8	9.8	12.1	11.6	95	45	95	7.8	4.7	9.2												2.1	00	0	00	0	00	0	
27	15.0	24.0	17.4	18.4	25.6	13.9	12.8	12.3	11.2	13.3	12.3	96	50	90	7.9	6.0	7.9													2.0	00	0	04	3	00	0
28	13.6	23.7	15.2	16.9	25.0	11.9	11.0	11.2	8.9	12.3	10.8	96	40	95	77	4.3	8.5												2.2	00	0	00	0	00	0	
29	13.8	23.9	16.0	17.4	24.5	13.6	12.6	10.9	9.9	12.7	11.2	93	45	93	17	7.3	9.0												2.0	00	0	00	0	00	0	
30	17.0	23.9	16.6	18.5	25.2	13.8	12.4	10.9	8.9	12.8	10.9	75	40	90	8.8	4.3	8.4												0.1	2.0	00	0	08	3	00	0
31																																				
Med.	14.9	23.3	16.3	17.7	24.6	13.2	12.2	11.9	10.4	12.7	11.7	93	49	92	7.8	7.0	5.5	2.6	0.2	3.6	6.4	1.7														

Precipitación total : 192.1 mm.

DATOS DIARIOS

Altura 1.764 M.

$\varphi = 5^{\circ} 53' N$ $\lambda = 73^{\circ} 26' WGR$

Mes Diciembre Año 1968

Estación Bertha

Días	TEMPERATURAS $^{\circ}C$						TENSIÓN DEL VAPOR m m						Humedad Relativa %			NIEBLAS HORAS			PRECIPITACION m m			EVAPORACION m m			VIENTOS					
	Méd.		Mín.		Máx.		Méd.		Mín.		Máx.		Méd.		Mín.		Máx.		Méd.		Mín.		Máx.		DIREC. FUERZA		DIREC. FUERZA		DIREC. FUERZA	
	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20
1	14.0	23.0	15.8	17.2	23.3	11.9	10.8	11.4	9.7	11.4	10.8	95	46	85	75	6.0	5.2	0.3	1.3	0.1	1.4	2.2	0.0	0	16	2	0.0	0	0	
2	13.3	23.2	15.5	16.9	24.4	10.9	10.0	10.8	7.6	11.8	10.1	95	35	90	73	6.0	7.7	—	0.1	—	—	2.0	0.0	0	0	0	0.0	0	0	
3	10.4	23.2	14.6	15.7	24.4	9.0	7.8	9.0	8.5	11.3	9.6	95	40	91	75	1.0	9.9	—	—	—	—	2.2	0.0	0	0	0	0.0	0	0	
4	12.6	22.8	14.9	16.3	23.6	9.9	9.0	10.4	8.3	11.0	9.9	95	40	90	75	6.0	7.2	—	—	—	—	1.6	2.1	0.0	0	0	0.0	0	0	
5	16.7	23.0	17.4	18.6	23.8	13.2	12.0	12.3	9.7	12.8	11.6	86	46	86	73	6.7	9.1	1.6	—	—	—	—	2.2	0.0	0	0	0.0	0	0	
6	17.0	24.0	17.8	19.2	24.3	14.6	13.5	13.1	10.0	13.2	12.1	90	45	86	74	3.7	9.3	—	—	—	—	—	2.3	0.0	0	0	0.0	0	0	
7	16.0	24.8	17.3	18.8	25.4	13.8	12.5	10.8	10.5	13.9	13.7	80	45	94	71	1.7	8.3	—	—	—	—	0.1	0.3	2.3	0.0	0	0.0	0	0	
8	15.0	21.6	16.6	17.6	24.3	12.8	11.6	11.3	13.4	13.6	12.8	90	70	96	85	4.7	4.9	0.2	—	—	—	2.1	2.1	1.4	0.0	0	0.0	0	0	
9	12.0	21.4	15.8	16.2	24.5	10.6	9.5	10.0	10.8	11.8	10.9	95	56	95	82	6.7	6.0	—	—	—	—	6.5	6.5	1.2	0.0	0	0.0	0	0	
10	12.1	23.0	17.2	17.4	24.6	9.9	9.0	10.2	9.7	13.7	11.2	96	46	91	78	8.0	2.1	0.1	—	—	—	—	2.3	0.0	0	0.0	0	0	0	
11	14.6	24.1	15.2	17.3	25.3	14.1	13.6	10.5	9.8	12.0	10.8	85	44	93	74	3.3	6.2	—	—	—	—	—	0.2	3.2	0.0	0	0.0	0	0	
12	16.0	27.9	18.0	20.0	29.0	14.7	13.5	13.0	6.7	13.8	11.2	95	24	90	70	4.0	9.9	—	—	—	—	—	0.2	3.0	0.0	0	0.0	0	0	
13	14.0	27.9	16.0	18.5	28.7	10.3	9.0	10.5	7.3	13.0	10.3	87	26	95	69	2.7	8.8	0.2	—	—	—	—	0.4	0.4	3.0	0.0	0	0.0	0	
14	11.6	25.0	17.2	17.8	26.0	9.4	8.0	9.7	10.6	11.8	10.7	94	45	80	73	3.0	8.5	—	—	—	—	—	0.4	0.4	3.0	0.0	0	0.0	0	
15	14.4	25.6	18.0	19.0	26.1	13.7	11.0	11.0	9.8	13.8	11.5	90	40	90	71	4.0	8.9	—	—	—	—	—	—	—	—	—	—	—	—	
16	15.8	25.2	17.4	19.0	26.5	13.7	12.8	12.1	10.7	13.7	12.2	90	45	92	76	6.0	8.8	0.4	—	—	—	—	—	—	—	—	—	—	—	
17	12.6	25.3	17.0	18.0	26.5	10.6	8.9	9.9	8.2	13.5	10.5	91	34	93	73	4.0	8.5	—	—	—	—	—	—	—	—	—	—	—	—	
18	12.6	24.7	18.0	18.3	28.0	9.7	7.0	10.2	10.5	13.8	11.5	93	45	90	76	6.0	3.1	0.5	—	—	—	—	—	—	—	—	—	—	—	
19	13.6	25.4	18.3	18.9	26.0	12.8	11.6	5.6	9.8	14.0	9.8	58	40	90	63	4.7	8.6	—	—	—	—	—	—	—	—	—	—	—	—	
20	14.1	24.9	17.7	18.6	26.4	10.8	8.9	10.8	11.6	14.8	12.4	90	50	95	78	4.0	7.5	—	—	—	—	—	—	—	—	—	—	—	—	
21	11.7	24.9	17.8	18.0	26.0	11.0	9.9	9.9	10.5	13.7	11.4	96	45	90	77	6.0	9.3	0.8	—	—	—	—	—	—	—	—	—	—	—	
22	13.3	24.8	16.4	18.0	25.8	13.6	12.4	11.6	8.3	10.5	13.2	11.8	96	45	94	78	4.0	6.2	—	—	—	—	—	—	—	—	—	—	—	
23	13.9	22.8	13.6	16.0	23.0	12.8	11.6	11.3	8.5	10.8	10.1	96	40	93	76	6.0	8.7	0.2	—	—	—	—	—	—	—	—	—	—	—	
24	12.4	23.5	14.0	16.0	24.0	11.2	10.0	10.3	8.6	11.2	10.0	96	40	90	75	4.7	10.0	0.5	—	—	—	—	—	—	—	—	—	—	—	
25	16.0	23.2	16.9	17.8	24.0	8.6	7.0	10.8	8.5	12.9	10.7	90	40	90	73	4.0	8.1	—	—	—	—	—	—	—	—	—	—	—	—	
26	12.0	24.2	14.5	16.3	24.6	10.6	10.0	10.0	9.2	11.7	10.3	96	40	95	71	5.0	8.4	—	—	—	—	—	—	—	—	—	—	—	—	
27	11.0	23.2	16.0	16.6	23.5	8.6	7.0	9.5	10.8	12.3	10.9	96	50	90	79	4.7	4.1	—	—	—	—	—	—	—	—	—	—	—	—	
28	11.2	24.4	16.9	16.5	25.5	8.5	7.0	9.2	9.7	12.9	10.6	100	48	90	79	7.3	5.3	—	—	—	—	—	—	—	—	—	—	—	—	
29	11.2	24.4	16.1	17.0	25.3	8.9	7.6	10.0	9.2	12.3	10.5	100	40	90	77	6.2	9.9	0.6	—	—	—	—	—	—	—	—	—	—	—	
30	10.0	24.2	16.6	16.8	26.4	8.1	7.0	9.0	9.2	13.0	10.4	98	40	92	71	5.3	9.6	—	—	—	—	—	—	—	—	—	—	—	—	
31	12.6	24.4	14.8	16.6	25.7	9.0	7.0	9.2	9.0	11.8	10.0	85	38	94	72	4.0	9.8	—	—	—	—	—	—	—	—	—	—	—	—	
Med	13.3	24.1	16.4	17.6	25.3	11.1	9.9	10.4	9.6	12.7	10.9	92	43	91	75	4.8	7.8	0.2	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total : 16.7 mm.

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

AÑO: 1968

ESTACION: B. r. t. b. a.

MESES	PRECIPITACION												TEMPERATURA									
	7 HORAS			14 HORAS			20 HORAS			TOTAL			Mínimo		Máximo							
	Más de: 01	10	20	Más de: 01	10	20	Más de: 01	10	20	Más de: 01	10	25	50	100	200	500	Abajo de 12 °C	Abajo de 14 °C	Abajo de 23 °C	Arriba de 27 °C		
ENERO	7	4	-	-	-	-	7	5	-	-	-	11	8	3	2	-	22	5	1	1	4	
FEBRERO	9	6	1	-	-	-	3	1	-	-	-	9	7	4	2	1	12	12	1	1	4	
MARZO	12	5	1	-	-	-	14	10	1	-	-	19	14	12	11	1	16	4	2	2	4	
ABRIL	21	20	6	1	-	-	19	14	6	1	-	26	26	20	17	12	5	-	25	5	5	
MAYO	21	16	6	4	-	-	21	15	3	1	-	26	23	21	16	10	5	3	13	6	3	
JUNIO	18	8	1	-	-	-	21	17	8	4	1	25	23	16	12	10	7	14	6	13	-	
JULIO	11	8	-	-	-	-	20	13	4	2	-	23	18	15	13	3	2	7	4	5	3	
AGOSTO	7	2	-	-	-	-	21	15	2	-	-	25	18	16	9	2	-	21	2	5	5	
SEPTBRE.	15	11	4	2	1	-	19	14	-	-	-	22	19	15	9	6	2	11	4	1	4	
OCTUBRE.	19	16	5	3	1	-	18	12	2	-	-	23	20	19	16	9	4	4	13	5	2	
NOVRE.	13	9	1	1	-	-	17	16	3	-	-	24	19	15	11	6	2	1	9	9	1	
DICBRE.	12	1	-	-	-	-	7	2	-	-	-	17	4	1	1	-	-	21	3	1	3	
SUMA ANUAL	165	106	25	12	2	-	187	134	29	8	1	290	199	157	119	60	28	6	140	100	46	35

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	HOURS																								TOTAL	
	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		
ENERO	1	-	2	-	-	1	-	-	-	-	-	-	-	-	-	2	1	4	2	4	4	2	3	4	2	11
FEBRERO	4	5	1	1	2	1	-	-	-	-	-	-	-	-	-	-	-	1	2	1	2	4	5	4	3	11
MARZO	4	3	4	2	3	1	-	1	-	-	-	-	1	3	5	7	10	8	4	6	3	1	4	20	27	20
ABRIL	12	7	6	5	5	10	8	5	5	2	1	2	2	2	4	12	8	10	10	13	11	11	10	10	27	26
MAYO	8	7	3	2	3	3	2	-	1	1	-	1	8	6	9	10	8	8	9	12	15	14	11	26	27	27
JUNIO	7	5	4	3	3	5	2	1	3	1	2	2	7	11	12	13	15	12	12	8	8	7	6	7	27	23
JULIO	2	2	2	2	1	-	-	1	-	3	2	3	6	4	6	11	10	11	12	4	5	3	4	23	25	25
AGOSTO	2	5	4	3	-	-	-	1	1	-	2	4	7	9	9	10	10	6	5	3	2	6	1	23	27	23
SEPTBRE.	8	5	4	3	-	-	-	-	-	-	-	1	3	4	7	9	10	9	5	6	7	8	9	23	27	23
OCTUBRE.	12	7	4	5	5	3	2	2	1	1	-	-	1	2	2	5	8	7	11	10	13	15	10	10	27	22
NOVRE.	3	3	6	3	1	5	3	3	2	2	1	-	1	1	5	6	6	10	9	6	6	3	3	3	17	17
DICBRE.	1	2	1	-	-	-	-	3	1	2	-	-	-	-	2	2	1	3	4	3	2	4	3	1	17	17
SUMA ANUAL	64	46	37	27	28	29	23	15	14	11	8	10	30	37	56	81	87	94	93	81	77	60	72	65	261	261

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

MESES	TOTAL			No. PRECIPITACIONES			CANTIDAD			DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
	m. m.	Dias	No. m.	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 mih.	Int. Max. 1 mih. (calc.)	
Enero	30.9	11	12	11	23	18.4	12.5	9:20'	9:00'	18:20'	9.1	2:15'	0.07	2.0	0.4	2:25'	7.1	0.05	2.0	0.4	0.4	
Febrero	50.9	9	3	16	19	1.3	49.6	1:55'	21:50'	23:45'	25.3	7:35'	0.06	1.5	0.3	7:35'	25.3	0.06	1.5	0.3	0.3	
Marzo	105.9	19	24	16	40	64.5	41.4	20:30'	21:50'	42:20'	13.4	1:15'	0.18	2.5	0.5	4:20'	4.7	0.02	0.5	0.1	0.1	
Abril	335.3	26	41	45	86	151.7	183.6	49:20'	70:50'	120:10'	42.0	6:20'	0.11	7.0	1.4	8:05'	12.6	0.02	0.9	0.2	0.2	
Mayo	323.8	26	46	42	88	106.4	217.4	33:50'	53:00'	86:50'	38.3	3:40'	0.17	6.0	1.2	5:20'	34.1	0.11	4.0	0.6	0.6	
Junio	302.8	25	54	25	79	264.0	38.8	64:10'	29:30'	93:40'	60.8	2:55'	0.35	10.0	2.0	12:10'	28.0	0.04	0.0	0.4	0.4	
Julio	176.9	23	53	10	63	153.0	23.9	38:45'	15:45'	54:30'	51.9	2:15'	0.38	10.0	2.0	4:45'	7.3	0.02	1.3	0.3	0.3	
Agosto	113.1	25	45	12	57	89.5	23.6	31:50'	11:00'	42:50'	12.2	4:55'	0.04	1.0	0.2	4:55'	12.2	0.04	1.0	0.2	0.2	
Septiembre	189.1	22	28	24	52	55.9	133.2	27:35'	35:15'	62:50'	51.7	2:00'	0.43	9.1	1.8	6:25'	15.1	0.04	1.2	0.2	0.2	
Octubre	260.3	23	25	35	60	80.6	179.7	32:50'	60:50'	93:40'	55.9	8:20'	0.11	4.5	0.9	8:20'	55.9	0.11	4.5	0.9	0.9	
Noviembre	192.1	24	33	23	56	117.4	74.7	31:05'	22:15'	53:20'	44.5	3:40'	0.20	5.0	1.0	3:40'	44.5	0.20	5.0	1.0	1.0	
Diciembre	16.7	17	14	13	27	11.5	5.2	7:55'	6:50'	14:45'	4.8	0:55'	0.09	2.8	0.6	1:30'	1.6	0.02	0.2	--	--	
TOTALES	2097.8	250	378	272	650	1114.2	983.6	348:05'	357:55'	707:00'	409.9	46:05'	XX	XX	XX	69:30'	248.4	XX	XX	XX	XX	

DATOS DIARIOS

Estación

J. e. r. d. i. n

Mes

E. n. e. r. o

Año 1924

$\phi = 52^{\circ} 34' N$ $\lambda = 72^{\circ} 56' W.G.R.$

Altura 1.630 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa						BRILLO SOLAR			PRECIPITACION			VIENTOS									
	7		14		20		7		14		20		7		14		20		mm			7		14		20		7		14		20		
	Med.	Min.	Max.	Min.	Max.	Min.	Med.	Min.	Max.	Med.	Min.	Max.	Med.	Min.	Max.	Med.	Min.	Max.	Med.	Min.	Max.	7	14	20	Total	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA			
1	15.8	25.4	14.8	17.7	26.3	14.5	12.5	12.9	9.5	11.8	11.4	96	37	94	76	4.3	8.7	—	—	—	—	—	—	—	—	2.2	06	1	10	2	06	1		
2	11.4	25.3	15.2	16.8	25.9	10.5	9.5	9.8	9.6	12.2	10.5	97	40	94	77	2.0	8.6	—	—	—	—	—	—	—	—	1.6	04	1	12	2	08	1		
3	11.4	26.6	14.9	17.0	27.0	10.6	9.5	9.6	7.2	11.3	9.4	95	28	90	71	1.0	9.2	—	—	—	—	—	—	—	—	3.0	06	1	08	2	10	1		
4	11.8	26.0	17.3	18.1	26.8	10.5	8.4	9.9	10.0	12.9	10.9	96	40	88	75	2.0	8.6	—	—	—	—	—	—	—	—	2.0	06	1	08	2	10	1		
5	12.8	24.1	14.8	16.6	24.6	12.0	9.6	10.5	11.2	11.8	11.2	95	50	94	80	3.7	6.7	—	—	—	—	—	—	—	—	1.4	06	1	06	1	06	1		
6	12.0	25.4	15.6	17.2	26.0	11.2	9.0	10.0	10.7	11.8	10.8	96	44	88	76	3.3	6.3	—	—	—	—	—	—	—	—	1.4	06	1	06	1	06	1		
7	12.6	25.3	15.8	17.4	25.9	11.5	9.3	10.5	10.7	12.2	11.1	96	44	91	77	3.7	9.7	—	—	—	—	—	—	—	—	1.8	00	1	06	1	06	1		
8	13.2	26.8	17.7	18.8	26.9	12.1	10.0	12.7	9.8	12.3	11.6	98	40	94	77	3.3	7.8	—	—	—	—	—	—	—	—	1.8	00	1	12	1	06	1		
9	13.2	26.2	17.8	19.0	26.8	12.3	10.0	11.7	11.8	11.4	11.6	98	46	94	79	7.0	4.1	—	—	—	—	—	—	—	—	1.8	10	1	16	2	06	1		
10	14.0	21.6	15.8	17.0	21.9	13.2	11.0	12.3	12.6	12.9	12.6	96	65	96	86	7.0	0.1	—	—	—	—	—	—	—	—	1.4	66	1	12	2	06	1		
11	15.0	21.2	15.8	17.0	23.3	13.2	11.0	12.7	13.5	12.9	13.0	98	72	96	89	7.0	2.3	—	—	—	—	—	—	—	—	0.6	06	1	12	1	06	1		
12	15.2	24.2	16.6	18.0	25.5	12.7	10.9	11.8	11.5	13.3	12.2	96	50	94	80	10.0	3.9	—	—	—	—	—	—	—	—	5.8	—	—	—	—	—	—		
13	14.4	24.4	16.6	18.0	25.4	13.0	11.5	11.8	10.0	13.6	11.8	93	40	96	76	3.7	4.6	—	—	—	—	—	—	—	—	3.1	4.5	1.0	00	0	06	1		
14	15.4	20.4	15.8	16.8	21.8	15.0	13.2	12.6	14.5	13.2	13.4	96	80	98	91	9.7	1.2	—	—	—	—	—	—	—	—	2.0	0.6	00	0	06	1	00	0	
15	15.6	23.2	17.0	18.2	24.4	14.9	13.4	12.8	11.8	13.5	12.7	96	55	93	81	9.0	5.1	—	—	—	—	—	—	—	—	0.4	0.4	1.0	06	1	00	0	00	0
16	15.8	24.4	17.6	18.8	25.0	14.4	12.6	12.7	11.5	12.4	12.2	94	50	82	75	7.0	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	15.2	25.2	16.2	18.2	25.9	14.5	12.4	11.7	11.0	12.6	11.8	91	46	91	76	6.0	4.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	15.0	26.0	16.6	18.6	26.4	14.0	11.5	11.8	10.0	13.6	11.8	93	40	96	76	3.7	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	15.8	26.6	17.8	19.5	27.2	14.0	12.0	12.2	12.2	12.9	12.4	91	46	84	74	6.7	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	15.3	26.9	17.8	19.4	28.4	14.8	12.5	12.2	12.0	13.2	12.5	94	45	86	75	3.7	8.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	17.0	26.9	17.8	19.9	27.6	15.9	13.2	13.2	10.3	13.2	12.8	91	35	87	72	7.0	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	16.6	26.0	17.0	19.2	26.5	15.7	13.7	12.2	11.3	13.7	12.4	86	45	94	75	9.0	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	16.6	25.4	17.8	19.4	26.0	15.8	14.5	13.2	10.5	13.7	12.5	93	44	90	76	9.7	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	16.4	22.4	18.0	18.7	24.9	15.9	14.0	13.4	12.1	14.0	13.2	96	60	91	82	9.7	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	14.8	20.0	15.6	16.5	21.5	14.3	13.6	12.1	13.4	12.5	12.7	96	76	94	89	8.0	1.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	12.2	24.9	15.4	17.0	26.3	11.7	10.0	10.2	10.7	11.9	10.2	96	46	91	78	3.0	9.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	13.0	25.9	16.2	17.8	26.9	12.0	10.0	10.7	10.9	11.9	11.2	96	44	86	75	4.0	8.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	11.8	26.8	17.2	18.8	27.2	12.0	10.4	10.7	9.2	13.4	11.1	90	35	91	72	3.7	9.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	17.4	25.2	16.8	19.0	25.9	15.7	13.9	13.6	11.0	13.2	12.6	91	46	92	76	6.0	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	16.0	26.2	17.0	19.0	27.0	15.0	14.0	13.4	10.0	12.9	12.1	98	38	89	75	5.0	6.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	15.4	24.2	17.0	18.4	25.0	13.4	12.3	11.4	13.2	12.3	12.3	94	50	94	79	7.3	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Med.	14.6	24.8	16.5	18.1	25.7	13.5	11.7	11.8	11.0	12.7	11.9	95	48	91	78	5.7	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total 59.0 m.m.

DATOS DIARIOS

Estación J. A. S. d. f. n. Mes Febrero Año 19 69 φ = 54° 34' N λ = 158° 56' WGR Altura 1.630 M.

Días	TEMPERATURAS ..°C					TENSIÓN DEL VAPOR mm					Humedad Relativa %			Brillo Solar Horas	PRECIPITACION mm			VIENTOS																
	7	14	20	Med.	Máx. Min.	Mínima Suelo	7	14	20	Med.	7	14	20		Med.	7	14	20	Total	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora												
																							7	14	20	Med.	7	14	20	Total				
1	16.0	20.4	16.2	17.2	22.0	15.4	13.9	13.1	12.1	12.7	12.6	96	68	92	85	10.0	4.8	0.5	0.1	0.0	0.14	1	04	1										
2	15.6	22.8	16.0	17.6	23.5	15.0	14.3	12.8	10.5	13.1	12.1	96	50	96	81	8.0	3.8	2.6	0.3	3.1	3.5	1.0	0.0	0.0	0.0	1								
3	15.8	16.6	16.2	16.2	24.7	14.5	13.5	12.9	10.2	12.9	12.0	96	46	91	78	9.7	6.1	0.1	—	1.3	4.1	1.2	0.0	0.0	0.0	0.4	1							
4	15.4	20.8	15.8	17.0	21.5	15.0	14.5	12.3	10.4	12.9	11.9	94	56	94	91	10.0	—	2.8	—	1.2	1.2	0.6	1.4	1	06	2	08	1						
5	15.8	25.2	16.3	19.4	25.9	14.8	13.9	12.5	9.6	11.6	11.6	93	40	91	75	6.7	5.8	—	—	—	0.2	1.8	1.0	1.0	0.0	0.0	0.0	0.0	0					
6	15.2	25.0	16.0	18.0	26.3	14.0	13.1	12.4	9.6	13.0	11.7	96	40	95	77	7.3	7.8	0.2	—	—	—	2.0	0.0	0.14	1	00	0	0	0					
7	16.0	24.6	17.0	18.6	25.5	14.6	13.8	12.4	11.7	12.6	12.2	91	50	87	76	8.7	—	—	—	—	0.6	2.0	0.6	1	12	1	00	0	0					
8	14.6	25.2	18.4	19.2	25.9	14.0	12.5	11.9	10.1	13.2	11.7	96	42	84	74	8.0	5.9	0.6	—	—	—	1.8	0.0	0.00	0	10	1	1	1	1				
9	16.4	25.4	18.6	19.8	26.2	15.2	13.6	13.1	9.8	13.0	12.0	93	40	81	71	6.7	6.6	—	—	—	—	2.0	0.6	1	14	3	00	0	0	1				
10	15.1	25.2	16.8	18.5	26.0	14.5	13.0	13.0	11.6	13.1	12.6	99	48	91	79	6.3	3.9	—	—	—	—	1.6	0.0	0.14	2	12	1	1	1	1				
11	16.2	26.8	17.8	19.6	27.3	15.2	13.5	13.5	10.5	14.2	12.7	98	40	93	77	9.0	8.4	—	—	—	0.8	23.4	2.0	1.2	1	06	2	06	1	1				
12	16.0	25.4	17.0	18.8	26.2	15.3	14.6	13.4	11.6	13.8	12.9	98	48	95	80	7.7	4.3	22.6	14.0	4.4	18.4	1.1	0.0	0.12	2	00	0	0	0	0				
13	14.0	25.6	17.3	18.6	26.0	13.0	12.5	11.5	9.8	13.2	11.5	96	40	90	75	6.3	6.3	—	—	—	—	1.2	0.0	0.00	0	10	1	1	1	1				
14	14.5	26.5	17.3	18.9	27.0	14.3	13.5	12.4	11.5	10.2	11.4	100	44	90	78	7.0	7.4	—	—	—	—	2.0	1.0	1	14	1	00	0	0	0				
15	16.2	27.4	18.8	20.3	28.0	15.0	14.0	13.2	11.2	14.7	13.1	96	40	91	76	9.0	8.2	—	—	—	0.3	0.3	1.6	0.0	0.00	0	16	1	1	1	1			
16	15.0	25.3	18.2	19.4	26.5	15.0	13.4	12.7	9.9	13.0	11.9	93	41	83	72	8.7	6.5	—	—	—	—	—	1.8	0.4	1	14	2	00	0	0	0			
17	15.0	24.8	18.4	19.2	26.0	14.5	13.0	12.3	11.2	13.7	12.4	96	48	86	77	10.0	2.7	—	—	—	—	1.4	0.0	0.00	0	06	1	1	1	1	1			
18	16.0	27.2	19.8	20.1	28.3	14.5	12.4	12.1	10.8	15.6	12.8	89	38	90	72	6.3	8.8	—	—	—	—	—	3.2	0.0	0.06	2	14	1	1	1	1			
19	17.2	21.8	16.0	17.8	24.0	16.5	15.5	13.9	15.3	12.7	14.0	94	78	93	88	7.0	2.5	—	—	—	—	0.5	—	1.6	1.0	0.00	0	12	1	00	0	0		
20	16.2	26.6	15.1	18.2	27.0	14.5	13.0	13.5	11.5	12.6	12.5	98	44	98	80	9.7	5.6	3.1	—	—	—	62.0	2.0	0.0	0.00	0	00	0	0	0	0	0		
21	14.3	26.0	17.6	18.9	26.8	13.5	12.0	11.9	11.2	14.0	12.4	98	44	93	78	8.0	8.3	0.1	—	—	—	10.3	17.5	1.0	0.0	0.00	0	00	0	0	0	0		
22	16.6	20.4	17.6	18.0	22.2	16.0	14.9	14.3	12.7	14.2	13.7	100	71	94	88	10.0	1.9	7.2	4.0	5.1	9.1	0.6	0.0	0.00	0	00	0	0	0	0	0	0		
23	15.2	26.3	14.8	17.8	26.5	14.5	12.8	11.2	13.1	11.7	12.0	87	36	93	72	3.7	7.4	—	—	—	—	6.7	7.0	1.4	0.0	0.00	0	04	1	1	1	1		
24	11.4	25.2	18.8	18.6	26.0	10.9	8.9	9.8	9.6	13.2	10.9	95	40	81	72	4.7	8.0	0.3	—	—	—	—	4.7	1.6	0.04	1	14	1	02	1	1			
25	12.4	24.9	17.9	18.3	25.3	11.5	9.7	10.0	9.4	13.7	11.0	93	40	90	74	5.7	6.7	—	—	—	—	—	—	1.6	0.4	1	06	2	14	1	1	1		
26	16.4	26.8	18.0	19.8	27.0	15.0	13.0	13.4	11.0	14.6	13.0	96	42	94	77	7.7	7.8	—	—	—	—	—	—	0.3	15.7	2.2	0.0	0.00	0	00	0	0	0	
27	16.0	26.1	17.0	18.6	25.5	15.2	14.5	12.7	9.9	13.7	12.1	93	42	94	76	9.3	3.5	15.4	—	—	—	8.4	8.5	1.4	0.0	0.14	2	06	1	1	1	1		
28	16.5	26.2	18.2	19.5	25.6	15.5	14.2	13.6	10.7	13.6	12.6	97	45	87	76	7.0	5.3	0.1	—	—	—	—	—	1.4	0.0	0.14	2	00	0	0	0	0		
29	15.8	25.9	17.2	19.0	27.1	14.8	13.6	12.7	10.0	12.7	11.8	94	40	86	73	7.3	7.1	—	—	—	—	—	—	12.2	2.0	0.0	0.14	2	00	0	0	0		
30																																		
31																																		
Med.	15.4	24.9	17.2	18.7	25.7	14.5	13.3	12.6	10.9	13.2	12.2	95	46	90	77	7.8	5.5	1.8	0.6	3.6	6.5	1.5	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total 188.1 mm.

DATOS DIARIOS

Estación Jardín

Mes Marzo

Año 1956

$\phi = 5^{\circ} 34' N$ $\lambda = 75^{\circ} 56' WGR$

Altura 1.630 M.

Días	TEMPERATURAS						TENSION DEL VAPOR						Humedad Relativa			NUBOSIDAD			PRECIPITACION			EVAPORACION			VIENTOS								
	Med.		Mín.		Máx.		Med.		Mín.		Máx.		7		14		20		7			14			20			7		14		20	
	7	14	20	Med.	Mín.	Máx.	7	14	20	Med.	Mín.	Máx.	7	14	20	Med.	7	14	20	Total	7	14	20	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA		
1	15.8	24.4	17.8	19.0	24.6	15.4	13.5	12.9	10.4	13.7	12.3	9.6	46	90	77	6.0	6.6	12.2	—	—	—	—	1.4	00	0	00	0	00	0	00	0		
2	16.2	23.9	17.6	18.8	24.6	15.5	14.5	13.3	11.1	13.5	12.6	9.6	50	90	79	10.0	3.5	—	0.3	1.1	—	—	—	—	—	—	—	—	—	—	—		
3	16.2	24.2	17.8	19.2	26.0	15.3	13.5	13.0	10.5	13.7	12.4	9.4	45	90	76	7.7	4.8	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—		
4	15.0	25.0	16.2	18.1	25.5	12.5	11.0	11.7	10.4	12.7	11.6	9.2	44	92	76	6.0	7.8	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—		
5	13.0	25.4	16.6	17.9	26.0	12.5	11.0	10.4	9.7	13.0	11.0	9.3	38	92	74	4.3	7.4	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—		
6	13.4	25.6	16.8	18.1	26.0	12.0	10.0	10.4	9.4	12.9	10.9	9.1	38	90	73	6.3	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
7	14.4	26.6	17.4	19.0	27.0	13.2	11.5	11.4	10.4	14.2	12.0	9.4	40	96	77	10.0	4.5	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—		
8	14.3	25.2	17.0	18.4	26.0	13.0	11.2	11.9	10.5	12.5	11.6	9.8	44	86	76	10.0	4.0	8.3	—	—	—	—	—	—	—	—	—	—	—	—	—		
9	13.7	25.0	17.8	18.6	25.5	13.0	11.2	11.3	11.4	13.7	12.1	8.6	48	90	75	10.0	6.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
10	13.6	24.5	16.8	17.9	25.9	13.0	11.0	11.2	9.8	13.8	11.6	9.6	43	96	74	9.0	7.4	15.5	—	—	—	—	—	—	—	—	—	—	—	—	—		
11	16.0	24.2	17.1	18.6	24.5	15.5	14.0	13.4	10.1	13.0	12.2	9.8	45	88	77	9.3	6.6	21.6	—	—	—	—	—	—	—	—	—	—	—	—	—		
12	14.2	24.2	16.8	18.0	25.4	13.4	12.0	11.1	11.2	9.6	13.1	11.3	93	43	91	7.6	10.0	4.2	14.2	—	—	—	—	—	—	—	—	—	—	—	—		
13	14.6	26.0	18.0	19.2	26.8	14.0	13.4	11.5	10.0	12.7	11.4	93	40	82	72	10.0	5.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
14	15.8	24.6	17.8	19.0	25.1	15.0	13.5	12.2	10.2	13.7	12.0	91	44	90	75	10.0	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
15	15.0	23.6	16.6	18.0	24.5	14.5	13.5	11.8	10.7	13.6	12.0	93	49	96	79	10.0	3.0	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—		
16	15.0	20.4	15.4	16.6	21.6	14.3	13.5	11.4	12.6	13.3	12.4	97	70	94	87	10.0	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
17	13.6	24.0	15.2	17.0	24.3	13.0	11.3	11.7	11.0	12.2	11.6	98	49	94	80	8.7	1.7	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—		
18	14.8	23.3	16.8	17.4	22.5	14.0	13.7	11.2	10.2	13.1	11.9	89	54	91	78	10.0	1.2	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—		
19	14.0	23.0	15.4	17.0	22.5	14.0	12.8	11.5	11.0	12.6	11.7	96	52	96	81	10.0	5.3	38.8	—	—	—	—	—	—	—	—	—	—	—	—	—		
20	13.6	24.8	17.0	18.1	25.5	13.2	11.0	11.2	11.2	13.7	12.0	96	48	94	78	7.3	6.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
21	15.0	26.2	18.5	19.6	26.5	14.4	13.0	12.3	11.5	13.9	12.6	96	45	87	76	8.7	7.4	4.1	—	—	—	—	—	—	—	—	—	—	—	—	—		
22	15.0	26.4	17.0	18.8	26.6	14.5	13.0	12.5	11.4	12.9	12.3	96	44	89	77	7.0	3.7	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—		
23	13.6	26.0	18.6	19.2	26.5	13.2	11.0	11.4	11.6	14.4	12.4	96	46	90	77	8.7	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
24	15.2	19.6	17.0	17.2	21.9	14.5	13.6	12.4	13.0	12.7	12.7	96	76	94	89	10.0	0.1	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—		
25	15.4	24.0	17.1	18.4	24.7	15.3	14.6	12.6	11.2	13.2	12.3	96	50	90	79	6.7	0.2	1.2	—	—	—	—	—	—	—	—	—	—	—	—	—		
26	15.6	25.4	18.3	19.4	26.9	14.0	12.5	12.5	11.6	14.7	12.9	94	48	92	78	7.7	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
27	17.2	25.4	18.6	20.0	26.4	16.0	14.4	14.0	11.6	14.4	13.3	95	48	90	78	10.0	2.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
28	16.2	25.2	18.8	19.8	25.6	14.4	12.4	13.0	11.6	14.7	13.1	94	48	91	78	9.7	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
29	16.0	22.5	17.7	18.5	23.4	15.0	13.9	12.8	13.4	14.7	13.6	94	65	96	85	10.0	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
30	16.6	26.8	19.6	20.6	27.2	15.6	13.9	12.9	13.2	14.9	13.7	91	48	88	76	7.3	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
31	17.8	22.8	18.6	19.4	27.0	16.4	14.2	13.8	14.7	15.5	14.7	91	70	96	86	10.0	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Med.	15.0	24.4	17.3	18.5	25.3	14.1	12.6	12.2	11.1	13.5	12.2	94	49	91	78	8.7	4.5	4.6	0.2	1.4	6.0	1.3	—	—	—	—	—	—	—	—	—		

Precipitación total 189.7 mm

D A T O S D I A R I O S

Estación J a r a s i n Mes j u l i o Año 1968 $\phi = 5^{\circ} 34' N$ $\lambda = 75^{\circ} 56' WGR$ Altura 1.630 M.

Días	T E M P E R A T U R A S						T E N S I O N D E L V A P O R						H u m e d a d R e l a t i v a			N U B O S I D A D E S			B r i l l o S o l a r			P R E C I P I T A C I O N			E V A P O R A C I O N			V I E N T O S															
	Máx.		Min.		Mínima Sueto		7		14		20		Med.		7		14		20		Med.		7		14		20		7		14		20		7		14		20				
	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	DIREC CION	FUEZA Km./Hora	DIREC CION	FUEZA Km./Hora	DIREC CION	FUEZA Km./Hora	DIREC CION	FUEZA Km./Hora	DIREC CION	FUEZA Km./Hora						
1	16.0	20.0	16.4	17.2	23.0	15.5	14.0	13.4	14.4	14.1	14.0	98	83	100	94	10.0	4.5	13.7	2.6	4.4	7.6	1.0	0.0	0	00	0	00	0	00	0	00	0	00	0	00	0	00						
2	15.4	23.7	17.4	18.5	24.6	15.2	14.0	12.6	13.3	13.3	13.1	96	60	90	82	9.7	5.8	0.6	—	5.7	6.9	1.2	0.0	0	00	0	00	0	00	0	00	0	00	0	00	0	00	0	00				
3	15.8	25.0	17.6	19.0	25.4	15.0	14.1	13.5	12.5	14.0	13.3	100	52	91	82	9.3	5.4	1.2	0.5	0.1	14.4	1.8	0.0	0	14	1	08	1	14	2	00	0	00	0	00	0	00	0	00				
4	14.8	24.9	18.0	18.9	26.5	13.3	12.4	11.7	11.2	14.0	12.3	93	48	91	77	4.7	9.4	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
5	16.0	24.0	18.0	19.0	25.4	15.0	14.1	13.1	12.4	13.8	12.1	96	56	90	61	7.3	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
6	16.0	21.9	16.8	17.9	23.8	14.5	13.3	12.7	11.8	13.8	12.8	93	60	96	83	10.0	1.2	—	0.7	0.9	2.0	1.0	0.0	0	00	0	00	0	00	0	00	0	00	0	00	0	00	0	00	0	00		
7	16.0	25.8	16.1	18.5	26.2	14.0	13.0	13.4	12.0	12.4	12.6	98	48	90	76	3.3	8.8	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
8	13.6	26.7	17.2	18.7	27.0	12.0	11.1	10.9	10.7	12.0	12.0	94	45	89	75	5.7	9.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
9	15.0	25.9	19.3	19.9	26.4	14.4	13.5	11.6	12.5	13.8	12.6	91	50	82	74	7.7	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
10	15.6	25.6	17.8	19.2	26.3	14.0	13.3	12.1	11.8	12.4	12.1	91	48	82	74	10.0	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
11	13.6	25.4	18.0	19.8	26.4	12.3	11.7	10.8	10.7	12.7	11.4	93	44	82	73	6.7	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
12	14.9	24.8	18.0	19.9	26.5	12.9	12.0	12.1	11.2	13.6	12.3	96	48	88	77	9.3	6.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
13	15.2	24.2	17.2	18.4	25.9	14.5	13.6	12.4	12.6	13.0	12.7	96	55	88	80	7.0	5.6	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
14	16.8	24.8	16.8	18.8	26.0	13.9	12.4	13.8	12.0	13.4	13.1	96	51	93	80	9.3	4.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
15	16.8	26.2	17.8	19.6	27.0	14.6	13.4	13.1	12.8	13.8	13.2	96	50	91	79	9.0	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
16	16.0	21.0	16.4	17.4	22.0	15.6	14.4	13.1	14.3	13.4	13.6	96	77	96	90	9.3	2.3	11.3	2.9	3.3	40.1	0.8	0.0	0	00	0	00	0	00	0	00	0	00	0	00	0	00	0	00	0	00		
17	15.6	22.4	16.1	17.6	23.3	14.9	14.0	12.3	12.1	13.1	12.5	93	60	96	83	10.0	1.6	33.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	16.2	26.6	18.0	19.7	27.3	14.0	13.1	12.6	12.8	13.6	13.0	91	48	88	76	5.7	9.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	16.0	23.9	16.4	18.2	25.0	14.5	13.6	12.8	12.8	13.2	12.9	94	58	94	82	7.7	6.9	8.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
20	16.0	23.3	17.0	18.3	24.0	15.5	14.5	13.4	11.8	13.2	12.8	98	56	91	82	8.7	2.6	13.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
21	16.2	22.2	15.1	17.2	23.3	15.0	14.4	13.3	11.1	15.3	13.2	96	69	96	87	9.3	4.1	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
22	15.4	24.2	16.8	17.6	23.4	14.0	13.1	12.3	11.3	13.8	12.5	94	60	96	83	10.0	3.6	0.8	10.4	14.0	26.5	0.8	0.0	0	00	0	00	0	00	0	00	0	00	0	00	0	00	0	00	0	00		
23	16.6	23.7	16.8	18.5	25.4	14.8	13.3	13.6	12.4	13.5	13.2	96	56	94	82	8.3	7.0	2.1	0.2	2.4	2.6	1.2	0.0	0	00	0	00	0	00	0	00	0	00	0	00	0	00	0	00	0	00	0	00
24	17.2	26.5	18.3	20.1	27.0	15.9	14.5	14.1	11.8	14.9	13.6	96	45	95	79	9.0	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	16.0	26.8	17.1	19.2	27.2	14.2	13.5	13.1	11.8	14.6	13.2	96	44	98	79	5.0	8.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	15.6	25.9	17.6	19.2	27.4	14.0	13.5	12.3	10.9	13.0	12.1	93	44	86	74	4.7	7.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	15.4	26.0	16.8	18.8	26.9	13.7	13.0	12.6	10.0	11.5	11.4	96	40	80	72	4.7	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	15.6	26.8	17.8	19.5	27.9	12.8	11.8	12.2	9.5	13.0	11.6	92	36	85	74	6.7	9.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	15.0	25.4	19.0	19.6	25.9	13.6	12.9	11.3	12.4	14.9	12.9	88	51	91	77	9.7	5.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	16.0	25.4	17.8	19.2	25.9	14.0	12.7	12.4	12.3	13.2	12.6	91	50	87	76	6.3	3.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	16.0	23.0	18.4	19.0	25.8	14.3	12.9	11.9	15.5	13.6	14.3	87	73	98	86	9.7	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Med	15.7	24.5	17.3	18.7	25.6	14.2	13.3	12.6	12.2	13.5	12.8	94	54	91	80	7.9	6.0	3.3	0.6	2.1	5.5	1.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

Precipitacion total 171.8 mm

DATOS DIARIOS

Estación J a r a f a Mes Agosto Año 1968 $\phi = 5^{\circ} 3' N$ $\lambda = 79^{\circ} 56' WGR$ Altura 1.630 M.

Días	TEMPERATURAS					TENSION DEL VAPOUR					Humedad Relativa			Brillo Solar		PRECIPITACION			EVAPORACION			VIENTOS								
	7	14	20	Med.	Mínima Suño	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	7	14	20	7	14	20	7	14	20	
																														DIREC
1	16.8	24.9	17.9	19.4	25.9	16.0	16.8	13.6	12.7	14.4	13.6	95	94	81	8.3	2.0	—	—	—	—	1.0	0.8	1	12	2	00	0	—	—	—
2	16.6	21.6	17.4	18.2	22.9	16.3	15.4	13.6	12.7	14.2	13.5	96	66	96	8.6	10.0	2.2	6.3	—	—	—	—	—	—	—	—	—	—	—	
3	15.6	26.2	17.5	19.2	26.7	14.2	13.0	12.1	11.1	14.0	12.4	91	43	93	7.6	6.0	8.5	—	—	—	—	—	—	—	—	—	—	—	—	
4	17.0	26.4	16.2	19.0	27.0	13.8	12.8	12.5	10.2	12.3	11.7	86	40	89	7.2	8.3	7.8	—	—	—	—	—	—	—	—	—	—	—	—	
5	15.6	22.3	17.0	18.0	23.5	14.4	13.6	12.2	11.2	13.0	11.8	92	56	84	7.7	9.7	3.6	—	—	—	—	—	—	—	—	—	—	—	—	
6	15.8	20.0	16.1	17.2	22.2	15.0	13.8	13.2	12.3	13.0	12.8	98	66	94	8.6	8.3	1.4	0.4	6.0	—	—	—	—	—	—	—	—	—	—	
7	16.4	22.9	16.8	18.2	25.5	15.4	14.6	13.4	14.7	13.4	13.8	96	70	93	8.6	6.7	6.9	0.3	0.3	0.5	0.8	1.2	0.0	1	0.8	1	0.8	1	0.8	
8	16.7	23.8	17.4	18.8	25.9	16.0	14.9	13.1	11.6	14.4	13.0	91	52	97	8.0	6.7	7.2	—	—	—	—	—	—	—	—	—	—	—	—	
9	16.0	25.9	16.0	18.5	26.2	14.6	13.5	13.4	12.0	13.2	12.9	98	48	97	8.1	7.0	5.8	1.5	—	—	—	—	—	—	—	—	—	—	—	
10	15.1	26.9	18.7	19.8	27.9	13.6	12.0	12.3	10.5	13.2	12.0	96	40	81	7.2	3.7	8.8	—	—	—	—	—	—	—	—	—	—	—	—	
11	16.8	23.8	16.6	18.4	25.0	15.0	13.5	13.1	12.2	13.3	12.9	91	55	94	8.0	9.7	4.7	—	—	—	—	—	—	—	—	—	—	—	—	
12	16.2	26.2	17.0	19.1	27.0	14.9	13.7	13.0	11.4	12.7	12.4	94	44	88	7.5	4.3	9.6	—	—	—	—	—	—	—	—	—	—	—	—	
13	14.0	27.0	19.5	20.0	28.4	13.0	11.8	10.8	10.5	12.9	11.4	91	38	76	6.8	0.7	10.4	—	—	—	—	—	—	—	—	—	—	—	—	
14	16.4	24.1	16.2	18.2	25.9	14.5	13.2	12.5	10.7	13.0	12.1	89	48	94	7.7	7.7	3.3	—	—	—	—	—	—	—	—	—	—	—	—	
15	16.0	26.6	17.0	19.2	26.8	15.4	14.5	12.5	12.8	12.9	12.7	92	48	89	7.6	6.0	5.7	—	—	—	—	—	—	—	—	—	—	—	—	
16	15.7	27.4	17.4	19.5	28.0	15.0	13.9	12.5	11.7	14.0	12.7	94	43	94	7.1	6.0	8.2	1.3	—	—	—	—	—	—	—	—	—	—	—	
17	16.0	23.7	17.2	18.5	24.8	15.0	14.2	13.1	13.3	13.9	13.4	96	60	94	8.3	9.0	3.1	1.6	—	—	—	—	—	—	—	—	—	—	—	
18	16.2	24.9	18.2	19.4	26.4	15.0	13.9	13.3	11.6	14.3	13.1	96	49	92	8.6	4.9	3.2	—	—	—	—	—	—	—	—	—	—	—	—	
19	17.0	23.8	18.0	19.2	26.0	15.0	13.8	12.9	13.4	13.8	13.4	89	61	90	8.0	8.3	7.9	—	—	—	—	—	—	—	—	—	—	—	—	
20	15.2	25.4	17.0	18.6	26.0	14.5	13.6	12.2	10.7	13.1	12.0	94	44	90	7.6	9.0	4.5	0.4	—	—	—	—	—	—	—	—	—	—	—	
21	16.6	23.7	17.8	18.9	26.4	15.4	14.5	13.2	10.6	13.5	12.4	93	48	90	7.7	5.0	7.2	—	—	—	—	—	—	—	—	—	—	—	—	
22	14.9	25.8	17.8	19.1	28.2	13.0	11.6	11.7	11.2	14.4	12.4	93	45	94	7.7	6.3	6.8	—	—	—	—	—	—	—	—	—	—	—	—	
23	16.0	26.0	17.2	19.1	27.2	14.1	13.3	13.0	12.2	13.7	13.0	95	48	92	7.8	8.7	7.9	—	—	—	—	—	—	—	—	—	—	—	—	
24	15.4	24.5	17.8	18.9	26.4	15.0	14.0	12.6	11.0	14.4	12.7	96	48	94	7.9	6.7	5.5	—	—	—	—	—	—	—	—	—	—	—	—	
25	15.8	22.2	17.6	18.3	24.7	14.6	13.7	12.3	14.1	14.5	13.6	94	70	96	8.7	10.0	4.0	—	—	—	—	—	—	—	—	—	—	—	—	
26	15.8	21.9	16.2	17.5	23.0	14.8	13.8	12.8	12.9	13.0	12.9	95	66	94	8.5	10.0	4.0	—	—	—	—	—	—	—	—	—	—	—	—	
27	15.6	19.3	16.2	16.8	19.7	14.0	13.6	12.8	11.8	13.9	12.6	96	71	96	8.8	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	13.9	21.1	17.0	17.2	24.2	13.3	11.0	11.2	14.3	14.0	13.2	95	75	96	8.9	8.0	4.2	—	—	—	—	—	—	—	—	—	—	—	—	
29	16.0	24.2	17.4	18.8	26.0	14.8	13.4	12.1	12.3	14.0	12.8	89	54	94	7.9	7.0	6.9	—	—	—	—	—	—	—	—	—	—	—	—	
30	14.9	22.4	17.8	18.2	23.5	14.5	14.0	12.2	10.3	14.2	12.2	97	50	93	8.0	10.0	2.2	25.0	0.6	—	—	—	—	—	—	—	—	—	—	
31	16.2	20.6	18.2	18.3	22.6	15.4	14.9	13.3	15.6	14.3	14.4	96	86	92	9.1	9.7	0.5	9.2	1.2	1.2	2.4	0.6	0.0	0	0	0	0	0	0	
Med.	15.9	24.1	17.3	18.6	25.5	14.7	13.6	12.7	12.0	13.6	12.8	94	54	92	8.0	7.5	5.2	2.4	0.4	1.8	4.6	1.3	—	—	—	—	—	—	—	

Precipitación total 142.9 m.m.

DATOS DIARIOS

Estación J a r d i n

Mes S e p t i e m b r e

Año 1916

φ = 54° 34' N λ = 75° 56' WGR

Altura 1.630 M.

Días	T E M P E R A T U R A S °C					T E N S I O N D E L V A P O R m m					H u m e d a d R e l a t i v a %			Brillo Solar Horas	P R E C I P I T A C I O N m m			E V A P O R A C I O N m m			V I E N T O S													
	7	14	20	Med.	Máx. Min.	Mínima Suelo	7	14	20	Med.	7	14	20		Med.	7	14	20	Total	7	14	20	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora									
																										DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora						
1	15.6	19.4	17.6	17.6	24.0	13.3	12.1	11.9	12.7	14.5	13.0	90	75	96	87	9.0	3.1	—	—	0.8	10.6	28.1	1.0	1.0	1.0	1.0	2	08	1					
2	16.1	21.6	16.0	17.4	23.0	15.4	14.5	12.7	15.2	12.7	13.5	92	77	93	87	10.0	0.3	16.7	3.8	2.3	6.1	0.5	0.0	0	12	1	04	1	08	1				
3	15.0	24.0	19.0	19.2	25.6	14.0	13.2	12.3	12.4	13.6	12.8	96	56	83	78	8.7	5.6	—	—	—	—	8.3	1.4	0.0	0	12	1	08	1	08	1			
4	15.0	22.7	16.2	17.5	24.4	14.8	14.0	12.3	13.1	12.6	13.4	96	54	91	80	9.7	4.3	8.3	0.1	3.6	4.2	1.2	0.0	0	14	2	00	0	00	0				
5	14.1	20.4	15.4	16.2	22.0	13.0	11.0	11.2	13.1	12.3	12.2	94	75	94	88	7.0	6.5	0.5	—	3.0	3.0	—	1.2	0.0	0	14	1	00	0	00	0			
6	15.0	24.4	16.2	18.0	26.4	13.0	11.8	12.1	12.5	13.3	12.6	95	54	96	82	5.3	6.5	—	—	—	—	—	1.6	0.4	1	08	1	00	0	00	0			
7	17.2	26.2	17.5	19.6	27.5	14.5	13.5	13.2	11.1	14.3	12.9	90	43	95	76	9.3	6.9	—	—	—	—	—	1.6	0.0	0	00	0	06	1	00	0			
8	17.2	21.0	16.8	18.0	22.2	15.9	15.0	13.9	14.0	13.9	13.9	94	75	97	89	10.0	—	—	—	1.2	5.0	16.7	0.7	12	1	12	1	06	1	06	1			
9	16.0	22.4	16.0	17.6	23.3	15.5	14.7	13.2	13.6	13.4	13.4	97	66	98	87	10.0	—	10.5	0.1	0.5	0.6	0.8	0.0	0	06	1	10	1	10	1	10	1		
10	16.8	26.2	18.2	19.8	26.7	15.0	13.9	13.1	14.4	14.8	14.4	91	44	94	76	9.3	5.4	—	—	—	—	—	1.4	1.0	1	14	1	08	1	08	1			
11	17.2	21.1	18.0	18.6	22.3	16.5	15.6	13.9	15.1	14.9	14.6	94	80	96	90	10.0	1.6	—	—	1.7	0.5	7.7	0.8	0.0	0	00	0	12	1	10	1			
12	15.4	24.6	17.8	18.9	25.1	15.0	14.5	12.5	11.7	14.4	12.9	95	50	94	80	5.7	4.4	5.5	0.5	—	—	1.9	1.2	0.0	0	14	1	06	1	06	1			
13	17.6	25.9	16.8	19.3	26.5	16.0	14.5	14.2	12.0	13.4	13.2	94	48	93	78	9.0	4.5	1.4	—	0.4	3.6	1.0	0.6	1	10	1	08	1	08	1	08	1		
14	15.6	26.8	18.8	20.0	27.0	14.1	13.0	12.3	10.5	15.4	12.7	93	40	94	76	4.3	8.0	3.2	—	—	10.8	1.8	0.4	1	02	2	10	1	10	1	10	1		
15	15.8	23.5	16.2	17.9	24.5	15.0	14.0	12.2	12.4	13.3	12.6	91	57	96	82	7.7	3.4	10.8	0.3	—	1.6	2.1	0.6	0.0	0	14	1	12	1	10	1			
16	15.8	25.4	17.1	18.8	26.1	14.5	13.5	12.7	12.3	14.2	13.1	94	50	94	79	7.7	6.9	0.2	—	1.3	23.2	1.5	0.6	1	02	1	02	1	00	0	00	0		
17	14.8	23.6	16.4	17.8	25.0	13.0	12.4	11.8	13.1	13.5	12.8	94	60	97	84	6.3	5.0	21.9	—	—	1.3	2.6	1.0	0.0	0	12	2	04	1	04	1	04	1	
18	15.8	23.9	17.2	18.5	24.9	14.2	13.0	12.9	12.2	14.1	13.1	96	55	96	82	8.0	4.4	1.3	3.7	0.9	7.8	1.2	0.0	0	00	0	04	1	04	1	04	1		
19	16.0	22.9	17.0	18.2	24.0	15.2	14.1	13.4	12.9	13.7	13.3	98	62	94	85	5.7	3.4	3.2	—	0.2	0.2	1.1	0.4	1	00	0	00	0	00	0	00	0		
20	15.8	26.9	16.8	19.1	27.4	14.2	12.9	12.7	12.2	13.9	12.9	94	46	97	79	6.7	6.9	—	—	—	0.7	2.0	1.7	0.0	0	00	0	10	1	10	1	10	1	
21	16.2	24.1	17.5	18.8	24.4	15.0	14.2	12.9	11.2	14.2	12.8	93	50	94	79	10.0	—	—	—	—	—	—	1.2	0.0	0	00	0	08	1	08	1	08	1	
22	16.6	24.7	15.6	18.1	25.6	14.7	13.8	13.6	12.6	12.5	12.9	96	53	94	81	8.7	4.9	—	—	—	—	—	3.6	5.6	1.4	0.6	1	10	2	08	1	08	1	
23	15.3	24.6	17.0	18.5	26.7	14.0	13.4	12.2	12.1	13.8	12.7	94	52	95	80	4.7	8.3	2.0	—	—	—	—	—	—	—	—	1.4	1	00	0	00	0		
24	16.0	26.2	17.0	19.0	26.6	14.2	12.9	12.7	11.8	13.7	12.7	93	46	94	78	8.7	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	15.4	22.2	16.8	17.8	26.0	14.0	12.4	12.0	14.1	13.8	13.3	92	70	96	86	9.3	5.4	—	—	0.8	0.2	1.1	1.3	0.0	0	16	1	08	1	08	1	08	1	
26	14.6	22.8	17.0	17.8	25.7	13.1	11.6	11.3	14.9	14.0	13.4	91	71	96	86	6.7	5.8	0.1	2.1	11.9	20.0	1.4	0.4	0	1	00	0	00	0	00	0	00	0	
27	15.4	23.9	17.0	18.3	25.9	14.6	14.0	12.6	11.1	13.8	12.5	96	52	95	81	9.7	2.7	6.0	—	—	35.1	47.5	0.8	0.0	0	04	1	12	2	02	2	02	2	
28	14.0	21.9	16.8	17.4	22.1	13.4	12.4	11.5	13.6	14.1	13.1	96	70	98	88	9.7	2.3	12.4	0.7	2.7	22.0	0.8	0.0	0	00	0	00	0	00	0	00	0	00	0
29	15.6	23.6	16.4	17.8	24.0	15.4	14.0	12.9	11.2	13.2	12.4	97	51	94	81	9.7	4.6	8.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	15.4	21.0	18.0	18.1	24.1	14.6	13.7	12.9	15.6	14.9	14.5	96	84	96	92	8.7	2.8	—	—	1.1	0.3	3.6	0.8	0.0	0	12	1	04	1	04	1	04	1	
31																																		
Med	15.7	23.6	17.0	18.3	25.1	14.5	13.4	12.6	12.9	13.8	13.1	94	59	95	83	8.2	4.4	4.1	0.6	2.9	7.6	1.2	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total 228.7 m.m.

DATOS DIARIOS

Estacion J. A. R. d. i. n. Mes Noviembre Año 1916 $\phi = 5^{\circ} 31' N$ $\lambda = 75^{\circ} 56' W$ G. R. Altura 1.630 M.

Dias	TEMPERATURAS					TENSION DEL VAPOR					Humedad Relativa			PRECIPITACION			VIENTOS													
	°C					m m					%			m m			Km/Hora													
	7	14	20	Med.	Máx.	Mín.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20									
1	15.4	25.4	16.8	18.6	25.7	13.8	13.0	12.6	14.6	13.5	13.6	96	48	94	79	5.0	8.6	—	—	—	1.6	0.6	1	12	2	08	1			
2	15.0	22.4	16.7	18.0	24.6	14.4	14.0	12.7	14.8	13.4	13.6	93	72	93	86	6.7	6.1	—	—	—	1.4	1.0	1	00	0	06	1			
3	16.0	25.4	16.6	18.4	26.8	14.9	14.4	12.0	12.3	13.5	12.6	94	50	95	80	6.0	7.5	—	—	—	—	—	—	—	—	—	—	—		
4	15.6	21.0	16.4	17.4	23.5	14.8	14.0	12.9	14.9	13.5	13.8	97	80	97	91	8.7	2.9	—	—	—	—	—	—	—	—	—	—	—		
5	16.5	24.4	16.9	18.7	26.5	15.0	14.1	13.2	13.7	13.5	13.5	93	60	94	82	9.0	6.3	0.1	0.4	2.9	3.3	1.3	0.0	0	00	0	00	0		
6	16.4	21.6	17.6	18.3	26.5	14.9	14.0	13.2	15.8	14.2	14.4	94	82	94	90	5.9	—	—	—	—	—	—	—	—	—	—	—	—		
7	16.0	24.6	16.6	18.0	26.6	14.1	13.4	12.7	13.1	13.6	13.1	93	56	96	82	8.3	5.7	—	—	—	—	—	—	—	—	—	—	—		
8	16.0	19.8	16.0	17.0	23.0	15.9	15.4	13.4	15.1	13.4	14.0	98	88	97	94	10.0	2.5	5.5	8.2	1.2	9.4	0.6	0.0	0	00	0	00	0		
9	16.0	22.0	16.2	17.8	24.5	15.6	14.1	13.1	13.7	13.5	13.4	96	66	94	85	9.3	3.3	—	—	—	—	—	—	—	—	—	—	—		
10	16.0	24.8	16.9	18.8	25.5	14.6	12.8	13.4	15.2	14.1	14.2	95	48	97	80	7.3	6.8	—	—	—	—	—	—	—	—	—	—	—		
11	16.5	24.8	16.9	18.8	25.5	14.6	12.8	13.4	15.2	14.1	14.2	95	48	97	80	7.3	6.8	—	—	—	—	—	—	—	—	—	—	—		
12	15.8	24.8	17.9	19.1	25.0	15.3	14.0	12.8	12.3	14.7	13.3	95	52	96	81	7.7	5.6	13.1	—	—	—	—	—	—	—	—	—	—		
13	16.4	21.6	17.9	18.4	23.0	15.9	14.5	13.3	13.4	14.8	13.8	95	70	97	87	9.7	1.8	10.3	0.1	0.8	29.6	1.0	0.0	0	00	0	08	1		
14	16.6	24.2	17.4	18.9	24.5	15.4	14.2	13.6	12.7	14.2	13.5	96	56	95	82	9.3	0.7	28.7	3.2	10.7	15.1	0.7	0.0	0	16	2	08	1		
15	15.6	22.0	16.0	17.4	23.3	15.2	14.5	13.0	12.8	12.8	12.9	98	65	94	86	9.3	1.6	1.2	—	—	—	—	—	—	—	—	—	—	—	
16	15.4	25.0	16.4	18.3	25.4	14.0	12.1	12.3	11.4	13.2	12.3	94	48	94	79	7.7	6.5	—	—	—	—	—	—	—	—	—	—	—	—	
17	13.0	24.8	17.0	18.0	25.9	12.0	10.5	10.7	11.8	14.0	12.2	96	50	96	81	8.3	6.7	—	—	—	—	—	—	—	—	—	—	—	—	
18	16.0	23.0	16.8	18.2	24.7	14.7	14.0	13.4	12.6	13.8	13.3	97	60	96	84	7.7	4.2	1.0	—	—	—	—	—	—	—	—	—	—	—	
19	16.0	23.4	17.0	18.4	25.0	15.7	15.2	13.1	14.0	13.7	13.6	96	65	94	85	10.0	5.2	—	—	—	—	—	—	—	—	—	—	—	—	
20	15.4	23.6	16.6	18.0	25.0	15.0	14.0	12.2	13.7	13.6	13.2	93	63	96	84	9.0	5.1	14.1	—	—	—	—	—	—	—	—	—	—	—	
21	14.9	21.5	17.4	17.8	25.0	14.0	13.0	11.9	13.4	14.6	13.3	94	70	98	87	7.3	6.0	5.8	—	—	—	—	—	—	—	—	—	—	—	
22	15.4	24.4	17.2	18.6	25.2	14.5	13.0	12.3	10.9	14.1	12.4	94	48	96	79	6.3	4.7	0.7	—	—	—	—	—	—	—	—	—	—	—	
23	15.6	21.7	16.9	17.8	21.8	14.6	13.4	12.8	12.8	13.8	13.1	96	65	96	86	9.3	—	4.7	—	—	—	—	—	—	—	—	—	—	—	
24	16.6	19.6	17.6	17.8	23.0	15.0	14.0	13.6	14.9	14.2	14.2	96	88	94	93	9.0	2.8	1.7	4.4	—	—	—	—	—	—	—	—	—	—	
25	16.6	23.5	16.0	18.0	24.7	15.5	14.6	13.3	11.6	13.4	12.8	94	53	98	82	9.3	4.5	0.2	—	—	—	—	—	—	—	—	—	—	—	
26	15.2	25.8	17.8	19.2	26.0	13.5	12.2	12.3	14.5	14.8	13.9	95	58	97	83	6.7	6.9	0.3	—	—	—	—	—	—	—	—	—	—	—	
27	17.4	25.2	17.0	19.2	26.5	15.6	14.4	13.7	11.6	14.0	13.1	92	48	96	79	8.0	4.4	22.7	—	—	—	—	—	—	—	—	—	—	—	
28	16.6	25.4	17.8	19.4	25.6	15.0	14.3	13.3	11.6	14.2	13.0	94	48	93	78	7.7	6.8	—	—	—	—	—	—	—	—	—	—	—	—	
29	17.6	24.8	17.4	19.3	26.5	16.9	16.0	14.2	12.7	14.0	13.6	94	54	94	81	6.0	6.2	0.2	—	—	—	—	—	—	—	—	—	—	—	
30	16.4	23.6	15.5	17.8	24.5	15.7	14.2	12.7	12.2	12.7	12.5	91	55	96	81	9.7	4.9	—	—	—	—	—	—	—	—	—	—	—	—	
31																														
Med.	15.9	23.4	16.9	18.3	25.0	14.9	13.8	12.9	13.2	13.8	13.3	95	61	95	84	8.1	4.9	3.9	0.7	5.2	9.9	1.2	—	—	—	—	—	—	—	

Precipitación total 296.2 m.m.

DATOS DIARIOS

Altura 1.630 M.

φ = 5° 34' N λ = 75° 56' W GR

Mes Diciembre Año 1968

Estación Jardín

Días	TEMPERATURAS °C						TENSION DEL VAPOR mm						Humedad Relativa %			Brillo Solar Horas			PRECIPITACION mm			EVAPORACION mm			VIENTOS					
	Máx.		Min.		Mínima Suelo		7		14		20		7		14		20		7		14		20		7		14		20	
	7	14	20	Med.	14	20	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA		
1	15.2	22.6	16.0	17.4	23.0	13.5	12.3	12.0	12.4	12.2	95	98	91	81	1.7	6.4	0.4	---	---	---	---	---	---	---	---	---	---	---	---	
2	16.0	23.9	15.2	17.6	24.9	15.1	13.1	10.6	12.2	12.0	95	48	94	79	6.7	4.8	14.0	---	---	---	---	---	---	---	---	---	---	---	---	
3	16.0	24.9	17.4	18.5	25.8	15.0	13.5	10.7	14.0	12.7	98	46	94	79	8.7	6.4	1.7	---	---	---	---	---	---	---	---	---	---	---	---	
4	13.0	22.8	16.7	17.3	23.8	12.4	11.3	10.7	11.7	13.4	11.9	96	54	93	81	1.7	5.3	0.7	---	---	---	---	---	---	---	---	---	---	---	
5	15.6	23.4	16.0	17.8	24.0	15.0	14.5	12.8	11.8	12.8	12.5	96	56	94	82	8.3	4.7	0.6	---	---	---	---	---	---	---	---	---	---	---	
6	15.2	25.7	17.0	18.7	25.8	14.4	13.0	12.0	11.4	13.5	12.3	93	46	92	77	8.0	6.1	---	---	---	---	---	---	---	---	---	---	---	---	
7	16.2	25.7	17.8	19.4	26.4	15.0	14.0	12.9	13.0	13.8	13.2	93	54	91	79	4.7	8.1	---	---	---	---	---	---	---	---	---	---	---	---	
8	15.6	22.0	17.6	18.2	25.0	14.2	13.0	12.8	13.8	14.2	13.6	96	70	94	87	6.7	5.6	4.3	---	---	---	---	---	---	---	---	---	---	---	
9	15.6	25.4	16.8	18.6	26.4	13.7	12.3	12.5	12.7	13.8	13.0	93	52	96	80	8.0	8.5	---	---	---	---	---	---	---	---	---	---	---	---	
10	16.0	25.0	18.0	19.2	26.3	15.2	14.5	13.2	12.5	14.9	13.5	97	50	96	84	9.3	5.3	0.6	---	---	---	---	---	---	---	---	---	---	---	
11	14.1	25.8	19.0	19.5	26.8	13.9	12.8	11.2	11.2	15.5	12.6	94	45	94	78	6.0	7.2	10.4	---	---	---	---	---	---	---	---	---	---	---	
12	15.8	26.0	18.8	19.8	26.6	15.1	13.4	12.8	12.7	14.6	13.4	95	50	90	78	5.3	7.4	---	---	---	---	---	---	---	---	---	---	---	---	
13	16.2	27.1	18.0	19.8	27.4	15.4	14.0	13.0	14.0	13.0	14.1	96	54	92	80	4.0	8.7	---	---	---	---	---	---	---	---	---	---	---	---	
14	17.2	21.0	17.4	18.2	22.8	15.9	15.0	14.1	14.2	14.0	14.1	96	76	94	89	7.0	4.1	---	---	---	---	---	---	---	---	---	---	---	---	
15	16.1	24.0	16.9	18.5	25.2	14.3	12.3	13.0	12.4	14.1	13.2	94	56	98	83	7.3	5.5	---	---	---	---	---	---	---	---	---	---	---	---	
16	17.0	23.5	16.8	18.5	24.5	16.4	15.5	14.0	12.3	13.4	12.9	96	52	93	80	6.7	2.8	---	---	---	---	---	---	---	---	---	---	---	---	
17	15.1	24.8	17.2	18.6	25.6	13.7	12.5	12.4	12.3	13.7	12.8	96	52	93	80	5.7	5.7	---	---	---	---	---	---	---	---	---	---	---	---	
18	14.0	26.8	17.8	19.1	27.0	13.7	12.5	11.5	10.5	13.7	11.9	96	40	90	75	6.0	7.8	---	---	---	---	---	---	---	---	---	---	---	---	
19	16.8	23.6	16.1	18.2	24.5	16.2	15.0	13.1	12.2	12.5	12.6	91	56	92	80	6.7	1.2	---	---	---	---	---	---	---	---	---	---	---	---	
20	15.1	25.4	16.4	18.3	26.0	14.6	13.4	12.2	12.3	13.4	12.6	94	50	96	80	3.7	7.6	---	---	---	---	---	---	---	---	---	---	---	---	
21	16.2	23.9	15.0	17.5	25.0	14.8	14.0	13.3	12.1	12.0	12.5	96	54	94	81	6.7	3.1	---	---	---	---	---	---	---	---	---	---	---	---	
22	16.4	25.5	18.0	19.5	26.2	14.5	13.5	12.7	11.3	14.1	12.7	91	46	92	76	9.3	6.2	---	---	---	---	---	---	---	---	---	---	---	---	
23	16.5	19.6	16.2	17.1	22.0	15.4	14.4	13.8	10.9	13.4	12.7	98	81	97	92	7.0	2.7	---	---	---	---	---	---	---	---	---	---	---	---	
24	15.4	24.2	15.9	17.8	25.7	15.0	14.6	12.5	12.7	12.8	12.7	95	56	95	82	8.3	6.2	3.4	---	---	---	---	---	---	---	---	---	---	---	
25	14.5	25.4	14.6	17.3	26.0	13.9	13.1	11.7	10.2	12.1	11.3	95	42	97	79	4.0	9.2	---	---	---	---	---	---	---	---	---	---	---	---	
26	14.0	25.6	16.1	18.0	26.2	13.4	12.5	11.4	10.4	12.4	11.4	95	42	90	76	5.3	8.7	---	---	---	---	---	---	---	---	---	---	---	---	
27	13.6	25.0	16.4	17.8	25.4	13.0	12.0	11.2	12.9	11.7	11.9	96	54	84	78	5.0	7.1	---	---	---	---	---	---	---	---	---	---	---	---	
28	14.0	23.4	17.6	18.2	24.7	13.0	12.1	11.5	12.0	14.0	12.5	96	56	93	82	5.0	3.6	---	---	---	---	---	---	---	---	---	---	---	---	
29	15.4	25.4	16.4	18.4	25.9	15.1	13.0	12.6	10.7	12.5	11.9	96	44	89	76	5.0	7.3	1.1	---	---	---	---	---	---	---	---	---	---	---	
30	14.2	22.6	16.2	17.2	24.0	12.9	11.8	11.5	11.6	12.4	11.6	95	53	90	79	10.0	2.1	---	---	---	---	---	---	---	---	---	---	---	---	
31	14.3	25.2	17.0	18.4	26.0	13.0	12.3	10.9	10.7	13.5	11.7	90	45	93	76	4.3	8.2	---	---	---	---	---	---	---	---	---	---	---	---	
Med	15.4	24.4	16.8	18.4	25.3	14.4	13.3	12.4	11.8	13.4	12.6	95	53	93	80	6.6	5.8	1.2	0.1	0.9	2.3	1.4	---	---	---	---	---	---	---	

Precipitación total 70.1 mm.

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

ESTACION: Jardina

AÑO: 1.968

MESES	PRECIPITACION														TEMPERATURA					
	7 HORAS				14 HORAS				20 HORAS				TOTAL				Mínimo	Máximo		
	Más de:	01	100	200	500	Más de:	01	100	200	500	Más de:	01	100	200	500	Más de:	13.0C	15.0C	23.0C	Máximo
ENERO	4	4	2	1	-	4	3	-	-	-	10	8	5	3	2	1	13	9	3	6
FEBRERO	13	6	2	1	-	5	2	1	-	12	9	2	1	1	1	1	3	13	3	7
MARZO	17	14	5	2	-	3	2	-	-	10	7	1	1	-	-	8	10	3	3	
ABRIL	18	17	4	-	-	17	5	-	-	19	10	3	1	-	-	27	18	17	3	5
MAYO	22	14	4	1	-	16	8	-	-	20	10	1	-	-	-	29	24	20	12	7
JUNIO	21	13	5	1	-	15	6	1	-	22	12	-	-	-	-	27	21	19	15	8
JULIO	14	9	5	1	-	7	3	1	-	15	8	2	1	-	-	18	14	11	9	7
AGOSTO	12	8	2	2	-	8	4	-	-	19	10	1	1	-	-	24	17	13	8	3
SEPTBRE.	18	15	5	1	-	13	6	-	-	19	12	3	1	-	-	23	21	17	12	7
OCTUBRE	17	16	7	2	-	17	9	2	-	20	11	2	-	-	-	28	24	21	18	12
NOVRE.	17	12	4	2	-	8	5	-	-	21	16	5	3	-	-	25	22	21	17	11
DICIEMBRE	11	7	2	-	-	3	1	-	-	7	4	2	-	-	-	15	10	6	4	3
SUMA ANUAL	183	135	47	14	-	116	54	5	-	187	111	22	9	1	263	212	176	133	81	34

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	PRECIPITACION MAS DE 0.1 MM.																								TOTAL	
	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		
ENERO	-	2	2	2	4	4	4	3	2	2	2	-	1	1	1	1	1	1	1	1	2	1	-	-	8	
FEBRERO	3	4	5	6	4	5	3	4	2	1	1	1	2	2	2	2	4	6	8	6	5	5	3	3	2	18
MARZO	6	6	8	6	5	4	2	1	1	1	1	1	1	1	4	4	5	3	3	3	8	6	6	6	8	23
ABRIL	9	7	11	7	6	6	6	8	4	2	1	1	5	7	8	11	7	3	7	5	8	8	7	5	26	
MAYO	6	11	9	9	6	5	2	5	3	3	4	4	8	10	11	8	6	2	7	6	7	5	6	6	87	
JUNIO	9	8	7	7	7	4	4	9	3	3	1	4	4	10	15	11	8	6	5	5	10	9	9	7	27	
JULIO	5	6	8	6	4	6	4	4	2	1	-	2	2	4	5	7	8	5	5	6	5	7	6	7	20	
AGOSTO	5	6	4	6	3	3	2	3	2	2	2	2	3	4	13	12	6	5	4	5	5	5	7	5	25	
SEPTBRE.	10	10	8	7	8	6	4	4	3	1	2	4	2	7	12	13	7	7	6	8	7	9	10	11	25	
OCTUBRE	8	10	8	9	10	10	8	5	2	3	3	4	5	12	12	11	6	8	7	5	4	5	6	9	30	
NOVRE.	9	12	9	10	5	6	1	1	1	1	2	3	6	5	7	11	12	9	8	7	9	8	8	8	27	
DICIEMBRE	4	5	4	3	3	1	2	1	2	-	-	-	1	2	3	2	3	2	2	2	3	4	4	2	15	
SUMA ANUAL	74	87	83	78	65	60	43	48	28	19	16	24	37	66	91	91	75	61	63	59	69	70	72	70	273	

FRECUENCIAS DE: NUBOSIDAD - BRILLO SOLAR - VIENTOS

ESTACION: Jardín

AÑO: 1-1968

MESES	NUBOSIDAD en DÉCIMOS		BRILLO SOLAR HORAS		Número de días con: VIENTOS																										
	Metros de 30		Metros de 09 90		7 HORAS							14 HORAS							20 HORAS												
	N	E	S	E	S	W	N	W	N	W	C	N	E	S	E	S	W	N	W	C	N	E	S	E	S	W	N	W	C		
ENERO	4	7	2	3	-	5	12	1	1	-	12	2	-	1	4	1	4	8	1	10	2	-	3	18	2	2	-	4			
FEBRERO	-	14	2	-	-	3	2	-	2	1	1	20	-	-	4	-	-	3	10	12	1	1	3	3	1	2	1	2	15		
MARZO	-	22	4	-	-	1	3	-	-	1	-	26	1	1	1	2	-	2	6	6	12	-	2	1	5	2	3	1	-	17	
ABRIL	1	17	6	-	-	1	2	1	2	1	-	23	-	-	1	2	-	4	9	15	-	1	1	7	2	2	1	2	14		
MAYO	-	23	3	2	-	1	4	2	4	-	-	24	2	1	2	-	2	2	5	7	10	-	-	5	8	1	5	1	1	10	
JUNIO	1	22	5	1	-	2	9	-	-	-	-	19	-	1	-	-	1	4	9	15	-	-	1	8	4	3	1	1	12	12	
JULIO	-	17	-	4	-	-	4	2	3	1	-	21	1	1	1	-	3	-	6	11	9	-	-	1	6	11	3	-	-	10	
AGOSTO	1	16	2	2	-	2	1	1	-	-	1	26	4	4	-	1	1	3	2	3	13	-	-	2	2	8	1	3	-	15	
SEPTIEMBRE	-	19	4	-	-	4	3	1	2	1	-	19	1	3	1	1	1	2	6	7	8	-	-	4	3	7	4	3	-	9	
OCTUBRE	-	19	6	-	-	1	2	3	2	4	2	15	-	1	-	-	2	6	7	15	1	1	2	9	10	3	1	1	3	3	
NOVIEMBRE	-	17	2	-	-	-	3	4	5	3	-	15	3	1	1	-	3	-	5	5	12	-	-	2	3	12	3	3	-	7	
DICEMBRE	-	8	1	1	-	-	5	8	7	1	-	10	5	1	-	2	-	2	10	6	5	1	-	1	2	11	7	4	-	5	
SUMA ANUAL	7	201	37	13	-	2	24	49	20	26	11	4	230	19	13	8	19	8	18	65	80	136	5	5	26	74	71	38	19	7	121

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	-	-	12	13	16	14	14	10	10	9	-	-	29	12	6	5	4	5	4	6	4	3	8	29				
FEBRERO	-	-	10	12	15	11	10	9	4	5	-	-	29	11	6	4	3	3	4	4	3	4	8	13	28			
MARZO	-	-	7	12	16	12	7	5	1	-	4	-	30	18	9	6	4	4	6	6	6	6	10	19	30			
ABRIL	-	3	9	10	14	8	5	5	2	4	-	-	28	15	6	8	3	4	6	8	14	13	17	23				
MAYO	-	5	12	13	13	12	9	7	3	3	1	-	25	13	8	6	6	3	6	13	13	13	16	23				
JUNIO	-	3	10	14	12	11	8	3	2	3	-	-	25	14	7	6	4	5	7	9	11	10	12	22				
JULIO	-	10	19	16	19	12	9	6	3	4	-	-	18	9	5	2	-	1	1	4	6	10	14	26				
AGOSTO	-	11	15	17	15	14	9	7	1	3	2	-	22	16	9	4	3	4	5	5	9	8	17	25				
SEPTIEMBRE	-	5	10	13	15	14	8	4	3	1	-	-	25	15	9	7	4	7	5	5	15	18	23	28				
OCTUBRE	-	1	8	15	10	5	5	3	2	2	-	-	31	20	11	9	7	7	7	13	17	19	20	28				
NOVIEMBRE	-	-	14	15	18	14	8	4	2	2	-	-	30	12	6	4	6	3	6	8	9	13	22	30				
DICEMBRE	-	-	15	15	13	15	16	14	7	6	-	-	31	10	7	4	2	-	4	4	5	7	16	31				
SUMA ANUAL	42	141	165	176	142	108	77	40	46	7	-	323	165	89	65	85	46	61	84	118	132	197	323					

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: J. A. F. A. F. A.

Año 1.968

MESES	TOTAL			No. PRECIPITACIONES		CANTIDAD		DURACION				PRECIPITACION MAXIMA				DURACION MAXIMA				
	m. m.	Días	Noche	Día	Noche	Total	Noche	Día	Noche	Total	m. m.	Durac.	Int. Med.	Int. Max. 6/m.	Int. Max. 1/m.	h. mín.	m. m.	Int. Med.	Int. Max. 6 min.	Int. Max. 1 min. (calc.)
Enero	59.6	10	9	11	20	16.5	42.5	9:00'	14:00	23:00'	21.5	5:10'	0.07	3.0	0.6	5:10'	21.5	0.07	3.0	0.6
Febrero	188.1	17	27	28	55	123.9	64.2	24:30'	29:35	54:05'	60.9	1:50'	0.55	10.1	2.0	6:20'	5.9	0.02	0.5	0.1
Marzo	185.7	20	18	34	52	46.4	139.3	15:00'	42:20'	57:40'	38.8	2:40'	0.24	8.0	1.6	5:30'	15.2	0.05	2.5	0.5
Abril	213.4	27	42	43	85	79.7	133.7	29:20'	56:30'	85:50'	20.7	1:05'	0.32	5.0	1.0	4:10'	12.9	0.05	1.0	0.2
Mayo	190.1	29	45	35	80	76.4	113.7	45:00'	47:05'	92:05'	20.9	3:10'	0.11	7.1	1.4	6:00'	18.7	0.05	0.9	0.2
Junio	216.8	27	55	35	90	86.5	130.3	40:10'	62:45'	102:55'	24.6	6:10'	0.07	5.0	1.0	9:30'	13.5	0.02	0.5	0.1
Julio	251.8	18	35	28	63	83.0	168.8	27:45'	34:55'	62:00'	33.9	4:30'	0.12	5.0	1.0	5:50'	13.8	0.04	2.8	0.6
Agosto	142.9	24	41	22	63	66.2	76.7	33:50'	36:50	70:40'	25.0	6:15'	0.07	2.0	0.4	10:20'	24.5	0.04	1.2	0.2
Septiembre	228.7	23	40	35	75	59.5	169.2	38:35'	80:25'	119:00'	47.5	7:15'	0.11	6.0	1.2	10:30'	23.0	0.04	0.8	0.2
Octubre	266.3	28	48	30	78	124.6	141.7	44:45'	67:05'	111:50'	37.2	5:45'	0.11	3.0	0.6	7:45'	21.3	0.04	1.0	0.2
Noviembre	296.2	25	32	28	70	185.1	111.1	50:05'	52:35'	102:40'	31.9	7:20'	0.07	3.5	0.7	7:20'	31.9	0.07	3.5	0.7
Diciembre	70.1	15	12	21	33	32.2	37.9	10:20'	22:30'	32:50'	12.8	3:25'	0.06	3.0	0.6	5:40'	10.4	0.03	1.0	0.2
TOTALES	2229.1	263	404	360	764	980.0	1249.1	3:67:40'	5:46:35'	91:4:15'	375.7	5:41:35'	XX	XX	XX	84:05'	212.6	XX	XX	XX

DATOS DIARIOS

Estación Llanaditas Año 1968 Mes Enero $\phi = 5^{\circ} 13' N$ $\lambda = 75^{\circ} 09' WGR$ Altura 1,470 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa			PRECIPITACION			VIENTOS									
	Med.		Mín.	Máx.	Med.		7	14	20	Med.	7	14	20	7	14	20	Total	Evaporación		7	14	20	Dirección		7	14	20	
	7	14			20	7												14	20				7	14				20	Dirección	Fuerza	Dirección	Fuerza
1	20.0	25.0	18.6	20.6	25.8	17.2	15.0	13.4	10.8	14.4	12.9	16	46	90	71	4.0	6.8	—	—	—	—	—	—	—	—	—	—	—
2	15.0	23.0	17.9	18.4	24.5	13.6	12.0	10.4	11.7	13.7	11.9	82	55	90	76	5.7	6.2	—	—	—	—	—	—	—	—	—	—	—
3	15.4	22.0	17.0	19.4	28.3	14.8	14.0	9.6	8.6	10.9	9.7	74	30	75	60	4.0	8.8	—	—	—	—	—	—	—	—	—	—	—
4	15.6	27.0	18.0	19.6	27.4	14.6	13.8	9.6	10.7	13.8	11.4	73	40	90	68	4.3	6.4	—	—	—	—	—	—	—	—	—	—	—
5	16.0	26.8	18.0	19.7	27.3	14.8	14.0	11.2	10.5	13.1	11.6	82	40	85	69	4.0	4.4	—	—	—	—	—	—	—	—	—	—	—
6	15.0	23.0	18.3	18.6	25.9	14.9	14.0	11.6	12.6	13.7	12.6	91	60	88	80	4.3	4.2	—	—	—	—	—	—	—	—	—	—	—
7	16.0	25.2	20.0	20.3	26.5	15.2	14.3	11.2	12.1	16.4	13.2	82	50	94	75	5.3	6.6	—	—	—	—	—	—	—	—	—	—	—
8	18.0	24.0	17.3	19.2	25.4	17.0	16.0	13.8	12.4	14.0	13.4	90	55	95	80	3.0	4.1	—	—	—	—	—	—	—	—	—	—	—
9	16.0	25.4	18.0	19.4	27.0	14.5	13.5	10.2	11.2	12.4	11.3	75	46	80	67	5.3	6.8	—	—	—	—	—	—	—	—	—	—	—
10	16.0	26.0	18.1	19.6	27.5	14.8	14.1	10.2	10.0	12.5	10.9	75	40	81	65	4.3	7.1	—	—	—	—	—	—	—	—	—	—	—
11	16.3	25.0	19.0	19.8	26.3	15.4	14.1	12.2	13.1	15.5	13.6	88	55	94	79	5.3	3.6	—	—	—	—	—	—	—	—	—	—	—
12	15.3	25.0	18.0	19.1	25.4	14.9	14.0	12.7	11.9	14.7	13.1	97	50	95	81	5.3	3.7	50.8	2.5	—	—	—	—	—	—	—	—	—
13	16.1	22.4	18.0	18.6	23.2	15.6	14.7	13.0	12.3	14.7	13.3	95	61	95	84	6.7	1.0	1.0	7.8	—	—	—	—	—	—	—	—	—
14	15.4	18.6	17.4	17.2	22.3	14.7	14.0	10.9	14.5	14.2	13.2	83	91	95	90	5.0	0.9	—	—	—	—	—	—	—	—	—	—	—
15	15.4	22.0	17.3	18.0	24.0	14.7	13.8	11.8	16.6	14.0	14.1	90	83	95	89	6.3	3.4	—	—	—	—	—	—	—	—	—	—	—
16	16.1	22.0	18.0	18.5	25.0	15.7	14.3	13.1	16.1	14.7	14.6	96	81	95	91	4.0	5.3	20.8	0.1	—	—	—	—	—	—	—	—	—
17	15.4	24.0	18.1	18.9	25.4	15.0	14.1	12.5	13.0	13.5	13.0	95	58	93	82	5.0	6.3	—	—	—	—	—	—	—	—	—	—	—
18	17.0	25.3	18.5	19.8	27.0	15.7	14.7	10.9	14.4	15.1	13.5	75	60	94	76	5.3	7.3	—	—	—	—	—	—	—	—	—	—	—
19	17.0	23.0	18.6	19.3	24.5	16.3	15.1	14.0	14.9	15.5	14.8	96	71	96	88	5.0	3.8	43.0	5.0	—	—	—	—	—	—	—	—	—
20	17.0	25.8	20.0	20.7	26.3	16.3	15.1	13.8	12.5	16.6	14.3	95	50	95	80	5.7	6.6	—	—	—	—	—	—	—	—	—	—	—
21	17.4	23.0	19.2	19.7	24.2	16.8	16.0	14.0	12.6	15.4	14.0	94	60	93	82	6.7	3.3	6.7	—	—	—	—	—	—	—	—	—	—
22	17.2	21.0	17.0	18.0	22.4	16.8	16.0	13.2	11.3	13.8	12.6	90	60	95	82	6.0	0.6	5.9	0.8	—	—	—	—	—	—	—	—	—
23	16.0	21.2	17.6	18.1	22.0	15.4	14.6	13.1	11.7	14.4	13.1	96	62	95	84	6.3	2.8	—	—	—	—	—	—	—	—	—	—	—
24	16.2	23.0	18.0	18.8	23.4	15.3	14.6	13.5	12.6	14.9	13.7	98	60	96	85	6.7	1.3	8.5	2.4	—	—	—	—	—	—	—	—	—
25	15.0	20.0	16.1	16.8	20.4	14.6	14.0	12.3	11.4	13.0	12.2	96	65	95	85	6.0	—	—	—	—	—	—	—	—	—	—	—	—
26	14.3	23.0	16.4	18.5	25.0	14.0	13.3	11.6	13.2	14.2	13.0	96	63	90	83	5.0	6.6	—	—	—	—	—	—	—	—	—	—	—
27	16.0	25.4	19.0	19.9	27.3	15.8	14.6	10.3	9.8	15.5	11.9	76	40	94	70	6.7	7.4	—	—	—	—	—	—	—	—	—	—	—
28	17.0	23.0	19.6	19.8	25.0	16.8	16.0	13.1	13.8	16.0	14.3	90	65	94	83	4.7	4.2	—	—	—	—	—	—	—	—	—	—	—
29	16.0	21.3	18.4	18.5	24.0	15.0	14.4	13.0	12.7	15.1	13.6	95	68	95	86	6.0	2.9	4.9	—	—	—	—	—	—	—	—	—	—
30	16.6	23.4	19.0	19.5	26.2	15.8	15.0	13.6	9.9	15.5	13.0	96	46	94	79	6.7	4.4	—	—	—	—	—	—	—	—	—	—	—
31	16.4	22.0	17.4	18.3	25.0	16.2	15.0	13.1	10.2	14.2	12.5	93	52	95	80	8.0	3.7	3.0	—	—	—	—	—	—	—	—	—	—
Med.	16.2	23.6	18.2	19.0	25.2	15.4	15.0	12.1	12.2	14.4	12.9	88	57	92	79	5.4	4.5	5.3	0.8	0.2	6.3	2.6	—	—	—	—	—	—

Precipitación total 196.0 m.m.

DATOS DIARIOS

Estación Llanadas Mes Febrero Año 1968 $\phi = 50^{\circ} 13' N$ $\lambda = 75^{\circ} 09' WGR$ Altura 1.470 m.

Días	TEMPERATURAS					TENSIÓN DEL VAPOR					Humedad Relativa %					NEBULOSIDAD DECIMOS	Brillo Solar Horas	PRECIPITACION m m			EVAPORACION m m	VIENTOS								
	7	14	20	Med.	Máx. Min.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	7			14	20	Total		DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora			
																												7	14	20
1	16.8	21.6	17.9	18.6	23.3	16.2	15.0	12.9	13.7	15.0	13.9	90	71	98	86	4.0	3.6	0.9	—	20.0	68.4	1.3	00	0	06	1	12	2		
2	16.1	23.9	17.8	18.9	25.3	15.7	14.8	13.0	14.1	14.6	12.9	95	90	95	80	4.7	2.3	48.4	—	6.7	7.6	0.8	14	2	06	1	06	2		
3	17.2	18.8	17.6	17.8	22.0	16.3	15.2	12.2	14.6	14.4	13.7	90	95	89	6.7	0.7	0.9	—	—	—	—	1.1	06	1	06	2	12	2		
4	16.4	18.9	17.0	17.3	21.6	16.1	15.6	13.3	15.7	13.8	14.3	95	91	95	94	6.0	0.8	—	0.2	2.1	2.3	1.4	08	1	06	2	06	2		
5	15.8	24.8	18.6	19.4	25.3	15.0	14.2	12.5	12.0	15.2	13.2	93	51	94	77	6.0	3.7	—	0.2	—	—	0.2	1.0	06	1	06	1	06	2	
6	16.1	23.0	18.8	19.2	25.0	14.8	14.0	11.2	12.9	14.7	12.8	81	60	91	77	6.7	4.4	—	—	—	—	1.8	12	2	00	0	06	2		
7	17.3	24.6	20.0	20.5	25.4	16.6	15.7	14.0	11.7	16.6	14.1	95	50	95	80	6.7	5.9	0.1	—	—	—	—	1.7	06	2	06	2	06	1	
8	17.4	24.9	18.8	20.0	25.4	17.0	16.0	13.6	11.2	14.6	13.1	91	48	90	76	6.3	0.8	—	—	0.1	1.0	—	1.1	06	2	00	0	06	2	
9	17.1	22.9	18.4	19.2	25.9	16.7	16.0	13.5	12.5	15.1	13.7	92	60	95	82	8.0	3.4	0.9	—	0.1	16.6	1.4	16	1	08	2	06	2		
10	17.9	26.0	19.6	20.8	26.3	17.5	17.0	14.6	12.2	14.9	13.9	95	48	88	77	6.7	3.0	16.5	—	—	—	—	1.2	06	2	06	3	06	2	
11	18.0	24.0	19.9	20.4	26.8	17.4	16.7	14.7	14.3	15.6	14.9	95	64	90	83	6.3	4.7	—	—	—	—	12.9	1.9	06	1	06	2	06	1	
12	17.6	28.2	19.6	21.2	29.0	17.4	16.3	13.5	11.5	15.4	13.5	90	40	90	73	6.7	4.8	12.9	—	—	—	28.1	1.0	08	2	06	1	06	1	
13	17.1	25.0	19.9	20.5	26.2	16.6	15.4	12.7	16.3	15.6	14.9	88	68	90	82	6.0	4.7	28.1	—	—	—	59.0	1.7	14	2	06	1	06	2	
14	17.4	25.6	19.6	20.6	27.3	16.8	16.0	12.8	13.3	15.4	13.8	86	53	90	76	7.0	5.9	59.0	—	—	—	0.9	1.9	16	2	02	1	06	2	
15	18.9	27.3	19.9	21.5	27.8	18.6	18.0	15.5	9.7	15.7	13.6	95	36	91	74	6.0	5.6	0.9	0.3	—	—	0.3	1.7	06	2	06	1	14	1	
16	18.0	28.8	20.7	22.0	28.9	17.3	16.4	13.1	12.1	16.4	13.9	85	40	90	72	8.0	7.5	—	—	0.2	0.2	1.5	14	2	06	1	04	2	2	
17	18.0	26.3	21.2	21.7	27.0	17.4	16.5	14.7	14.3	17.1	15.4	95	56	91	81	7.0	2.9	—	—	—	—	—	—	—	—	—	—	—	—	
18	17.4	27.1	21.0	21.6	29.0	17.0	16.1	11.4	10.5	15.1	12.3	76	38	81	55	6.7	8.7	—	—	—	—	0.5	1.7	04	2	02	1	14	2	
19	19.0	25.0	20.0	21.0	26.0	18.2	17.4	15.9	14.2	16.9	15.7	96	41	96	84	8.3	2.0	0.5	—	1.6	24.9	1.2	00	0	06	1	12	1	1	
20	18.6	26.4	19.6	21.0	27.5	18.4	17.0	13.5	13.0	15.8	14.3	92	60	93	79	8.7	3.5	23.3	1.2	2.5	3.7	0.9	1.6	2	00	0	06	2	06	2
21	18.1	26.0	21.0	21.5	27.6	17.4	16.6	13.8	13.6	17.5	15.0	90	54	94	79	8.0	3.0	—	—	—	—	30.1	0.9	08	1	06	2	06	2	
22	18.4	22.0	18.6	19.4	23.3	18.0	17.0	15.3	14.4	14.4	14.7	96	72	90	86	5.3	2.0	30.1	16.7	—	—	16.7	1.4	08	1	00	0	06	2	
23	17.3	23.0	18.8	19.5	24.4	16.1	15.6	12.5	13.2	15.0	13.6	85	63	93	80	9.0	—	—	—	—	—	—	2.1	04	2	00	0	06	2	
24	15.6	25.4	18.1	19.3	26.1	15.0	14.1	8.7	12.7	14.3	11.9	66	52	92	70	6.7	4.4	—	—	—	—	—	3.0	12	2	16	1	06	2	
25	16.2	25.4	19.9	20.0	26.3	16.0	15.0	9.0	12.7	15.6	12.4	65	52	90	69	6.0	6.5	—	—	—	—	—	1.6	14	2	06	1	06	2	
26	18.0	24.4	19.9	20.6	25.3	17.8	17.0	13.8	12.2	15.9	14.0	90	53	92	78	8.0	6.0	—	—	—	—	—	0.6	06	1	16	1	08	1	
27	17.6	24.9	19.8	20.5	25.4	17.3	16.2	12.6	14.0	15.7	14.1	83	60	91	78	8.3	3.7	5.8	0.2	—	10.6	1.1	08	2	00	0	00	0	00	0
28	17.6	24.8	19.6	20.4	25.3	17.0	16.5	14.5	12.6	16.0	14.4	96	53	94	81	7.0	2.8	10.4	—	3.0	19.3	0.6	08	2	16	1	08	1	08	1
29	17.1	25.1	20.1	20.6	25.3	16.8	16.0	13.1	13.1	16.1	14.1	90	55	91	79	6.7	3.7	12.3	—	—	—	—	1.6	08	1	06	1	06	2	
30																														
31																														
Med.	17.4	24.6	19.4	20.2	25.9	16.8	16.0	13.2	12.9	15.5	13.9	89	56	92	79	6.8	3.8	8.6	0.6	1.2	10.8	1.4	—	—	—	—	—	—	—	—

Precipitación total 34.7 m.m.

DATOS DIARIOS

Estación

Llanadana

Mes marzo

Año 1908

$\phi = 5^{\circ} 13' N$ $\lambda = 75^{\circ} 09' WGR$

Altura 1.470 M.

Días	TEMPERATURAS					TENSION DEL VAPOR					Humedad Relativa			Nubosidad		Brillo Solar		PRECIPITACION			EVAPORACION			VIENTOS								
	Med.		Max. Min.		Mínima Suelo		Med.		Med.		Med.		7		14		20		7		14		20		7		14		20			
	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20		
1	17.4	21.9	18.6	19.1	24.3	17.0	14.0	13.9	14.4	14.1	94	71	90	85	7.7	4.0	9.5	—	—	—	3.5	1.3	0.0	0.6	1	0.6	2					
2	16.8	25.0	19.8	20.4	26.0	16.3	13.8	13.8	14.2	12.9	96	46	83	75	6.7	6.1	3.5	—	—	—	—	1.9	0.6	1	0.8	2						
3	17.8	25.4	19.8	20.7	25.6	16.8	12.4	12.3	15.6	13.4	82	50	90	74	7.0	4.9	—	0.5	—	—	8.3	1.6	0.8	2	0.6	1	0.6	1				
4	15.4	24.9	19.8	20.0	26.0	15.2	14.1	11.6	11.8	13.0	89	90	90	76	6.7	5.7	7.8	—	—	—	1.3	1.9	1.2	1	0.0	0	0.6	1				
5	16.0	27.0	20.4	21.0	27.0	15.8	15.0	10.8	12.6	13.1	80	47	90	72	6.7	7.6	1.3	—	—	—	—	2.0	1.2	1	0.6	2	0.6	1				
6	17.1	27.0	20.8	21.4	28.0	16.8	16.0	11.3	10.7	16.4	78	40	90	69	7.0	7.1	—	—	—	—	—	1.8	0.2	2	0.0	0	0.8	2				
7	17.4	26.8	19.8	21.0	27.3	17.0	16.0	11.9	10.5	15.6	12.7	80	40	90	70	6.0	5.7	—	—	—	—	—	1.9	0.8	2	0.6	1	0.6	2			
8	17.0	24.8	18.8	19.8	25.6	16.3	15.4	10.2	13.0	14.6	12.6	70	55	90	72	6.7	6.5	—	—	—	—	—	1.9	1.0	3	0.8	2	0.0	0			
9	17.0	26.2	20.0	20.8	26.6	16.8	16.0	11.6	12.8	15.8	13.4	80	50	90	73	8.0	4.5	—	—	—	—	—	1.9	1.2	2	0.0	0	0.6	2			
10	17.3	26.6	19.4	20.7	26.9	17.0	16.0	11.8	11.9	15.2	13.0	80	45	90	72	6.0	4.3	0.3	—	—	—	63.2	1.2	1.0	1	0.6	2	0.6	1			
11	16.0	26.0	20.0	20.5	26.0	15.3	14.2	12.3	13.4	15.9	13.9	90	53	91	78	6.7	4.4	63.2	1.7	—	—	1.9	2.6	0.8	2	0.6	1	0.6	2			
12	17.7	25.4	21.0	21.3	26.0	16.6	15.4	12.3	12.3	17.5	14.0	80	50	94	75	7.0	4.1	0.2	—	—	—	0.1	15.0	2.3	0.2	2	0.6	2	0.6	2		
13	18.0	26.5	20.0	21.1	27.0	17.6	16.6	12.4	13.1	15.8	13.8	80	50	90	73	9.0	6.3	14.9	0.4	—	—	49.8	1.7	1.2	2	0.6	1	0.6	2			
14	18.0	24.9	21.6	21.5	25.4	16.9	16.0	14.5	14.0	17.6	15.4	93	60	92	82	4.7	5.7	49.4	—	—	—	3.1	1.6	0.6	1	0.6	1	0.6	1			
15	17.4	23.0	19.9	20.0	24.4	17.3	15.8	11.3	12.6	16.4	13.4	75	60	95	77	5.0	1.3	3.1	—	—	—	29.0	40.1	1.9	0.8	1	0.6	1	0.6	1		
16	16.4	21.0	18.4	18.6	24.2	16.0	15.5	13.1	14.0	14.6	13.9	93	75	93	87	5.0	1.9	11.1	0.7	0.8	13.3	2.2	0.6	1	1.4	2	0.8	1	0.6	1		
17	17.6	24.8	19.4	20.2	26.2	16.0	15.0	13.5	13.9	13.7	13.7	90	60	81	77	4.3	1.6	11.8	—	—	—	9.6	0.6	0.0	0	0.6	2	0.6	2			
18	16.2	22.2	18.0	18.6	24.0	16.0	15.4	13.3	12.5	13.8	13.2	96	62	90	83	6.7	5.9	9.6	—	—	—	8.5	0.6	0.0	0	0.6	2	0.6	2			
19	16.5	23.3	18.0	19.0	25.0	16.0	15.4	11.9	13.6	14.0	13.2	85	63	91	80	8.0	5.5	8.5	—	—	—	—	0.8	0.6	2	0.6	2	0.6	2			
20	18.2	23.9	16.6	18.4	26.0	17.0	16.2	13.0	14.2	13.0	13.4	83	64	94	80	6.7	4.7	—	—	—	—	—	0.2	1.3	0.0	0	0.6	2	1.2	1		
21	17.4	25.8	19.3	20.4	27.0	16.5	15.3	13.9	12.5	15.0	13.8	93	50	90	78	4.3	5.7	0.2	—	—	—	—	1.1	0.4	1	0.0	0	0.6	1			
22	18.0	26.0	19.4	20.7	27.5	17.0	16.0	13.8	12.2	14.7	13.6	90	48	88	75	6.7	0.4	—	—	—	—	0.4	0.4	0.9	0.6	2	0.6	1	0.6	1		
23	17.4	24.2	18.5	19.6	24.4	15.6	14.4	11.3	13.5	15.2	13.3	75	60	95	77	4.0	5.3	—	—	—	—	5.6	—	11.7	0.9	1.2	2	0.6	2	0.6	2	
24	16.3	25.0	17.6	19.1	27.0	16.0	15.3	13.5	13.4	14.4	13.8	97	56	95	83	8.0	—	6.1	0.8	—	—	—	1.4	0.9	0.6	1	0.6	1	0.6	2		
25	18.0	26.9	18.0	20.2	27.5	16.0	15.0	13.8	12.0	13.8	13.2	90	45	90	75	6.0	5.9	0.6	—	—	—	—	1.7	0.6	1	0.8	2	0.0	0			
26	18.2	27.6	20.0	21.4	28.0	17.3	16.4	13.6	20.9	15.8	13.4	86	38	90	71	4.7	7.1	—	—	—	—	—	—	1.7	0.6	1	0.6	2	0.6	1		
27	17.1	25.0	18.0	19.7	26.2	17.2	16.1	14.6	13.1	14.0	13.9	95	55	91	80	7.0	2.9	—	—	—	—	—	—	1.1	0.6	2	0.6	2	0.0	0		
28	19.0	28.0	20.0	21.8	28.5	15.4	14.5	9.0	11.6	14.1	11.6	54	41	80	58	6.0	2.6	—	—	—	—	—	—	2.2	1.2	2	0.8	2	1.0	2		
29	18.2	27.3	16.4	19.6	28.5	17.5	15.7	13.0	15.6	13.4	14.0	83	56	96	78	7.0	2.5	—	—	—	—	—	—	6.1	11.1	1.5	1.2	1	0.6	1	0.8	2
30	16.5	26.0	18.0	19.6	27.1	16.0	15.4	13.4	13.9	13.1	13.5	95	55	85	78	6.7	3.4	5.0	—	—	—	—	—	0.9	0.8	1	0.6	2	0.8	2		
31	17.6	26.2	19.3	20.6	27.1	17.1	16.5	13.5	13.3	14.1	13.6	90	52	85	76	6.7	5.7	—	—	—	—	—	—	0.1	0.1	1.7	0.8	2	0.6	2		
Med.	17.3	25.3	19.2	20.2	26.3	16.5	15.5	12.6	12.6	14.9	13.4	85	53	90	76	6.5	4.4	6.6	0.3	1.2	7.8	1.6	—	—	—	—	—	—	—	—	—	

Precipitación total 242.8 mm.

Diat. Centígraf 25

DATOS DIARIOS

Estación Llanadas Mes Junio Año 1968 φ 9° 55' 13" N λ 75° 09' W GR Altura 1.470 m.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR			Humedad Relativa %			Nubosidad DECIMOS	Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS													
	7		14		20		7		14		20				7		14		20		7		14		20		7		14		20			
	Med.	Min.	Max.	Min.	Subo	Med.	7	14	20	Med.	7	14			20	Med.	7	14	20	Total	DIREC CION	FUEZA Km./Hora	DIREC CION	FUEZA Km./Hora	DIREC CION	FUEZA Km./Hora	DIREC CION	FUEZA Km./Hora	DIREC CION	FUEZA Km./Hora				
1	18.1	25.0	17.8	19.7	25.9	17.5	16.0	14.9	15.0	14.4	14.8	96	61	94	84	10.0	1.6	2.9	21.3	5.4	26.7	1.2	06	1	14	3	06	1						
2	16.4	18.0	16.5	16.8	22.0	16.2	15.2	14.1	13.8	13.4	13.8	100	90	95	75	6.7	0.1	—	0.2	2.1	1.2	08	1	00	0	06	2							
3	15.4	22.3	18.4	18.6	26.2	14.7	14.0	11.1	10.3	14.2	11.9	85	90	90	90	4.7	5.5	2.1	1.8	3.7	10.9	1.7	12	1	06	1	00	0						
4	17.0	25.0	17.0	19.0	25.6	16.3	15.0	13.8	11.9	13.8	13.2	92	90	95	60	8.3	2.1	5.4	1.8	—	0.4	1.4	04	2	06	2	06	1						
5	17.0	22.0	17.1	18.3	24.0	16.4	15.7	13.8	11.2	14.0	14.0	95	96	92	82	8.0	3.1	1.6	0.9	32.0	48.2	0.6	06	1	02	2	06	1						
6	16.0	19.4	16.2	17.0	21.0	15.0	14.1	13.0	13.5	12.7	13.1	95	80	93	80	8.0	—	15.3	3.3	—	3.3	0.7	00	0	02	2	06	2						
7	16.0	23.0	17.0	18.2	26.0	14.7	14.0	12.5	11.7	13.0	12.4	92	55	94	80	7.0	2.2	—	—	2.8	2.8	1.9	02	1	00	0	06	2						
8	15.0	25.4	17.6	18.9	27.5	14.6	13.9	12.1	13.5	14.5	13.4	95	55	96	82.1	7.3	6.4	—	—	11.6	13.0	1.9	06	2	06	2	06	2						
9	16.2	27.0	18.6	20.1	27.4	16.0	15.2	13.1	13.0	15.3	13.8	95	48	95	79	5.7	6.6	1.4	—	7.4	18.7	1.5	06	1	00	0	04	2						
10	17.5	27.9	20.0	21.4	28.9	16.7	16.0	14.5	9.8	16.2	13.5	96	35	93	75	8.3	8.2	11.3	8.5	0.3	8.8	1.4	00	0	06	1	06	2						
11	16.4	27.3	20.0	20.9	28.1	16.0	15.2	13.2	12.3	16.4	14.0	94	45	94	78	6.1	4.8	—	0.1	—	11.7	1.4	04	1	06	1	00	0						
12	18.0	23.2	18.1	19.4	23.5	17.0	16.0	13.8	12.8	14.7	13.8	90	60	95	82	10.0	0.7	11.6	5.0	5.4	10.8	1.7	06	1	08	2	04	2						
13	16.0	27.0	20.0	20.8	28.0	15.6	14.5	13.1	10.5	16.6	13.4	96	38	95	76	9.7	6.9	0.4	—	—	—	—	—	—	—	1.8	02	2	08	1				
14	17.4	24.0	19.0	19.8	25.5	16.7	15.2	12.8	13.5	15.2	13.8	86	60	93	80	7.1	5.8	—	—	—	—	—	—	—	—	6.5	1.1	08	2	16	1			
15	17.4	26.6	19.1	20.6	27.2	16.1	15.0	14.6	13.1	15.7	14.5	98	50	95	81	8.3	6.0	1.9	0.2	—	—	—	—	—	—	11.8	1.1	00	0	06	2			
16	16.3	26.3	17.8	19.6	27.1	15.7	15.0	12.4	12.4	14.2	13.0	90	48	93	77	6.7	7.1	11.6	—	—	—	—	—	—	—	1.4	12	1	10	2	08	1		
17	16.1	24.6	19.4	19.9	25.9	14.7	14.0	10.8	12.8	15.8	13.1	80	55	94	76	8.7	3.7	—	—	—	—	—	—	—	—	0.1	5.8	1.9	08	2	12	1	06	2
18	17.2	21.0	15.8	17.4	25.0	16.8	16.0	14.2	15.9	14.9	15.0	97	86	92	92	7.0	2.6	5.7	14.2	0.1	15.0	1.4	00	0	06	2	06	2						
19	16.0	25.9	16.8	18.9	26.6	14.2	13.6	11.4	11.7	13.8	13.0	84	55	96	78	7.0	5.1	0.7	—	—	19.4	20.1	1.8	14	2	12	2	00	0					
20	16.0	25.4	20.0	20.4	26.4	14.9	14.0	12.7	12.9	16.6	14.1	93	53	92	80	8.0	7.3	0.7	—	—	—	—	—	—	—	—	0.1	1.8	06	1	06	2		
21	17.0	24.2	19.6	20.1	26.6	16.8	15.4	13.7	12.0	15.7	13.8	94	53	92	80	7.7	4.9	0.1	—	—	—	—	—	—	—	—	14.8	15.4	1.8	06	1	06	2	
22	15.0	23.9	17.8	18.6	24.7	13.8	13.0	12.1	14.2	13.7	13.3	95	64	90	83	9.7	1.8	0.6	—	—	—	—	—	—	—	—	1.2	13.4	1.2	00	0	06	1	
23	14.8	20.3	16.8	17.2	24.7	14.0	13.1	11.7	12.7	13.6	12.7	93	72	95	87	8.7	2.9	0.2	0.5	0.1	0.8	1.0	08	1	00	0	06	2						
24	16.0	27.0	16.8	20.2	28.0	13.6	12.8	12.3	12.2	12.3	12.3	90	45	75	70	6.0	7.7	0.2	—	—	—	—	—	—	—	—	1.8	08	1	06	2	16	1	
25	16.9	25.9	18.6	20.0	27.0	15.1	14.2	13.5	12.0	14.8	13.4	94	48	93	78	9.0	2.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	15.9	23.4	17.6	18.6	26.0	14.7	14.0	12.1	10.8	14.2	12.4	90	50	94	78	7.0	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	16.0	26.0	19.9	20.4	27.1	15.1	14.3	11.6	10.0	14.2	11.9	85	40	83	69	7.7	6.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	16.0	26.6	20.0	20.6	28.1	15.2	14.1	12.7	13.0	14.9	13.5	93	50	85	76	7.0	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	17.2	25.0	19.8	20.4	26.0	16.3	15.4	14.1	14.1	15.7	13.9	96	50	91	79	8.0	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	17.1	24.8	19.6	20.3	26.3	16.8	16.0	14.0	13.0	14.9	14.0	96	55	88	80	6.7	4.3	1.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Med.	16.4	24.4	18.4	19.4	26.0	15.6	14.7	13.0	12.6	14.6	13.4	93	55	92	80	7.7	4.4	2.9	2.1	3.5	8.7	1.6	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total 261.2 m.m.

D A T O S D I A R I O S

Estación San Pedro de Macoris Mes Julio Año 1908 $\phi = 50.13' N$ $\lambda = 75.09' WGR$ Altura 1,470 M.

Días	T E M P E R A T U R A S						T E N S I O N D E L V A P O R						H u m e d a d R e l a t i v a			B r i l l o S o l a r			P R E C I P I T A C I O N			V I E N T O S								
	Med.		Mín.		Máx.		Mín.		Med.		Máx.		7		14		20		7		14		20		7		14		20	
	7	14	20	7	14	20	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA		
1	17.0	24.4	18.2	19.4	25.4	16.7	15.5	13.8	10.4	14.5	12.9	95	46	94	78	6.7	3.5	10.5	21.9	—	22.2	0.7	06	2	12	1	06	1		
2	17.0	26.0	19.0	20.2	26.4	16.4	15.2	14.2	12.9	14.9	14.0	98	51	91	80	6.7	5.9	10.5	0.3	—	14.9	1.4	00	0	00	0	00	0		
3	16.8	28.8	19.0	20.9	29.3	16.0	15.0	12.9	12.1	14.8	13.3	90	40	90	73	5.0	6.8	14.9	—	—	4.6	1.2	04	2	06	2	06	1		
4	16.2	28.0	19.5	20.8	28.3	16.0	15.1	13.1	17.0	15.9	15.3	95	60	94	83	7.0	7.3	4.6	—	—	8.4	2.0	04	2	06	2	06	1		
5	17.0	23.8	20.0	20.2	26.5	16.3	15.4	13.4	14.6	16.4	14.8	92	65	94	84	8.0	5.0	8.4	—	—	—	2.0	10	2	06	2	14	2		
6	18.0	25.5	19.8	20.8	28.2	15.9	15.0	13.0	14.7	14.7	14.1	84	6	85	77	8.0	5.5	—	—	—	—	1.9	04	1	14	2	06	3		
7	18.0	28.4	19.1	21.2	29.0	17.3	16.4	10.8	10.2	13.2	11.4	70	35	80	62	4.7	7.8	—	—	—	0.1	2.6	14	2	08	1	06	2		
F	16.4	27.1	19.0	20.4	28.0	15.3	14.3	11.8	8.1	14.8	11.6	85	30	90	68	3.0	8.1	0.1	—	—	0.4	1.6	10	2	04	2	06	1		
9	17.0	27.0	19.6	20.8	28.3	15.9	15.0	10.6	8.9	14.6	11.4	72	33	86	64	6.0	4.2	0.4	—	—	—	2.6	02	2	06	2	06	1		
10	17.3	25.0	16.4	18.8	26.0	15.1	14.1	11.1	11.4	11.1	11.2	75	48	80	68	10.0	0.6	—	—	—	—	1.9	06	2	08	2	14	2		
11	15.5	23.7	17.0	18.3	25.8	13.0	12.1	10.5	8.9	12.2	10.5	80	40	84	68	9.0	1.4	—	—	—	—	2.1	04	1	08	1	14	3		
12	14.6	26.0	18.4	19.4	27.0	13.8	13.0	10.5	10.3	13.2	11.3	85	41	83	70	6.0	7.4	—	—	—	—	2.0	16	2	06	1	08	2		
13	16.0	25.0	19.3	19.9	26.2	14.7	13.5	11.7	11.4	14.2	12.4	86	48	86	73	6.0	5.9	—	—	—	—	—	—	—	—	—	—	—	—	
14	16.0	25.8	18.1	19.5	26.4	15.6	14.4	13.0	10.9	13.8	12.6	95	44	90	76	6.7	4.2	—	—	—	—	—	—	—	—	—	—	—	—	
15	16.3	28.0	19.6	20.9	28.4	15.4	14.3	12.7	12.8	14.9	13.5	96	45	88	76	5.7	6.4	—	—	—	—	1.3	24.3	1.5	06	1	06	1		
16	18.0	27.0	19.9	21.2	28.5	17.3	16.4	14.7	12.2	15.6	14.2	95	45	90	77	8.0	4.0	23.0	—	—	—	—	—	—	—	—	—	—		
17	17.0	23.8	18.0	19.2	25.5	15.6	14.4	13.1	9.9	14.7	12.6	90	45	95	77	7.0	4.4	0.9	—	—	—	—	—	—	—	—	—	—		
18	16.3	27.8	19.9	21.1	28.5	15.1	14.4	13.1	14.1	15.6	14.3	94	50	78	4.7	6.5	0.3	—	—	—	—	—	—	—	—	—	—	—		
19	17.4	26.8	20.1	21.0	27.9	16.6	16.0	14.0	14.8	16.8	15.2	94	56	95	82	6.3	4.0	0.3	—	—	—	—	—	—	—	—	—	—		
20	17.6	23.1	19.0	19.7	25.0	15.9	15.0	13.5	10.8	15.5	13.3	90	50	94	78	6.0	5.0	9.1	—	—	—	—	—	—	—	—	—	—		
21	17.6	26.4	18.8	20.4	27.4	16.4	15.3	14.5	14.5	15.3	14.8	96	56	93	82	6.7	5.3	0.1	—	—	—	—	—	—	—	—	—	—		
22	17.9	24.0	18.8	19.9	25.6	17.7	17.0	14.7	10.2	15.4	13.4	96	46	94	79	8.0	3.7	—	—	—	—	—	—	—	—	—	—	—		
23	17.8	27.6	19.8	21.2	28.0	16.4	15.0	15.0	12.5	15.6	14.4	98	45	94	78	5.0	7.4	3.6	4.5	—	—	—	—	—	—	—	—	—		
24	17.9	27.0	20.4	21.4	27.4	17.7	17.0	14.4	13.4	16.0	14.6	94	50	78	6.0	4.1	—	—	—	—	—	—	—	—	—	—	—	—		
25	16.7	26.0	20.0	20.7	28.0	15.4	14.3	12.3	11.2	15.0	12.8	86	44	86	72	4.0	6.3	—	—	—	—	—	—	—	—	—	—	—		
26	16.0	27.0	18.4	20.0	28.4	15.0	14.2	13.0	15.0	14.2	14.1	95	56	90	80	5.0	6.7	—	—	—	—	—	—	—	—	—	—	—		
27	16.0	25.6	19.0	19.9	27.6	15.0	14.1	10.8	13.6	13.2	12.5	80	55	80	72	6.7	3.1	—	—	—	—	—	—	—	—	—	—	—		
28	18.3	28.0	17.6	20.4	28.2	16.8	16.0	12.6	12.7	13.2	12.8	81	44	88	71	6.0	4.5	—	—	—	—	—	—	—	—	—	—	—		
29	16.0	26.0	17.9	19.4	27.0	15.4	14.8	13.1	12.4	13.2	12.8	96	48	86	77	6.7	6.5	—	—	—	—	—	—	—	—	—	—	—		
30	17.2	25.6	19.0	20.2	26.0	15.8	14.6	11.8	12.9	14.9	13.2	80	42	91	74	9.7	0.9	—	—	—	—	—	—	—	—	—	—	—		
31	17.0	25.3	18.8	20.0	27.0	15.6	14.0	12.0	11.6	15.5	13.0	88	48	95	75	5.0	6.1	—	—	—	—	—	—	—	—	—	—	—		
Med.	16.9	26.1	18.9	20.2	27.3	15.8	14.9	12.8	12.1	14.6	13.2	88	48	89	75	6.4	5.1	2.5	1.1	0.1	3.3	1.8	—	—	—	—	—	—		

Precipitación total 103.2 mm.

DATOS DIARIOS

Estación

Llanadear

Mes Septiembre AÑO 1928

$\phi = 55.33' N$ $\lambda = 75.09' WGR$

Altura 1,470 M.

Días	TEMPERATURA °C						TENSIÓN DEL VAPOR mm m				Humedad Relativa %				Brillo Solar HORAS		PRECIPITACION mm			EVAPORACION mm			VIENTOS													
	7	14	20	Med.	Max.	Min.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	7	14	20	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	7	14	20					
																																7	14	20	Med.	
1	19.4	26.0	19.0	20.8	26.2	17.6	13.2	13.9	13.6	13.6	78	55	82	72	5.3	3.7	1.2	—	2.6	8.7	1.5	0.8	1	0.6	2	0.6	2									
2	17.7	23.0	18.2	19.4	25.2	17.0	14.5	12.6	14.3	13.8	95	60	92	82	5.7	6.1	6.1	32.2	—	47.8	1.4	0.8	2	0.0	0	0.6	2									
3	16.2	25.8	19.2	20.1	27.0	16.2	12.7	14.9	15.4	14.3	92	60	93	82	10.0	—	—	—	—	21.4	—	—	0.8	1	0.8	1	—	—								
4	15.4	26.8	19.0	20.0	27.5	15.0	11.6	9.2	13.6	11.5	80	55	93	69	5.0	5.6	21.4	—	—	9.5	1.5	0.0	0.0	0.0	0.6	2	—	—								
5	15.0	26.2	19.0	19.8	27.0	15.0	11.5	12.8	14.6	13.0	90	50	89	76	4.7	5.8	9.5	—	—	—	—	—	1.3	1.6	2	0.0	0.6	2								
6	17.0	28.0	19.0	20.8	29.0	16.0	10.7	8.6	12.9	10.7	73	30	78	60	3.0	8.7	—	—	—	—	—	—	1.6	1.6	2	0.0	0.8	1								
7	17.0	28.0	19.0	20.8	28.4	16.8	12.9	10.5	14.3	12.6	89	36	87	71	6.0	8.2	0.7	—	—	—	—	—	1.5	1.9	0.6	2	0.0	1.4	2							
8	17.0	25.0	18.6	19.8	26.2	16.0	13.2	12.5	14.3	13.3	91	32	89	77	5.3	4.5	17.5	—	—	—	—	—	0.3	60.2	1.4	0.8	1	1.6	1	0.6	2					
9	15.7	26.0	20.0	20.4	27.0	15.6	12.4	14.7	15.9	14.3	93	58	91	81	5.0	6.6	59.9	0.3	—	—	—	—	0.3	1.7	0.6	1	1.6	2	0.0	0						
10	18.0	26.0	20.0	21.0	29.0	17.6	15.0	13.2	15.3	14.5	97	52	88	79	6.7	5.6	—	—	—	—	—	—	—	—	9.5	1.0	0.8	2	0.6	2	0.0	0				
11	17.2	26.0	19.0	20.3	28.2	17.0	14.0	13.6	15.2	14.3	95	54	93	81	5.0	5.7	9.5	5.5	0.8	13.1	2.1	0.6	2	1.6	1	0.8	2	0.0	0	0	0					
12	17.0	27.0	20.0	21.0	28.0	17.0	13.4	10.7	16.2	13.4	92	40	93	75	6.0	3.4	6.8	—	—	—	—	—	—	—	2.3	1.7	0.6	1	0.8	2	0.0	0				
13	17.0	27.0	19.8	20.9	28.0	17.0	13.0	14.5	15.9	14.5	95	54	92	80	5.7	5.5	2.3	—	—	—	—	—	—	—	—	1.5	0.6	2	1.6	1	1.6	2				
14	18.0	26.0	20.0	21.0	27.5	17.5	14.7	12.7	14.9	14.1	95	50	85	77	6.0	3.9	—	—	—	—	—	—	—	—	—	11.4	0.9	37.8	1.6	0.6	2	1.6	2			
15	17.0	25.0	18.5	19.8	27.5	16.0	12.0	10.6	13.1	11.9	82	45	82	70	4.3	5.0	25.5	18.0	—	—	—	—	—	—	—	43.5	1.7	0.8	1	1.6	2	0.6	2			
16	17.0	29.0	17.0	20.0	29.0	16.2	11.3	9.7	13.7	11.6	77	32	94	68	5.0	6.1	25.5	—	—	—	—	—	—	—	—	6.1	14.4	1.7	1.6	2	0.6	2	0.0	0		
17	18.2	27.0	19.0	20.3	28.2	15.5	12.6	13.6	14.6	13.6	80	51	89	73	4.0	6.2	10.3	—	—	—	—	—	—	—	—	0.6	1.6	0.6	2	0.8	2	1.6	1			
18	17.0	27.2	21.0	21.6	27.6	15.1	14.2	13.5	16.0	14.6	97	50	87	78	3.3	6.8	0.9	—	—	—	—	—	—	—	—	0.9	1.5	0.6	2	1.4	1	0.8	2			
19	16.2	27.0	19.0	20.3	28.0	15.8	12.2	13.4	14.6	13.4	88	50	89	76	8.0	1.8	—	—	—	—	—	—	—	—	—	—	1.8	0.8	2	0.0	0.16	2	2			
20	17.2	27.0	20.0	21.0	28.0	16.2	12.7	13.4	16.1	14.2	87	50	92	76	5.0	—	—	—	—	—	—	—	—	—	—	—	7.0	1.7	0.6	2	0.0	0.8	1			
21	17.0	25.8	19.2	20.3	27.2	16.5	13.5	14.1	15.0	14.2	93	57	90	80	5.0	6.2	7.0	0.2	0.2	1.8	—	—	—	—	—	—	1.4	1.4	0.6	2	1.6	1	1.6	2		
22	17.0	25.8	19.2	20.3	27.2	16.5	12.7	12.9	14.6	13.4	92	53	94	80	5.0	4.5	1.4	—	—	—	—	—	—	—	—	—	1.5	0.6	2	0.0	0.16	1	1			
23	16.2	25.3	18.0	19.4	27.0	15.2	12.5	8.1	14.4	11.7	85	28	83	65	7.0	7.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
24	17.2	28.0	20.0	21.3	29.0	13.5	12.5	8.1	14.4	11.7	85	28	83	65	7.0	7.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
25	16.2	27.8	20.0	21.0	28.0	16.0	12.3	14.1	13.1	13.2	89	50	75	71	10.0	—	—	—	—	—	—	—	—	—	—	—	—	0.1	2.6	0.8	2	0.0	0.6	2		
26	17.2	27.0	20.0	21.0	27.6	17.0	12.9	13.0	14.4	13.4	88	48	83	73	4.7	6.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
27	16.0	23.0	19.2	20.4	26.0	16.5	14.1	14.2	14.0	14.1	92	60	84	79	9.7	1.9	—	—	—	—	—	—	—	—	—	—	—	6.1	2.1	0.6	2	0.6	2	0.6	2	
28	17.2	25.0	19.8	20.0	25.2	16.0	14.0	15.2	16.0	15.1	95	72	93	87	6.0	4.0	—	—	—	—	—	—	—	—	—	—	—	2.5	0.2	2.7	1.1	0.8	2	0.0	0.6	1
29	16.5	25.0	20.0	20.4	25.8	16.5	13.6	14.2	16.6	14.8	97	60	95	84	9.0	1.0	31.5	—	—	—	—	—	—	—	—	—	—	0.2	—	—	—	—	—	—	—	
30	18.0	24.6	19.0	20.2	27.0	17.0	13.4	13.9	14.3	13.9	87	60	87	78	6.7	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	17.0	26.1	19.3	20.4	27.4	16.2	13.0	12.7	14.7	13.5	90	50	88	76	5.9	5.0	9.4	1.8	0.3	11.4	1.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total 342.7 mm.

DATOS DIARIOS

Estación Llanadana Mes Octubre Año 1908 $\phi = 5^{\circ} 13' N$ $\lambda = 75^{\circ} 09' WGR$ Altura 1.470 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa %			NEBULOSIDAD DECIMOS		Brillo Solar Horas		PRECIPITACION mm			EVAPORACION mm						VIENTOS					
	Med.		Máx.		Mín.		Med.		Máx.		Mín.		7	14	20	Med.	7	14	20	7	14	20	Total	DIREC. FUERZA		DIREC. FUERZA		DIREC. FUERZA		DIREC. FUERZA				
	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	Total	DIREC. FUERZA	Km./Hora	DIREC. FUERZA	Km./Hora	DIREC. FUERZA	Km./Hora	DIREC. FUERZA	Km./Hora			
1	19.4	24.0	19.0	20.4	27.0	17.0	14.6	19.9	15.3	16.5	87	89	92	89	92	89	10.0	—	—	—	3.0	4.2	1.3	0.6	2	16	2	02	2					
2	17.0	25.0	19.0	20.0	26.5	16.0	13.4	13.7	14.9	14.0	92	91	82	91	82	80	5.0	5.4	1.2	—	—	—	—	1.3	0.0	0	08	2	16	2				
3	17.0	26.0	19.4	20.4	28.0	16.8	13.4	10.6	14.0	12.7	92	42	81	72	82	82	7.0	0.3	—	—	—	—	—	2.3	0.6	2	02	1	06	2				
4	17.0	26.0	19.0	20.2	26.2	16.0	13.2	14.3	14.3	13.9	91	57	87	78	6.0	4.2	—	—	—	—	—	—	—	2.1	0.0	0	02	1	00	0				
5	17.0	26.0	19.0	20.2	26.0	14.8	13.9	12.2	14.3	13.5	95	52	87	78	6.3	4.7	11.9	—	—	—	—	—	—	1.8	0.8	1	06	2	08	1				
6	16.0	23.0	17.0	18.2	26.0	15.8	11.2	14.0	12.5	12.6	82	66	86	78	7.3	2.8	—	—	—	—	—	—	—	1.4	0.2	1	1.8	0.6	2	08	1			
7	17.0	25.0	19.0	20.0	27.0	16.0	12.6	13.4	15.3	13.7	87	56	92	78	6.7	4.2	0.1	—	—	—	—	—	—	51.5	1.3	0.0	0	08	1	08	2			
8	16.0	24.0	19.0	19.5	25.8	15.7	12.4	15.0	15.1	14.2	91	67	92	83	6.3	3.4	51.5	—	—	—	—	—	—	2.2	1.8	0.0	1	00	0	16	1			
9	16.2	21.0	18.6	18.6	21.8	15.6	12.7	14.2	15.6	14.2	92	76	97	88	9.7	0.2	2.2	—	—	—	—	—	—	0.9	4.4	1.0	0.0	0.6	1	16	2			
10	17.2	27.0	16.6	19.4	27.8	16.4	14.1	13.4	13.5	13.7	96	50	95	80	6.0	5.4	3.5	1.0	2.5	3.5	—	—	—	2.0	0.8	1	16	2	00	0				
11	17.0	22.0	18.0	18.8	23.5	15.4	13.1	15.8	14.7	14.5	90	80	95	88	7.7	2.8	—	—	—	—	—	—	—	0.6	2.2	2.9	0.8	1	16	3	06	2		
12	18.0	21.5	18.0	18.9	26.0	16.0	12.5	14.7	14.0	13.7	81	76	92	83	7.0	3.9	46.5	—	—	—	—	—	—	53.1	1.5	0.8	2	06	1	08	2			
13	16.4	23.0	17.4	18.6	23.0	16.0	13.5	13.1	14.0	13.5	97	62	94	84	7.0	2.2	53.1	—	—	—	—	—	—	—	1.3	0.8	2	08	1	04	2			
14	16.5	25.0	18.6	19.7	26.0	16.0	12.4	14.2	12.4	13.0	88	60	77	75	8.7	0.5	—	—	—	—	—	—	—	0.4	9.1	1.9	0.6	1	12	3	08	1		
15	16.4	22.0	17.0	18.1	24.0	14.0	13.3	14.0	13.8	13.7	95	71	95	87	6.7	3.4	8.7	1.5	—	—	—	—	—	1.5	0.8	0.6	1	08	2	00	0			
16	21.0	25.0	19.8	21.4	25.8	14.0	11.65	13.7	15.7	15.3	89	57	87	78	8.7	1.7	—	—	—	—	—	—	—	19.3	37.2	1.7	0.6	2	00	0	00	0		
17	17.8	22.0	16.2	18.0	25.0	13.0	13.9	12.3	12.0	12.7	92	62	87	80	8.7	1.2	17.9	9.6	—	—	—	—	—	9.6	1.1	0.8	2	00	0	08	2			
18	17.2	24.4	17.4	19.1	26.0	12.2	11.4	14.6	13.0	13.0	77	67	88	77	9.0	0.8	—	—	—	—	—	—	—	0.1	0.6	1.8	0.0	0.6	2	14	2			
19	20.0	24.8	19.4	20.9	25.5	14.2	15.9	13.5	15.5	15.0	91	57	92	80	6.7	1.2	0.5	0.2	—	—	—	—	—	49.1	1.1	0.6	2	16	2	06	2			
20	16.8	23.0	18.8	19.4	23.0	16.2	13.6	14.2	14.0	13.9	95	67	81	84	10.0	0.1	48.9	6.2	0.5	6.7	—	—	—	6.7	1.3	0.6	2	16	2	06	2			
21	16.5	25.8	21.0	21.1	26.0	16.0	10.9	14.7	17.3	14.3	77	59	93	76	7.0	2.6	—	—	—	—	—	—	—	13.2	0.9	0.0	0.8	2	00	0	0			
22	17.0	25.6	19.0	20.2	26.6	17.0	13.2	11.4	14.8	13.1	91	46	90	76	10.0	0.3	13.2	2.0	—	—	—	—	—	2.0	1.2	0.6	1	08	3	16	2			
23	17.0	28.0	22.0	22.2	28.4	17.0	13.1	14.9	18.2	15.4	90	52	92	78	4.3	7.1	—	—	—	—	—	—	—	—	2.2	0.0	0	16	2	06	2			
24	16.0	29.8	21.0	22.4	30.0	18.0	14.0	12.5	16.7	14.4	91	40	90	74	4.7	6.7	—	—	—	—	—	—	—	—	1.2	0.6	1	06	2	16	3			
25	17.8	28.0	20.0	21.4	29.0	17.8	14.8	16.5	16.6	16.0	97	58	95	83	6.0	5.6	0.1	2.0	—	—	—	—	—	10.0	1.5	0.3	1	16	2	06	2			
26	17.2	24.0	19.0	19.8	25.0	17.0	14.8	14.9	15.1	14.9	100	66	92	86	8.7	1.5	8.0	0.1	0.1	3.5	—	—	—	1.4	0.0	0	16	2	08	2				
27	17.0	24.0	18.0	19.2	26.0	16.5	13.2	12.0	14.6	13.3	91	53	94	79	7.3	3.3	3.3	2.9	—	—	—	—	—	2.9	1.7	0.6	2	00	0	06	2			
28	17.0	25.0	17.0	19.0	26.0	17.0	13.4	10.0	12.0	11.8	92	42	82	72	6.0	—	—	—	—	—	—	—	—	—	5.2	17.4	1.8	1.0	1	06	1	06	1	
29	16.0	23.0	18.0	18.8	25.0	16.0	12.4	10.2	12.5	11.7	91	48	81	73	5.0	4.2	12.2	—	—	—	—	—	—	—	1.8	1.8	1.0	1	06	1	06	1		
30	17.0	24.0	18.0	19.2	25.5	16.0	12.7	9.6	12.2	11.5	88	43	78	70	9.0	1.1	—	—	—	—	—	—	—	—	30.0	1.0	0.6	1	06	2	08	1		
31	16.6	26.0	16.5	18.9	28.0	16.0	11.3	8.5	9.9	9.9	79	33	70	61	5.7	6.6	30.0	—	—	—	—	—	—	—	2.0	0.0	0	06	2	06	2			
Med.	17.2	24.6	18.6	19.7	26.0	15.8	13.3	13.4	14.3	13.7	90	58	89	79	7.3	3.0	10.1	0.9	1.1	12.1	1.5	—	—	—	1.5	—	—	—	—	—	—	—		

Precipitación total 374.7 m.m.

DATOS DIARIOS

Estación Llanedea Mes Noviembre Año 19 68 $\phi = 5^{\circ} 13' N$ $\lambda = 75^{\circ} 09' W$ OR Altura 3,470 M.

Días	TEMPERATURAS °C					TENSION DEL VAPOR mm.			Humedad Relativa %			Brillo Solar Horas		PRECIPITACION mm			EVAORACION mm			VIENTOS						
	7	14	20	Med.	Max.	Min.	Mínima Suelo	7	14	20	Med.	7	14	20	Total	7	14	20	DIREC. FUERZA CION Km./Hora	7	14	20	DIREC. FUERZA CION Km./Hora			
1	15.0	26.8	20.0	20.4	29.0	15.0		8.6	10.5	15.9	11.7	68	40	21	66	3.0	7.6									
2	18.5	27.0	21.0	21.9	28.0	17.0		10.0	14.7	11.4	12.0	63	55	60	6.0	6.4										
3	19.0	25.0	21.0	21.5	29.0	17.0		14.3	11.1	15.4	13.6	87	47	83	72	4.0	5.0									
4	18.0	26.0	19.9	21.4	26.0	17.8		12.7	10.0	12.4	11.7	82	35	72	63	5.3	7.2									
5	20.0	26.0	21.0	22.0	27.5	17.0		13.5	12.4	15.4	13.8	77	49	83	70	4.7	1.3									
6	17.8	27.0	21.0	21.7	29.0	17.0		11.5	12.5	16.0	13.3	75	46	87	69	6.0	5.5									
7	19.0	29.8	20.0	22.2	30.0	17.0		13.6	9.4	15.9	13.0	82	30	91	68	7.0	6.8									
8	18.0	24.0	20.0	20.5	25.0	17.0		14.0	15.0	16.0	13.1	91	67	92	83	4.7	1.1									
9	17.5	25.8	18.0	19.8	26.0	16.6		11.7	13.7	14.0	13.1	78	55	91	75	6.7	2.8									
10	18.0	25.0	18.0	19.8	26.0	16.6		14.0	12.6	14.0	13.5	91	53	91	78	6.7	3.8									
11	17.0	26.6	20.0	20.4	26.0	15.4		12.6	13.9	16.1	14.2	87	60	92	80	5.3	4.0									
12	16.6	25.0	19.0	19.9	26.0	16.5		13.3	14.9	15.7	14.6	94	61	95	83	6.7	2.6									
13	16.6	24.0	19.0	19.6	25.0	16.5		13.5	11.8	15.1	13.5	95	52	92	80	6.0	1.3									
14	17.0	23.0	19.2	19.6	24.5	17.0		13.8	11.3	15.3	13.5	95	53	92	80	9.3	0.4									
15	16.4	23.0	18.0	18.8	24.0	16.0		12.2	11.9	14.1	12.7	87	57	92	79	10.0	-									
16	17.0	23.0	17.0	18.5	24.0	16.0		12.5	12.6	13.4	12.8	86	60	92	79	8.0	0.9									
17	16.0	24.0	18.0	19.0	27.0	15.5		12.4	15.7	14.0	14.0	91	70	91	84	6.7	5.2									
18	18.0	23.5	19.2	20.0	26.0	16.0		13.4	13.0	15.3	13.9	87	60	92	80	8.0	2.9									
19	20.4	20.0	17.8	19.0	26.0	16.5		15.3	15.9	13.9	15.0	85	91	92	69	5.0	5.6									
20	17.2	26.6	18.0	20.0	28.0	17.0		16.4	13.0	13.1	14.2	93	50	85	76	6.7	0.8									
21	17.2	24.0	17.6	19.2	26.0	16.5		12.4	15.7	13.8	14.0	82	70	92	81	5.0	3.4									
22	17.0	24.0	19.0	19.8	24.5	16.6		13.8	14.6	15.5	14.6	95	65	94	89	4.7	2.7									
23	17.2	25.0	19.0	20.0	25.8	16.0		13.9	15.0	15.2	14.7	94	63	93	83	5.0	3.1									
24	18.0	25.0	18.0	19.8	26.5	17.0		14.1	13.1	14.0	13.7	92	55	91	79	6.3	1.5									
25	16.2	23.0	16.6	18.1	24.0	16.0		13.1	13.2	13.3	13.2	95	64	94	84	6.7	0.2									
26	17.5	20.0	18.0	18.4	21.5	17.2		13.7	14.4	14.1	14.1	91	82	92	89	6.7	0.1									
27	18.0	25.0	18.6	20.0	27.0	17.2		14.0	12.6	14.0	13.5	91	53	87	77	6.3	5.4									
28	19.0	24.0	18.0	19.8	26.0	16.9		15.7	14.3	14.5	14.8	95	64	93	84	6.7	4.7									
29	17.5	24.2	18.0	19.4	26.5	17.0		13.7	13.8	14.0	13.8	92	61	91	81	8.0	5.8									
30	17.1	23.5	19.0	19.6	25.0	16.0		12.1	13.0	15.2	13.4	82	60	93	78	6.7	2.1									
31																										
Med.	17.6	24.6	18.9	20.0	26.2	16.5		13.2	13.2	14.5	13.6	87	58	89	78	6.3	3.3									

Precipitación total 503.0 mm.

RESUMEN MENSUAL Y ANUAL

ESTACION: Llanadés

AÑO: 1948

MES	PRESION ATMOSFERICA SOBRE 800 MM. HG.			TEMPERATURA OC			TEMPERATURAS EXTREMAS OC						HUMEDAD RELATIVA %			TENSION DEL VAPOR MM. HG.			PRECIPITACION									
	MAXIMA	MINIMA	DIA	MAXIMA	MEDIA	MINIMA	MAXIMA	MEDIA	MINIMA	DIA	MAXIMA	MEDIA	MINIMA	ABSOLUTA	ABSOLUTA	ABSOLUTA	ABSOLUTA	MEDIA	EN DECIMOS	BRILLO SOLAR HORAS	EVAPORACION MM.	PRECIPITACION						
																						7	14	20	SUMA	7	14	20
ENERO				25.2	15.4	28.3	3	13.6	14.4	88	57	92	79	30	16.6	8.6	18.2	25.4	4.5	2.6	165.6	23.5	6.0	194.0	18	50.8	11	
FEBRERO				25.9	16.8	29.0	V	14.8	6	14.0	89	56	92	79	36	17.5	8.7	13.9	6.8	3.8	1.4	251.0	18.8	36.3	314.7	22	68.4	1
MARZO				26.3	16.5	28.5	V	15.1	4	15.5	85	53	90	76	38	17.6	9.0	13.4	6.5	4.4	1.6	206.1	9.7	36.5	242.8	19	63.2	10
ABRIL				25.9	16.1	29.1	28	16.1	V	15.1	92	57	93	81	38	17.2	10.8	13.6	7.7	3.8	1.2	274.2	24.6	88.7	387.5	21	64.2	13
MAYO				27.0	16.3	29.5	V	14.7	12	15.4	92	53	92	79	38	17.7	10.2	13.9	7.1	4.5	1.6	166.9	21.7	34.4	226.1	22	31.5	9
JUNO				26.0	15.6	28.9	10	13.6	24	14.7	93	55	92	80	35	16.6	9.8	13.4	7.7	4.4	1.6	86.8	62.2	104.6	261.2	23	48.2	5
JULIO				27.3	15.8	29.3	3	13.0	11	14.9	88	49	89	75	30	17.0	8.9	13.2	6.4	5.1	1.8	76.5	33.8	3.3	103.1	15	24.3	15
AGOSTO				27.2	15.7	30.0	19	14.4	4	14.6	90	47	84	74	25	15.6	7.4	12.8	6.1	5.1	2.0	90.5	6.4	35.2	133.3	16	26.2	26
SEPTIEMBRE				27.4	16.2	29.0	V	13.5	24		90	50	88	76	28	16.6	8.6	13.5	5.9	5.0	1.6	281.1	53.7	9.1	345.7	23	60.2	23
OCTUBRE				26.0	15.8	30.0	24	15.2	18		90	58	89	79	33	19.9	8.5	13.7	7.3	3.0	1.5	312.8	27.5	34.4	374.7	24	53.1	12
NOVIEMBRE				26.2	16.5	30.0	7	15.0	1		87	58	89	78	30	16.1	8.6	13.6	6.3	3.3	1.5	264.3	47.9	190.4	963.0	20	70.3	20
DICIEMBRE				26.5	15.7	29.0	V	10.5	27		82	54	87	74	30	17.6	8.6	13.0	5.9	4.9	1.5	114.2	3.4	23	119.3	16	41.5	10
MEDIA ANUAL				26.4	15.9	29.2	--	13.7	- (14.8)		89	54	90	78	32	17.2	9.0	13.4	6.5	4.3	1.6	190.8	27.8	48.4	267.0	239	50.9	-

PRECIPITACION TOTAL: 3,204.4

PRECIPITACION MAXIMA: 70.3 MI - 20

DIAS LLUVIOSOS: 239

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

ANO 1.966

ESTACION: Llanadue

MESES	P H E C I P I T A C I O N												T O T A L				T E M P E R A T U R A									
	7 HORAS			14 HORAS			20 HORAS			MÁS DE			Mínimo	Máximo	Mínimo	Máximo										
	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:										
ENERO	01	10	100	01	10	100	01	10	100	01	10	100	200	500	14	1	8	1	3	15	4	1				
FEBRERO	16	10	9	4	1	1	6	2	1	1	1	1	1	5	2	1	4	3	15	4	1					
MARZO	16	14	5	2	1	1	6	2	1	1	1	1	1	7	3	1	4	-	11	1	4					
ABRIL	16	15	9	4	2	1	7	3	1	1	1	1	1	6	2	1	6	4	7	6	6					
MAYO	18	15	7	4	1	1	6	4	1	1	1	1	1	5	1	1	14	4	13	1	14					
JUNIO	19	13	5	1	1	1	12	8	2	1	1	1	1	2	1	1	5	11	2	4	5					
JULIO	14	7	3	1	1	1	3	3	1	1	1	1	1	2	1	1	13	5	4	-	13					
AGOSTO	12	10	4	1	1	1	6	3	1	1	1	1	1	2	1	1	13	6	1	3	13					
SEPTIEMBRE	22	18	8	6	1	1	8	5	3	1	1	1	1	6	1	1	11	3	9	-	11					
OCTUBRE	18	15	9	5	2	1	11	8	1	1	1	1	1	8	2	1	7	6	7	4	7					
NOVIEMBRE	15	13	9	4	1	1	7	4	2	1	1	1	1	6	4	1	12	4	7	4	7					
DICIEMBRE	15	10	3	1	1	1	5	2	1	1	1	1	1	4	1	1	9	6	7	4	9					
SUMA ANUAL	195	152	74	35	8	85	49	10	3	1	98	59	19	8	1	239	201	170	139	100	49	13	63	89	39	92

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	F R E C U E N C I A H O R A R I A D E L A P R E C I P I T A C I O N M A S D E 0.1 M M.																								TOTAL
	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	
ENERO	6	6	5	4	3	4	4	6	5	2	2	1	1	1	1	2	3	1	1	3	4	3	6	9	17
FEBRERO	5	7	4	5	6	6	4	5	1	1	1	1	1	1	2	1	1	1	2	2	6	4	9	9	21
MARZO	10	4	5	6	4	4	4	3	2	1	1	1	1	1	3	1	2	2	1	1	5	7	10	22	
ABRIL	6	4	4	5	5	3	5	2	1	1	3	2	3	5	5	3	2	5	4	5	5	6	6	7	19
MAYO	2	5	7	3	2	3	4	1	1	1	1	1	1	3	3	2	2	1	2	1	1	1	1	3	13
JUNIO	6	7	6	10	8	6	5	3	6	6	3	2	3	4	5	3	3	4	8	9	7	6	5	3	24
JULIO	1	4	7	5	6	5	4	3	2	1	1	1	1	1	1	1	1	2	4	3	2	3	2	3	15
AGOSTO	6	5	5	7	7	6	4	6	3	2	1	1	1	1	1	1	1	2	4	3	4	4	4	4	15
SEPTIEMBRE	11	12	8	7	7	6	8	5	3	1	1	2	2	1	1	1	1	2	3	5	6	9	11	22	
OCTUBRE	10	9	10	10	7	8	8	8	5	6	4	3	1	2	4	1	4	4	3	3	7	6	7	9	26
NOVIEMBRE	11	6	6	10	6	6	4	4	2	2	2	2	2	2	3	4	5	6	7	4	5	9	7	7	23
DICIEMBRE	6	4	5	4	3	3	1	1	1	1	1	2	2	1	2	1	2	2	1	2	2	3	4	6	20
SUMA ANUAL	80	75	74	76	66	62	55	46	32	23	19	17	17	22	28	19	25	30	34	41	53	63	72	83	238

FRECUENCIAS DE: NUBOSIDAD - BRILLO SOLAR - VIENTOS

ANO: 1-968

ESTACION: L.L.e.r.d.e.s.

MESES	NUBOSIDAD en DECIMOS		BRILLO SOLAR HORAS		Número de días con: VIENTOS																												
	Menos de		Más de		7 HORAS							14 HORAS							20 HORAS														
	30	80	00	90	N	N	E	E	S	S	W	W	W	W	C	N	N	E	E	S	S	W	W	W	W	C							
ENERO	1	1	4	4	-	-	15	7	1	1	1	1	1	1	7	2	1	13	2	-	1	7	5	4	-	-	9	9	-	1	1	7	
FEBRERO	-	8	4	4	3	2	7	8	2	5	2	5	2	3	2	3	2	18	1	-	-	-	-	5	1	-	1	19	2	-	3	2	1
MARZO	-	4	2	2	2	1	9	6	2	7	1	3	1	3	1	-	-	21	5	-	1	3	1	-	3	1	-	19	6	1	1	-	3
ABRIL	1	14	4	-	-	2	17	10	-	1	-	1	-	3	1	-	-	15	4	-	-	3	4	2	1	1	12	13	-	-	-	1	
MAYO	-	15	-	-	-	-	17	3	-	3	-	8	-	1	-	20	1	-	20	1	-	1	2	6	2	1	-	20	3	-	1	1	3
JUNIO	-	14	3	-	-	2	1	8	6	3	1	9	1	2	1	2	15	3	1	2	1	2	1	5	4	1	2	14	2	-	2	-	5
JULIO	1	7	2	-	-	1	3	13	1	3	1	1	7	-	-	1	14	6	-	1	3	6	-	-	-	-	19	3	-	1	4	4	
AGOSTO	-	1	3	1	3	1	6	9	1	1	1	9	2	1	-	10	8	-	-	3	3	-	10	6	1	2	6	8	-	2	3	3	3
SEPTIEMBRE	1	5	(3)	-	3	-	16	9	-	-	-	2	9	-	2	9	-	-	3	3	-	1	3	11	7	-	12	6	8	-	1	4	4
OCTUBRE	-	11	(7)	-	-	-	12	8	1	1	-	9	8	2	-	10	6	-	1	-	1	-	4	6	1	1	9	8	-	-	1	5	5
NOVIEMBRE	5	1	5	-	2	-	1	12	4	2	2	2	5	7	1	3	11	2	-	1	-	5	8	-	-	11	4	-	2	1	4	4	
DICIEMBRE	2	5	(4)	1	-	2	1	11	1	1	-	2	13	1	1	2	16	4	-	-	-	7	3	-	1	14	2	2	-	1	8	8	
SUMA ANUAL	12	86	(41)	2	10	7	17	144	69	10	21	14	74	37	11	7	166	45	1	8	20	21	44	5	8	164	66	3	13	15	48	48	

Frecuencia Horaria del Brillo Solar

MESES	Frecuencia a Pleno Sol														Frecuencia sin Sol													
	6-7	7-8	8-9	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	8	10	15	7	8	11	4	-	-	29	13	10	6	2	5	4	3	7	14	30	31					
FEBRERO	-	-	5	7	5	10	4	7	4	2	-	28	17	13	8	8	6	4	7	10	10	24	29					
MARZO	-	-	6	12	17	13	11	11	4	1	-	31	24	10	5	3	3	3	6	8	14	22	31					
ABRIL	-	-	7	11	12	9	9	5	2	-	-	30	17	9	5	5	6	4	7	10	18	27	30					
MAYO	-	-	6	10	12	13	10	7	5	-	-	31	16	9	8	5	3	3	5	7	10	24	31					
JUNIO	-	-	10	11	13	11	8	11	3	2	-	30	14	10	8	4	6	5	4	5	8	30	30					
JULIO	-	-	6	12	14	14	10	9	6	7	-	31	15	6	3	3	3	3	1	3	4	25	31					
AGOSTO	-	-	8	9	12	18	10	8	3	8	-	31	14	11	8	7	6	5	4	5	6	13	31					
SEPTIEMBRE	(	-	12	10	9	5	9	9	6	-	-	29	15	9	7	7	8	6	3	4	5	14	29				
OCTUBRE	(	-	3	4	5	2	4	7	4	1	-	29	20	11	11	12	14	12	10	8	11	24	30				
NOVIEMBRE	(	-	3	3	8	7	10	5	4	2	-	25	13	10	9	7	9	4	10	12	20	30	30				
DICIEMBRE	(	-	3	10	13	12	13	11	14	6	2	24	8	7	6	6	7	5	5	6	11	28	29				
SUMA ANUAL	(-	10	84	117	153	124	100	106	54	34	348	186	115	84	69	78	58	65	85	131	291	362					

RESUMEN DE ALGUNAS CARACTERISTICAS
DE LA PRECIPITACION

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MESES	TOTAL			No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA				DURACION MAXIMA					
	m. m.	Dias	Noche	Dia	Noche	Total	Noche	Dia	Noche	Total	m. m.	Duraa.	Int. Med.	Int. Max. 8/m.	Int. Max. 1/m.	h: min.	m. m.	Int. Med.	Int. Max. 6 min.	Int. Max. 1 min. (calc.)
Enero	196.0	18	14	26	40	26.7	169.3	15:20'	42:20'	57:40'	49.8	9:00'	0.09	7.0	2.4	9:00'	49.8	0.09	7.0	1.4
Febrero	314.7	22	15	39	54	55.3	259.4	12:35'	45:35'	58:10'	66.2	6:40'	0.16	9.1	1.8	6:40'	66.2	0.16	9.1	1.8
Marzo	242.8	19	12	36	48	16.1	226.7	6:45'	37:30'	44:15'	63.1	3:45'	0.28	10.0	2.0	4:15'	6.8	0.03	1.0	0.2
Abril	307.9	16	19	23	42	95.4	212.5	23:30'	42:30'	66:00'	60.9	2:55'	0.35	10.2	2.0	12:40'	42.2	0.06	3.5	0.7
Mayo	75.1	14	13	20	33	39.8	35.3	7:45'	20:50'	28:35'	29.2	1:30'	0.21	10.3	2.1	3:10'	3.0	0.02	0.5	0.1
Junio	261.2	23	34	28	62	173.	87.7	42:25'	44:20'	86:45'	30.9	3:25'	0.15	6.9	1.4	9:30'	15.2	0.03	0.7	0.1
Julio	103.1	15	7	20	27	31.6	71.5	6:20'	26:55'	33:15'	14.9	5:05'	0.05	2.5	0.5	5:05'	14.9	0.05	2.5	0.5
Agosto	133.3	16	9	24	33	28.1	105.2	9:45'	41:15'	51:00'	20.1	5:55'	0.06	1.5	0.3	5:55'	20.1	0.06	1.5	0.3
Septbre	342.7	23	14	32	46	61.7	281.0	13:00'	69:40'	82:40'	60.2	8:45'	0.11	7.0	1.4	9:00'	31.5	0.06	2.5	0.5
Octbre	374.7	24	26	34	60	33.1	341.6	22:55'	74:55'	97:50'	51.5	6:10'	0.14	6.5	1.3	9:40'	42.3	0.07	6.0	1.2
Novbre	503.6	20	23	35	58	241.6	261.4	28:25'	58:55'	87:20'	54.7	1:50'	0.50	6.5	1.3	7:20'	47.2	0.11	6.0	1.2
Dicbre	119.3	16	11	23	34	5.5	113.8	6:10'	37:15'	43:25'	41.5	5:50'	0.12	8.1	1.6	5:50'	41.5	0.12	8.1	1.6
TOTALES	2,973.8	226	197	340	537	808.4	2165.4	194:55'	542:00'	736:55'	533.0	60:50'	XX	XX	XX	88:05'	380.7	XX	XX	XX

DATOS DIARIOS

Estación La Palma Mes Enero Año 1968 $\phi = 55.08' N$ $\lambda = 752.28' WGR$ Altura 2,700 M.

Días	TEMPERATURAS						TENSION DEL VAPOR						Humedad Relativa			Nubes DECIMOS	Brillo HORAS	PRECIPITACION			VIENTOS				
	°C			mm			%			mm			m/m					Km/Hora							
	7	14	20	Med.	Máx.	Mín.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.			7	14	20	Total	DIREC. CION	FUERZA	DIREC. CION	FUERZA
1	9.6	16.1	12.6	13.2	19.6	9.0		6.1	7.1	9.6	7.6	83	45	88	72	6.7	—	—	—	—	—	—	—	—	
2	10.6	15.6	12.4	12.8	18.0	10.4		9.0	9.3	8.8	9.0	94	70	81	82	1.5	—	—	—	—	—	—	—	—	
3	9.7	15.9	12.0	12.4	16.6	9.1		7.9	6.7	6.3	7.0	90	50	60	67	2.4	—	—	—	—	—	—	—	—	
4	10.0	18.6	17.6	16.0	19.4	9.6		8.9	7.2	13.2	9.8	96	45	88	76	6.2	—	—	—	—	—	—	—	—	
5	10.0	18.6	13.4	13.8	19.3	9.7		8.8	8.0	10.2	9.0	95	50	88	78	5.6	—	—	—	—	—	—	—	—	
6	10.6	16.1	12.9	13.1	17.1	10.4		9.0	9.0	8.4	8.8	94	65	76	78	1.8	—	—	—	—	—	—	—	—	
7	10.4	16.5	13.0	13.2	18.2	10.0		8.5	10.0	8.9	9.1	90	71	80	81	3.1	—	—	—	—	—	—	—	—	
8	10.8	14.0	11.5	12.0	16.2	10.6		8.9	10.2	9.1	9.4	91	85	90	89	2.5	—	—	—	—	—	—	—	—	
9	10.0	16.5	12.0	12.6	17.4	9.0		9.2	8.9	9.2	9.1	100	63	88	84	4.1	—	—	—	—	—	—	—	—	
10	10.1	15.6	12.1	12.5	16.8	9.6		8.9	9.3	10.1	9.4	96	70	94	87	1.3	—	—	—	—	—	—	—	—	
11	10.1	12.6	10.8	11.1	15.3	9.6		9.6	10.2	9.3	9.7	95	93	95	94	—	—	—	—	—	—	—	—	—	
12	10.1	14.6	10.6	11.5	15.0	9.7		8.9	10.3	9.1	9.4	95	83	95	91	1.1	—	—	—	—	—	—	—	—	
13	9.8	13.6	10.4	11.0	15.4	9.0		8.6	10.0	9.0	9.2	95	85	95	92	0.1	—	—	—	—	—	—	—	—	
14	9.5	12.1	10.1	10.4	13.3	8.9		8.1	9.9	8.5	8.8	93	94	92	93	0.2	—	—	—	—	—	—	—	—	
15	9.6	14.0	11.1	11.4	14.3	8.4		7.8	9.6	9.6	9.0	90	80	95	88	0.4	—	—	—	—	—	—	—	—	
16	10.0	16.1	12.3	12.7	16.4	9.4		8.8	9.4	9.0	9.1	95	70	85	83	2.6	—	—	—	—	—	—	—	—	
17	9.8	16.0	12.0	12.4	16.3	9.3		8.0	8.1	9.0	8.4	90	60	85	78	4.0	—	—	—	—	—	—	—	—	
18	10.1	15.0	12.0	12.3	15.1	9.6		8.3	9.7	9.4	9.1	90	76	90	89	0.6	—	—	—	—	—	—	—	—	
19	10.6	17.0	10.8	12.3	18.1	10.0		9.1	7.7	12.3	9.7	95	53	86	78	4.2	—	—	—	—	—	—	—	—	
20	10.4	16.0	12.8	13.0	19.3	9.7		9.0	10.3	10.5	9.9	95	76	86	86	3.5	—	—	—	—	—	—	—	—	
21	11.1	16.3	12.6	13.2	18.4	10.6		8.6	10.6	10.4	9.9	95	76	95	89	2.6	—	—	—	—	—	—	—	—	
22	10.7	13.7	12.1	12.2	14.8	10.5		9.7	10.2	10.0	10.0	100	86	95	94	0.4	—	—	—	—	—	—	—	—	
23	10.1	13.6	11.8	11.8	17.0	9.6		9.2	10.5	9.9	9.9	100	90	95	95	1.4	—	—	—	—	—	—	—	—	
24	10.4	14.0	11.6	11.9	14.4	10.0		8.9	10.8	9.8	9.8	94	90	95	93	0.2	—	—	—	—	—	—	—	—	
25	10.0	12.8	10.4	10.9	14.3	9.3		9.2	10.0	9.5	9.6	100	90	100	97	—	—	—	—	—	—	—	—	—	
26	9.0	14.3	11.9	11.8	17.3	8.3		7.1	9.0	7.1	7.7	90	75	88	84	5.6	—	—	—	—	—	—	—	—	
27	9.5	15.6	12.0	12.3	16.0	9.2		8.2	6.9	9.1	8.1	95	52	87	78	6.5	—	—	—	—	—	—	—	—	
28	10.0	15.0	12.7	12.6	17.1	9.5		8.3	8.8	10.0	9.0	90	70	90	83	1.6	—	—	—	—	—	—	—	—	
29	10.0	15.4	12.6	12.6	16.0	9.6		8.3	8.2	10.4	9.0	90	63	95	83	4.8	—	—	—	—	—	—	—	—	
30	10.1	16.8	12.4	12.9	17.0	9.6		8.3	8.6	10.0	9.0	90	60	93	81	4.6	—	—	—	—	—	—	—	—	
31	10.0	15.0	12.0	12.2	15.8	9.3		8.3	8.0	10.0	8.8	90	63	95	83	0.8	—	—	—	—	—	—	—	—	
Med.	10.1	15.3	12.1	12.4	16.6	9.6		8.6	9.1	9.5	9.1	93	71	89	84	2.6	—	—	—	—	—	—	—	—	

Precipitación total 89.7 m.m.

DIARIOS

Estación San Palomares Mes Febrero Año 1968 ϕ 35° 08' N λ 75° 28' W.G.R. Altura 2,700 M.

Días	TEMPERATURAS °C						TENSIÓN DEL VAPOR mm						Humedad Relativa %			NEBULOSIDAD DECIMOS		Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS						
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20		
	Méd.	Máx.	Mín.	Mínima Suelo	Méd.	Máx.	Mín.	Méd.	Máx.	Mín.	Méd.	Máx.	Mín.	Méd.	Máx.	Mín.	Méd.		Máx.	Mín.	Méd.	Máx.	Mín.	Méd.	Máx.	Mín.	Méd.	Máx.	Mín.	Méd.	Máx.	Mín.
1	10.0	14.3	11.4	11.8	15.6	10.0	9.2	9.6	9.4	9.4	100	80	94	91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	9.6	12.1	10.4	10.6	13.8	9.3	8.3	9.8	8.0	8.1	95	91	95	94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	9.5	13.0	10.3	10.8	14.0	9.3	8.2	9.9	8.9	9.0	95	88	95	93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	9.4	11.0	10.0	10.1	12.8	9.0	8.0	9.1	8.9	8.7	95	92	96	94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	9.4	13.0	10.8	11.0	14.3	8.8	8.2	9.3	9.3	8.9	96	83	95	91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	8.8	13.2	11.0	11.0	15.2	8.0	8.0	9.2	9.3	8.8	100	80	94	91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	9.0	13.6	10.0	10.6	15.0	8.8	8.3	9.4	8.9	8.9	100	80	96	92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	9.0	15.0	12.8	12.4	16.3	8.7	7.9	8.1	9.7	8.6	95	65	88	83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	10.1	14.1	13.1	12.6	17.4	10.0	9.1	9.1	10.1	9.6	97	80	90	89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	10.4	14.0	12.7	12.4	15.6	10.1	9.0	10.3	10.4	9.9	95	86	94	92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	10.4	15.1	12.4	12.6	16.1	10.0	9.0	9.6	10.0	9.5	95	75	91	88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	10.0	13.1	11.6	11.6	17.1	9.6	8.8	9.8	9.8	9.5	95	86	95	92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	10.1	14.0	12.8	12.4	15.6	9.6	8.7	9.6	10.0	9.4	95	80	90	88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	10.1	15.1	12.7	12.6	18.1	9.6	8.8	10.2	10.0	9.7	95	80	90	92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	10.4	14.0	12.7	12.4	18.1	10.0	9.0	10.8	10.0	9.9	95	90	90	92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	10.4	14.0	13.0	12.6	16.8	10.1	8.8	9.1	9.6	9.2	93	76	86	85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	11.4	15.6	13.0	13.2	16.8	11.0	9.6	10.6	10.7	10.3	95	76	96	89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	10.6	16.0	13.0	13.2	17.7	10.3	9.2	12.3	10.4	10.6	96	90	91	93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	11.0	14.7	9.6	11.2	15.0	10.4	9.4	12.0	8.2	9.9	95	95	95	95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	10.0	14.6	12.1	12.2	15.8	9.6	9.8	9.9	10.4	10.0	97	80	98	92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	10.6	15.4	11.3	12.2	15.5	9.7	9.1	9.1	9.6	9.3	95	70	95	87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	11.0	12.1	11.0	11.3	14.1	10.4	9.6	10.2	9.5	9.8	98	95	96	96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	10.4	15.0	10.3	11.5	16.0	10.0	9.1	9.6	9.0	9.2	96	75	96	89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	8.1	15.6	11.0	11.4	17.5	7.6	5.8	7.8	9.6	7.7	57	60	98	81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	10.0	14.0	10.8	11.4	15.0	9.0	8.9	9.6	9.4	9.3	96	80	96	91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	10.0	15.7	12.4	12.6	18.0	8.6	8.9	8.8	9.7	9.1	96	66	90	84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	10.0	14.3	10.8	11.5	15.1	9.4	8.8	9.6	9.3	9.2	95	80	95	90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	10.0	13.8	11.7	11.8	15.0	9.0	8.8	9.6	9.9	9.4	95	80	95	90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	11.0	14.8	11.1	12.0	16.8	10.0	9.6	8.7	9.4	9.2	98	70	94	87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	10.0	14.2	11.6	11.8	15.9	9.5	8.7	9.7	9.6	9.3	96	80	94	90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total 167.7 m.m.

DATOS DIARIOS

Estación Las Palomas Mes Marzo Año 1908 $\psi = 51^{\circ} 08' N$ $\lambda = 75^{\circ} 28' W.G.R$ Altura 2,100 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa						NUBESIDAD DECIMOS	Brillo Solar Horas	PRECIPITACION				EVAPORACION	VIENTOS							
	7		14		20		7		14		20		7		14		20				7		14			20		7		14		20	
	Méd.	Mín.	Méd.	Mín.	Méd.	Mín.	Méd.	Mín.	Méd.	Mín.	Méd.	Mín.	Méd.	Mín.	Méd.	Mín.	Méd.	Mín.			Méd.	Mín.	Méd.	Mín.		Méd.	Mín.	Méd.	Mín.	Méd.	Mín.	Méd.	Mín.
1	9.8	13.9	12.0	11.9	14.7	9.0	8.6	9.0	10.0	9.2	9.5	7.6	9.5	8.9	2.3	3.2																	
2	9.9	14.0	12.0	12.0	15.1	9.0	8.6	9.6	10.0	9.4	9.5	8.0	9.5	9.0	1.1																		
3	9.6	14.5	11.7	11.9	15.4	9.0	8.6	10.2	9.9	9.6	9.8	8.3	9.5	9.2	1.7	15.5	1.5																
4	10.1	12.2	11.0	11.1	14.0	9.6	9.1	9.6	9.4	9.4	9.8	9.0	9.5	9.4	1.1																		
5	9.0	14.1	10.8	11.2	18.1	8.3	6.3	7.6	8.2	7.4	8.0	6.3	8.5	7.6	3.6																		
6	9.1	15.0	12.3	12.2	18.1	8.6	8.4	7.0	9.9	8.4	9.5	5.5	9.3	8.1	3.8																		
7	9.0	14.4	11.0	11.4	16.1	8.0	8.4	8.0	8.9	8.4	9.5	6.5	9.0	8.3	3.1																		
8	9.0	13.0	11.0	11.0	15.4	8.0	8.4	7.8	9.3	8.5	9.5	7.0	9.4	8.6	1.0	1.3																	
9	9.0	12.8	10.4	10.6	16.1	8.4	8.4	8.3	9.0	8.6	9.5	7.5	9.5	8.8	0.4																		
10	9.1	14.6	11.1	11.5	15.4	8.0	9.6	9.4	9.6	9.5	9.8	8.0	9.6	9.5	0.7	4.8																	
11	10.3	14.2	10.7	11.5	15.6	8.3	8.9	9.6	9.3	9.3	9.5	8.0	9.5	9.0	2.3	9.9																	
12	10.0	15.4	11.8	12.2	16.5	9.0	8.9	9.6	9.1	8.6	9.0	6.6	8.8	8.1	1.0	10.2																	
13	10.3	13.8	11.0	11.5	15.1	9.7	8.3	8.5	9.1	8.6	9.0	6.6	8.8	8.1	2.7																		
14	10.0	12.2	11.0	11.0	14.0	9.0	8.4	9.0	8.9	8.8	9.0	7.6	9.0	8.5	0.2																		
15	9.6	12.0	10.0	10.4	12.4	9.1	8.8	8.4	9.4	8.9	9.5	8.0	9.5	9.0																			
16	9.0	12.0	10.0	10.4	12.4	9.1	9.5	9.4	9.0	9.3	9.7	9.0	9.8	9.5																			
17	9.0	12.0	10.0	10.2	13.0	8.3	9.3	9.4	9.0	9.2	9.8	9.0	9.7	9.5																			
18	10.0	11.1	10.3	10.4	13.3	9.0	9.0	9.6	8.9	9.2	9.8	9.5	9.5	9.6																			
19	9.0	15.0	10.6	11.3	16.1	9.0	7.9	10.2	8.7	8.9	9.6	8.0	9.0	8.9																			
20	9.7	14.0	12.3	12.1	16.0	9.3	8.6	9.6	10.1	9.4	9.7	8.0	9.4	9.0																			
21	10.0	15.1	13.0	12.8	15.4	10.0	9.8	10.2	10.4	9.8	9.5	8.0	9.3	8.9																			
22	10.6	14.1	12.0	12.2	15.0	10.0	9.6	9.6	8.4	9.2	10.0	8.0	8.0	8.7																			
23	10.0	15.0	13.1	12.8	16.8	10.0	9.0	9.0	10.5	9.7	9.7	7.6	9.5	8.9																			
24	10.8	12.6	11.0	11.4	13.0	10.6	9.3	10.4	9.4	9.7	9.5	9.5	9.5	9.5																			
25	10.8	15.0	12.1	12.5	16.3	10.4	9.7	8.8	9.3	9.3	10.0	7.0	8.8	8.6																			
26	10.4	18.0	13.0	13.6	19.3	10.0	9.5	9.7	10.5	9.9	10.0	6.3	9.5	8.6																			
27	11.1	15.1	12.7	12.9	15.4	10.8	10.2	10.2	9.5	10.0	10.0	8.0	8.6	8.9																			
28	11.0	15.6	13.3	13.3	16.4	10.3	9.4	11.4	10.6	10.5	9.5	8.6	9.3	9.1																			
29	11.0	13.7	11.6	12.0	14.3	10.0	8.7	10.2	9.8	9.6	9.0	8.6	9.5	9.0																			
30	10.0	13.8	12.6	12.2	16.4	10.0	8.9	10.1	9.8	9.5	9.4	8.5	9.0	9.0																			
31	11.0	15.9	13.3	13.4	17.5	10.8	9.4	10.7	10.7	10.3	9.5	8.0	9.5	9.0																			
Med.	9.9	14.0	11.6	11.8	15.6	9.3	8.9	9.4	9.5	9.3	9.5	7.9	9.3	8.9																			

Precipitación total **19.3** m.m.

DATOS DIARIOS

Estación Las Palomas Mes Mayo Año 1968 $\phi = 56^{\circ} 08' N$ $\lambda = 75^{\circ} 28' W.G.R.$ Altura 2,700 m.

Días	TEMPERATURAS °C					TENSION DEL VAPOR m m					Humedad Relativa				NUBOSIDAD DECIMOS	Brillo Solar Horas	PRECIPITACION m m			EVAPORACION m m			VIENTOS						
	7	14	20	Med.	Máx.	7	14	20	Med.	Mín.	7	14	20	Med.			7	14	20	Total	7	14	20	DIREC. CION	FUERZA Km./hora	DIREC. CION	FUERZA Km./hora	DIREC. CION	FUERZA Km./hora
	Min. Subo																												
1	10.1	14.1	11.0	11.6	15.6	9.8	8.6	10.8	9.2	9.5	9.1	90	93	92	0.7	5.6	12.5	1.3	21.1										
2	11.0	13.9	10.4	11.4	15.6	10.0	9.3	10.7	8.8	9.6	9.4	90	93	92	1.0	7.3	2.4	14.5	16.9										
3	10.6	15.4	11.4	12.2	16.0	9.9	9.1	9.1	12.6	10.3	9.5	70	90	85	1.6														
4	11.0	15.9	12.0	12.7	18.1	10.6	9.5	9.3	9.2	9.3	9.6	70	88	85	3.2														
5	12.0	15.9	12.3	13.1	17.0	11.0	9.8	10.7	10.2	9.3	93	80	95	89	1.2														
6	10.6	15.7	10.0	11.6	16.0	9.1	9.1	11.4	8.8	9.8	9.5	85	95	92	0.2	29.0	2.6		2.6										
7	11.0	12.2	10.1	10.8	15.6	10.3	9.4	8.4	9.9	9.2	9.5	60	95	90															
8	10.0	11.9	10.0	10.5	13.3	9.7	8.9	10.1	8.8	9.0	9.3	96	98	95	96														
9	10.0	11.1	10.0	10.3	14.3	9.0	8.8	9.4	8.8	9.0	9.5	95	95	95	0.1	4.0			0.7	0.7									
10	10.0	15.3	11.6	12.1	16.0	9.4	8.5	10.3	9.8	9.5	9.3	80	95	89	0.9				1.8	1.9	8.2								
11	10.0	12.0	10.1	10.6	15.3	10.0	8.8	10.0	9.0	9.3	9.5	95	96	95	0.5	4.5			0.5	4.5									
12	10.1	17.0	12.4	13.0	19.1	9.7	8.4	9.5	10.3	9.4	90	65	96	84	3.7	0.3	1.1	1.1	2.2										
13	11.0	13.6	11.0	11.6	15.0	10.4	9.3	11.1	9.4	9.9	9.4	95	95	95	0.3														
14	11.1	15.0	11.1	12.1	19.3	10.4	9.7	11.5	9.6	10.3	9.7	90	95	94	1.0				0.5	0.2	0.7								
15	10.1	12.4	10.0	10.6	15.1	10.0	9.0	10.0	8.9	9.3	9.6	93	96	95	0.3														
16	10.0	16.0	12.4	12.7	19.1	9.0	8.3	8.1	9.7	8.7	90	90	90	90	7.2	1.2													
17	10.8	15.0	10.0	11.4	17.4	10.5	8.8	11.0	8.8	9.5	90	86	95	90	3.2				9.3	1.4	10.7								
18	10.0	13.0	10.6	11.0	13.8	9.1	8.3	10.1	9.2	9.2	90	96	96	92					8.9		10.7								
19	9.4	15.0	12.2	12.2	18.0	8.6	8.4	10.2	10.1	9.6	95	80	94	90					3.7	1.8									
20	9.8	13.1	10.4	10.9	15.0	9.6	9.0	10.1	8.9	9.3	100	90	94	95	2.3														
21	10.4	12.7	10.6	11.1	13.0	10.1	9.0	10.3	9.1	9.5	95	93	95	94					3.8	1.2	6.5								
22	10.0	15.2	10.8	11.7	17.5	9.3	8.9	9.0	9.4	9.1	91	96	70	96	87	0.7	1.5	0.9	1.0	4.8									
23	10.1	16.0	12.6	12.8	17.0	9.3	8.6	9.9	9.9	9.5	93	73	91	86	1.9	2.9	6.5	2.6	9.2										
24	11.1	17.1	13.2	13.6	18.0	10.6	9.4	8.7	10.4	9.5	94	60	91	82	4.7	0.1													
25	11.1	16.8	12.4	13.2	18.0	10.0	8.9	10.5	10.3	9.9	90	73	95	86	1.2														
26	10.7	13.0	10.7	11.3	14.0	10.4	9.4	10.2	9.4	9.6	96	90	96	94					4.9	4.3	9.2								
27	9.8	14.1	11.3	11.6	16.0	9.2	8.7	10.7	9.6	9.7	95	88	95	93	1.1														
28	10.4	13.8	11.5	11.8	16.1	10.0	9.1	9.9	9.7	9.6	96	83	95	91	0.9				0.9	3.1	4.4								
29	11.1	14.3	12.0	12.4	15.1	10.0	9.3	11.2	10.0	10.2	93	93	95	94					0.4	1.6	1.2	4.0							
30	11.4	13.9	11.2	11.9	14.0	11.0	9.6	10.7	9.6	10.0	95	90	95	93					1.2	1.2									
31	11.0	13.0	12.8	12.4	14.4	10.4	9.5	10.4	10.3	10.1	96	93	93	94	0.1														
Med	10.5	14.3	11.2	11.8	16.1	9.9	9.0	10.1	9.6	9.6	94	84	94	91	1.3	2.0	2.8	2.3	6.9										

Preecipitación total 206.6 mm

DATOS DIARIOS

Estacion La Palomera Mes Junio Año 1968 $\phi = 51^{\circ} 08' N$ $\lambda = 75^{\circ} 28' WGR$ Altura 2,700 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa			Nubosidad		Brillo Solar Horas	PRECIPITACION			VIENTOS				
	Med.		Máx.	Mín.	Mínima Suho	Med.		Med.	Med.	Med.	%	7	14	20	7	14	20		Total	7	14	20	DIREC. CION	FUERZA Km./Hora	DIREC. CION	FUERZA Km./Hora
	7	14				20	7																				14	20	7	14	20
1	10.1	12.2	11.0	11.1	13.0	10.0	9.0	9.8	9.4	9.4	96	92	95	94	5.6	12.5	1.3	21.1								
2	10.1	12.6	10.6	11.0	13.1	9.9	9.0	9.8	8.7	9.2	96	90	90	92	7.3	2.4	14.5	16.9								
3	10.0	15.9	11.3	12.1	17.0	9.6	7.6	10.7	8.8	9.0	85	80	88	84			0.1	0.1								
4	11.0	13.7	11.0	11.7	16.3	10.7	9.3	10.7	9.5	9.8	94	90	96	93	1.4		22.7	8.8	60.5							
5	10.1	11.4	10.1	10.4	12.2	9.7	8.5	9.7	8.6	9.3	93	96	95	95	0.2	39.0	2.8									
6	9.0	11.9	9.6	10.0	12.4	7.5	7.9	8.9	8.8	8.5	95	85	98	93												
7	10.1	16.8	12.8	13.1	19.6	8.1	7.1	7.9	9.5	8.2	75	55	86	72												
8	10.0	12.9	11.1	11.3	16.4	9.4	8.1	9.9	9.2	9.1	88	82	92	87	1.5		1.5	13.4	18.9							
9	10.1	13.9	11.2	11.6	15.0	9.3	8.8	9.9	9.4	9.4	95	83	94	91	0.7	4.0		0.7	0.7							
10	11.0	14.0	11.0	11.8	15.0	10.4	8.9	10.8	9.2	9.6	90	90	93	91	0.6		1.8	1.9	8.2							
11	10.8	14.4	13.0	12.8	17.0	10.7	9.4	10.4	10.4	10.1	96	89	93	91	1.9	4.5			0.3							
12	11.1	14.0	12.0	12.3	15.6	10.1	9.6	10.3	9.8	9.6	96	86	94	92	0.4	0.3	1.0	1.1	2.2							
13	10.8	14.1	12.3	12.4	14.8	10.6	9.4	10.3	10.2	10.0	96	86	96	93	0.5											
14	10.4	14.8	12.2	12.4	17.0	10.0	9.1	8.7	10.1	9.3	96	70	94	87	2.1		0.5	0.2	0.7							
15	12.0	18.0	13.8	14.2	19.3	10.6	7.4	7.7	9.3	8.1	75	50	78	68	0.6				1.2							
16	11.1	13.6	11.1	12.0	16.4	11.7	10.0	11.1	9.3	10.1	96	95	93	95	7.1	1.2										
17	10.8	15.4	11.5	12.3	16.1	10.4	9.0	9.1	9.6	9.2	93	70	94	86	0.4		9.3	1.4	10.7							
18	10.1	15.1	11.8	12.2	16.5	10.0	8.8	10.3	9.8	9.6	95	80	94	90	1.2											
19	9.7	14.1	11.6	11.8	17.0	9.4	8.6	10.8	9.7	9.7	95	90	94	93	1.7	1.8		0.8	0.8							
20	11.0	15.0	12.8	12.9	17.1	10.4	9.4	10.6	10.4	10.1	95	83	94	91	2.7											
21	11.0	14.0	12.7	12.6	16.4	10.7	9.4	10.8	10.5	10.2	95	90	95	93	1.1		1.8	1.2	6.5							
22	10.7	12.2	12.0	11.7	14.9	10.4	9.3	10.2	10.0	9.8	95	96	96	96	0.4	1.5	0.9	1.0	4.8							
23	11.1	12.0	11.0	11.3	14.1	10.0	9.4	9.6	9.5	9.5	95	90	96	94	0.3	2.9	6.5	2.6	9.2							
24	10.6	15.0	13.0	12.9	18.0	10.3	9.1	9.6	10.1	9.6	95	75	90	87	2.8	0.1										
25	11.1	14.9	12.1	12.6	16.0	10.0	9.0	9.4	9.6	9.3	91	75	91	86	0.2											
26	10.0	14.9	11.0	11.7	16.0	9.6	8.3	10.0	9.4	9.2	90	80	95	88	0.7		4.9	4.3	9.2							
27	11.0	15.4	12.3	12.8	16.0	10.3	9.4	9.9	10.2	9.8	95	76	96	86	1.1				0.2							
28	11.0	14.0	11.3	11.9	15.0	10.3	9.4	9.6	9.6	9.6	95	80	96	90	0.7		0.9	3.1	4.4							
29	10.5	12.6	10.8	11.2	13.3	10.8	9.1	10.4	9.3	9.6	95	95	95	95	0.2	0.4	1.6	1.2	4.0							
30	10.5	13.3	11.1	11.5	13.4	10.4	8.9	10.6	9.6	9.7	93	94	96	94		1.2	1.2		1.2							
31																										
Med.	10.6	14.1	11.6	12.0	15.6	10.0	8.9	9.9	9.6	9.5	93	83	93	90	1.3	2.0	2.8	2.3	6.9							

Precipitacion total 206.6 m.m.

DATOS DIARIOS

Estación Las Palomas Mes Septiembre Año 1968 $\phi = 5^{\circ} 09' N$ $\lambda = 75^{\circ} 20' W$ GR Altura 2,700 M.

Días	TEMPERATURAS $^{\circ}C$					TENSION DEL VAPOR mm					Humedad Relativa %			NEBULOSIDAD DECIMOS	Brillo Solar Horas	PRECIPITACION mm			VIENTOS				
	7	14	20	Med.	Máx. Min.	Mínima Suelo	7	14	20	Med.	7	14	20			Med.	7	14	20	Total	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora
1	10.4	13.1	11.0	11.4	15.0	10.0	9.0	10.8	9.4	9.7	95	95	95										
2	10.6	12.0	10.6	11.0	14.4	10.0	9.4	8.8	9.1	9.1	98	83	95	92	1.1	0.4	5.5	0.7	6.2				
3	11.0	18.6	12.8	13.8	19.1	10.0	8.4	8.7	10.0	9.0	85	55	90	77	6.9				29.4				
4	10.0	15.0	11.1	11.8	17.1	9.0	7.7	9.2	9.4	8.8	83	73	94	83	2.4	29.4		1.0	1.0				
5	10.0	13.0	12.7	12.1	16.4	9.4	8.3	10.3	10.4	9.7	90	91	94	92	2.1		5.5	0.1	5.6				
6	11.4	14.0	12.6	12.6	19.0	10.2	8.9	10.2	9.8	9.6	90	85	90	88	4.6								
7	11.4	15.0	11.6	12.4	15.4	10.2	8.6	9.6	9.8	9.3	85	75	96	85	0.7				0.8	0.8			
8	11.3	12.8	10.6	11.3	14.1	10.6	9.6	10.3	9.1	9.7	95	93	95	94	0.8				10.8	1.9	12.7		
9	10.6	14.4	11.8	12.2	16.0	10.2	9.1	11.0	9.9	10.0	95	90	95	93	1.6								
10	10.5	17.0	13.0	13.4	17.3	10.3	8.6	9.5	10.1	9.4	90	65	90	82	3.3								
11	11.0	13.8	11.2	11.8	14.1	10.7	9.4	10.7	9.6	9.9	95	90	95	93	0.1				1.2	5.9	23.6		
12	9.6	18.0	13.1	12.4	19.0	8.6	8.3	7.7	9.6	8.5	95	50	86	77	4.5	16.5	0.6						
13	11.4	12.9	11.8	12.0	16.0	11.0	9.1	10.3	8.4	9.3	90	93	81	88	0.7								
14	11.5	15.7	13.1	13.4	17.9	10.3	9.1	11.4	10.4	10.3	90	85	93	89	2.3								
15	11.0	12.9	11.8	11.9	15.6	9.6	9.5	10.0	9.3	9.6	96	90	90	92	0.6	1.3	2.5	0.5	5.5				
16	11.0	16.9	12.8	13.1	17.4	9.1	9.5	9.0	9.5	9.3	96	85	94	92	2.3	2.5	0.6	3.3	13.2				
17	10.0	16.9	12.8	13.1	17.4	9.1	8.8	9.0	10.5	9.4	95	63	95	84	2.5	9.3							
18	11.1	16.1	13.2	13.4	16.4	10.7	9.4	9.5	10.4	9.8	94	71	91	85	1.9				0.1	0.7	1.4		
19	11.0	14.9	11.6	12.3	17.0	10.6	9.4	10.4	9.1	9.6	95	84	90	90	0.7	0.6	1.1	0.5	1.6				
20	10.9	16.5	13.1	13.4	18.0	10.6	8.2	9.2	10.5	9.3	85	60	94	80	3.1								
21	12.0	13.9	12.3	12.6	15.6	11.1	9.4	10.2	9.3	9.6	90	86	88	88	0.4								
22	11.6	15.9	12.7	13.2	16.3	11.0	9.5	9.8	10.4	9.9	93	73	81	87	1.2				2.1	2.2			
23	10.9	15.0	12.4	12.7	17.7	10.4	9.4	10.3	10.2	10.0	96	81	94	90	2.8	0.1							
24	11.0	16.0	13.1	13.3	19.0	10.6	8.4	8.8	9.6	8.9	85	66	86	79	4.1								
25	11.0	17.6	11.4	12.8	18.3	10.3	9.2	9.5	9.5	9.4	93	63	94	83	1.5				3.9	12.0	15.9		
26	11.4	15.8	12.0	12.8	16.2	11.3	8.0	10.2	10.0	9.4	80	76	95	84	0.9				0.2	8.4	10.5		
27	10.8	16.1	11.7	12.6	16.4	10.4	8.8	11.8	9.9	10.2	90	85	96	90	0.7	1.9	4.5	6.2	10.9				
28	10.0	12.8	10.0	10.7	13.0	9.4	8.8	10.0	8.8	9.2	85	90	95	93		0.2	0.6	6.1	6.8				
29	10.5	12.8	11.2	11.4	15.0	9.4	8.1	10.0	9.4	9.2	85	90	94	90	0.9	0.1	3.0	0.5	3.5				
30	10.6	13.0	11.0	11.4	15.0	9.7	9.1	10.5	9.5	9.7	95	95	96	95	0.5				1.9	7.4	9.3		
31																							
Med.	10.8	14.8	12.0	12.4	16.5	10.2	8.9	9.9	9.7	9.5	91	79	93	88	1.8	2.1	2.3	2.1	6.4				

Precipitación total 192.3 mm.

RESUMEN MENSUAL Y ANUAL

AÑO: 1-1968

ESTACION: Las Palomas

M E S	PRESION ATMOSFERICA SOBRE 000 MM. HG.			TEMPERATURA OC			TEMPERATURAS EXTREMAS OC			HUMEDAD RELATIVA %			TENSION DEL VAPOR MM. HG.			PRECIPITACION													
	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	7	14	20	SUMA	DIAS LLUVIOSOS	MAXIMA								
	MM. HG.	MM. HG.		MM. HG.	MM. HG.		MM. HG.	MM. HG.		MM. HG.	MM. HG.		MM. HG.	MM. HG.					MM.										
ENERO				10.1	15.3	12.1	12.4	16.6	9.6	19.6	1	8.3	26	93	71	89	84	45	10.8	6.3	9.1	2.6	9.6	39.6	35.0	89.7	12	24.3	25
FEBRERO				10.0	14.2	11.6	11.8	15.9	9.5	18.1	V	7.6	24	96	80	94	90	60	12.3	5.8	9.3	1.4	67.0	24.0	79.0	167.7	18	37.1	3
MARZO				9.9	14.0	11.6	11.8	15.6	9.3	19.3	26	8.0	V	95	79	93	89	55	11.4	6.3	9.3	1.4	65.9	11.6	37.0	111.3	18	19.5	18
ABRIL				10.5	14.5	11.5	12.0	16.2	9.9	19.1	17	8.6	V	96	83	95	91	55	11.2	7.3	9.6	1.3	82.8	37.2	125.1	245.1	24	76.5	11
MAYO				10.5	14.3	11.2	11.8	16.1	9.9	19.3	14	8.6	19	94	84	94	91	60	12.6	8.1	9.6	1.3	7.1	65.4	60.3	138.4	26	19.0	8
JUNIO				10.6	14.1	11.6	12.0	15.6	10.0	19.6	7	7.5	6	93	83	93	90	50	11.1	7.1	9.5	1.3	59.8	83.4	69.0	206.6	24	60.5	5
JULIO				10.5	14.8	12.0	12.3	16.2	9.9	19.5	26	8.0	11	94	76	90	87	51	11.8	5.6	9.3	2.0	33.8	33.4	24.9	92.1	21	21.9	16
AGOSTO				10.8	15.0	12.2	12.5	17.1	10.2	20.6	V	9.0	V	93	75	88	85	58	10.8	5.9	9.3	2.0	20.4	35.3	32.8	108.5	17	24.0	9
SEPTIEMBRE				10.8	14.8	12.0	12.4	16.5	10.2	19.1	3	8.6	12	91	79	93	88	50	11.8	7.7	9.5	1.8	62.3	68.1	61.9	192.3	24	29.4	3
OCTUBRE				10.8	14.9	11.9	12.4	16.0	10.1	20.0	10	9.0	27	94	79	93	89	53	11.1	7.7	9.6	1.2	117.6	56.6	91.9	266.1	25	36.7	9
NOVIEMBRE				10.6	14.5	11.7	12.1	15.9	10.0	19.0	V	8.0	15	94	84	91	90	60	11.5	7.6	9.7	1.3	122.7	69.5	109.2	308.9	23	42.1	12
DICIEMBRE				10.5	15.2	12.1	12.5	16.7	9.9	19.4	V	8.1	25	94	76	90	87	60	11.2	7.1	9.4	1.7	100.7	15.1	65.0	173.3	14	72.0	1
MEDIA ANUAL				10.5	14.6	11.8	12.2	16.2	9.9	19.4	--	8.3	--	94	79	92	88	55	11.5	6.9	9.4	1.6	62.5	44.9	67.6	175.0	246	38.1	--

PRECIPITACION TOTAL: 2,100.0

PRECIPITACION MAXIMA: 72.0 - XII - 1

DIAS LLUVIOSOS: 246

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

ESTACION: Las Palomas

AÑO: 1.968

MESES	PRECIPITACION												TOTAL				TEMPERATURA						
	7 HORAS			14 HORAS			20 HORAS			MÁS DE:			Mínimo Abajo de -9 °C	Mínimo Arriba de 11 °C	Máxima Abajo de 14 °C	Máxima Arriba de 18 °C							
	Más de: 01	10	100	Más de: 01	10	100	Más de: 01	10	100	200	500	500											
ENERO	3	2	-	7	5	1	1	10	6	2	-	12	8	8	3	1	-	6	-	8			
FEBRERO	14	6	1	6	3	1	-	11	10	3	1	-	18	15	11	9	7	2	-	10	1	3	3
MARZO	13	9	3	6	3	-	-	10	6	1	-	-	18	14	10	8	5	-	-	16	-	6	4
ABRIL	16	11	2	16	7	1	-	22	13	4	1	1	24	21	16	10	7	4	1	5	3	-	6
MAYO	11	3	-	21	14	2	-	24	14	1	-	-	26	22	16	11	4	-	-	3	2	5	7
JUNIO	13	10	1	18	14	2	1	19	14	2	-	-	24	18	15	11	7	2	1	2	1	6	3
JULIO	11	8	1	12	7	1	-	16	8	-	-	-	21	18	10	6	3	1	-	4	2	2	6
AGOSTO	7	5	-	11	7	1	-	12	10	1	1	-	17	13	10	8	3	1	-	2	8	2	12
SEPTBRE.	11	6	1	18	13	2	-	20	12	1	-	-	24	21	16	14	8	2	-	2	4	1	6
OCTUBRE	13	12	6	18	12	-	-	20	11	3	1	-	25	22	18	15	10	2	-	1	3	4	2
NOVIEMBRE	15	13	4	17	11	3	-	20	17	2	1	-	23	21	20	17	12	4	-	7	3	3	2
DICIEMBRE	8	7	2	6	2	-	-	9	7	2	1	-	14	12	7	5	3	3	1	6	3	1	9
SUMA ANUAL	135	94	21	156	98	14	2	193	128	22	6	-	246	205	157	22	72	22	3	64	30	34	71

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	TOTAL																								
	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	8	5	2	9	6	4	1	1	1	2	2	5	5	6	5	5	2	1	1	2	1	-	-	11
FEBRERO	8	6	1	6	4	1	4	4	3	3	3	2	1	4	4	7	6	5	4	2	4	1	1	4	16
MARZO	7	5	6	4	4	1	3	2	2	-	2	1	2	5	7	6	5	2	3	4	5	4	7	7	21
ABRIL	10	8	9	9	6	3	2	1	1	1	5	6	11	14	14	11	9	8	8	10	11	9	9	9	25
MAYO	4	3	2	2	2	1	1	1	1	2	6	12	13	16	18	16	16	11	6	4	3	2	1	3	26
JUNIO	5	5	4	4	7	7	5	2	2	2	9	13	12	13	9	10	8	8	7	11	6	8	5	3	24
JULIO	2	3	4	4	5	4	1	2	2	2	6	0	7	9	10	8	4	3	1	1	1	4	5	3	20
AGOSTO	2	2	2	1	-	1	3	4	3	2	2	2	8	7	5	7	11	7	3	1	3	3	4	4	16
SEPTBRE.	3	4	5	4	4	2	2	2	2	1	2	6	10	12	14	12	8	8	5	5	3	4	6	4	24
OCTUBRE	7	7	5	5	6	7	1	4	5	4	6	4	9	12	13	13	10	7	7	4	2	3	6	25	
NOVIEMBRE	10	10	5	4	6	5	3	-	-	4	2	3	6	16	16	13	11	10	9	6	9	7	7	7	23
DICIEMBRE	6	5	2	3	1	3	3	2	2	1	-	2	2	4	7	9	4	3	3	2	4	4	6	5	14
SUMA ANUAL	66	62	51	48	50	47	36	26	23	19	37	58	84	112	122	120	99	90	63	51	51	54	53	57	245

RESUMEN DE ALGUNAS CARACTERISTICAS
DE LA PRECIPITACION

MESES	TOTAL		No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA				DURACION MAXIMA					
	m. m.	Días	Día	Noche	Total	Total	Día	Noche	Total	m. m.	Durac.	Int. Med.	Int. Max. 6/m.	Int. Max. 1/m.	h. min.	m. m.	Int. Med.	Int. Max. 6 min.	Int. Max. 1 min. (rela.)
Enero	89.7	12	18	11	29	77.6	23:45'	9:00'	32:45'	27.0	4:20'	0.10	1.6	0.3	4:20'	27.0	0.10	1.6	0.3
Febrero	167.7	18	25	30	55	102.0	29:35'	36:50'	66:25'	31.7	8:20'	0.06	2.0	0.5	8:20'	31.7	0.06	2.0	0.5
Marzo	111.3	18	20	28	48	46.6	21:45'	36:15'	58:00'	14.2	3:20'	0.07	2.0	0.5	5:40'	11.3	0.03	1.9	0.5
Abril	245.1	24	50	38	88	181.7	63:10'	53:05'	1:16:15'	68.5	10:59'	0.10	4.0	0.8	10:55'	68.5	0.10	4.0	0.8
Mayo	138.4	26	65	19	84	126.4	73:55'	14:25'	88:20'	14.9	2:20'	0.11	3.0	0.6	4:25'	3.5	0.01	0.5	0.1
Junio	206.6	24	58	25	83	152.7	63:35'	38:25'	1:02:00'	40.5	16:20'	0.04	0.9	0.2	16:20'	40.5	0.04	0.9	0.2
Julio	98.1	21	38	19	57	58.1	35:40'	24:35'	60:15'	17.0	6:15'	0.04	0.7	0.1	6:15'	17.0	0.04	0.7	0.1
Agosto	108.5	17	35	8	43	83.0	37:15'	16:25'	53:40'	24.0	1:10'	0.34	6.0	1.2	5:45'	12.1	0.04	1.0	0.2
Septiembre	198.3	24	45	13	58	125.9	52:40'	32:00'	84:40'	29.4	5:35'	0.09	4.2	0.8	8:10'	11.6	0.02	0.4	0.1
Octubre	466.1	25	43	16	59	169.9	76:00'	37:40'	1:13:40'	38.6	6:50'	0.09	5.5	1.1	12:10'	16.3	0.02	0.6	0.1
Noviembre	308.9	23	39	30	69	171.2	59:45'	58:05'	1:17:50'	29.4	6:10'	0.08	4.5	0.9	10:00'	27.4	0.04	2.0	0.4
Diciembre	173.3	14	17	15	32	26.2	16:35'	36:40'	53:15'	70.5	13:10'	0.09	6.0	2.2	13:10'	70.5	0.09	6.0	1.2
TOTALES	2100.0	246	453	252	705	1321.3	553:40'	393:25'	947:05'	426.7	84:45'	IX	XX	XX	105:30'	337.4	XX	XX	XX

DATOS DIARIOS

Estación Marañón Mes Enero Año 1968 $\phi = 4^{\circ} 57' N$ $\lambda = 75^{\circ} 21' W$ W.G.B. Altura 1,400 M.

Días	TEMPERATURAS °C						TENSIÓN DEL VAPOR m m						Humedad Relativa %			NEBULOSIDAD DECIMOS			Horas Solares			PRECIPITACION m m			EVAPORACION mm			VIENTOS						
	7		14		20		7		14		20		7		14		20		7			14			20			7		14		20		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Med.	Min.	Max.	Med.	Min.	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	Dir.	Fuerza	Dir.	Fuerza	Dir.	Fuerza	
1	13.8	26.8	18.4	19.4	11.5	13.5	10.0	11.3	7.3	11.3	10.0	96	28	71	65	4.3	10.5	—	—	—	—	—	—	—	—	2.6	02	1	02	1	14	1		
2	14.3	26.9	19.8	20.2	27.3	13.1	11.0	11.3	9.2	11.2	10.6	95	35	65	65	3.0	8.7	—	—	—	—	—	—	—	—	2.5	06	1	14	1	02	1		
3	15.7	25.6	18.2	19.4	26.5	14.8	12.5	13.1	6.6	9.5	10.4	97	35	60	64	5.0	5.7	—	—	—	—	—	—	—	—	2.4	06	1	16	1	14	1		
4	13.5	26.0	18.1	18.9	26.9	12.6	10.4	11.0	7.7	12.6	10.4	95	30	81	69	2.0	7.6	—	—	—	—	—	—	—	—	2.2	06	1	14	1	06	1		
5	15.1	26.7	18.2	19.6	27.3	14.3	12.0	12.2	10.5	12.6	11.8	94	40	81	72	5.0	6.7	—	—	—	—	—	—	—	—	2.2	06	1	02	1	02	1		
6	17.4	26.0	19.6	20.6	27.9	16.5	14.6	13.3	10.3	13.9	12.5	90	41	81	71	6.7	7.9	—	—	—	—	—	—	—	—	2.4	06	1	02	1	06	1		
7	16.8	26.3	19.8	20.7	28.8	16.4	14.4	12.9	10.2	14.2	12.4	90	40	83	71	6.7	8.5	—	—	—	—	—	—	—	—	3.0	02	1	06	1	02	1		
8	16.0	27.8	18.4	20.2	28.0	15.9	13.8	12.7	9.2	12.4	11.4	93	33	77	68	3.0	6.4	—	—	—	—	—	—	—	—	2.6	06	1	10	1	06	1		
9	15.5	27.9	20.4	21.0	28.8	15.3	13.5	12.4	9.2	12.6	11.4	94	33	70	66	6.0	8.5	—	—	—	—	—	—	—	—	2.5	06	1	10	1	06	1		
10	16.9	26.8	20.4	21.1	28.8	16.7	15.2	13.4	10.7	14.6	12.9	91	42	81	72	7.0	5.5	—	—	—	—	—	—	—	—	4.2	2.2	06	1	02	1	02	1	
11	16.1	27.4	19.0	19.4	25.5	15.5	14.2	13.1	12.9	14.1	13.4	96	60	81	8.7	5.2	4.2	—	—	—	—	—	—	—	—	—	2.1	04	1	02	1	02	1	
12	16.9	23.0	16.4	18.2	23.5	16.1	14.5	13.4	12.6	13.1	13.0	93	60	93	82	8.7	3.1	—	—	—	—	—	—	—	—	3.4	1.0	06	1	02	1	06	1	
13	16.0	24.6	17.6	19.0	26.3	14.5	12.5	13.1	11.1	12.8	12.3	96	48	85	76	7.3	3.3	3.4	—	—	—	—	—	—	—	0.1	1.4	06	1	02	1	06	1	
14	16.4	25.8	18.6	19.8	27.0	16.0	14.5	13.4	12.0	14.4	13.3	96	48	90	78	8.0	4.7	0.1	—	—	—	—	—	—	—	2.3	2.3	1.5	06	1	02	1	06	1
15	15.8	25.7	20.0	20.4	26.4	15.7	12.7	11.7	10.9	14.9	12.5	87	44	85	72	8.0	5.7	—	—	—	—	—	—	—	—	1.9	06	1	02	1	02	1		
16	16.7	27.3	20.7	21.4	28.4	16.1	14.0	12.8	11.0	12.8	12.2	89	40	70	66	4.3	9.1	—	—	—	—	—	—	—	—	2.8	06	1	16	1	10	1	02	1
17	15.4	27.9	20.0	20.8	28.9	14.7	13.0	12.6	10.3	12.2	11.7	96	36	70	67	4.0	9.4	—	—	—	—	—	—	—	—	6.9	3.0	06	1	16	1	02	1	
18	16.4	27.2	19.0	20.4	28.0	15.8	15.2	13.3	10.8	13.6	12.6	95	38	82	72	5.7	6.2	6.9	—	—	—	—	—	—	—	2.2	04	1	16	1	02	1		
19	16.8	27.2	19.2	20.6	28.2	15.5	14.4	13.5	12.3	12.5	12.8	94	45	75	71	6.3	6.0	—	—	—	—	—	—	—	—	—	2.3	06	1	14	1	02	1	
20	16.8	28.6	21.0	21.8	26.4	16.0	14.9	10.9	11.7	14.2	12.3	90	38	76	68	3.7	9.3	—	—	—	—	—	—	—	—	15.2	2.7	06	1	04	1	02	1	
21	16.0	25.4	18.3	19.5	25.0	15.7	15.0	13.4	12.4	14.4	12.3	97	51	90	79	4.0	3.7	15.2	—	—	—	—	—	—	—	18.5	2.2	06	1	12	1	02	1	
22	18.0	27.0	20.0	21.2	27.5	17.0	15.7	15.0	11.9	14.9	13.9	97	44	85	75	6.7	5.7	14.5	—	—	—	—	—	—	—	—	—	1.7	02	1	14	1	02	1
23	17.1	26.2	19.2	20.4	27.2	16.0	15.4	14.2	11.5	14.0	13.2	97	45	84	75	6.3	6.0	—	—	—	—	—	—	—	—	6.4	1.7	06	1	08	1	02	1	
24	17.0	26.2	19.2	20.4	27.0	16.6	15.0	14.6	11.5	14.0	13.1	100	55	90	82	6.3	2.8	6.4	0.8	—	—	—	—	—	—	33.9	1.2	04	1	14	1	02	1	
25	16.0	26.7	16.2	17.3	21.0	15.3	14.1	13.7	13.8	14.1	13.9	100	74	95	90	8.7	1.9	16.7	—	—	—	—	—	—	—	16.7	0.6	06	1	14	1	02	1	
26	14.4	25.2	18.3	19.0	27.9	13.6	12.5	11.9	9.4	11.8	11.4	97	38	75	70	5.3	9.2	—	—	—	—	—	—	—	—	2.4	02	1	12	1	02	1		
27	15.6	26.7	19.8	20.5	28.9	14.7	14.0	12.3	9.5	12.4	11.4	93	36	72	67	4.0	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	16.0	27.3	20.7	21.3	28.9	14.6	13.6	12.7	12.3	14.7	13.2	92	45	80	72	4.7	10.2	—	—	—	—	—	—	—	—	—	2.8	02	1	04	1	02	1	
29	16.1	27.2	19.9	20.8	28.0	15.4	14.0	13.9	12.1	12.2	12.7	100	44	71	72	5.7	7.3	—	—	—	—	—	—	—	—	—	2.5	06	1	14	1	30	1	
30	16.1	27.8	19.0	20.5	28.9	14.8	13.7	13.1	10.1	11.5	11.6	95	36	70	67	3.3	8.1	—	—	—	—	—	—	—	—	—	3.0	06	1	14	1	06	1	
31	15.8	26.7	19.3	20.3	26.9	15.1	13.8	12.1	10.5	13.3	12.0	90	40	80	70	5.0	5.8	—	—	—	—	—	—	—	—	—	4.6	2.4	12	1	16	1	06	1
Med.	16.0	26.2	19.1	20.1	27.3	15.3	13.8	12.9	10.8	13.1	12.3	94	43	79	72	5.6	6.7	2.7	0.6	0.1	3.5	2.2	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total : 108.2 mm.

DATOS DIARIOS

Estación Marandajal Mes Marzo Año 1968 $\phi = 4^{\circ} 57' N$ $\lambda = 75^{\circ} 41' W$ W.G.B. Altura. 1.400 M.

Días	TEMPERATURAS °C						TENSIÓN DEL VAPOR m m						Humedad Relativa %						NEBULOSIDAD DESMOS			Brillo Solar Horas			PRECIPITACION m m			VIENTOS									
	7		14		20		7		14		20		7		14		20		Med		Med		Med		7		14		20		7		14		20		
	Med.	Máx.	Min.	Min.	Máx.	Sueto	Med.	Máx.	Min.	Min.	Máx.	Sueto	Med.	Máx.	Min.	Min.	Máx.	Sueto	Med.	Máx.	Min.	Min.	Máx.	Sueto	Total	7	14	20	Dircc Fuercza	Dircc Fuercza	Dircc Fuercza	Dircc Fuercza	Dircc Fuercza	Dircc Fuercza			
1	16.8	26.1	18.8	20.1	27.9	15.9	14.6	14.4	11.6	13.7	13.2	100	46	85	77	6.0	5.3	1.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	17.4	25.6	19.4	20.4	26.5	16.6	14.0	14.2	12.2	13.1	13.1	96	50	80	75	6.0	3.8	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3	16.9	25.4	19.2	20.2	26.8	16.8	14.3	13.8	12.3	15.0	13.7	96	50	80	79	7.0	4.6	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4	17.3	25.7	19.3	20.4	26.4	17.0	14.4	14.4	10.3	14.4	13.0	98	41	87	75	7.7	5.0	13.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5	14.7	27.3	19.1	20.0	28.0	14.0	12.0	11.4	8.2	11.6	10.4	91	36	71	64	3.7	8.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6	16.7	27.7	19.3	20.8	28.8	16.3	14.2	13.6	10.1	13.3	12.3	95	36	86	70	4.0	8.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7	16.3	26.1	20.4	20.8	26.5	15.8	13.9	13.1	10.0	14.5	12.5	95	40	80	72	8.0	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	16.1	24.5	19.2	19.8	26.4	15.6	14.5	13.7	9.5	13.3	12.2	100	41	80	74	7.0	1.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	17.0	24.9	19.1	20.0	26.0	16.0	15.5	14.1	10.5	13.2	12.6	97	45	80	74	8.7	2.1	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	17.1	26.6	19.6	20.7	27.0	16.7	15.4	14.6	11.0	15.2	13.6	100	42	89	77	7.3	2.9	1.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	16.6	25.0	17.6	19.2	26.0	16.2	15.5	13.9	10.6	13.5	12.7	98	45	90	78	6.7	5.0	14.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	16.2	25.3	18.9	19.8	26.3	15.7	15.0	13.9	10.5	14.0	12.8	100	44	86	77	6.0	3.5	13.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	15.4	27.6	19.3	20.4	29.0	14.7	13.9	11.9	10.9	11.0	11.3	91	38	65	65	4.7	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	15.9	26.1	18.8	19.9	27.0	15.4	13.9	13.2	8.7	13.7	13.9	98	35	85	79	8.7	3.1	17.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	16.0	24.0	19.2	19.6	26.0	15.6	15.3	13.5	13.3	13.4	13.4	99	60	80	80	9.0	2.8	23.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	16.8	24.5	17.4	19.0	25.4	16.1	15.0	13.8	11.6	15.0	13.5	96	50	100	82	10.6	1.6	29.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	16.0	22.4	18.3	18.8	23.0	15.6	14.8	13.4	12.1	14.2	13.2	98	60	91	83	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	16.2	24.1	18.6	19.4	23.6	15.9	14.4	13.3	11.2	14.4	13.0	96	50	90	79	8.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	16.7	26.0	19.4	20.4	27.5	15.3	14.8	14.4	10.0	14.7	13.0	100	40	88	76	9.3	3.1	9.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	17.3	26.4	20.1	21.0	27.8	16.5	15.1	14.6	11.3	13.6	13.1	97	43	76	72	4.7	5.0	7.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	18.0	26.3	20.1	21.1	27.9	17.4	16.2	14.9	11.5	13.7	13.4	96	45	78	71	7.0	4.7	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	18.3	26.3	19.0	20.6	26.8	17.0	15.9	14.8	11.5	14.8	13.7	94	45	90	76	8.3	0.9	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	17.2	27.3	20.9	21.6	29.0	15.9	15.0	14.7	11.3	13.4	12.5	86	41	71	67	6.0	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	17.6	22.0	18.4	19.1	23.0	17.0	16.0	14.8	11.9	15.1	13.9	98	60	95	84	6.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	16.1	26.4	20.2	20.7	28.4	15.5	14.5	13.7	11.4	14.3	12.5	86	44	80	70	7.7	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	17.5	29.0	20.6	21.9	29.6	15.5	13.8	13.1	10.5	13.1	12.2	88	35	72	65	5.0	7.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	18.4	26.8	20.7	21.6	28.0	17.8	16.4	14.2	12.0	13.1	13.1	90	45	71	69	7.0	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	18.3	25.6	20.4	21.2	26.7	17.9	16.4	15.1	13.8	15.4	14.8	96	56	86	79	8.0	1.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	16.6	20.6	17.4	18.5	25.0	17.9	16.2	15.5	15.2	14.2	15.0	96	84	96	92	8.3	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	17.0	28.0	21.3	21.9	28.6	15.3	14.1	13.8	10.0	13.2	12.3	95	35	70	67	5.0	7.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	18.6	28.4	21.3	22.4	29.5	17.6	17.0	13.5	11.7	16.1	13.8	85	40	86	70	7.0	6.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Med.	16.9	25.7	19.4	20.4	27.0	16.2	15.0	13.8	11.2	13.9	13.0	95	46	83	75	7.0	3.9	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total 2191.5 mm.

DATOS DIARIOS

Estación Marianjuel Mes Abril Año 1968 $\phi = 49^{\circ} 57' N$ $\lambda = 75^{\circ} 41' WGR$ Altura 1.400 M.

Días	TEMPERATURA - °C						TENSION DEL VAPOR - mm						Humedad Relativa %			NEBULOSIDAD			Brillo Solar Horas			PRECIPITACION - mm						VIENTOS								
	Máx.		Mín.		Suave		Máx.		Mín.		Med.		Máx.		Mín.		Med.		mm			mm			7		14		20		7		14		20	
	7	14	20	Med.	Máx.	Mín.	Mínima	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	7	14	20				
1	18.0	26.0	20.4	21.2	26.3	16.1	15.3	14.9	13.4	15.4	14.6	96	53	86	76	9.7	0.7	33.6	0.3	—	—	0.3	—	—	0.3	1.5	0.2	1	02	1	02	1				
2	17.0	21.4	19.3	19.2	28.0	16.0	14.5	13.5	11.5	12.5	12.5	93	60	75	76	6.0	4.4	—	—	—	—	—	—	—	11.6	2.1	0.6	1	06	1	02	1				
3	18.1	24.9	20.1	20.8	26.6	16.4	15.5	15.1	11.8	14.8	14.3	99	50	80	80	7.0	2.6	11.6	—	—	—	—	—	—	15.5	1.5	0.6	1	16	1	02	1				
4	18.5	25.1	17.9	19.8	25.2	18.0	16.6	15.8	14.2	14.6	14.9	99	60	95	85	10.0	0.4	15.5	—	—	—	—	—	—	6.7	6.7	1.0	0.4	1	10	1	02	1			
5	18.0	27.5	21.4	22.1	29.9	16.5	15.3	14.7	11.0	15.3	13.7	95	40	80	72	7.0	8.3	—	—	—	—	—	—	—	—	36.5	2.4	0.6	1	02	1	06	1			
6	17.8	23.0	20.0	20.2	26.2	17.4	16.2	15.4	14.8	14.9	15.0	100	70	85	85	7.1	2.6	36.5	—	—	—	—	—	—	—	20.0	1.2	0.2	1	12	1	02	1			
7	17.6	27.0	20.6	21.4	28.6	17.3	15.6	14.8	12.2	14.2	14.2	98	45	86	76	8.3	5.3	20.0	—	—	—	—	—	—	—	1.1	14.4	1.6	0.6	1	12	1	06	1		
8	17.2	26.0	19.4	20.5	26.5	16.6	16.0	14.1	13.2	14.3	13.9	96	52	85	78	7.3	0.8	13.3	—	—	—	—	—	—	—	—	1.4	0.6	1	08	1	10	1			
9	18.0	19.8	18.0	18.4	23.8	16.5	14.6	14.5	15.6	16.2	15.4	93	90	98	94	9.3	2.2	—	—	—	—	—	—	—	—	—	1.4	0.6	1	04	1	02	1			
10	18.1	25.2	18.0	19.8	26.3	16.8	14.3	15.2	14.0	15.0	14.7	98	58	97	84	8.3	3.1	12.7	—	—	—	—	—	—	—	4.8	1.5	19.0	0.6	1	04	1	02	1		
11	17.0	21.8	17.8	18.6	23.0	16.1	15.4	14.6	15.6	14.6	14.9	100	80	95	92	7.3	0.5	0.1	10.7	31.6	1.0	0.2	1	10	1	1.0	0.2	1	10	1	02	1				
12	16.8	23.9	20.0	20.2	29.5	16.0	15.4	13.8	13.3	14.9	14.0	96	60	85	80	8.3	3.7	20.8	0.3	8.3	8.6	1.2	0.2	1	10	1	1.0	0.2	1	10	1	02	1			
13	17.1	25.4	19.8	20.5	26.8	16.0	15.3	13.5	10.7	14.7	13.0	93	44	85	74	7.0	5.6	—	—	—	—	—	—	—	—	0.3	6.3	1.4	0.4	1	02	1	02	1		
14	16.8	23.8	17.6	19.0	23.9	16.0	15.3	13.8	13.3	14.8	14.0	96	60	98	85	9.3	0.3	6.2	3.2	31.2	34.4	0.6	0.6	1	02	1	1.0	1	02	1	10	1	02	1		
15	16.1	29.2	19.4	20.0	26.0	15.7	14.5	13.3	13.3	14.4	13.7	96	55	86	79	6.0	5.1	—	—	—	—	—	—	—	—	2.4	10.9	1.6	0.6	1	02	1	10	1		
16	16.3	25.9	18.4	19.8	26.7	16.0	15.5	13.5	12.5	13.8	13.3	98	50	87	78	7.0	5.5	8.5	0.4	5.1	5.5	1.3	0.6	1	06	1	1.0	1	04	1	10	1	02	1		
17	16.6	27.8	19.7	21.0	29.3	16.4	15.6	12.3	10.6	13.6	12.2	87	38	79	68	4.3	9.5	—	—	—	—	—	—	—	—	—	3.1	0.6	1	14	1	10	1			
18	18.1	22.3	18.8	19.5	24.5	17.4	15.5	14.6	13.2	13.7	13.8	94	65	85	81	7.3	1.5	—	—	—	—	—	—	—	—	7.1	7.9	1.3	0.0	0	04	1	10	1		
19	16.6	27.1	19.4	20.6	28.8	15.3	13.5	13.9	9.2	12.7	11.9	98	34	75	69	4.7	10.0	0.8	0.1	—	—	—	—	—	—	0.1	2.5	0.2	1	14	1	02	1			
20	18.0	27.8	20.8	21.8	28.8	16.6	14.5	13.8	10.6	15.4	13.3	90	38	84	71	5.0	8.8	—	—	—	—	—	—	—	—	—	2.1	0.2	1	06	1	02	1			
21	18.4	26.8	20.2	21.4	28.8	17.6	14.8	15.3	12.0	14.4	13.9	96	45	81	74	4.0	6.6	—	—	—	—	—	—	—	—	13.2	2.2	0.2	1	12	1	02	1			
22	17.3	26.3	17.4	19.6	26.8	16.7	15.4	14.4	12.8	14.2	13.8	98	50	95	81	7.3	5.4	13.2	0.1	1.7	1.8	1.6	0.0	0	10	1	1.0	1	02	1	10	1	02	1		
23	17.0	25.8	19.0	20.2	27.4	15.6	14.7	12.5	11.6	14.6	12.9	86	47	89	74	8.1	5.9	—	—	—	—	—	—	—	—	6.3	8.2	1.7	0.2	1	14	1	02	1		
24	17.2	27.3	19.0	20.6	27.5	16.7	15.9	13.9	11.0	14.6	13.8	14.1	97	90	92	8.7	3.2	18.5	1.3	2.1	3.4	0.0	0	14	1	1.0	1	02	1	10	1	02	1			
25	16.9	18.8	18.1	18.0	25.4	16.8	16.0	13.9	14.6	13.8	14.1	97	90	90	92	8.7	3.2	—	—	—	—	—	—	—	—	0.3	18.8	1.4	0.0	0	14	1	10	1		
26	15.9	27.9	19.6	20.8	28.8	14.7	12.8	12.5	11.1	14.4	12.7	93	40	82	72	4.7	7.8	—	—	—	—	—	—	—	—	—	1.9	0.6	1	10	1	02	1			
27	18.0	27.6	20.8	21.8	28.9	16.4	15.3	13.6	11.1	15.1	13.4	88	40	85	71	6.7	5.0	—	—	—	—	—	—	—	—	—	1.6	0.6	1	02	1	02	1			
28	18.0	25.9	19.3	20.5	27.4	17.6	16.3	13.3	15.2	13.7	15.1	14.7	98	55	92	82	5.0	2.0	—	—	—	—	—	—	—	—	0.3	1.6	0.2	1	06	1	02	1		
29	17.7	22.0	19.3	19.6	27.0	16.7	15.5	14.8	11.4	13.4	13.9	97	58	93	83	9.3	3.9	0.3	—	—	—	—	—	—	—	—	0.1	0.1	1.6	0.6	1	06	1	02	1	
30	17.0	26.9	19.1	20.5	26.9	16.0	14.9	14.6	13.2	13.6	13.8	100	48	82	77	8.7	4.5	—	—	—	—	—	—	—	—	—	26.7	1.6	0.4	1	02	1	02	1		
31	17.0	26.9	19.1	20.5	26.9	16.0	14.9	14.6	13.2	13.6	13.8	100	48	82	77	8.7	4.5	—	—	—	—	—	—	—	—	—	26.7	1.6	0.4	1	02	1	02	1		
Med	17.4	25.1	19.3	20.2	26.9	16.5	15.3	14.2	12.6	14.6	13.8	95	54	87	79	7.2	4.3	7.2	0.4	2.9	10.2	1.6	—	—	—	—	—	—	—	—	—	—	—	—		

Precipitación total : 305.2 mm.

DATOS DIARIOS

Estación Maranday Mes Mayo Año 1968 $\phi = 4^{\circ} 57' N$ $\lambda = 75^{\circ} 41' WGR$ Altura 1.400 m.

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Días	TEMPERATURAS $^{\circ}C$						TENSIÓN DEL VAPOR						Humedad Relativa %			Brillo Solar Horas			PRECIPITACION mm			EVAPORACION mm			VIENTOS					
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20	
	Méd.	Máx.	Mín.	Mínima Sueto	Méd.	Máx.	Méd.	Máx.	Méd.	Máx.	Méd.	Máx.	Méd.	Máx.	Méd.	Máx.	Méd.	Máx.	Méd.	Máx.	Méd.	Máx.	Méd.	Máx.	Méd.	Máx.	Méd.	Máx.	Méd.	
1	16.4	26.2	18.0	19.6	26.6	14.8	14.0	13.3	10.5	13.8	12.5	95	41	90	75	3.7	3.8	26.7	—	—	—	—	—	—	—	—	—	—	—	
2	17.6	21.9	18.7	19.2	26.4	14.4	13.4	12.8	15.6	13.6	14.0	85	80	84	83	7.7	7.5	—	—	—	—	—	—	—	—	—	—	—	—	
3	18.4	26.0	20.8	21.5	27.8	15.8	15.1	12.7	15.5	14.4	—	95	50	85	77	7.0	5.3	0.6	—	—	—	—	—	—	—	—	—	—	—	
4	18.4	28.0	21.6	22.4	28.0	16.8	15.4	15.3	12.7	15.7	13.6	96	44	66	69	7.0	7.0	1.1	—	—	—	—	—	—	—	—	—	—	—	
5	18.9	24.2	19.2	20.4	25.2	16.0	15.0	15.5	13.5	14.1	14.4	95	60	85	80	5.7	0.4	9.4	—	—	—	—	—	—	—	—	—	—	—	
6	19.4	25.6	19.4	21.0	27.8	16.5	15.0	14.6	13.4	15.2	14.8	87	54	9	77	9.0	4.5	—	—	—	—	—	—	—	—	—	—	—	—	
7	16.9	25.8	18.0	19.7	26.0	15.8	15.0	13.9	12.5	13.8	13.4	97	50	90	79	9.3	2.1	16.8	—	—	—	—	—	—	—	—	—	—	—	
8	16.8	20.9	17.8	18.3	23.0	15.5	14.3	13.9	14.7	14.8	14.5	97	80	97	91	8.0	0.4	1.9	10.4	1.5	11.9	0.8	06	1	04	1	02	1	02	
9	16.0	18.0	16.7	16.8	24.0	13.2	12.0	11.6	14.6	13.8	13.3	85	94	96	92	8.0	5.3	—	—	—	—	—	—	—	—	—	—	—	—	
10	17.4	26.5	17.6	19.8	27.0	14.9	13.6	14.0	10.3	13.5	12.6	94	40	90	75	6.0	6.4	—	—	—	—	—	—	—	—	—	—	—	—	
11	16.7	25.3	17.0	19.0	26.9	14.5	13.4	13.8	10.7	12.3	12.3	96	45	85	75	5.0	4.8	0.6	—	—	—	—	—	—	—	—	—	—	—	
12	17.6	28.4	19.7	21.4	29.8	16.4	12.7	12.4	11.7	16.2	13.4	82	40	94	72	4.3	10.0	—	—	—	—	—	—	—	—	—	—	—	—	
13	16.4	22.4	17.0	18.2	23.6	15.2	14.5	14.1	13.4	13.9	13.8	100	66	94	87	7.3	1.2	46.3	—	—	—	—	—	—	—	—	—	—	—	
14	17.0	25.9	19.1	20.3	27.5	15.7	14.5	14.0	11.4	12.9	12.8	96	46	78	73	6.3	3.0	0.2	—	—	—	—	—	—	—	—	—	—	—	
15	16.8	23.8	15.8	18.0	24.5	15.9	14.1	13.9	13.3	12.4	13.4	97	60	96	84	7.3	2.0	6.8	—	—	—	—	—	—	—	—	—	—	—	
16	18.1	26.9	19.0	20.8	28.0	13.6	12.6	13.8	12.0	13.2	13.0	90	45	80	72	3.7	11.0	—	—	—	—	—	—	—	—	—	—	—	—	
17	17.8	26.5	18.4	20.3	27.6	16.4	15.9	14.6	13.1	12.0	13.2	95	50	75	73	8.0	7.2	—	—	—	—	—	—	—	—	—	—	—	—	
18	16.0	22.4	17.3	18.2	23.8	14.8	14.0	12.0	12.1	14.0	12.7	88	60	85	81	5.3	2.3	—	—	—	—	—	—	—	—	—	—	—	—	
19	17.6	27.4	19.4	21.0	28.5	14.1	13.0	14.0	11.2	13.9	13.0	93	40	88	74	6.0	7.9	—	—	—	—	—	—	—	—	—	—	—	—	
20	18.0	22.0	18.4	19.2	26.3	15.3	14.5	14.7	13.9	11.1	13.2	95	72	70	79	6.3	6.0	9.4	2.6	—	—	—	—	—	—	—	—	—	—	
21	16.8	23.3	17.1	18.1	24.0	15.3	14.5	14.1	14.2	12.9	13.7	97	75	88	87	8.3	—	2.1	0.1	—	—	—	—	—	—	—	—	—	—	
22	17.8	25.7	18.6	20.2	26.2	14.4	13.5	13.2	12.0	13.0	12.7	86	48	81	72	7.3	3.0	—	—	—	—	—	—	—	—	—	—	—	—	
23	16.8	26.8	19.0	20.4	27.9	13.8	12.7	12.1	10.5	12.5	11.7	85	40	76	67	4.0	6.6	—	—	—	—	—	—	—	—	—	—	—	—	
24	17.6	23.9	18.6	19.7	26.8	14.9	14.0	13.5	13.3	13.5	13.4	90	60	85	78	7.7	6.0	—	—	—	—	—	—	—	—	—	—	—	—	
25	17.0	27.1	18.8	20.4	28.0	15.0	14.1	13.5	11.9	14.7	13.4	93	44	91	76	5.7	3.4	—	—	—	—	—	—	—	—	—	—	—	—	
26	17.0	22.5	18.1	18.9	24.1	16.3	15.4	14.6	12.2	14.0	13.6	93	50	90	83	7.0	4.1	11.7	3.3	0.1	1.4	1.4	1.0	06	1	02	1	06	1	
27	16.9	25.7	19.1	20.2	27.0	15.2	14.6	13.4	12.5	13.0	13.6	93	50	78	5.3	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	18.1	27.1	20.0	21.4	28.3	17.0	16.4	14.7	11.2	14.2	13.4	95	40	81	72	8.3	6.3	1.7	—	—	—	—	—	—	—	—	—	—	—	
29	17.8	21.4	17.7	18.6	25.0	16.3	15.8	14.7	15.3	14.6	14.9	96	80	95	90	8.0	2.6	0.5	3.2	0.4	3.6	1.3	02	1	04	1	02	1	02	
30	17.6	20.4	18.7	18.8	24.0	16.6	15.7	14.4	16.0	15.5	15.1	95	80	95	93	9.0	1.0	—	—	—	—	—	—	—	—	—	—	—	—	
31	17.1	23.9	19.1	19.8	25.4	16.5	15.2	14.0	15.6	15.7	15.1	96	70	95	87	8.0	2.1	2.1	3.5	2.0	7.6	0.6	02	1	06	1	06	1	06	
Med.	17.4	24.5	18.5	19.7	26.3	15.3	14.3	13.8	12.8	13.8	13.5	93	57	87	79	6.8	4.4	4.4	0.9	1.0	6.1	1.7	—	—	—	—	—	—	—	

Precipitación total: 189.6 mm.

DATOS DIARIOS

Estación Marabá Mes Junio Año 1968 $\phi = 48^{\circ} 57' N$ $\lambda = 75^{\circ} 41' W.G.R.$ Altura 1.400 M.

Días	TEMPERATURAS						TENSION DEL VAPOR						Humedad Relativa %						Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS						
	7	14	20	Med.	Máx.	Mín.	Mínima Safo	7	14	20	Med.	7	14	20	Med.	7	14	20		Total	7	14	20	Direc. CION Km./Hora	Direc. CION Km./Hora	7	14	20	Direc. CION Km./Hora	Direc. CION Km./Hora		
																															DIREC. CION Km./Hora	DIREC. CION Km./Hora
1	17.4	19.9	18.6	18.6	22.3	16.3	15.4	14.2	14.7	15.3	14.7	96	85	95	92	8.3	0.4	19.9	0.5	0.9	3.3	0.8	00	0	04	1	02	1				
2	16.3	23.7	18.2	19.1	24.6	16.0	35.2	13.9	12.4	14.9	13.7	100	56	95	84	6.3	1.2	1.9	—	—	—	1.4	06	1	02	1	02	1				
3	16.9	24.9	16.8	18.8	26.3	14.5	13.0	12.5	12.6	13.8	13.0	88	53	96	79	5.7	6.0	—	—	3.9	—	3.9	1.6	06	1	14	1	02	1			
4	15.9	24.9	18.8	19.6	26.2	14.3	13.3	13.1	12.3	15.5	13.6	97	52	95	81	8.0	4.0	—	—	0.4	25.6	1.5	04	1	14	1	02	1				
5	16.8	18.3	16.2	16.9	21.5	14.7	13.5	13.6	13.6	13.9	13.7	95	86	100	94	9.7	0.7	25.2	8.8	8.6	32.9	0.7	02	1	06	1	02	1				
6	13.8	19.4	16.6	16.6	20.2	13.7	13.0	11.3	12.4	12.4	12.4	96	73	96	88	9.0	0.4	15.5	2.6	—	2.6	0.9	06	1	02	1	02	1				
7	14.9	25.9	18.6	19.5	27.4	14.0	13.3	12.4	10.0	13.8	12.1	98	40	86	75	6.0	8.9	—	—	—	—	—	1.4	00	0	14	1	10	1			
8	16.2	26.4	17.1	19.2	28.9	14.6	14.0	13.2	10.2	13.7	12.4	96	40	91	76	7.0	6.7	—	—	4.0	6.3	2.2	02	1	06	1	02	1				
9	17.0	27.0	20.1	21.4	28.0	16.0	14.9	14.2	13.4	14.7	14.1	98	50	80	76	8.0	7.5	2.3	—	—	2.2	06	1	10	1	02	1	02	1			
10	17.0	26.5	19.5	20.6	27.0	16.1	14.6	11.8	13.1	13.9	13.6	95	50	81	75	7.3	5.8	—	—	0.1	3.4	2.0	06	1	02	1	06	1				
11	17.3	26.7	20.1	21.0	29.0	16.9	16.2	14.4	10.5	15.8	13.6	98	40	90	76	6.3	7.7	3.3	0.1	—	7.4	2.4	06	1	02	1	02	1				
12	17.1	24.7	19.2	20.2	25.3	16.8	16.0	15.0	13.6	15.0	14.5	98	58	90	82	8.3	0.7	7.3	0.3	—	16.5	1.4	04	1	02	1	02	1				
13	17.0	26.1	19.8	20.6	26.6	15.6	14.7	13.8	12.0	13.1	12.3	95	40	80	72	5.0	6.7	16.2	—	—	12.1	2.2	02	1	06	1	04	1				
14	18.0	26.0	19.1	20.2	27.0	16.1	15.0	14.0	12.7	13.2	13.3	93	50	80	74	7.0	6.8	12.1	—	—	—	2.2	02	1	10	1	06	1				
15	17.4	26.8	21.0	21.6	28.8	16.1	15.4	14.2	11.8	15.9	14.0	96	44	86	76	6.7	7.2	—	—	—	—	—	2.2	02	1	10	1	06	1			
16	18.2	20.4	16.5	17.9	24.4	16.8	14.5	14.9	15.7	14.2	14.9	95	88	100	94	6.3	3.8	—	—	14.2	1.5	15.7	1.3	06	1	02	1	02	1			
17	15.3	22.9	18.6	18.8	25.0	14.4	13.0	12.4	15.0	15.5	14.3	96	72	96	88	5.0	3.0	—	—	—	—	—	3.2	—	2.7	1.2	06	1	16	1		
18	16.4	23.4	18.6	19.2	25.4	15.1	13.9	14.1	11.3	15.2	13.5	90	52	94	82	7.7	3.9	1.5	0.3	—	—	—	—	—	0.3	6.3	2.1	02	1	02	1	
19	17.0	26.9	20.3	21.1	28.3	15.5	14.0	13.7	10.5	16.6	13.6	94	40	76	64	7.6	8.2	—	—	—	—	—	—	—	—	1.8	02	1	10	1		
20	17.6	25.6	19.8	20.7	26.4	15.1	14.6	11.8	14.8	14.6	13.7	97	48	86	77	7.3	7.0	6.0	—	—	—	—	—	—	—	23.5	1.9	02	1	10	1	
21	19.0	25.9	19.6	21.0	27.6	17.2	16.0	15.5	13.2	15.4	14.0	94	45	90	76	5.7	5.3	—	—	—	—	—	—	—	—	29.9	1.2	04	1	10	1	
22	17.5	24.7	19.4	20.4	27.9	16.8	16.0	14.6	11.8	15.8	14.1	90	50	81	81	7.0	5.1	23.5	—	—	—	—	—	—	—	29.9	1.2	04	1	10	1	
23	17.2	23.2	19.6	20.4	25.2	16.0	15.3	14.4	15.2	16.3	15.3	88	72	93	88	6.3	3.7	29.9	0.6	—	—	—	—	—	—	9.6	1.2	04	1	10	1	
24	16.8	25.3	19.0	20.0	28.0	16.0	14.0	14.4	12.4	14.5	13.8	90	51	88	80	5.7	6.8	—	—	—	—	—	—	—	—	9.6	1.2	04	1	10	1	
25	16.8	22.7	19.0	19.4	25.0	16.0	14.8	13.1	14.7	15.2	14.3	91	70	93	85	5.0	3.3	—	—	—	—	—	—	—	—	0.4	1.8	04	1	06	1	
26	18.1	22.8	17.6	19.0	26.0	14.4	13.1	13.0	14.9	13.5	13.8	84	71	90	82	5.7	5.9	—	—	—	—	—	—	—	—	0.4	1.8	04	1	06	1	
27	18.5	23.8	19.6	20.4	27.9	14.7	13.9	13.9	15.6	14.4	14.6	87	70	90	82	4.0	7.7	—	—	—	—	—	—	—	—	0.8	1.3	2.1	06	1	06	1
28	17.8	27.0	18.8	20.6	27.7	16.3	15.8	14.8	13.0	13.7	13.8	97	48	85	77	6.0	5.4	0.5	0.1	—	—	—	—	—	—	0.2	1.4	04	1	08	1	
29	17.2	22.6	18.0	19.0	24.0	15.0	13.8	14.1	15.1	13.8	14.3	96	13	90	86	7.0	2.0	0.1	0.6	1.6	3.4	1.2	02	1	10	1	02	1	02	1		
30	17.0	23.4	18.8	19.5	24.3	16.3	15.5	14.2	12.9	15.4	14.2	98	60	84	84	6.3	—	1.2	0.3	—	—	—	—	—	—	25.8	1.3	06	1	10	1	
31	17.0	24.3	18.8	19.7	26.1	15.6	14.6	13.8	12.8	14.7	13.8	99	96	91	81	6.7	4.5	5.5	1.0	0.7	7.5	1.6	—	—	—	—	—	—	—	—	—	
Med	17.0	24.3	18.8	19.7	26.1	15.6	14.6	13.8	12.8	14.7	13.8	99	96	91	81	6.7	4.5	5.5	1.0	0.7	7.5	1.6	—	—	—	—	—	—	—	—	—	

Precipitación total : 224.9 mm.

DATOS DIARIOS

Altura 1400 m.

$\phi = 45^{\circ} N$ $\lambda = 75^{\circ} WGR$

Año 1968

Mes Julio

Estación Farenjal

Días	TEMPERATURA						TENSION DEL VAPOUR						Humedad Relativa			Nubosidad DECIMOS	Brillo Solar Horas	PRECIPITACION m.m.			EVAPORACION			VIENTOS											
	Med.		Max.	Min.	Minima Suño	7	14	20	Med.	7	14	20	7	14	20			Total	7	14	20	7	14	20	7	14	20	7	14	20					
	7	14	20	7	14																										20	7	14	20	7
1	16.6	23.8	18.6	19.4	24.5	15.5	14.5	13.7	11.8	15.5	13.7	97	53	96	82	9.0	3.6	25.5	9.4	—	9.9	3.0	0.6	1	14	1	14	1							
2	18.0	27.0	18.1	20.3	27.8	15.5	14.6	14.7	13.0	14.9	14.2	95	48	96	80	6.0	6.6	0.5	—	1.8	8.8	3.8	0.4	1	14	1	10	1							
3	17.3	26.8	18.8	20.4	28.0	15.7	15.0	14.0	10.5	14.4	13.0	97	40	90	76	5.7	7.1	5.0	—	0.6	0.9	2.1	0.2	1	14	1	06	1							
4	18.2	25.8	19.1	20.6	27.5	16.7	15.7	15.1	10.6	14.8	13.5	96	43	90	76	7.0	5.6	0.3	—	—	—	1.9	0.2	1	06	1	06	1							
5	17.1	26.9	19.9	21.0	28.2	16.0	15.0	14.0	12.1	13.9	13.4	96	46	80	74	5.3	7.0	—	—	—	—	—	2.4	0.6	1	14	1	06	1						
6	18.8	20.3	18.4	19.8	23.8	17.0	16.4	15.7	15.9	15.3	15.6	96	90	96	94	6.1	0.4	—	—	—	—	—	5.2	1.0	0.4	1	06	1	02	1					
7	17.0	27.7	21.3	21.8	29.2	15.7	14.5	14.0	11.1	14.4	13.2	96	40	76	71	3.1	7.6	—	—	—	—	—	0.3	2.4	0.2	1	04	1	10	1					
8	16.5	27.1	20.2	21.0	28.3	14.7	13.4	13.5	9.4	12.4	11.8	96	35	70	67	3.3	9.4	0.3	—	—	—	—	0.5	2.8	0.6	1	02	1	10	1					
9	17.5	27.2	20.6	21.5	28.3	16.7	15.5	13.8	10.7	13.6	12.7	92	40	74	69	5.1	5.5	0.5	—	—	—	—	1.9	2.6	0.6	1	02	1	02	1					
10	16.6	27.5	18.5	20.3	28.6	15.8	14.4	14.3	11.0	14.3	13.2	100	40	90	77	5.7	4.1	1.9	—	—	—	—	—	2.3	0.6	1	02	1	02	1					
11	16.1	24.9	17.9	19.2	25.5	14.7	13.4	12.7	11.8	12.1	12.2	93	50	79	74	7.0	2.5	—	—	—	—	—	—	—	2.2	0.2	1	04	1	02	1				
12	16.0	27.2	18.6	20.1	29.0	14.4	13.1	12.3	10.7	14.4	12.5	90	40	80	70	4.7	7.5	—	—	—	—	—	—	—	—	2.2	0.2	1	04	1	10	1			
13	17.6	25.4	19.9	20.7	27.4	17.1	16.0	14.2	9.8	14.8	12.9	94	40	86	73	4.0	6.4	—	—	—	—	—	—	—	—	2.2	0.2	1	04	1	10	1			
14	17.3	26.4	20.0	20.9	27.4	16.8	15.4	14.8	12.0	15.0	13.9	100	46	86	77	6.0	4.6	—	—	—	—	—	—	—	—	2.3	0.6	1	02	1	02	1			
15	17.1	27.0	19.0	20.5	27.3	16.6	14.9	13.4	12.5	12.3	12.7	91	46	75	71	5.7	5.8	—	—	—	—	—	—	—	—	30.9	2.1	0.6	1	06	1	10	1		
16	16.1	20.6	18.1	18.2	22.0	15.1	14.3	13.5	15.0	15.2	14.6	98	93	83	91	8.3	0.5	10.9	1.0	0.8	10.1	0.6	0.2	1	06	1	02	1	02	1	02	1			
17	15.1	24.8	18.0	19.0	25.3	14.8	14.1	12.8	10.7	14.6	12.7	100	46	94	80	7.0	4.8	8.3	0.3	—	0.3	1.3	0.2	1	02	1	02	1	02	1	02	1			
18	17.9	23.8	18.1	19.5	26.4	16.9	15.6	14.7	13.3	13.5	13.8	96	60	85	80	5.7	3.9	—	—	—	—	—	—	—	—	76.1	1.4	0.4	1	04	1	02	1		
19	15.4	24.2	18.6	19.2	27.0	15.1	14.4	12.1	12.6	14.4	13.0	100	55	90	82	8.0	4.9	75.8	3.4	—	—	—	—	—	—	28.7	1.4	0.4	1	14	1	02	1		
20	16.8	24.0	18.8	19.6	26.1	16.0	15.1	14.4	12.4	14.6	13.8	100	55	90	82	8.3	3.5	25.3	0.6	0.1	—	—	—	—	—	2.7	1.4	1.0	1	04	1	02	1		
21	16.4	23.8	17.6	18.8	26.0	15.4	14.6	13.7	11.1	14.0	12.9	98	50	95	81	7.0	2.8	2.2	36.5	2.2	36.8	1.1	0.2	1	04	1	02	1	04	1	02	1			
22	16.2	24.1	19.1	19.6	25.8	15.3	14.3	13.5	12.4	15.1	13.7	98	55	91	81	8.0	1.8	0.1	0.2	—	—	—	—	—	—	19.4	1.5	0.6	1	02	1	02	1		
23	16.2	25.1	19.1	19.9	27.1	14.8	14.1	13.9	13.4	14.5	13.9	100	56	88	81	7.3	7.8	19.2	—	—	—	—	—	—	—	0.1	0.3	2.0	0.6	1	06	1	02	1	
24	17.0	25.9	20.0	21.0	27.1	15.8	14.4	14.0	10.0	13.1	12.7	96	40	85	74	6.7	3.9	0.2	—	—	—	—	—	—	—	0.1	2.4	0.6	1	18	1	10	1		
25	17.3	28.1	20.0	21.4	30.0	16.6	15.0	14.0	11.1	13.1	12.7	95	38	75	69	3.7	7.1	0.1	—	—	—	—	—	—	—	0.1	2.6	0.6	1	16	1	02	1		
26	17.5	28.2	19.8	21.1	30.1	16.5	15.0	14.4	11.5	14.0	13.1	96	40	85	74	6.5	4.0	9.1	—	—	—	—	—	—	—	—	2.4	0.6	1	06	1	02	1		
27	17.0	28.6	21.3	22.0	30.5	16.0	15.3	13.2	10.2	12.1	11.9	91	35	65	64	4.0	9.5	—	—	—	—	—	—	—	—	—	2.7	0.6	1	02	1	02	1		
28	16.4	26.0	21.0	21.1	29.0	15.3	14.6	13.3	11.6	14.0	13.0	95	46	74	72	6.7	7.9	—	—	—	—	—	—	—	—	—	2.5	0.6	1	14	1	02	1		
29	18.2	27.4	20.7	21.8	29.7	15.8	14.6	13.8	12.1	14.6	13.2	89	40	79	69	6.3	6.4	—	—	—	—	—	—	—	—	—	2.8	1.0	1	16	1	14	1		
30	18.0	29.0	21.9	22.7	29.8	16.2	14.5	13.8	11.2	15.6	13.8	90	40	80	70	6.3	5.7	—	—	—	—	—	—	—	—	—	—	2.8	1.0	1	16	1	14	1	
31	18.4	24.9	18.8	20.2	26.3	16.1	15.7	14.6	14.0	14.6	14.4	93	60	90	81	7.0	2.5	—	—	—	—	—	—	—	—	—	1.3	1.9	0.2	1	10	1	10	1	
Med.	17.0	25.8	19.4	20.4	27.4	15.8	14.8	13.9	11.8	14.2	13.3	96	48	85	76	6.3	5.3	5.7	1.9	0.2	7.0	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total 216.2 mm.

DATOS DIARIOS

Días	TEMPERATURAS				TENSION DEL VAPOR				Humedad Relativa				NUBESIDAD		Brillo solar		PRECIPITACION			VIENTOS										
	7	14	20	Med.	Max.	Min.	Nímina	Soleo	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA	
																														Evaporacion	7	14	20	DIRECCION	FUERZA	DIRECCION	FUERZA
1	17.9	25.6	20.0	20.9	26.0	16.9	15.5	14.8	13.4	15.9	14.7	97	54	91	81	8.7	1.8	—	—	0.1	0.2	1.5	06	1	08	1	02	1		
2	17.9	18.4	18.0	18.1	25.0	17.1	16.4	15.1	14.4	13.8	14.4	99	91	90	91	8.0	1.4	0.1	—	18.1	22.1	1.2	02	1	06	1	02	1		
3	16.4	26.3	19.9	20.6	28.8	15.8	14.4	13.1	10.2	14.8	12.7	93	40	86	73	4.3	6.2	3.8	—	—	—	1.8	02	1	04	1	02	1		
4	17.2	25.0	19.8	20.4	27.9	16.8	15.9	14.8	10.8	16.2	13.9	100	46	94	80	8.0	5.1	0.8	—	—	6.8	1.7	06	1	02	1	02	1		
5	18.2	25.2	18.5	20.1	26.2	16.8	16.2	13.1	12.1	14.2	13.8	96	50	89	78	6.2	3.3	21.9	0.7	—	—	20.6	1.3	02	1	06	1	02	1	
6	17.8	27.5	20.5	19.5	24.3	16.8	16.0	14.4	14.7	15.7	14.9	98	70	95	88	8.7	1.4	—	—	—	—	1.4	1.0	14	1	02	1	10	1	
7	16.8	27.5	20.5	21.3	28.2	16.0	15.0	12.0	9.9	12.8	11.6	83	36	71	63	4.7	8.8	—	—	—	—	—	2.2	02	1	10	1	02	1	
8	17.7	27.1	18.1	20.2	28.4	16.3	15.1	14.4	10.7	13.4	12.8	94	40	86	73	5.0	7.9	19.7	—	—	—	6.4	6.4	14	1	10	1	02	1	
9	19.6	27.9	21.8	22.8	28.0	16.5	15.0	14.5	11.1	14.7	13.4	85	40	75	67	6.0	8.3	—	—	—	—	—	2.8	04	1	02	1	06	1	
10	18.0	25.4	20.8	21.2	28.5	16.0	15.3	13.4	13.8	15.8	13.3	87	57	86	77	4.3	6.1	—	—	—	—	—	—	0.2	1	06	1	06	1	
11	18.0	25.0	19.8	20.6	27.6	17.0	15.3	14.0	12.6	14.8	13.8	91	53	86	77	5.7	4.5	—	—	—	—	—	—	2.0	06	1	06	1	06	1
12	17.7	28.5	20.5	21.8	30.6	16.7	15.3	14.6	10.4	12.8	12.6	95	36	71	67	4.0	9.7	—	—	—	—	—	—	3.2	06	1	14	1	06	1
13	17.3	28.0	21.6	22.1	30.4	14.8	12.5	11.8	9.4	11.6	10.9	80	33	60	58	3.0	10.6	—	—	—	—	—	—	—	—	—	—	—	—	—
14	18.3	26.2	20.0	21.1	26.8	16.5	14.6	15.1	13.1	15.0	14.4	96	51	86	78	6.3	2.3	—	—	—	—	—	—	—	—	—	—	—	—	—
15	17.0	26.1	20.2	20.9	27.2	15.6	14.4	14.0	12.7	14.4	13.7	96	50	81	76	6.7	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—
16	19.4	28.6	21.1	22.6	29.4	16.9	15.2	15.6	10.0	11.3	12.3	93	34	60	62	6.7	7.7	0.7	—	—	—	—	—	—	—	—	—	—	—	—
17	18.0	26.0	19.6	20.8	27.0	16.0	15.4	15.6	12.7	15.7	14.7	100	50	92	81	7.7	1.7	1.1	—	—	—	—	—	—	—	—	—	—	—	—
18	17.6	25.0	20.0	20.6	26.0	16.7	15.4	14.8	11.9	14.9	13.9	98	50	85	78	7.7	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—
19	17.4	27.7	21.2	21.3	28.5	16.7	15.5	14.2	11.1	15.3	13.5	96	40	81	72	6.0	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—
20	18.1	26.9	20.3	21.5	28.0	16.7	15.5	14.7	10.5	13.0	12.7	95	40	72	69	7.3	3.9	2.8	—	—	—	—	—	—	—	—	—	—	—	—
21	17.8	26.4	19.5	20.8	27.8	16.9	15.4	13.8	13.0	12.2	13.0	91	50	72	71	5.0	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—
22	18.1	28.8	20.6	22.0	29.9	15.5	13.9	13.8	10.1	14.5	12.8	90	34	80	68	4.0	9.3	—	—	—	—	—	—	—	—	—	—	—	—	—
23	18.4	29.4	20.0	22.0	29.9	16.3	15.6	15.9	9.3	14.1	12.9	96	30	80	69	6.3	7.2	—	—	—	—	—	—	—	—	—	—	—	—	—
24	17.4	26.8	20.4	21.2	28.0	16.7	15.8	14.4	11.8	14.5	13.6	97	44	80	74	4.3	5.7	16.1	—	—	—	—	—	—	—	—	—	—	—	—
25	18.4	26.6	19.4	20.0	27.0	17.1	16.0	15.2	15.8	15.8	15.0	95	60	96	84	7.7	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—
26	17.0	23.2	18.7	19.4	25.8	15.5	14.4	14.3	12.8	13.4	13.4	97	60	82	80	7.0	3.8	—	—	—	—	—	—	—	—	—	—	—	—	—
27	16.3	18.6	17.8	17.6	20.1	15.9	15.3	13.7	14.4	15.1	14.4	99	90	99	96	9.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	14.6	24.7	19.9	19.8	26.9	13.0	11.5	11.7	12.1	13.5	12.5	94	52	78	75	5.0	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—
29	17.8	22.9	18.8	19.6	26.9	15.5	14.0	13.7	12.5	13.7	13.3	90	60	85	78	7.3	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—
30	16.8	24.8	18.8	19.8	26.5	16.0	15.2	14.1	14.0	13.7	13.9	98	61	85	81	8.7	4.1	3.5	—	—	—	—	—	—	—	—	—	—	—	—
31	16.8	24.4	18.8	19.7	25.0	16.0	15.4	13.6	12.6	15.5	13.9	95	55	95	82	6.3	1.9	0.2	—	—	—	—	—	—	—	—	—	—	—	—
Med	17.6	25.7	19.7	20.7	27.3	16.2	15.0	14.2	12.1	14.2	13.5	94	50	83	76	6.3	5.0	3.6	0.6	1.4	5.6	2.0	—	—	—	—	—	—	—	—

Precipitación total : 173.3 mm.

DATOS DIARIOS

Estación Baranjesi Mes Septiembre Año 1968 $\phi = 4^{\circ} 57' N$ $\lambda = 75^{\circ} 41' W.G.R.$ Altura 1.400 M.

Días	TEMPERATURAS						TENSION DEL VAPOR						Humedad Relativa %				PRECIPITACION				VIENTOS																				
	°C			°F			m m			m m			mm		mm		mm		mm		mm		mm		mm		mm		mm		mm										
	7	14	20	Med.	Máx.	Mín.	Húmeda	Seño	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	DIRECCION	FUERZA	7	14	20	DIRECCION	FUERZA							
1	16.4	25.4	19.6	20.2	25.9	15.6	14.0	13.4	12.3	16.3	14.0	96	52	95	81	7.3	1.5	—	—	—	—	—	—	0.6	14.9	1.1	02	1	02	1	02	1	02	1							
2	17.8	20.5	16.6	17.8	22.2	16.9	16.1	14.2	13.8	13.2	13.7	96	82	93	90	10.0	—	—	—	—	—	—	—	11.6	—	11.6	0.7	02	1	10	1	02	1	02	1						
3	15.9	27.5	19.0	20.4	28.0	15.0	14.1	13.1	10.5	14.8	12.8	97	38	90	75	5.7	6.3	—	—	—	—	—	—	—	—	17.8	1.9	06	1	14	1	10	1	10	1						
4	15.9	24.9	17.8	19.1	26.3	15.2	14.5	13.2	9.4	14.6	12.4	98	40	95	78	9.3	4.4	—	—	—	—	—	—	—	—	2.6	1.4	06	1	02	1	02	1	02	1						
5	17.8	23.2	18.4	19.4	26.3	14.0	12.5	14.6	15.3	14.2	14.7	95	71	90	85	4.3	6.1	—	—	—	—	—	—	—	—	0.8	1.6	06	1	08	2	02	1	02	1						
6	17.1	20.4	18.0	21.3	14.2	12.2	13.2	13.9	13.7	13.6	90	77	82	83	6.0	7.6	—	—	—	—	—	—	—	—	—	—	2.1	06	1	16	1	02	1	02	1						
7	17.0	28.3	18.2	20.4	29.0	15.5	13.4	13.7	11.3	15.1	13.4	94	38	96	76	4.7	6.2	—	—	—	—	—	—	—	—	—	2.9	2.9	2.0	06	1	02	1	02	1						
8	17.3	23.3	18.6	19.4	24.4	15.5	14.3	14.1	13.8	15.3	14.4	96	85	95	85	5.7	0.2	—	—	—	—	—	—	—	—	—	9.2	0.2	1.1	02	1	10	1	02	1						
9	17.6	26.2	17.0	19.4	26.9	17.0	16.1	14.6	11.5	13.8	13.3	97	45	90	77	7.3	3.9	—	—	—	—	—	—	—	—	—	0.1	0.9	1.0	1.6	02	1	06	1	02	1					
10	17.5	28.7	19.2	21.2	29.3	15.7	14.6	13.4	12.1	14.8	13.4	90	40	88	73	6.3	6.8	—	—	—	—	—	—	—	—	—	0.3	8.7	2.5	06	1	14	1	02	1						
11	16.8	24.7	19.8	20.6	26.4	17.3	16.3	15.4	14.0	15.6	15.0	100	61	90	84	6.7	3.4	—	—	—	—	—	—	—	—	—	8.4	1.2	—	55.9	1.4	02	1	14	1	02	1				
12	17.3	21.6	18.8	15.1	26.8	15.5	13.9	12.7	15.1	14.6	14.1	86	78	90	85	8.0	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	0.6	—	2.0	00	0	14	1	02	1		
13	15.8	28.0	20.0	21.0	29.0	15.8	14.6	13.5	11.3	14.1	13.0	100	40	80	73	4.0	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.8	1.0	1	06	1	02	1	
14	18.8	24.0	20.2	20.8	26.8	17.6	16.8	16.1	11.2	15.9	14.5	100	50	90	80	6.0	4.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.0	1.2	1	04	1	02	1	
15	17.6	26.2	19.7	20.8	27.4	15.5	14.0	14.4	10.2	14.7	13.1	95	40	85	73	9.0	3.2	—	—	—	—	—	—	—	—	—	—	0.4	26.0	1.9	06	1	04	1	02	1	02	1			
16	15.9	23.4	18.0	18.8	26.0	14.8	14.0	13.2	12.5	13.6	13.2	98	60	88	82	7.0	3.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	18.1	26.6	20.0	21.2	27.0	15.8	14.9	14.7	10.3	14.9	13.3	95	40	95	73	6.7	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	17.6	24.4	17.9	19.4	26.5	16.6	15.5	15.2	13.4	13.8	14.1	100	58	91	83	7.0	7.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	17.6	23.9	19.3	20.6	28.0	14.7	12.6	13.0	11.4	13.3	12.6	85	46	80	70	7.0	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	18.0	23.0	19.0	19.8	26.0	16.8	14.4	14.0	13.2	14.1	13.8	91	64	88	80	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	17.1	25.8	19.0	20.2	26.9	15.7	15.0	13.8	11.2	14.8	13.3	95	45	90	77	7.7	2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	17.1	26.8	19.3	20.8	28.8	16.0	14.8	14.7	11.2	14.5	14.1	96	48	86	77	6.0	6.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	17.3	27.3	20.2	21.4	29.2	16.1	13.5	13.2	11.1	15.2	13.2	90	40	86	72	6.0	6.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	18.4	27.6	17.4	20.2	29.1	15.5	14.5	13.9	12.8	14.2	13.6	88	46	95	76	6.3	7.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	17.7	24.9	19.4	20.4	26.9	16.6	13.5	13.8	15.2	15.2	14.7	91	85	90	82	6.3	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	17.0	26.5	19.1	19.6	25.5	14.5	13.7	10.5	13.2	12.4	12.4	94	40	80	77	7.7	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	17.8	23.4	18.0	19.6	25.0	15.6	14.6	15.4	12.0	15.3	14.2	100	55	95	83	3.0	3.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	16.6	26.0	19.1	20.1	27.5	15.9	15.0	14.1	11.2	13.1	13.5	100	52	78	77	5.7	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	16.8	24.9	19.2	20.0	25.3	16.3	14.9	14.4	14.7	16.1	15.1	100	63	96	86	8.7	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
30	17.2	25.2	18.8	20.0	27.0	15.7	14.5	14.0	12.4	14.5	13.6	95	53	89	79	6.7	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Med.	17.2	25.2	18.8	20.0	27.0	15.7	14.5	14.0	12.4	14.5	13.6	95	53	89	79	6.7	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total : 269.6 mm.

DATOS DIARIOS

Estación Mariscal Mes Octubre Año 1968 $\phi = 4^{\circ} 57' N$ $\lambda = 75^{\circ} 41' WGR$ Altura 1.400 M.

Días	TEMPERATURAS $^{\circ}C$						TENSIÓN DEL VAPOR mm						Humedad Relativa %			Brillo Solar Horas			PRECIPITACION mm			EVAPORACION mm			VIENTOS											
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20		7		14		20	
	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	7	14	20	7	14	20	7	14	20	7	14	20	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA						
1	17.8	26.2	18.8	20.4	26.7	16.2	19.5	14.7	12.8	15.5	14.3	96	50	97	80	7.3	3.1	13.6	--	2.5	1.9	0.2	1	0.2	2											
2	18.1	26.6	20.5	21.4	27.1	17.0	16.1	15.2	10.4	16.7	14.1	98	40	93	77	8.0	4.3	2.5	0.1	--	1.8	0.4	1	0.2	1	0.2	1									
3	19.6	27.6	19.4	23.8	28.4	17.7	16.5	15.8	12.5	15.1	14.5	93	45	93	76	5.7	4.7	1.5	--	8.3	1.6	0.4	1	1.6	1	0.2	1									
4	18.0	25.3	19.4	20.5	26.9	17.0	16.0	14.5	14.9	14.7	14.7	93	62	88	81	6.0	4.4	1.3	0.6	1.0	25.5	1.7	1.6	1	0.2	1	0.6	1								
5	17.8	25.8	17.8	19.0	24.9	17.0	16.3	15.4	14.7	14.9	14.9	70	96	89	86	6.0	4.4	23.9	--	--	--	--	--	--	--	1.6	1	0.2	1							
6	16.4	25.0	18.2	19.5	26.2	14.8	13.5	13.1	11.4	13.4	13.4	95	48	98	89	5.0	5.5	--	--	1.4	1.4	0.6	1	1.2	1	0.2	1									
7	16.3	26.5	20.1	20.8	24.0	14.0	12.7	13.1	10.3	13.3	13.3	95	40	90	75	5.7	6.1	--	--	0.1	43.9	2.1	0.6	1	1.4	1	0.2	1								
8	17.5	18.6	17.8	17.9	24.0	15.7	15.1	15.2	14.6	15.0	10.0	94	95	96	9.7	1.6	43.8	4.9	2.8	7.7	0.9	0.0	0	0.6	1	0.2	1									
9	16.2	24.8	18.0	19.4	26.9	16.4	15.5	14.4	12.2	12.4	13.0	90	80	77	7.7	2.2	--	--	--	--	22.8	1.4	0.2	1	0.2	1	0.2	1								
10	16.7	26.4	19.0	20.3	27.3	15.6	14.7	14.4	10.8	15.2	13.5	100	42	91	78	5.0	5.6	23.8	--	--	--	--	--	1.7	0.2	1	1.4	1	0.2	1						
11	17.9	23.9	18.4	19.7	27.2	15.7	13.6	13.7	13.7	14.2	13.9	90	62	90	81	7.3	3.0	--	--	--	--	--	--	1.7	0.4	1	1.0	1	0.6	1						
12	16.2	23.8	18.6	19.5	27.2	15.9	14.0	13.8	13.1	14.4	13.8	96	60	90	82	4.0	5.9	--	--	0.2	66.3	1.6	1.2	1	1.8	1	0.4	1								
13	17.0	23.0	18.6	19.0	23.9	16.2	15.6	14.6	12.3	14.1	13.7	100	68	88	83	6.0	2.6	66.1	2.2	--	2.2	1.2	0.6	1	0.4	1	0.2	1								
14	18.5	28.0	18.6	20.9	28.5	15.6	15.0	13.9	11.3	14.4	13.2	87	40	90	72	4.0	7.3	--	--	1.7	15.5	1.7	0.4	1	1.4	1	1.0	1								
15	16.2	22.4	17.6	18.6	23.6	16.0	15.2	14.4	14.3	14.5	14.4	100	70	96	89	10.0	9.1	13.8	8.5	--	8.5	1.0	0.2	2	0.2	1	0.2	1								
16	19.9	24.0	19.7	20.9	25.9	14.4	13.5	12.9	14.4	15.2	14.2	96	68	93	84	5.7	5.2	--	--	0.6	7.5	1.9	0.6	1	0.2	1	0.2	1								
17	18.0	26.4	20.2	21.2	28.0	16.5	15.8	15.6	15.1	14.6	15.3	100	60	83	81	6.7	4.6	6.9	0.1	--	10.1	1.5	0.2	1	1.6	1	1.0	1								
18	16.1	26.6	19.6	20.5	28.3	14.9	14.3	13.7	13.9	15.5	14.4	100	90	91	80	4.7	5.1	19.0	--	--	22.0	1.2	0.4	1	1.0	1	0.2	1								
19	17.8	23.0	18.4	19.4	26.2	16.9	16.0	14.4	12.6	15.1	14.0	94	60	95	83	10.0	0.3	22.0	0.3	0.4	18.6	1.2	0.2	1	0.2	1	1.0	1								
20	16.6	21.0	18.6	18.7	24.0	16.3	15.1	13.6	13.5	14.8	14.0	96	72	93	87	6.7	0.9	2.9	0.8	--	0.3	1.2	0.4	1	1.0	1	0.2	1								
21	16.0	27.1	18.0	19.8	27.9	13.5	12.9	12.4	10.7	12.9	12.0	91	40	83	71	6.0	6.8	--	--	--	3.3	2.0	0.6	1	1.2	1	0.2	1								
22	17.1	26.2	17.8	19.1	23.9	16.0	15.5	14.2	13.4	14.0	13.2	98	52	91	81	8.0	1.0	3.1	--	--	--	--	1.4	0.4	1	0.0	0	0.2	1							
23	18.1	20.1	20.6	21.9	29.0	15.5	14.0	14.9	11.3	15.3	13.8	96	40	85	74	6.7	6.9	--	--	--	23.1	1.3	0.2	1	1.0	1	0.2	1								
24	17.0	24.8	19.9	20.6	26.5	15.5	14.5	14.2	13.5	15.6	14.4	97	54	90	80	6.3	3.7	23.1	--	--	6.7	1.8	0.2	1	1.0	1	0.2	1								
25	18.3	27.5	17.2	20.0	28.3	16.7	16.1	15.0	11.7	14.0	13.6	96	43	95	78	8.3	7.1	6.7	--	--	7.6	2.6	2.0	0.0	1.4	1	0.2	1								
26	17.8	21.8	17.9	18.8	26.0	16.4	15.0	14.7	12.0	13.8	13.5	96	61	91	83	10.0	0.5	18.9	2.0	0.6	2.6	1.0	0.6	1	0.2	1	0.6	1								
27	17.8	24.6	17.4	18.2	24.9	14.7	14.0	14.0	11.7	13.6	13.1	95	50	91	79	4.3	2.1	7.7	7.7	1.4	11.6	1.2	0.6	1	0.6	1	0.2	1								
28	16.2	20.9	18.4	18.5	29.0	14.6	13.4	13.1	15.5	15.1	14.6	95	85	95	92	7.7	4.5	--	--	1.0	1.7	11.6	1.2	0.6	1	0.6	1	0.2	1							
29	16.8	21.4	17.0	18.1	24.0	15.1	14.0	14.1	15.3	14.1	14.5	97	80	92	80	8.3	1.3	8.9	0.7	--	0.7	0.8	0.0	0	1.4	1	0.2	1								
30	17.4	23.1	18.6	20.5	26.6	14.5	13.4	12.6	13.0	14.2	12.6	85	46	83	71	5.1	4.6	--	--	--	10.1	1.4	0.6	1	1.4	1	0.2	1								
31	17.4	23.9	18.0	19.8	26.9	16.6	15.5	14.0	13.3	14.2	14.1	96	53	92	80	6.3	3.6	10.1	--	--	--	--	--	1.6	0.2	1	1.4	1	0.2	1						
Med.	17.3	24.6	18.7	19.8	26.4	15.8	14.8	14.2	12.8	14.7	13.9	96	56	91	81	6.7	3.9	10.3	0.7	1.4	11.9	1.5	--	--	--	--	--	--	--	--						

Precipitación total : 367.5 mm.

DATOS DIARIOS

Estación Paranal Mes Noviembre Año 1968 $\phi = 40^{\circ} 51' N$ $\lambda = 75^{\circ} 41' WGR$ Altura 1.400 M.

Días	TEMPERATURAS °C					TENSION DEL VAPOR mm					Humedad Relativa %					NEUBOSIDAD HORAS			PRECIPITACION mm			EVAPORACION mm			VIENTOS					
	7	14	20	Med.	Máx.	Min.	Mínima Sueto	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	DIREC. FuERZA Km. Hora	DIREC. FuERZA Km. Hora	DIREC. FuERZA Km. Hora	DIREC. FuERZA Km. Hora				
	7	14	20	Med.	Máx.	Min.	Mínima Sueto	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	DIREC. FuERZA Km. Hora	DIREC. FuERZA Km. Hora	DIREC. FuERZA Km. Hora	DIREC. FuERZA Km. Hora				
1	16.8	26.8	12.3	20.0	27.0	15.2	14.3	12.0	11.0	12.6	11.9	83	42	81	69	3.0	6.5	--	--	--	--	1.8	0.2	1	11	1	0.2	1		
2	16.4	27.6	19.8	20.9	29.4	15.9	14.4	12.6	11.1	13.2	13.2	90	40	76	68	1.7	6.7	--	--	--	--	2.8	0.2	1	04	1	0.1	1		
3	16.6	28.0	19.4	20.8	29.3	16.3	14.5	13.1	11.6	14.4	13.1	94	41	86	74	3.0	7.9	--	--	--	--	3.1	0.6	1	11	1	1.0	1		
4	18.2	25.2	19.6	20.8	26.8	16.1	14.5	11.6	12.0	14.5	13.7	87	48	86	74	8.2	3.1	--	0.1	6.7	--	1.1	0.6	1	0.2	1	0.8	1		
5	18.0	26.2	18.1	20.1	26.8	17.7	17.0	14.9	12.4	12.1	13.1	96	48	77	74	6.0	5.4	2.6	--	--	--	--	1.6	0.2	1	14	1	0.2	1	
6	18.0	25.6	18.6	20.2	27.4	16.0	14.6	13.6	14.7	12.9	13.7	88	60	80	76	5.7	1.9	--	--	--	--	--	3.2	0.6	1	0.6	1	1.2	1	
7	17.6	25.2	19.3	20.4	25.8	15.4	14.2	13.2	12.1	14.2	13.2	89	50	86	75	7.3	2.7	--	--	--	--	--	1.8	0.6	1	0.2	1	0.6	1	
8	17.9	21.5	18.4	19.0	24.0	16.0	15.1	14.7	17.0	14.6	15.4	96	68	93	92	8.0	1.7	--	4.0	--	--	4.1	1.2	0.6	1	04	1	0.2	1	
9	17.0	23.2	17.9	19.0	24.9	16.3	14.7	13.7	13.4	14.6	13.9	94	61	95	84	5.7	1.5	0.1	2.0	2.8	4.9	1.2	0.2	1	04	1	0.6	1		
10	16.3	25.0	17.0	19.2	25.9	15.3	14.6	13.3	10.8	13.7	12.6	96	46	90	77	4.7	1.5	0.1	--	0.1	0.1	1.2	0.6	1	10	1	0.2	1		
11	17.0	26.2	18.4	20.0	26.5	15.4	14.4	14.1	12.8	13.7	13.5	97	50	86	78	5.0	6.0	--	--	--	29.3	2.2	0.6	1	0.2	1	0.6	1		
12	17.6	24.9	17.5	19.4	25.3	15.9	15.2	14.5	13.2	14.3	14.0	96	56	95	82	9.0	3.3	29.3	--	9.2	9.6	1.5	0.0	0	0.6	1	0.2	1		
13	16.8	24.6	17.1	18.9	25.2	15.0	14.1	13.6	11.1	14.6	13.1	95	48	95	79	5.3	4.3	0.4	--	1.7	1.8	1.4	0.2	1	0.2	1	0.2	1		
14	17.0	23.6	17.4	19.3	23.3	14.3	14.0	12.5	11.0	13.9	12.5	98	56	96	82	8.0	0.9	0.1	--	5.1	30.7	1.1	0.2	1	14	1	0.6	1		
15	15.1	21.8	17.4	17.9	23.3	14.3	14.0	12.5	11.0	13.9	12.5	98	56	93	82	7.7	0.9	33.6	--	--	--	1.2	0.6	1	14	1	0.4	1		
16	16.8	24.8	19.1	20.0	25.5	14.6	13.7	13.6	11.8	12.2	12.5	95	50	74	73	5.0	1.5	--	--	--	--	--	1.0	0.6	1	0.2	1	0.8	1	
17	16.8	25.0	17.6	19.2	23.3	12.0	13.3	12.0	10.8	11.6	12.4	90	46	91	76	6.7	6.6	--	--	6.0	6.0	1.3	0.2	1	0.6	1	0.2	1		
18	17.5	26.0	19.4	20.6	27.0	15.7	14.3	14.4	10.0	14.4	12.9	96	40	86	74	7.7	1.5	--	--	--	8.9	1.0	0.6	1	0.2	1	0.2	1		
19	17.0	26.0	18.4	20.0	26.8	16.4	15.6	14.2	11.2	14.2	13.2	98	44	90	77	8.1	5.5	2.9	--	1.3	6.0	1.3	0.2	1	14	1	1.4	1		
20	17.1	23.0	17.4	19.7	25.8	16.0	15.4	13.7	11.7	13.3	13.8	96	54	90	80	7.3	2.5	4.7	--	2.9	3.3	1.0	0.2	1	0.2	1	0.6	1		
21	16.1	19.4	17.7	18.7	25.0	14.4	13.2	13.1	14.6	13.8	13.8	96	87	91	91	7.0	5.1	--	--	1.9	34.6	1.0	0.6	1	0.6	1	0.2	1		
22	17.0	24.4	18.8	19.8	25.3	14.8	14.0	13.1	11.5	15.5	13.6	90	50	95	78	6.7	2.8	14.8	--	0.7	0.7	1.3	0.6	1	14	1	0.2	1		
23	17.6	22.0	18.8	19.3	24.0	14.8	14.0	13.6	11.1	12.5	13.5	91	50	95	79	8.0	0.7	--	0.8	13.1	1.0	1.4	1	0.6	1	0.2	1			
24	16.0	22.8	16.8	18.1	24.0	13.7	14.0	13.1	9.8	15.5	13.0	96	60	91	83	7.0	0.1	18.9	--	0.8	30.8	1.1	0.2	1	0.4	1	0.2	1		
25	15.4	25.3	17.0	18.7	25.7	14.4	13.6	12.9	11.0	11.6	11.8	98	46	80	75	5.3	6.4	21.7	--	--	--	1.9	0.0	0	14	1	0.2	1		
26	17.0	26.4	17.7	19.7	26.7	14.8	14.0	13.1	12.5	13.4	13.0	96	60	91	83	7.0	0.1	--	--	--	--	2.2	0.2	1	14	1	0.2	1		
27	17.0	25.4	18.6	19.9	26.3	13.8	15.0	13.1	10.2	12.1	11.2	98	45	75	73	7.0	4.5	22.6	--	--	--	1.2	0.2	1	14	2	0.6	1		
28	16.0	25.8	18.8	19.8	26.0	14.8	14.0	13.4	12.4	14.6	13.3	98	48	90	79	4.7	5.3	7.2	--	--	--	1.7	1.6	0.6	1	14	1	0.2	1	
29	17.0	21.8	18.1	19.8	26.4	16.3	15.5	14.0	11.2	13.8	13.0	96	45	90	77	6.0	7.1	1.7	0.1	--	0.1	--	0.1	1.4	0.2	1	14	1	0.2	1
30	17.0	23.1	17.8	18.9	25.1	16.7	16.0	13.1	12.6	14.6	13.4	90	60	95	82	7.3	1.5	0.2	5.0	0.5	11.7	1.3	0.6	1	10	1	0.2	1		
31																														
Med.	16.9	24.7	18.2	19.5	25.9	15.5	14.5	13.5	11.9	13.8	13.1	94	52	88	78	6.3	4.2	5.2	1.1	3.4	7.7	1.5	--	--	--	--	--	--		

DATOS DIARIOS

Estación Meranjal Año 1968 $\phi = 48^{\circ}57' N$ $\lambda = 75^{\circ}41' WGR$ Altura 1.600 M.

Table with columns: Días, TEMPERATURAS, TENSIÓN DEL VAPOUR, Humedad Relativa, NUBOSIDAD DECIMOS, Brillo Solar, PRECIPITACION, EVAPORACION, VIENTOS. Includes sub-columns for 7, 14, 20, Med., and Total values for each category.

Precipitación total 124.9 mm

RESUMEN MENSUAL Y ANUAL

ESTACION: Mariscal

AÑO: 1968

MES	PRESION ATMOSFERICA SOBRE 800 MM. HR.			TEMPERATURA OC		TEMPERATURAS EXTREMAS OC						HUMEDAD RELATIVA %		TENSION DEL VAPOR MM. HG.			NIVELADO MEDIA EN DECIMOS		BRILLO SOLAR HORAS		EVAPORACION MM.		PRECIPITACION						
	MAXIMA	MINIMA	DA	7	14	20	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	SUBO	7	14	20	MAXIMA	MINIMA	ABSOLUTA	ABSOLUTA	ABSOLUTA	ABSOLUTA	ABSOLUTA	7	14	20	SUMA	MAXIMA	DIAS LLUVIOSOS	
ENERO	16.0	86.2	19.1	20.1	27.3	15.3	29.4	20	12.6	4	13.8	94	43	79	72	28	15.0	7.7	12.3	5.6	6.7	2.8	83.8	17.5	2.3	108.2	11	33.9	24
FEBRERO	16.7	26.0	19.6	20.5	27.4	16.0	30.5	14	12.4	24	14.7	95	44	81	74	34	16.4	9.0	12.8	6.7	5.3	1.8	233.0	9.8	35.8	275.7	17	72.8	26
MARZO	16.9	25.7	19.4	20.4	27.0	16.2	29.6	26	14.0	5	15.0	95	46	83	75	30	15.5	8.2	13.0	7.0	3.9	2.0	153.8	1.7	4.1	191.5	19	33.6	31
ABRIL	17.4	25.1	19.3	20.2	26.9	16.5	29.9	5	14.7	26	15.3	95	54	87	79	34	16.2	9.2	13.8	7.2	4.3	1.6	215.3	10.6	86.2	305.2	25	36.5	5
MAYO	17.4	24.5	18.5	19.7	26.3	15.3	29.8	12	13.2	9	14.3	93	57	87	79	40	16.2	10.3	13.5	6.8	4.4	1.7	137.9	27.5	31.0	189.6	23	48.0	12
JUNIO	17.0	24.3	18.8	19.7	26.1	15.6	29.0	11	13.7	6	14.6	95	58	91	81	40	16.6	10.0	13.8	6.7	4.5	1.6	166.4	30.9	22.0	224.9	23	32.9	5
JULIO	17.0	25.8	19.4	20.4	27.4	15.8	30.5	27	14.4	12	14.8	96	48	85	76	35	15.9	9.4	13.3	6.3	5.3	2.0	175.9	57.8	8.0	216.2	18	76.1	18
AGOSTO	17.6	25.7	19.7	20.7	27.3	16.2	30.6	12	13.0	28	15.0	94	50	83	76	30	16.2	9.3	13.5	6.3	5.0	2.0	111.2	19.9	42.2	173.3	19	28.7	4
SEPTIEMBRE	17.2	25.2	18.8	20.0	27.0	15.7	29.3	10	14.0	5	14.5	95	53	89	79	38	16.3	9.4	13.6	6.7	4.6	1.7	203.7	18.5	1.8	269.6	24	55.9	11
OCTUBRE	17.3	24.6	18.7	19.8	26.4	15.8	29.0	23	14.0	7	14.8	96	56	91	81	40	16.7	10.3	13.9	6.7	3.9	1.5	338.1	20.9	42.1	307.5	26	66.3	12
NOVIEMBRE	16.9	24.7	18.2	19.5	25.9	15.5	29.4	2	13.3	17	14.5	94	52	88	78	40	17.0	8.2	13.1	6.3	4.2	1.5	154.7	32.7	41.5	232.1	21	38.7	14
DECEMBRE	17.1	26.3	19.5	20.6	27.5	15.9	29.9	18	13.0	5	14.6	93	44	84	74	30	16.2	7.7	13.0	5.8	6.4	2.1	90.7	19.3	18.1	124.9	13	36.7	4
MEDIA ANUAL	17.0	25.3	19.1	20.1	26.9	15.8	29.7	—	13.5	—	14.6	94	50	86	77	35	16.2	9.0	13.3	6.5	4.9	1.8	170.4	22.2	30.6	223.2	23.9	46.7	—

PRECIPITACION TOTAL: 2.678.7

PRECIPITACION MAXIMA: 72.8-II -26

DIAS LLUVIOSOS: 239

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

ESTACION: H. A. R. A. N. J. A. I.

AÑO: 1.968

MESES	P R E C I P I T A C I O N														T O T A L				T E M P E R A T U R A					
	7 HORAS				14 HORAS				20 HORAS				Máx de:				Mínimo	Máximo	Mínimo	Máximo				
	Máx de:	01	10	200	500	Máx de:	01	100	200	500	Máx de:	01	10	25	50	100	200	500	Abajo de	Arriba de	Abajo de	Arriba de		
ENERO	(8	7	3	1	-	2	1	1	-	-	1	1	1	6	4	1	-	-	11	1	2	1	1	
FEBRERO	45	14	6	3	1	5	3	-	-	7	3	2	1	14	9	8	4	1	7	6	4	5	5	
MARZO	18	17	6	2	-	1	1	-	-	5	2	-	-	19	19	14	10	7	2	8	3	4	2	
ABRIL	16	14	10	4	-	9	3	-	-	16	13	2	1	20	18	12	5	-	1	5	4	2	4	
MAYO	16	12	4	2	-	9	6	1	-	16	8	1	-	23	19	14	11	6	2	13	1	9	1	
JUNIO	16	14	7	3	-	15	4	1	-	11	5	-	-	23	18	17	11	8	5	9	1	9	1	
JULIO	16	9	5	2	1	10	5	1	1	7	2	-	-	18	12	10	9	6	3	5	2	3	8	
AGOSTO	15	11	4	1	-	5	2	1	-	9	4	1	-	19	16	13	10	7	2	2	3	4	5	
SEPTRE.	10	10	8	5	1	9	5	1	-	17	7	1	-	24	19	15	13	10	6	1	6	3	-3	4
OCTUBRE	19	19	11	6	-	11	5	-	-	26	24	21	18	12	12	7	1	1	8	4	10	1	1	
NOVRE.	17	11	6	4	-	6	4	-	-	21	18	16	11	7	5	2	-	10	1	8	2	2	2	
DIEMBRE.	11	9	4	1	-	4	2	1	-	3	1	1	1	9	8	7	5	2	8	6	3	6	6	
SUMA ANUAL	177	138	74	34	3	86	41	7	1	119	64	8	2	239	200	171	133	92	45	4	82	41	62	40

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	F R E C U E N C I A H O R A R I A D E L A P R E C I P I T A C I O N M A S D E 0.1 M M .																								TOTAL	
	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		24
ENERO	1	3	3	3	3	3	3	2	2	2	1	1	-	-	1	1	1	4	4	-	-	1	1	1	-	7
FEBRERO	4	7	9	5	4	4	4	2	2	3	1	-	-	-	2	1	1	4	4	2	2	5	5	5	16	16
MARZO	6	8	11	9	7	4	3	-	-	-	-	-	-	1	1	2	2	-	-	2	2	1	5	4	6	20
ABRIL	7	9	8	7	8	7	5	4	1	-	-	1	3	5	9	10	7	3	3	4	3	4	6	5	23	23
MAYO	5	8	8	7	5	5	6	2	2	1	1	2	4	8	7	5	5	1	2	4	3	3	3	3	3	24
JUNIO	5	9	8	8	9	7	5	5	2	2	3	2	9	8	5	3	2	5	6	3	4	6	4	4	4	26
JULIO	4	4	5	7	7	9	7	5	5	2	2	2	5	3	2	3	2	2	2	2	1	-	2	2	2	18
AGOSTO	4	5	8	6	6	3	3	4	4	1	1	1	2	3	3	3	2	3	3	3	2	5	4	5	19	
SEPTRE.	7	7	6	5	6	5	2	3	2	1	2	2	2	6	7	3	4	3	3	5	6	6	7	8	25	
OCTUBRE	8	12	12	11	11	11	8	6	6	2	1	1	1	4	7	3	3	4	4	4	4	5	6	7	28	
NOVRE.	5	7	5	5	3	2	1	1	-	-	1	2	3	4	4	4	7	5	4	6	8	7	8	5	22	
DIEMBRE.	5	4	4	4	4	4	3	2	-	1	1	1	1	1	1	1	1	2	1	1	2	1	2	2	15	
SUMA ANUAL	61	83	87	81	74	64	49	36	26	14	14	14	29	44	47	39	39	31	33	35	36	50	52	52	243	

FRECUENCIAS DE: NUBOSIDAD - BRILLO SOLAR - VIENTOS

AÑO: 1958

ESTACION: M. R. R. N. J. 1

MESES	NUBOSIDAD en DECIMOS		BRILLO SOLAR HORAS		Número de días con: VIENTOS																										
	MÁS de		MÁS de		7 HORAS							14 HORAS							20 HORAS												
	Más de 3.0	Más de 8.0	Más de 0.0	Más de 9.0	N	N	E	E	S	S	W	W	W	W	C	N	N	E	E	S	S	W	W	W	W	C					
ENERO	3	6	5	4	21	-	1	-	-	5	9	2	1	1	3	2	8	-	-	17	1	9	-	2	-	2					
FEBRERO	1	5	2	1	3	9	-	1	-	5	1	8	1	1	3	1	13	1	-	-	19	4	2	-	2	-					
MARZO	-	11	4	-	5	7	-	2	-	1	3	7	2	6	-	4	3	5	1	-	22	2	3	-	1	3					
ABRIL	-	11	5	2	10	3	12	-	-	4	1	8	2	6	1	4	3	5	-	-	19	2	3	-	5	1					
MAYO	-	10	4	2	13	4	9	-	-	3	3	5	5	9	1	3	1	3	1	-	20	3	7	-	1	-					
JUNIO	-	7	6	-	9	9	10	-	-	2	11	1	6	1	4	-	5	-	-	-	20	2	2	-	5	1					
JULIO	-	5	2	2	8	4	17	-	2	-	3	8	5	6	-	2	1	6	-	-	18	-	3	-	8	-					
AGOSTO	1	6	3	3	9	5	14	-	1	-	1	3	10	1	7	2	1	4	-	-	12	2	14	-	2	-					
SEPTIEMBRE	1	7	3	1	8	-	15	-	1	2	4	3	5	3	7	2	4	1	5	-	22	2	3	-	2	1					
OCTUBRE	-	8	4	-	1	11	7	8	-	1	3	2	8	1	5	-	5	3	6	1	-	22	2	4	-	3	-				
NOVIEMBRE	2	6	3	1	-	12	-	14	-	-	2	2	8	4	4	-	2	2	10	-	-	19	1	7	-	1	1				
DICIEMBRE	1	3	2	6	-	10	1	17	-	-	3	1	12	1	5	-	2	9	1	-	20	2	6	-	-	3					
SUMA ANUAL	9	85	38	24	4	122	45	147	-	4	7	3	28	27	99	27	63	8	34	20	79	6	-	240	23	63	-	32	9	9	-

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	8-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18		
ENERO	-	6	13	20	23	20	30	17	11	6	4	-	24	10	2	2	1	2	1	2	1	2	5	7	13	28
FEBRERO	-	1	6	15	14	12	6	12	9	4	1	-	28	15	7	4	2	3	5	4	6	6	6	12	28	
MARZO	-	2	7	10	14	4	3	4	5	3	-	-	30	20	8	6	5	8	18	11	12	12	18	29		
ABRIL	-	1	4	7	12	8	8	8	4	3	5	-	26	18	9	4	2	5	5	9	10	15	17	21		
MAYO	-	5	9	11	9	10	11	9	1	1	2	-	23	14	10	7	4	5	3	9	14	18	20	24		
JUNIO	-	1	4	8	10	7	7	9	9	6	6	-	27	20	12	7	5	6	8	7	7	10	15	19		
JULIO	-	3	6	13	15	10	5	7	4	3	3	-	24	16	9	3	3	3	4	3	8	6	11	21		
AGOSTO	-	4	10	14	12	11	6	6	5	3	1	-	26	12	4	3	5	6	4	5	6	8	11	19		
SEPTIEMBRE	-	4	7	14	10	10	9	6	4	5	2	-	25	17	8	5	5	6	6	10	11	16	26			
OCTUBRE	-	6	10	9	7	3	2	2	1	1	1	-	28	15	10	8	9	6	11	2	12	11	16	27		
NOVIEMBRE	-	1	4	9	9	10	8	8	7	3	3	-	28	19	11	5	4	2	6	6	13	16	23	25		
DICIEMBRE	-	3	9	12	16	17	16	19	14	11	5	-	24	10	4	2	2	2	2	3	5	9	7	22		
SUMA ANUAL	-	31	85	143	153	126	102	107	75	49	33	-	313	186	94	56	47	53	73	77	108	129	176	289		

RESUMEN DE ALGUNAS CARACTERISTICAS
DE LA PRECIPITACION

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MESES	TOTAL		No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA				DURACION MAXIMA					
	m. m.	Dias	Dia	Noche	Total	Noche	Dia	Noche	Total	m. m.	Durec.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h. min.	m. m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (vale).
Enero	100.6	9	3	8	52.1	48.5	6:15'	14:25'	20:40'	49.6	5:00'	0.16	4.5	0.9	5:00'	49.6	0.16	4.5	0.9
Febrero	275.7	17	14	26	43.9	231.8	9:50'	46:50'	56:40'	72.1	3:30'	0.34	9.9	2.0	7:15'	42.7	0.10	4.5	0.9
Marzo	191.5	19	7	34	5.8	185.7	5:30'	36:15'	41:45'	33.5	3:00'	0.19	5.4	1.1	5:05'	13.9	0.04	0.8	0.2
Abril	305.2	25	29	26	87.3	217.9	24:30'	54:50'	79:20'	36.5	4:40'	0.13	4.0	0.8	9:15'	14.0	0.02	0.7	0.2
Mayo	189.6	23	28	29	59.1	130.5	23:05'	35:30'	58:35'	41.2	2:55'	0.24	9.2	1.8	4:50'	19.9	0.07	3.0	0.6
Junio	224.9	23	33	22	51.3	173.6	24:10'	52:55'	77:05'	29.9	6:35'	0.08	2.7	0.5	13:20'	17.6	0.02	0.3	0.1
Julio	216.2	18	21	21	65.8	150.4	18:30'	28:45'	47:15'	74.3	3:00'	0.41	10.3	2.1	4:40'	5.0	0.02	0.3	0.1
Agosto	173.3	19	19	25	52.9	120.4	16:00'	35:00'	51:00'	22.0	6:15'	0.06	1.5	0.3	6:15'	22.0	0.06	1.5	0.3
Septbre.	269.6	24	22	25	48.6	221.0	21:45'	51:55'	73:40'	54.7	7:05'	0.13	5.6	1.1	7:05'	54.7	0.13	5.6	1.1
Octbre.	367.5	26	26	33	77.0	290.5	24:45'	64:40'	89:25'	68.2	7:40'	0.15	7.6	1.5	7:40'	68.2	0.15	7.6	1.5
Novbre.	232.1	21	20	28	62.6	169.5	19:30'	45:45'	65:15'	33.1	6:10'	0.09	3.2	0.6	6:25'	29.4	0.08	2.3	0.5
Dicbre.	124.9	13	7	14	37.4	87.5	8:15'	20:15'	28:30'	26.9	1:35'	0.28	6.0	1.2	4:15'	17.7	0.07	3.0	0.6
TOTALES	2671.1	237	229	291	643.8	2.027.3	202:05'	487:05'	689:10'	542.0	57:25'	XX	XX	XX	81:05'	354.7	XX	XX	XX

DATOS DIARIOS

Estacion Santiago de Chile

Mes Enero Año 1968

ϕ = 35° 04' N λ = 75° 41' W GR

Altura 1.150 M.

Días	TEMPERATURAS					TENSION DEL VAPOR					Humedad Relativa			Nubosidad			Brillo Solar			PRECIPITACION			EVAPORACION			VIENTOS										
	7	14	20	Med.	Máx. Min.	Mínima Solo	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA		
1	16.0	30.8	19.6	21.5	32.3	14.7	12.7	9.9	14.5	12.4	93	30	85	69																						
2	15.0	30.4	21.0	21.8	31.5	13.5	12.0	10.2	13.4	11.2	94	31	78	66																						
3	15.8	29.9	18.1	20.9	30.4	14.2	12.7	9.4	13.2	11.2	94	30	81	68																						
4	14.5	29.2	19.9	21.0	31.3	13.8	11.6	9.4	14.7	11.9	94	30	85	70																						
5	15.5	28.4	21.0	21.5	29.9	14.5	12.5	11.5	15.4	13.1	95	38	83	72																						
6	17.6	31.0	21.2	22.8	32.0	16.5	14.0	10.8	15.4	13.4	92	32	82	69																						
7	17.1	31.0	22.8	23.6	31.4	17.2	14.6	10.2	14.9	13.2	95	30	71	65																						
8	16.3	30.5	20.9	22.2	31.4	15.0	13.0	10.2	13.4	12.2	94	31	73	66																						
9	15.8	30.6	22.6	22.9	31.9	15.2	12.7	10.8	16.4	13.3	94	33	80	69																						
10	17.8	30.0	23.0	23.4	31.0	17.2	14.4	10.5	16.9	13.9	94	33	80	69																						
11	19.3	27.0	21.2	22.2	29.4	18.6	16.1	13.4	15.1	14.9	96	50	80	75																						
12	19.0	25.6	19.5	20.9	26.4	18.2	15.5	14.7	14.5	14.9	94	60	86	80																						
13	16.5	28.9	21.6	22.2	29.4	15.5	13.2	10.7	14.8	12.9	94	36	76	69																						
14	19.0	28.8	21.8	22.8	29.9	18.0	15.1	12.7	17.5	15.1	92	42	90	75																						
15	16.0	29.9	21.5	22.2	31.3	15.0	12.8	11.3	16.7	13.6	94	36	87	72																						
16	18.3	31.4	22.6	23.7	32.3	17.5	14.8	12.4	16.6	14.6	94	36	79	70																						
17	17.9	31.9	22.5	23.7	33.1	15.6	13.7	10.7	16.2	13.5	90	30	80	67																						
18	18.6	30.9	21.9	23.3	31.8	18.0	15.2	11.6	15.6	14.1	94	35	80	70																						
19	18.6	31.4	22.6	23.8	33.2	18.0	15.2	12.1	15.6	14.1	94	35	76	68																						
20	20.0	32.8	21.8	24.1	33.6	18.0	15.8	12.0	16.0	14.6	90	32	82	68																						
21	19.5	29.8	20.8	22.7	30.5	18.5	16.2	12.5	15.8	14.8	95	40	86	74																						
22	19.0	30.6	20.5	22.6	31.7	18.5	16.2	12.9	16.4	15.2	98	40	71	76																						
23	18.6	29.9	21.7	23.0	30.8	18.2	15.2	12.5	15.6	14.4	94	40	80	71																						
24	18.3	29.3	21.5	22.6	29.6	16.8	14.8	12.2	16.9	14.6	94	40	88	74																						
25	17.6	21.5	18.0	18.8	22.4	17.5	14.4	13.4	14.9	14.2	95	70	96	87																						
26	17.0	28.9	20.0	21.5	30.5	15.6	14.0	9.0	14.1	12.4	96	30	80	69																						
27	15.5	30.4	21.3	22.1	31.9	15.0	12.4	9.6	16.1	12.7	94	30	86	70																						
28	18.0	30.4	21.2	22.7	31.5	16.8	14.7	11.7	15.8	14.1	95	36	84	72																						
29	19.0	30.0	21.5	23.0	31.2	17.5	14.8	11.5	13.2	13.2	90	36	72	66																						
30	18.3	30.0	20.5	22.3	32.0	16.8	14.0	11.1	15.3	13.5	90	35	85	70																						
31	18.0	30.4	21.5	22.8	30.8	17.5	14.9	11.1	14.7	13.6	96	34	76	69																						
Med.	17.5	29.8	21.1	22.4	30.8	16.5	14.2	11.4	15.3	13.6	94	37	82	71																						

DATOS DIARIOS

Estación Santiago de los Caballeros Mes Marzo Año 1968 $\phi = 59^{\circ} 04' N$ $\lambda = 75^{\circ} 41' W.G.R.$ Altura 1.120 M.

Días	TEMPERATURAS						TENSION DEL VAPOR						Humedad Relativa						Brillo Solar HORAS	PRECIPITACION mm			EVAPORACION mm	VIENTOS					
	7		14		20		7		14		20		7		14		20			7		14		20					
	Med.	Máx.	Mín.	Med.	Máx.	Mín.	Med.	Máx.	Mín.	Med.	Máx.	Mín.	Med.	Máx.	Mín.	Med.	Máx.	Mín.		DIREC.	FUERZA	DIREC.		FUERZA	DIREC.	FUERZA			
1	18.0	27.5	20.0	21.4	28.8	17.3	16.4	14.9	13.4	15.8	14.7	96	48	90	78	8.9	3.3	—	—	—	—	—	—	—	—				
2	16.4	26.5	23.0	23.2	29.3	18.0	17.5	15.3	15.1	14.8	15.1	96	52	70	71	6.0	3.2	—	—	—	—	—	—	—	—				
3	18.0	26.8	20.5	21.4	28.4	17.7	17.0	14.9	13.5	17.0	15.0	96	51	74	80	6.3	10.7	—	—	—	—	—	—	—	—				
4	18.3	28.4	20.0	21.7	29.5	18.0	17.1	15.1	12.1	14.6	13.9	96	41	80	72	5.0	0.2	2.3	—	—	—	—	—	—	—				
5	14.4	29.0	20.6	21.1	30.2	14.1	12.6	11.8	8.5	13.8	11.4	96	26	76	66	9.3	—	—	—	—	—	—	—	—	—				
6	16.8	30.0	20.4	21.9	30.4	16.6	15.5	13.6	9.6	12.6	11.9	95	30	70	65	9.6	—	—	—	—	—	—	—	—	—				
7	17.1	29.8	21.0	22.2	29.8	16.5	14.5	13.2	10.8	12.5	12.2	90	34	68	64	6.9	—	—	—	—	—	—	—	—	—				
8	16.8	27.2	22.1	22.0	28.0	16.6	16.0	13.6	9.4	14.9	12.6	95	35	75	68	3.9	1.5	—	—	—	—	—	—	—	—				
9	18.2	27.3	21.4	22.1	28.0	18.0	17.1	14.8	11.0	14.9	13.6	94	40	78	71	7.5	—	—	—	—	—	—	—	—	—				
10	18.6	28.3	20.4	21.9	28.9	18.0	17.3	15.3	11.5	14.5	13.8	95	40	80	72	5.9	5.6	—	—	—	—	—	—	—	—				
11	17.5	27.3	19.6	20.9	27.8	17.3	16.4	14.5	11.9	14.4	13.6	96	44	85	75	6.9	10.6	—	—	—	—	—	—	—	—				
12	16.3	26.8	19.3	20.4	28.2	16.0	15.3	13.1	10.5	14.2	12.6	95	40	86	74	6.2	11.4	0.1	—	—	—	—	—	—	—				
13	15.0	29.1	22.0	22.0	30.3	14.2	13.4	12.3	12.1	11.0	11.8	96	40	55	64	9.0	—	—	—	—	—	—	—	—	—				
14	17.0	28.6	21.4	22.1	30.0	16.4	15.4	13.5	10.5	13.3	12.4	93	36	70	66	5.7	5.4	—	—	—	—	—	—	—	—				
15	16.8	27.0	21.0	22.4	28.0	16.4	15.2	13.8	12.2	14.9	13.6	96	45	80	74	5.9	23.8	0.1	1.7	32.0	—	—	—	—	—				
16	17.4	21.2	18.8	19.0	26.0	17.1	16.4	14.2	14.4	14.7	14.4	95	76	91	87	3.1	30.2	—	—	—	—	—	—	—	—				
17	17.6	26.3	20.0	21.0	27.0	17.1	16.6	14.4	10.0	14.1	12.8	95	38	80	71	2.0	0.1	—	—	—	—	—	—	—	—				
18	17.0	26.4	19.4	20.6	27.0	16.8	16.0	13.8	10.2	14.4	12.8	95	40	86	74	3.1	13.1	—	—	—	—	—	—	—	—				
19	17.7	28.4	20.0	21.5	29.4	16.8	16.0	14.3	10.2	15.0	13.2	95	35	86	72	6.0	2.8	—	—	—	—	—	—	—	—				
20	17.4	29.0	21.7	22.4	29.4	17.0	16.3	14.2	11.4	13.6	13.1	95	38	70	68	9.1	—	—	—	—	—	—	—	—	—				
21	19.3	29.2	22.0	23.1	30.4	18.7	18.0	15.6	10.5	15.5	13.9	94	35	78	69	8.0	0.3	—	—	—	—	—	—	—	—				
22	18.2	28.0	21.0	22.0	28.6	17.8	17.0	14.5	13.2	14.0	13.9	93	46	75	71	2.1	—	—	—	—	—	—	—	—	—				
23	16.4	30.0	22.1	22.6	31.4	16.0	15.4	13.2	9.6	14.8	12.5	94	30	74	66	9.2	—	—	—	—	—	—	—	—	—				
24	19.0	23.7	19.5	20.4	24.4	18.6	17.6	14.8	13.3	14.8	14.3	90	60	88	79	—	—	—	—	—	—	—	—	—	—				
25	18.0	28.0	22.5	22.8	30.0	17.3	16.5	14.7	10.3	15.5	13.5	95	36	76	69	6.8	—	—	—	—	—	—	—	—	—				
26	17.0	20.9	23.1	23.5	31.8	15.5	14.6	13.1	9.9	12.6	11.9	90	30	60	60	8.3	—	—	—	—	—	—	—	—	—				
27	18.8	30.0	23.1	23.8	31.2	18.2	17.2	14.6	11.1	14.8	13.5	90	35	70	65	6.1	—	—	—	—	—	—	—	—	—				
28	19.0	27.7	21.0	22.2	29.4	17.7	17.0	14.8	12.5	15.6	14.3	90	45	84	73	4.2	—	—	—	—	—	—	—	—	—				
29	18.8	25.6	19.5	20.8	27.9	18.4	17.5	14.6	13.7	13.7	14.5	90	56	90	79	3.2	—	—	—	—	—	—	—	—	—				
30	16.8	31.0	23.6	23.8	31.5	15.8	15.0	13.6	10.8	15.4	13.3	95	32	70	66	8.1	—	—	—	—	—	—	—	—	—				
31	18.8	30.5	22.8	23.7	31.9	17.9	17.0	15.3	11.5	16.7	14.5	93	35	80	67	6.5	—	—	—	—	—	—	—	—	—				
Med	17.6	28.0	21.0	21.9	29.1	17.0	16.2	14.2	11.4	14.5	13.4	94	41	78	71	6.1	3.9	0.1	0.1	—	—	—	—	—	—				

Precipitación total: 169.9 mm.

DATOS DIARIOS

Estación Santa Guadalupe

Mes Abril

Año 1968

$\phi = 9^{\circ} 04' N$ $\lambda = 75^{\circ} 41' WGR$

Altura 1,120 m.

Días	TEMPERATURAS °C					TENSIÓN DEL VAPOUR m.m.					Humedad Relativa %				Brillo Solar Horas	PRECIPITACION m.m.			EVAPORACION m.m.			VIENTOS									
	7	14	20	Med.	Máx. Min.	Mínima Suab.	7	14	20	Med.	7	14	20	Med.		7	14	20	Total	7	14	20	7	14	20	DIREC. CION	FUERZA Km./hora	DIREC. CION	FUERZA Km./hora	DIREC. CION	FUERZA Km./hora
1	18.5	28.5	22.2	22.8	29.4	17.4	16.5	11.8	16.5	14.5	95	40	82	72	4.2	45.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	18.0	29.5	21.2	22.5	31.4	17.8	16.6	14.9	13.8	15.1	14.6	96	44	80	73	6.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3	19.0	27.0	22.2	22.6	28.5	18.6	18.0	15.5	13.4	15.9	14.9	94	50	80	75	3.9	0.8	0.1	—	—	—	—	—	—	—	—	—	—	—	—	
4	20.0	28.0	20.2	21.8	28.6	19.4	19.0	16.4	14.8	15.9	15.7	94	56	90	80	2.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5	18.3	31.3	24.0	24.4	31.9	17.4	16.1	14.0	12.2	15.7	14.0	90	36	70	65	9.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6	19.4	28.1	22.0	22.9	29.4	19.1	18.3	15.5	14.3	16.1	15.4	93	50	82	75	7.2	1.8	0.1	—	—	—	—	—	—	—	—	—	—	—	—	
7	17.4	29.6	22.4	23.0	30.4	17.3	16.5	14.2	11.8	17.0	14.3	95	38	84	72	8.7	38.8	0.1	—	—	—	—	—	—	—	—	—	—	—	—	
8	19.0	27.2	20.9	22.0	28.6	18.6	18.2	15.9	13.0	15.8	14.9	96	46	86	76	5.2	8.0	9.3	—	—	—	—	—	—	—	—	—	—	—	—	
9	19.0	24.0	20.2	20.8	26.8	18.3	17.5	14.8	14.9	15.9	15.2	90	66	90	82	4.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	18.6	28.2	18.7	21.0	28.9	18.0	17.6	14.4	13.0	15.4	14.3	90	45	94	76	2.9	32.5	0.2	9.5	11.6	—	—	—	—	—	—	—	—	—	—	
11	18.6	24.4	17.6	19.6	26.6	17.8	17.0	14.8	13.7	14.5	14.3	93	60	96	83	2.7	1.9	0.3	6.3	44.5	—	—	—	—	—	—	—	—	—	—	
12	17.8	28.0	21.6	22.2	28.4	16.6	15.5	14.6	12.8	15.4	14.3	95	45	80	73	9.0	37.9	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	18.4	28.1	21.6	22.4	28.6	16.0	15.0	13.7	11.3	14.5	13.2	86	40	75	67	6.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	17.6	26.6	18.4	20.2	27.0	17.0	16.0	14.5	12.2	15.0	13.9	96	46	94	79	2.5	23.1	0.2	6.2	6.9	—	—	—	—	—	—	—	—	—	—	
15	17.0	28.4	21.3	22.0	29.6	16.3	15.5	14.0	11.7	15.1	13.6	96	40	80	72	7.3	1.1	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	17.6	27.8	20.2	21.4	29.2	17.3	16.6	14.4	11.1	14.3	13.3	95	40	80	72	7.3	1.1	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	18.3	30.2	20.4	22.3	31.5	17.6	16.4	13.3	9.4	13.7	12.1	85	28	76	63	9.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	18.6	29.8	21.4	21.8	28.4	17.8	17.0	13.8	12.5	13.3	13.2	86	50	70	69	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	17.6	29.8	20.5	22.1	31.4	15.4	14.6	13.8	9.4	13.0	12.1	92	30	72	65	10.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	18.4	31.1	22.4	23.6	31.6	17.4	16.8	13.0	9.6	13.4	12.0	82	30	76	63	10.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	19.0	29.6	22.4	23.4	30.4	18.3	17.2	14.8	10.9	13.6	13.1	90	35	66	64	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	18.3	30.3	17.1	20.7	30.8	17.8	17.0	14.0	11.5	13.8	13.1	90	36	95	74	7.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	17.0	27.7	20.0	21.2	28.3	16.0	15.1	13.7	11.1	15.0	13.3	94	40	86	73	7.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	17.0	28.2	18.8	21.0	29.6	17.8	17.0	14.7	11.3	14.6	13.5	95	38	90	74	6.6	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	17.2	23.8	19.9	20.2	26.0	17.0	16.5	14.1	12.1	14.5	13.6	96	54	84	78	5.7	36.0	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	16.1	29.8	20.0	21.5	31.5	14.8	14.0	13.1	9.4	15.8	12.8	96	30	90	72	7.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	19.0	30.0	22.8	23.6	31.1	18.0	17.1	14.8	12.7	15.3	14.3	90	40	73	68	8.4	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	18.4	29.0	20.3	22.0	29.4	18.0	17.3	15.0	13.7	15.2	14.6	94	45	86	75	4.6	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	18.8	25.3	21.3	21.7	29.5	18.2	17.3	15.4	12.1	15.8	14.4	94	50	84	76	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	19.2	29.4	23.0	23.6	29.9	18.6	18.0	16.1	14.3	14.6	15.0	96	46	68	70	6.4	2.3	1.1	—	—	—	—	—	—	—	—	—	—	—	—	
31	18.3	28.1	20.8	22.0	29.5	17.5	16.7	14.5	12.2	15.0	13.9	92	43	82	72	6.5	7.8	0.4	1.7	8.9	—	—	—	—	—	—	—	—	—	—	
Med.																															

Precipitación total : 267.1 m.m.

Estación Santiago de Cuba Mes Mayo Año 1968 $\phi = 5^{\circ} 04' N$ $\lambda = 75^{\circ} 41' WGR$ Altura 1.120 M.

Días	TEMPERATURAS °C					TENSIÓN DEL VAPOR m m					Humedad Relativa %			Horas de Brillo Solar	PRECIPITACION m m			EVAPORACION m m	VIENTOS								
	7	14	20	Med.	Max. Min.	Mínima Suale	7	14	20	Med.	7	14	20		Med.	7	14		20	Total	7	14	20	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora
1	19.0	27.9	20.9	22.2	28.8	17.8	16.5	15.7	14.1	16.4	15.4	95	50	90	78	7.4	15.1	—	—	—	—	—	—	—	—	—	
2	19.6	27.4	22.4	23.0	30.6	16.6	16.0	14.9	13.5	14.3	14.2	88	50	70	69	8.2	1.3	0.1	—	—	—	—	—	—	—	—	—
3	19.4	29.9	23.2	23.9	31.4	18.2	17.8	15.8	12.5	17.1	15.1	94	38	80	71	8.2	4.9	0.1	—	—	—	—	—	—	—	—	—
4	20.5	31.3	23.5	24.7	33.0	19.6	19.0	16.1	11.9	13.4	13.8	90	35	62	62	9.4	4.1	—	—	—	—	—	—	—	—	—	—
5	19.5	27.6	21.2	22.4	27.9	18.5	18.0	16.2	13.5	16.1	15.2	95	48	86	76	2.6	0.1	—	—	—	—	—	—	—	—	—	—
6	20.0	24.1	21.0	21.5	30.6	18.2	17.5	15.8	7.9	16.3	13.3	90	35	88	71	3.6	6.0	—	—	—	—	—	—	—	—	—	—
7	18.2	28.4	19.4	21.4	28.9	17.3	17.0	14.2	13.6	15.8	14.5	91	46	93	7	3.6	23.6	—	—	—	—	—	—	—	—	—	—
8	18.0	23.8	17.6	19.2	26.8	17.6	16.6	14.7	16.4	14.2	15.1	95	74	94	88	1.8	—	—	—	—	—	—	—	—	—	—	—
9	17.0	21.0	19.0	19.0	26.0	15.2	14.6	13.8	14.9	15.7	14.8	95	80	95	90	5.0	—	—	—	—	—	—	—	—	—	—	—
10	16.1	28.8	21.0	22.2	29.5	17.0	16.6	14.6	12.1	15.6	14.1	94	40	84	73	6.3	—	—	—	—	—	—	—	—	—	—	—
11	17.5	28.2	19.4	21.1	28.9	16.6	16.0	14.4	12.9	14.7	14.0	96	44	88	76	7.1	5.6	—	—	—	—	—	—	—	—	—	—
12	17.6	20.9	23.8	24.0	31.9	15.3	14.1	13.2	12.6	14.7	13.5	88	38	66	64	11.6	—	—	—	—	—	—	—	—	—	—	—
13	18.5	26.5	19.0	20.8	27.6	17.6	17.2	15.2	13.1	14.8	14.4	95	50	90	78	2.3	49.1	—	—	—	—	—	—	—	—	—	—
14	19.4	28.6	22.0	23.0	29.8	17.3	16.5	14.4	11.9	15.0	13.8	86	40	76	67	5.7	—	—	—	—	—	—	—	—	—	—	—
15	18.2	25.9	18.8	20.4	28.9	17.5	16.5	14.9	14.0	14.7	14.5	95	56	91	81	3.0	11.7	1.3	0.5	—	—	—	—	—	—	—	—
16	17.4	29.8	20.8	22.2	32.0	15.9	15.0	14.2	11.1	14.7	13.3	96	35	80	70	10.8	—	—	—	—	—	—	—	—	—	—	—
17	20.0	29.3	22.4	23.5	30.0	18.5	17.6	16.6	14.3	13.4	14.8	95	46	65	69	9.3	—	—	—	—	—	—	—	—	—	—	—
18	18.0	25.4	19.9	20.8	26.2	17.2	16.5	14.6	14.6	16.2	15.1	94	60	94	83	2.1	—	—	—	—	—	—	—	—	—	—	—
19	18.0	28.0	21.2	22.1	30.5	15.4	14.4	14.9	11.3	15.1	13.8	96	40	80	72	9.9	—	—	—	—	—	—	—	—	—	—	—
20	20.0	28.9	22.2	23.3	29.9	17.8	17.0	16.6	12.1	15.9	14.9	95	40	80	72	9.9	8.4	—	—	—	—	—	—	—	—	—	—
21	19.0	26.2	20.6	21.6	27.4	18.5	18.0	15.7	12.8	16.2	14.9	95	50	90	78	3.7	4.3	—	—	—	—	—	—	—	—	—	—
22	19.0	28.9	20.0	22.0	29.9	17.2	16.4	15.9	12.1	16.1	14.7	96	40	92	76	6.2	2.0	—	—	—	—	—	—	—	—	—	—
23	17.8	29.2	21.9	22.7	29.5	15.4	14.5	14.7	11.6	14.1	13.5	96	38	72	69	8.2	—	—	—	—	—	—	—	—	—	—	—
24	19.4	30.3	21.2	23.0	30.4	16.5	15.6	16.1	12.8	16.1	15.0	95	40	86	74	9.0	—	—	—	—	—	—	—	—	—	—	—
25	19.1	29.5	21.4	21.8	30.4	16.5	15.6	14.8	11.3	16.3	14.5	90	40	86	72	5.1	—	—	—	—	—	—	—	—	—	—	—
26	19.0	28.9	20.8	22.4	29.0	18.5	18.0	15.9	12.2	15.8	15.0	96	44	86	75	3.8	16.1	10.0	—	—	—	—	—	—	—	—	—
27	19.5	29.0	21.9	23.1	29.4	18.3	18.0	16.3	13.4	16.7	15.1	96	44	86	73	5.3	—	—	—	—	—	—	—	—	—	—	—
28	20.2	29.8	21.8	23.4	30.2	19.2	18.5	16.6	12.5	16.6	15.2	94	40	84	73	3.8	—	—	—	—	—	—	—	—	—	—	—
29	19.8	24.0	18.8	20.4	27.8	18.8	18.0	16.4	16.9	15.4	16.2	95	75	94	88	3.8	1.3	0.3	—	—	—	—	—	—	—	—	—
30	19.1	26.8	20.6	21.8	26.9	18.5	18.0	15.9	12.3	15.5	14.6	95	46	86	76	2.7	0.1	—	—	—	—	—	—	—	—	—	—
31	18.5	26.0	20.8	21.5	27.5	18.0	17.4	14.7	12.7	16.4	14.6	93	50	90	78	4.0	1.1	—	—	—	—	—	—	—	—	—	—
Med.	18.8	27.8	20.9	22.1	29.2	17.4	16.7	15.2	12.9	15.5	14.5	93	47	84	75	6.1	4.8	0.4	1.0	—	—	—	—	—	—	—	—

Precipitación total : 229.3 m.m.

DATOS DIARIOS

Estación Santiago de los Caballeros Mes Junio Año 1968 $\phi = 5^{\circ} 04' N$ $\lambda = 75^{\circ} 41' W$ G.R. Altura 1.120 M.

Días	TEMPERATURAS °C						TENSIÓN DEL VAPOUR m m						Humedad Relativa %						NEBLINAS DECIMOS	Brillo Horas	PRECIPITACION m m				VIENTOS								
	7	14	20	Med.	Máx.	Min.	7	14	20	Med.	7	14	20	Med.	7	14	20	Total			7	14	20	Total	7	14	20	Total					
	Mínima Suave																				FUERZA DIRECCIÓN Km./Hora				FUERZA DIRECCIÓN Km./Hora								
1	18.5	22.1	20.4	20.4	25.0	18.0	17.1	15.4	14.9	17.0	15.8	96	75	95	89	0.3	51.0	3.4	2.9	12.9													
2	18.4	25.2	19.2	20.5	25.6	17.6	17.2	15.6	12.1	14.9	14.2	98	90	89	79	1.9	6.6	—	—	—													
3	18.5	28.8	19.2	21.3	29.9	16.5	15.6	14.9	10.7	15.0	13.5	96	36	90	74	7.4	—	—	—	—	0.4	3.4											
4	17.5	26.2	20.4	21.1	28.0	17.0	16.0	14.6	12.8	15.3	14.2	97	50	85	77	5.2	3.0	0.1	0.1	5.6													
5	17.8	21.2	18.0	18.8	24.0	16.5	15.8	14.7	13.2	15.2	14.4	96	70	98	88	0.7	5.4	4.1	9.5	29.4													
6	16.9	22.0	16.7	18.1	23.2	16.8	16.0	13.6	11.0	12.5	12.4	95	55	88	79	0.5	15.8	2.2	—	2.2													
7	16.4	26.9	19.6	20.6	29.0	15.6	15.0	13.2	10.5	14.5	12.7	94	40	85	73	8.5	—	—	—	—													
8	16.4	30.0	18.8	21.0	31.0	14.8	14.2	11.4	12.5	14.6	13.5	96	38	90	75	9.3	—	—	—	23.9	30.6												
9	17.4	29.0	21.8	22.5	29.6	17.0	16.5	14.2	9.2	15.6	13.0	96	30	80	69	7.1	6.7	0.1	—	0.1													
10	19.0	28.8	22.0	23.0	29.8	17.6	16.6	15.1	16.2	17.8	16.4	92	54	90	79	6.0	—	—	—	—	16.2												
11	18.3	28.8	23.0	22.8	29.6	18.0	17.4	15.1	10.7	15.8	13.9	96	36	80	71	8.3	16.2	—	—	—	37.5												
12	19.0	26.4	20.6	21.6	27.1	18.8	18.0	15.9	14.2	16.2	15.4	96	55	90	80	2.3	17.5	—	—	—	15.0												
13	19.6	29.5	21.3	22.9	29.9	18.0	17.5	13.7	12.3	16.1	14.0	80	40	86	69	9.6	15.0	—	—	—	0.5												
14	19.4	28.4	22.1	23.0	28.5	17.5	17.0	15.2	14.4	14.8	14.8	90	50	74	71	8.0	0.5	—	—	—													
15	18.2	29.0	21.4	23.5	31.1	17.5	17.0	14.0	9.2	16.2	13.1	90	30	75	65	8.1	—	—	—	—													
16	19.3	24.8	18.8	20.4	27.2	18.6	18.0	15.0	14.0	14.6	14.5	90	60	90	80	4.4	—	—	—	—													
17	17.5	25.6	20.0	20.8	27.9	16.0	15.2	14.5	13.8	15.8	14.7	96	56	90	81	5.8	—	—	—	—													
18	18.8	24.4	20.2	20.9	26.8	18.0	17.2	15.5	14.5	15.9	15.3	95	63	90	83	6.4	7.0	—	—	—	7.0												
19	18.1	29.3	23.2	23.4	29.9	17.4	16.5	13.4	10.7	15.4	13.2	86	35	72	64	10.3	2.4	—	—	—	0.4	0.4											
20	18.2	29.6	21.8	22.8	30.2	17.6	17.0	14.5	11.2	16.6	14.1	93	36	84	71	7.7	—	—	—	—	—												
21	20.3	29.7	22.0	23.2	30.3	19.5	19.0	16.3	12.9	15.8	14.3	80	44	80	68	9.5	—	—	—	—	—												
22	19.0	27.5	21.0	22.1	28.6	18.8	18.0	15.7	11.0	14.9	13.9	95	40	80	72	6.8	14.1	—	—	—	—												
23	19.3	26.3	20.5	21.6	27.0	18.0	17.6	14.0	12.8	15.5	14.1	84	50	86	73	5.9	5.7	—	—	—	—												
24	18.5	29.3	21.4	22.6	30.3	17.8	17.0	15.2	13.3	15.3	14.6	95	43	80	73	9.4	—	—	—	—	—												
25	18.0	25.8	21.9	21.9	29.9	17.5	16.8	13.4	12.5	14.8	13.6	86	50	76	71	3.1	—	—	—	—	—												
26	18.4	26.3	21.2	21.8	27.9	17.2	16.6	14.2	12.5	14.3	14.8	90	56	84	77	6.2	—	—	—	—	—												
27	17.6	29.9	22.2	23.0	30.4	17.2	16.4	14.2	12.5	17.2	14.6	93	40	85	73	8.5	—	—	—	—	—												
28	19.6	28.8	21.0	22.6	29.2	18.5	18.0	15.4	12.1	15.7	14.4	90	40	85	72	2.9	2.3	—	—	—	—												
29	19.3	27.2	19.0	21.1	27.9	18.5	18.2	15.4	16.5	14.6	15.6	93	60	90	81	3.5	2.6	10.6	10.0	46.6													
30	18.6	25.8	20.6	21.4	26.8	17.4	17.0	14.8	12.5	15.6	14.3	93	50	86	76	3.4	26.0	—	—	—	—												
31																																	
Med	18.4	27.0	20.7	21.7	28.4	17.5	16.8	14.6	12.6	15.5	14.2	92	48	85	75	5.9	6.6	0.7	1.6	7.2													

Precipitación total : 214.9 m.m.

DATOS DIARIOS

Estación SANTIAGUERA

Mes Julio Año 1958

Altura 1.120 M. $\phi = 51^{\circ}04' N$ $\lambda = 75^{\circ}43' WGR$

Med. Julio

Días	TEMPERATURA $^{\circ}C$						TENSIÓN DEL VAPOR m.m.			Humedad Relativa %			Brillo Solar HORAS	PRECIPITACION m.m.				VIENTOS						
	7		14		20		7		14		20			7	7			14			20			
	Med.	Máx.	Min.	Mínima Suelo	Med.	Máx.	Min.	Mínima Suelo	Med.	Máx.	Min.	Mínima Suelo		Med.	7	14	20	Total	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA
1	18.0	26.4	20.2	21.2	27.1	17.6	17.1	13.8	11.7	15.2	31.6	90	45	86	74	2.8	—	—	—	—	—	—	—	—
2	19.0	30.3	21.4	23.0	30.9	18.2	17.8	14.1	11.0	15.3	33.5	86	34	80	67	9.7	—	—	—	—	—	—	—	—
3	19.0	28.9	21.2	22.6	29.9	18.0	17.6	14.8	12.9	15.1	14.3	90	43	80	71	7.5	5.6	0.1	—	—	—	—	—	—
4	19.0	29.6	20.8	22.6	30.4	18.0	17.2	14.8	14.1	16.4	15.1	90	45	90	75	6.5	—	—	—	—	—	—	—	—
5	18.1	29.2	21.9	22.8	30.5	18.0	17.6	14.0	12.2	16.6	14.3	90	40	85	72	8.5	—	—	—	—	—	—	—	—
6	19.4	24.1	20.2	21.0	26.3	18.5	17.8	16.1	15.7	15.9	15.6	95	70	90	85	1.2	3.4	4.0	—	—	—	—	—	—
7	18.8	30.9	22.8	23.8	31.8	17.8	17.0	14.6	11.0	17.6	14.4	90	33	85	69	9.0	—	—	—	—	—	—	—	—
8	18.8	29.9	22.3	23.3	31.7	17.0	16.5	15.8	11.3	15.2	14.1	97	36	76	70	10.2	2.9	—	—	—	—	—	—	—
9	20.0	29.1	22.6	23.6	29.9	18.0	17.2	14.1	11.4	16.4	14.0	80	38	80	66	7.8	1.4	—	—	—	—	—	—	—
10	18.2	29.9	21.9	23.0	31.0	17.1	16.6	14.0	14.0	15.9	14.6	90	44	81	72	6.3	2.9	—	—	—	—	—	—	—
11	16.8	26.4	20.0	20.8	27.0	15.5	14.6	13.2	10.2	14.1	12.5	92	40	80	71	2.0	—	—	—	—	—	—	—	—
12	17.0	31.0	22.0	23.0	31.5	14.8	14.0	13.1	8.6	13.8	11.8	90	25	70	62	9.6	—	—	—	—	—	—	—	—
13	18.8	28.2	21.5	22.5	29.4	18.4	18.0	15.4	12.1	16.0	14.5	94	40	83	72	7.7	0.1	—	—	—	—	—	—	—
14	19.0	30.6	20.9	22.8	30.9	18.2	17.5	14.8	11.6	15.8	14.1	90	35	86	70	4.9	0.1	—	—	—	—	—	—	—
15	18.2	30.3	22.5	23.4	30.9	17.6	17.0	14.9	11.3	14.4	13.5	95	35	70	67	7.7	—	—	—	—	—	—	—	—
16	18.0	24.0	20.6	20.8	25.3	17.5	17.0	13.8	14.9	14.5	14.4	90	66	80	79	1.1	23.1	1.6	0.6	14.8	—	—	—	—
17	17.0	28.1	20.4	21.5	28.9	16.8	16.0	13.7	11.3	16.0	13.7	94	40	90	75	7.9	12.6	1.7	—	—	—	—	—	—
18	19.0	27.9	21.6	22.5	29.8	18.6	18.0	15.2	12.0	13.9	13.7	93	43	72	69	7.2	1.0	—	—	—	—	—	—	—
19	18.8	28.8	21.2	22.5	29.9	18.6	18.0	14.6	12.1	15.9	14.0	90	40	81	70	6.4	6.0	3.2	—	—	—	—	—	—
20	17.0	18.4	21.5	21.3	28.2	17.8	17.0	14.2	12.7	15.9	14.3	90	46	85	74	6.8	28.7	—	—	—	—	—	—	—
21	19.0	26.9	18.8	20.9	28.9	18.8	18.0	14.8	10.5	14.6	13.3	90	40	90	73	4.4	4.8	10.6	0.5	12.5	—	—	—	—
22	18.8	26.8	21.4	22.1	28.0	17.6	17.0	15.7	13.2	15.3	14.7	96	48	80	75	5.3	1.4	—	—	—	—	—	—	—
23	18.8	29.9	21.6	23.0	30.9	17.1	16.4	13.7	12.5	14.4	13.5	85	40	74	66	9.3	—	—	—	—	—	—	—	—
24	18.0	31.0	22.7	23.6	31.4	17.0	17.0	14.5	10.2	14.7	13.1	93	30	70	64	6.6	—	—	—	—	—	—	—	—
25	19.1	30.9	22.3	23.6	31.0	17.8	17.0	14.8	10.6	14.7	13.4	90	32	76	66	8.6	—	—	—	—	—	—	—	—
26	18.1	28.4	21.9	22.6	30.8	18.4	18.0	14.2	12.3	14.8	13.8	91	42	76	70	7.2	—	—	—	—	—	—	—	—
27	18.4	31.9	22.4	23.8	32.7	16.8	16.0	13.9	10.9	15.4	13.4	88	31	76	65	10.3	—	—	—	—	—	—	—	—
28	17.0	30.8	22.4	23.2	32.0	15.8	15.0	13.7	15.1	15.3	14.7	94	45	75	72	7.8	0.8	—	—	—	—	—	—	—
29	17.5	27.8	21.8	22.2	30.6	16.2	15.4	14.3	13.0	14.1	13.8	95	46	72	71	5.5	—	—	—	—	—	—	—	—
30	18.0	28.8	21.6	23.5	30.9	17.0	16.4	13.4	13.2	16.2	14.3	86	44	71	67	6.1	—	—	—	—	—	—	—	—
31	19.3	28.8	20.9	22.5	29.9	18.4	17.5	14.7	14.9	14.7	14.8	88	50	80	73	4.7	—	—	—	—	—	—	—	—
Med.	18.4	28.8	21.5	22.6	30.0	17.5	16.8	14.4	12.2	15.3	14.0	91	41	80	71	6.7	3.0	0.7	0.1	3.8	—	—	—	—

Precipitación total : 119.3 m.m.

DATOS DIARIOS

Estación Santiago de Chile Mes Agosto Año 1968 $\phi = 5^{\circ}04' N$ $\lambda = 75^{\circ}41' W$ GR Altura 1.120 m

Días	TEMPERATURAS °C							TENSIÓN DEL VAPOR mm						Humedad Relativa %				NUBOSIDAD DECIMOS		Brillo Solar HORAS	PRECIPITACION mm						VIENTOS													
	7	14	20	Med.	Máx.	Mín.	Mínima Suho	7	14	20	Med.	7	14	20	Med.	7	14	20	Total		7	14	20	Total	7	14	20	Total	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA						
																																			DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA
1	19.2	27.5	20.2	21.8	28.0	17.6	17.0	14.7	13.8	16.8	15.1	88	50	95	78																									
2	19.0	26.0	20.5	21.5	27.5	18.5	18.0	15.5	13.9	15.3	14.9	94	55	85	78																									
3	18.4	28.3	20.6	22.0	29.0	18.0	17.1	15.1	11.5	14.5	13.7	95	40	80	72																									
4	18.1	29.4	22.2	23.0	30.8	18.0	17.3	14.7	12.2	14.3	13.7	95	40	71	69																									
5	19.6	28.4	20.3	22.2	28.2	18.6	18.0	16.3	12.1	15.2	14.5	95	41	86	74																									
6	18.6	24.8	20.8	21.2	25.4	18.4	17.8	14.4	12.0	15.5	14.0	90	52	85	76																									
7	19.0	29.3	21.5	22.8	30.9	17.6	17.0	14.1	11.0	15.3	13.5	86	36	80	61																									
8	18.0	29.0	21.0	22.2	30.3	17.0	16.4	13.8	12.1	14.2	13.4	90	40	76	69																									
9	19.5	31.0	20.8	23.0	32.3	17.8	17.0	14.4	10.2	15.5	13.4	85	30	85	67																									
10	17.4	29.2	21.0	22.3	32.2	16.0	15.4	13.0	11.1	15.9	13.3	88	35	86	70																									
11	18.4	28.9	21.0	22.3	29.9	17.6	17.0	14.2	10.7	14.9	13.3	90	36	80	69																									
12	19.4	32.0	21.2	23.4	32.6	18.0	17.5	16.3	10.9	15.1	14.1	96	30	80	69																									
13	17.0	32.4	21.8	23.2	33.3	15.6	15.0	12.5	9.7	14.7	12.3	86	26	75	62																									
14	18.8	29.2	22.9	23.6	30.9	17.5	16.5	14.6	12.5	15.4	14.2	90	40	74	68																									
15	18.0	28.8	22.5	23.0	29.4	17.5	17.0	14.3	12.1	14.4	13.6	93	40	70	68																									
16	19.3	32.3	23.4	24.6	32.8	19.0	18.6	15.6	12.0	15.2	14.3	94	33	70	66																									
17	19.0	28.0	21.0	22.2	28.5	18.5	18.0	15.7	12.8	15.7	14.7	95	45	85	75																									
18	18.1	27.0	21.5	22.0	28.4	17.7	17.0	13.8	12.5	16.4	14.2	90	46	86	74																									
19	19.0	30.9	23.2	24.1	31.3	18.6	18.0	14.8	11.6	16.0	14.1	90	35	75	67																									
20	19.0	29.4	20.0	22.1	31.0	18.2	17.8	15.2	10.5	13.8	13.2	93	34	70	66																									
21	18.0	28.8	22.0	22.7	30.3	17.5	17.0	13.8	12.9	13.8	13.5	90	43	70	68																									
22	18.0	30.3	22.5	23.3	32.8	15.6	14.6	13.6	11.3	15.4	13.4	88	35	75	66																									
23	18.6	30.8	22.9	23.8	32.5	17.2	16.4	14.1	8.8	13.6	12.2	88	26	65	60																									
24	19.0	29.9	21.7	23.1	30.9	18.0	17.6	14.8	11.3	15.6	13.9	90	36	80	69																									
25	21.2	28.8	18.1	21.6	30.4	19.0	18.1	17.7	12.1	13.8	14.5	94	40	80	75																									
26	18.8	24.4	20.0	20.8	29.3	18.0	17.6	15.5	15.2	14.9	15.2	95	66	85	82																									
27	17.4	21.2	19.5	19.4	22.0	17.2	16.4	14.2	13.2	15.3	14.2	95	70	90	85																									
28	17.0	30.0	21.5	22.5	30.8	16.0	15.5	13.1	10.9	15.3	13.1	90	34	80	68																									
29	18.1	26.0	22.2	22.2	30.9	17.0	16.0	13.7	13.6	14.1	13.8	88	54	70	71																									
30	18.2	24.8	20.5	21.0	27.5	17.6	17.0	14.5	11.8	15.3	13.9	93	54	85	76																									
31	18.1	28.3	20.0	21.6	28.5	18.0	17.6	14.7	12.4	15.8	14.3	95	43	90	76																									
Med	18.6	28.6	21.2	22.4	30.0	17.6	17.0	14.6	11.9	15.1	13.9	91	41	80	71																									

Precipitación total : 138.7 mm.

DATOS DIARIOS

Altura 1.120 M.

φ = 55.04° N λ = 75.41° W.G.R.

Año 19 68

Estación Santa Fe de Guadalupe Mes Septiembre

Días	TEMPERATURAS °C						TENSIÓN DEL VAPOR mm m						Humedad Relativa %			NUBOSIDAD DECIMOS	Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm	VIENTOS									
	7	14	20	Med.	Max.	Min.	Mínima Suho	7	14	20	Med.	7	14	20	Med.			7	14	20		Total	DIRECCION	FUERZA	Km./Hora	DIRECCION	FUERZA	Km./Hora	DIRECCION	FUERZA	Km./Hora
1	18.0	26.2	20.2	21.2	29.0	17.5	17.0	13.8	12.8	15.9	14.2	90	50	90	77	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
2	19.0	24.6	18.6	20.2	25.8	18.5	18.0	15.5	11.7	14.4	13.9	94	50	90	78	1.7	15.5	3.9	—	—	—	—	—	—	—	—	—	—	—		
3	17.1	30.4	20.5	22.1	31.6	16.8	16.0	13.7	11.4	15.5	13.5	91	35	86	71	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—		
4	17.1	27.9	18.8	20.6	28.9	17.0	16.4	13.9	11.1	14.6	13.5	94	40	90	75	5.2	22.0	0.1	0.5	0.6	—	—	—	—	—	—	—	—	—		
5	16.8	26.2	21.0	21.8	30.8	15.0	14.6	12.9	13.1	15.9	14.0	90	44	86	73	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—		
6	18.0	26.2	19.8	21.0	30.8	15.9	14.8	13.8	11.8	14.5	13.4	90	46	84	73	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—		
7	17.4	26.0	19.5	21.8	31.7	15.6	14.6	13.7	10.2	15.3	13.1	94	36	90	71	7.5	—	—	—	—	—	—	—	—	—	—	—	—	—		
8	17.4	26.0	19.4	20.6	26.8	16.6	15.6	14.0	13.6	15.3	14.3	94	54	91	80	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—		
9	18.4	27.4	18.8	20.8	27.6	17.8	17.0	15.1	11.2	14.0	13.4	95	40	86	74	4.1	18.1	—	—	—	—	—	—	—	—	—	—	—	—		
10	18.8	31.5	23.2	24.2	32.3	17.5	17.0	14.6	10.6	15.0	13.4	90	30	70	63	8.6	—	—	—	—	—	—	—	—	—	—	—	—	—		
11	18.8	28.3	21.8	22.7	29.5	18.6	18.0	15.5	13.0	15.6	14.7	95	45	80	73	5.1	14.4	0.6	—	—	—	—	—	—	—	—	—	—	—		
12	18.0	27.8	19.8	21.4	29.9	17.8	16.8	14.6	9.2	14.5	12.8	94	33	84	70	7.7	14.4	0.2	—	—	—	—	—	—	—	—	—	—	—		
13	19.0	24.9	20.5	21.2	29.0	17.4	16.5	14.1	14.7	15.8	14.9	86	63	88	79	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—		
14	17.1	30.8	22.4	23.2	31.9	17.0	15.8	13.7	9.9	15.3	13.0	94	30	75	66	8.2	—	—	—	—	—	—	—	—	—	—	—	—	—		
15	19.0	29.1	21.8	22.9	29.5	18.5	17.8	14.8	12.1	16.6	14.5	90	40	85	72	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—		
16	18.3	30.9	22.6	23.6	32.0	17.1	16.4	14.8	11.6	13.6	13.3	94	35	66	65	7.5	0.2	—	—	—	—	—	—	—	—	—	—	—	—		
17	16.6	27.8	20.3	21.2	28.6	16.2	15.4	12.8	12.5	14.3	13.2	90	45	80	72	7.5	51.2	0.1	—	—	—	—	—	—	—	—	—	—	—		
18	18.6	28.5	21.5	22.5	29.4	18.0	17.1	14.4	11.8	14.7	13.6	90	40	76	69	7.4	0.3	—	—	—	—	—	—	—	—	—	—	—	—		
19	19.0	26.9	19.4	21.2	29.0	18.6	18.0	15.5	13.2	14.4	14.4	94	50	86	77	5.0	15.7	0.1	—	—	—	—	—	—	—	—	—	—	—		
20	17.7	29.9	20.5	22.2	30.8	15.6	15.0	13.7	10.8	14.4	13.0	90	34	80	68	7.8	—	—	—	—	—	—	—	—	—	—	—	—	—		
21	19.0	25.0	21.0	21.5	28.9	18.0	17.2	14.1	13.1	14.2	13.8	86	55	76	72	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—		
22	18.8	30.6	22.0	23.4	31.5	18.0	17.4	14.6	12.9	15.5	14.3	90	40	78	69	4.7	—	—	—	—	—	—	—	—	—	—	—	—	—		
23	19.0	29.9	20.8	22.6	31.6	17.0	16.4	15.9	12.5	14.6	14.6	96	40	85	74	9.8	19.5	—	—	—	—	—	—	—	—	—	—	—	—		
24	17.5	30.8	22.0	23.1	31.5	16.0	15.4	13.4	11.6	15.8	13.6	90	35	80	68	9.3	—	—	—	—	—	—	—	—	—	—	—	—	—		
25	18.8	30.9	19.2	22.0	31.6	17.8	16.2	14.0	11.1	15.0	13.4	86	33	90	70	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—		
26	18.0	27.5	22.2	22.5	29.9	16.6	16.0	13.8	13.8	14.1	13.9	90	70	70	66	6.6	0.2	0.1	—	—	—	—	—	—	—	—	—	—	—		
27	17.5	28.4	22.5	22.7	30.8	17.0	16.0	14.2	10.5	13.6	12.7	94	36	75	68	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—		
28	18.8	28.5	20.6	21.4	26.6	18.0	17.5	14.6	14.7	13.6	14.3	90	61	75	75	7.6	11.0	—	—	—	—	—	—	—	—	—	—	—	—		
29	18.0	27.8	21.5	22.2	29.2	17.8	17.1	14.7	12.0	16.3	14.3	95	43	84	74	7.3	8.0	—	—	—	—	—	—	—	—	—	—	—	—		
30	18.0	27.6	19.1	21.0	28.4	17.4	16.5	14.7	12.4	14.8	14.0	95	45	90	77	4.7	3.9	—	—	—	—	—	—	—	—	—	—	—	—		
31																															
Med	18.1	28.3	20.7	22.0	29.8	17.2	16.4	14.3	12.0	14.9	13.7	92	42	82	72	6.3	6.4	0.3	0.2	7.0	—	—	—	—	—	—	—	—	—		

Precipitación total : 208.5 m.m.

DATOS DIARIOS

Estación Santiago de los Caballeros Mes Octubre Año 1968 $\phi = 5^{\circ}04' N$ $\lambda = 75^{\circ}41' W$ GR Altura 1.120 M.

Días	TEMPERATURAS °C					TENSIÓN DEL VAPOR m. m.					Humedad Relativa %			Nubosidad DECIMOS	Brillo Solar Horas	PRECIPITACION m. m.			VIENTOS																		
	7	14	20	Med.	Máx.	Mín.	Mínima Subt.	7	14	20	Med.	7	14			20	Med.	7	14	20	Total	7	14	20	DIREC. Km./Hora	DIREC. DIREC. Km./Hora	DIREC. Km./Hora	DIREC. DIREC. Km./Hora									
																													FUERZA	FUERZA	FUERZA	FUERZA	FUERZA	FUERZA	FUERZA	FUERZA	
1	19.0	28.5	19.1	21.4	30.0	18.0	17.5	14.1	12.4	15.2	13.9	86	42	93	74																						
2	19.8	28.5	23.1	29.5	17.6	16.8	15.4	10.4	15.8	13.9	94	36	80	70																							
3	20.6	31.2	24.0	31.7	19.0	18.4	15.5	12.2	17.2	17.2	13.0	86	36	85	69																						
4	19.4	29.6	21.8	23.2	30.0	18.8	18.4	15.2	12.4	16.6	14.7	90	40	84	71																						
5	17.4	25.5	18.5	20.5	28.0	18.8	18.0	15.8	15.3	14.7	15.3	94	63	93	83																						
6	17.1	27.6	18.6	20.5	29.2	16.2	15.5	14.0	13.9	14.8	14.2	86	50	93	80																						
7	18.2	28.9	20.6	22.1	30.8	16.2	15.5	14.0	12.1	15.5	13.9	90	40	86	72																						
8	18.0	21.0	20.3	19.9	27.0	17.6	16.4	14.3	14.9	15.1	14.8	93	80	85	86																						
9	18.8	29.2	20.5	22.2	29.3	17.6	17.0	18.6	12.2	13.8	13.5	90	40	76	69																						
10	18.5	28.4	20.2	21.8	29.9	17.0	16.1	14.0	11.5	15.2	13.6	88	38	86	71																						
11	19.0	28.5	20.5	22.1	29.9	17.2	16.6	13.9	13.0	14.4	13.8	85	44	80	70																						
12	19.1	25.4	18.6	20.2	26.9	17.6	17.0	14.9	12.4	14.9	13.7	85	51	80	72																						
13	18.1	25.4	18.6	20.2	26.9	17.6	17.0	14.9	12.3	14.4	13.9	96	50	90	79																						
14	20.0	29.5	22.5	23.6	31.6	17.1	16.2	15.8	14.1	12.9	14.3	90	45	64	66																						
15	18.0	23.0	18.1	19.3	23.6	17.6	17.0	14.6	12.2	13.8	13.5	94	58	80	81																						
16	17.7	26.5	20.2	21.2	28.3	15.6	14.5	13.7	12.1	15.2	13.7	90	46	86	74																						
17	19.0	28.1	21.5	22.5	29.2	18.8	18.0	14.8	10.3	16.4	13.8	90	36	86	71																						
18	18.0	28.2	20.2	21.6	29.2	17.8	16.6	14.6	13.0	15.9	14.5	94	45	80	76																						
19	18.5	26.8	21.3	22.0	28.3	18.0	17.3	15.2	11.8	15.1	14.0	95	44	80	73																						
20	18.5	24.0	19.3	20.3	26.0	18.2	17.8	14.7	12.4	15.0	14.0	93	55	90	79																						
21	18.0	31.0	20.6	22.6	32.0	15.4	14.4	14.9	13.6	14.5	14.3	96	40	80	72																						
22	18.6	26.0	20.8	21.6	26.9	18.0	17.5	14.4	14.1	15.5	14.7	90	56	85	77																						
23	18.8	29.5	22.2	23.2	31.8	16.7	16.0	13.7	14.1	15.9	14.6	85	45	80	70																						
24	18.4	28.8	22.6	23.1	29.9	18.2	17.2	14.6	13.5	15.6	14.6	93	45	76	71																						
25	19.3	29.9	21.5	23.0	30.2	18.4	17.5	15.0	10.5	15.3	13.6	90	33	80	68																						
26	18.8	24.6	19.3	20.5	29.8	17.6	16.6	14.6	14.5	15.0	14.7	90	63	90	81																						
27	17.8	27.0	19.2	20.8	26.0	17.0	15.6	14.4	10.7	14.7	13.1	94	40	88	74																						
28	17.0	25.0	21.8	21.4	28.8	16.5	15.4	13.4	11.9	14.1	13.1	92	50	72	71																						
29	18.0	24.5	20.0	20.6	26.2	17.6	17.0	16.3	12.6	15.3	14.1	94	54	88	79																						
30	17.6	29.9	22.0	22.9	30.3	15.5	14.5	13.2	12.7	16.8	14.2	88	40	85	73																						
31	17.7	26.4	18.8	20.4	27.2	17.0	16.1	13.7	11.3	14.0	13.0	90	43	86	71																						
Med.	18.5	27.3	20.5	21.7	28.9	17.4	16.6	14.5	12.6	15.1	14.1	91	47	84	74																						

Precipitación total : 298.6 m.m.

DATOS DIARIOS

Estación Ban de Guedes Mes Noviembre Año 1968 $\phi = 55^{\circ}04' N$ $\lambda = 75^{\circ}41' WGR$ Altura 1.120 M.

Días	TEMPERATURAS °C					TENSION DEL VAPOR mm					Humedad Relativa %			NUBES DECIMOS	Brillo solar HORAS	PRECIPITACION mm			EVAPORACION mm			VIENTOS										
	7	14	20	Med.	Máx.	Min.	Mínima Símb.	7	14	20	Med.	7	14			20	Med.	7	14	20	Total	7	14	20	7	14	20	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	
																																7
1	17.7	29.9	20.8	22.3	30.9	16.2	14.5	12.3	11.1	12.3	11.9	80	35	68	61																	
2	18.4	28.2	21.6	22.4	30.4	17.0	15.0	12.8	11.8	14.5	13.0	80	41	75	65																	
3	18.4	29.3	21.9	22.9	31.3	17.6	15.6	13.7	12.2	14.7	13.5	86	40	75	67																	
4	18.5	28.0	22.0	22.6	29.5	17.0	16.0	14.3	14.3	14.4	14.3	90	50	72	71																	
5	19.0	30.4	20.6	22.6	30.9	18.0	17.0	13.9	9.6	14.5	12.7	85	30	80	66																	
6	18.1	28.1	20.8	22.0	30.2	17.1	15.6	13.4	11.3	15.8	13.5	86	40	86	71																	
7	18.6	28.5	20.7	22.1	29.4	17.0	15.8	13.4	11.8	15.4	13.5	84	40	84	69																	
8	18.0	24.0	20.2	20.6	26.2	17.0	16.4	13.8	14.3	15.2	14.4	90	64	86	80																	
9	18.8	25.8	19.1	20.7	26.4	17.4	16.2	14.0	12.1	15.2	13.8	86	51	93	77																	
10	18.0	26.8	19.5	21.0	28.0	17.4	16.5	14.9	12.0	15.3	14.1	96	45	90	77																	
11	18.4	28.0	20.2	21.7	29.4	17.1	15.6	15.3	8.6	14.4	12.8	96	30	81	69																	
12	17.8	28.8	20.5	21.9	29.3	16.8	16.0	13.7	13.8	14.6	14.0	90	46	81	72																	
13	18.9	27.0	20.9	21.9	28.8	17.4	16.5	13.4	11.4	14.2	13.0	86	41	81	69																	
14	18.8	29.6	19.8	22.0	30.5	17.6	15.5	14.6	13.0	15.6	14.4	90	40	90	73																	
15	17.3	24.0	18.0	19.3	24.6	16.8	16.0	13.7	11.2	13.6	12.8	93	50	88	77																	
16	17.0	27.3	20.4	21.3	28.3	16.1	15.4	13.1	11.0	14.8	13.0	90	40	83	71																	
17	16.0	27.9	19.9	20.9	29.0	15.1	13.5	12.4	11.1	14.8	12.8	91	40	86	72																	
18	19.0	29.4	21.8	23.0	30.4	17.6	15.2	14.1	10.5	15.9	13.5	86	34	81	67																	
19	19.3	28.8	21.2	22.6	29.5	16.8	18.0	15.0	12.1	15.6	14.2	90	40	83	71																	
20	19.3	28.0	21.0	22.3	28.8	17.4	15.4	14.1	11.3	14.9	13.4	85	40	80	68																	
21	18.0	27.1	19.3	20.9	28.8	17.4	16.0	14.6	11.6	15.1	13.8	94	43	91	76																	
22	18.3	28.2	20.4	21.8	28.8	17.0	15.6	14.8	12.9	15.3	14.3	94	44	85	74																	
23	18.0	25.8	20.6	21.3	26.4	17.1	16.4	13.4	12.5	15.2	13.7	86	50	84	73																	
24	19.0	26.8	18.8	20.8	28.2	18.0	17.0	14.9	14.0	15.4	14.8	91	53	94	79																	
25	18.5	26.4	19.1	20.8	28.8	17.1	16.0	15.2	10.2	13.2	12.9	95	40	80	72																	
26	18.8	29.1	21.0	22.5	29.9	17.0	16.6	13.7	12.1	14.0	13.3	85	40	75	67																	
27	19.0	28.8	21.5	22.7	30.1	18.6	17.0	14.8	12.1	14.7	13.9	90	40	76	69																	
28	18.4	28.6	19.6	21.6	29.3	17.1	16.4	14.2	11.9	14.5	13.5	90	40	85	72																	
29	19.0	29.1	21.8	22.9	30.9	18.5	17.2	14.8	10.0	14.7	13.2	90	33	75	66																	
30	20.6	27.0	20.3	22.0	27.4	19.8	18.2	14.5	13.0	14.3	13.9	90	48	80	69																	
31																																
Med	18.4	27.8	20.4	21.8	29.0	17.3	16.1	14.0	11.8	14.7	13.5	88	42	82	71																	

Precipitación total : 255.8 m.m.

DATOS DIARIOS

Estación Santiagouda

Mes Diciembre

Año 1968

$\phi = 5^{\circ} 04' N$ $\lambda = 75^{\circ} 41' W$ OR

Altura 1.120 M.

Días	TEMPERATURA °C					TENSIÓN DEL VAPOR					Humedad Relativa %			NUBESIDAD		Brillo Solar Horas		PRECIPITACION m m			EVAPORACION m m			VIENTOS															
	7	14	20	Med.	Mín.	Máx.	Mín.	Med.	Máx.	Mín. Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	7	14	20	7	14	20								
																																DIREC.	CIÓN	FUERZA	DIREC.	CIÓN	FUERZA	DIREC.	CIÓN
1	19.0	28.1	21.0	22.3	28.5	17.6	17.0	14.9	11.3	14.3	13.5	91	40	77	69	3.1	14.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
2	18.0	29.0	20.5	22.0	29.4	17.4	16.5	14.6	10.3	13.0	12.6	94	34	72	67	8.5	14.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
3	18.0	27.4	19.0	20.8	28.3	16.7	15.2	13.4	11.2	14.1	12.9	86	40	86	71	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
4	18.0	23.6	18.8	19.8	24.0	17.0	15.8	13.8	11.7	12.3	12.6	90	53	75	73	0.3	0.2	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
5	16.8	27.8	19.3	20.8	29.9	14.1	12.5	12.3	10.1	14.2	12.2	86	36	86	69	8.5	0.3	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
6	15.6	29.5	21.0	21.8	30.4	15.4	14.1	12.5	9.3	14.0	11.9	94	31	74	66	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
7	18.6	29.9	20.5	22.4	30.9	17.3	15.5	13.8	9.4	14.4	12.5	86	30	80	65	8.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
8	17.4	28.8	21.0	22.0	30.1	16.9	15.6	14.0	10.4	14.2	13.1	94	35	80	70	7.8	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
9	19.0	30.0	21.9	23.2	31.1	17.8	15.9	14.8	11.1	15.9	13.9	90	35	81	69	8.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
10	18.8	29.5	21.0	21.6	28.0	17.9	16.5	14.6	13.0	14.0	13.9	90	53	75	73	2.9	2.9	2.9	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
11	19.0	29.9	20.0	22.2	30.6	17.6	17.0	14.8	12.5	15.8	14.4	90	38	90	73	8.2	0.5	0.1	1.7	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
12	19.4	30.9	22.1	23.6	31.8	18.3	17.6	15.2	12.1	13.3	13.5	90	36	68	65	8.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
13	19.6	30.9	21.2	23.2	32.2	18.1	17.2	14.5	10.5	15.1	13.4	86	31	80	66	9.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
14	19.0	29.3	21.1	22.6	30.8	18.8	17.6	14.8	12.2	16.6	14.5	90	40	88	73	5.3	2.1	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
15	18.3	29.0	21.3	22.5	30.3	17.6	16.6	14.0	12.1	15.9	14.0	90	40	85	72	7.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
16	19.3	28.9	20.6	22.4	29.9	18.6	18.0	14.1	12.1	14.5	13.6	85	40	80	68	8.8	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
17	17.4	30.8	22.2	23.2	31.6	15.6	14.4	13.2	10.5	15.1	13.0	90	31	80	67	9.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
18	17.1	30.8	22.0	23.1	32.8	15.5	14.3	14.2	11.6	13.8	13.2	93	35	70	66	10.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
19	18.8	28.6	22.4	23.1	31.4	18.0	17.0	14.9	12.1	16.8	14.6	92	40	83	72	7.6	10.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
20	18.0	31.6	21.4	23.1	32.1	16.8	15.5	13.8	12.2	15.3	13.8	90	35	80	68	8.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	20.0	30.0	21.5	23.2	31.4	18.4	17.0	15.3	12.7	15.6	14.5	88	40	81	70	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	18.8	29.0	22.0	23.0	29.9	17.8	16.8	13.7	12.1	13.8	13.2	85	41	70	65	6.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	18.0	28.3	20.4	21.6	28.8	17.3	16.0	13.8	11.8	14.5	13.4	90	41	80	70	7.2	16.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	18.0	28.8	21.7	22.6	29.4	17.6	17.0	14.6	12.2	13.6	13.5	94	41	70	68	7.5	7.2	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	17.8	28.8	21.0	21.6	30.2	15.2	14.0	12.3	9.0	13.1	11.5	81	30	75	62	9.9	2.0	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
26	16.0	29.9	20.3	21.4	30.8	14.2	12.7	11.7	9.2	13.3	11.4	86	30	75	64	10.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	17.0	29.1	21.8	22.6	31.9	15.6	14.2	12.5	10.8	13.6	12.3	86	34	70	63	9.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	18.0	27.7	21.1	22.0	28.5	17.1	15.2	13.6	11.1	15.1	13.3	88	40	80	69	4.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	19.4	29.4	21.0	22.7	31.4	17.0	15.6	13.5	10.2	13.1	12.3	80	33	71	61	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	17.4	29.0	20.5	21.8	29.3	16.4	14.5	11.9	10.5	13.8	12.1	80	35	76	64	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	19.8	30.4	22.0	22.8	31.3	15.0	14.0	12.9	9.6	13.8	12.1	90	50	70	63	8.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	18.2	29.1	21.0	22.3	30.2	16.9	15.7	13.8	11.1	14.4	13.1	88	37	78	68	7.6	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total : 59.7 m.m.

RESUMEN MENSUAL Y ANUAL

ESTACION: 5 5 5 5 5 5 5 5 5 5

AÑO: 1968

M E S	PRESION ATMOSFERICA SOBRE 800 MM. HG.			TEMPERATURA OC			TEMPERATURAS EXTREMAS OC			HUMEDAD RELATIVA %			TENSION DEL VAPOR MM. HG.		NIUBOSIDAD MEDIA EN DECIMOS		BRILLO SOLAR HORAS		EVAPORACION MM.		PRECIPITACION					
	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	7	14	20	SUMA	DAS LLUVIOSOS
ENERO	17.5	29.8	21.1	22.4	30.8	16.5	33.6	20	13.3	4	94	37	82	71	30	17.5	9.0	13.6	7.6	120.9	19.9	-	142.3	12	58.9	24
FEBRERO	17.8	28.6	21.4	22.3	30.0	17.3	33.0	14	12.6	24	96	45	85	75	33	18.8	10.0	14.6	6.9	85.4	10.2	6.6	105.0	21	26.4	1
MARZO	17.6	28.0	21.0	21.9	29.1	17.0	31.9	31	14.1	5	94	41	78	71	26	17.0	8.5	13.4	6.1	120.2	2.5	4.6	169.9	17	45.9	3
ABRIL	18.3	28.1	20.8	22.0	29.5	17.5	31.9	5	14.8	26	92	43	82	72	28	17.0	9.4	13.9	6.5	235.7	11.4	50.8	267.1	19	44.5	11
MAYO	18.8	27.8	20.9	22.1	29.2	17.4	33.0	4	15.2	9	93	47	84	75	35	16.9	1.9	14.5	6.1	148.8	13.8	30.8	229.3	23	51.3	31
JUNIO	18.4	27.0	20.7	21.7	28.4	17.5	31.1	15	14.8	8	92	48	85	75	30	17.8	9.2	14.2	5.9	197.8	20.7	47.4	214.9	22	46.6	29
JULIO	18.4	28.8	21.5	22.6	30.0	17.5	33.0	25	14.8	12	91	41	80	71	25	17.6	8.6	14.0	6.7	94.8	21.4	3.1	119.3	21	31.9	19
AGOSTO	18.6	28.6	21.2	22.4	30.0	17.6	33.3	13	15.6	7	91	41	80	71	26	17.7	8.8	13.9	6.5	103.8	11.7	23.2	138.7	20	21.1	1
SEPTIEMBRE	18.1	28.3	20.7	22.0	29.8	17.2	32.3	10	15.0	5	92	42	82	72	30	16.6	9.2	13.7	6.3	192.4	7.8	6.5	208.5	22	51.2	16
OCTUBRE	18.5	27.3	20.5	21.7	28.9	17.4	32.0	21	15.4	21	91	47	84	74	33	17.2	10.3	14.1	5.6	239.2	41.6	19.6	298.6	24	88.3	18
NOVIEMBRE	18.4	27.8	20.4	21.8	29.0	17.3	31.3	3	15.1	17	88	42	82	71	30	15.9	8.6	13.5	6.2	171.4	1.6	51.1	225.8	20	47.4	24
DICIEMBRE	18.2	29.1	21.0	22.3	30.2	16.9	32.8	18	14.1	5	88	37	78	68	30	16.8	9.0	13.1	7.6	58.2	1.4	1.8	59.7	17	16.4	22
MEDIA ANUAL	18.2	28.3	20.9	22.1	29.6	17.2	32.4	—	14.6	—	92	42	82	72	30	17.2	9.0	13.9	6.5	147.4	13.7	20.4	181.5	238	44.2	—

PRECIPITACION TOTAL: 2,178.1

PRECIPITACION MAXIMA: 88.3 x - 10

DIAS LLUVIOSOS: 238

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

ESTACION: Santiago de los Caballeros

AÑO: 1.968

MESES	PRECIPITACION												TOTAL					TEMPERATURA					
	7 HORAS			14 HORAS			20 HORAS			MÁS de:			MÁS de:	18 °C	20 °C	22 °C	Máxima	Mínima					
	Más de:	100	200	500	Más de:	100	200	500	Más de:	10	25	50							100	200	500		
ENERO	8	16	4	2	1	5	2	1	-	-	-	-	12	7	6	5	5	2	1	12	9	2	7
FEBRERO	19	14	3	1	-	6	4	-	-	-	-	-	21	17	8	5	4	1	-	3	8	5	4
MARZO	15	12	6	2	-	3	3	-	-	-	-	-	17	14	10	9	7	3	-	6	8	9	-
ABRIL	16	12	6	6	-	8	2	-	-	-	-	-	19	16	13	12	8	5	-	4	11	3	-
MAYO	16	14	5	2	-	10	3	1	-	-	-	-	23	20	13	10	6	4	1	5	12	10	2
JUNIO	17	16	7	2	1	8	4	1	-	-	-	-	22	17	14	12	8	3	-	3	11	13	-
JULIO	16	13	3	2	-	8	5	1	-	-	-	-	21	13	12	5	4	2	-	3	12	3	3
AGOSTO	17	14	3	-	-	8	2	-	-	-	-	-	20	16	15	12	5	1	-	4	14	4	7
SEPTBRE.	14	11	9	2	1	11	2	-	-	-	-	-	22	16	11	10	8	2	1	5	8	4	2
OCTUBRE	20	16	5	4	1	10	7	2	-	-	-	-	24	20	15	11	8	6	1	3	10	10	1
NOVIEMBRE	17	13	6	4	-	9	-	-	-	-	-	-	20	16	13	11	7	5	-	1	6	6	-
DIOSBRE.	13	8	3	-	-	8	2	1	-	-	-	-	17	8	5	4	3	-	-	8	6	1	3
SUMA ANUAL	188	149	60	27	4	94	32	6	-	-	-	-	238	180	135	106	73	34	4	57	115	70	29

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.																								TOTAL
	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	
ENERO	3	1	4	4	3	2	4	4	2	1	1	1	-	1	-	-	-	-	-	-	-	-	-	1	10
FEBRERO	4	7	10	4	5	5	2	2	3	3	1	1	1	-	-	1	2	2	-	-	1	2	4	2	17
MARZO	8	6	9	6	5	5	2	2	2	1	-	-	-	-	2	1	2	-	-	-	3	5	4	5	19
ABRIL	9	8	9	7	5	4	5	4	5	4	5	-	-	1	-	2	3	3	3	3	5	7	6	6	20
MAYO	5	2	5	8	8	5	4	5	3	2	1	1	-	2	4	8	4	3	1	2	1	4	3	6	23
JUNIO	9	9	7	7	5	5	2	3	1	2	1	1	1	4	5	2	2	1	2	3	3	5	6	5	22
JULIO	6	4	3	4	5	4	6	5	5	2	1	-	-	2	2	3	-	1	2	2	3	2	1	3	21
AGOSTO	5	5	7	5	5	5	1	2	5	3	1	1	2	2	3	-	-	2	3	1	2	1	4	5	21
SEPTBRE.	7	8	8	6	5	3	4	2	5	2	2	2	1	-	2	3	2	-	3	4	6	7	6	23	
OCTUBRE	8	9	9	10	9	7	5	8	7	4	-	-	-	2	3	3	2	2	4	4	4	4	5	25	
NOVIEMBRE	6	5	6	7	6	3	5	5	5	5	-	-	-	1	1	3	3	6	5	5	7	6	7	21	
DIOSBRE.	6	4	2	4	5	4	2	7	1	-	-	-	-	-	1	-	-	-	1	1	1	1	1	3	16
SUMA ANUAL	76	68	79	74	68	52	45	48	46	19	8	7	6	14	18	21	21	24	20	22	32	43	48	54	238

DATOS DIARIOS

Estación E. Central Mes Enero Año 1968 φ = 40° 48' N λ = 75° 43' W OR Altura 2.400 M.

Table with columns: Temperaturas (7, 14, 20, Med., Máx., Mín., Mínima Safo), Tension del Vapor (7, 14, 20, Med.), Humedad Relativa (7, 14, 20, Med.), Nubosidad Decimales, Brillo Solar, Precipitacion (7, 14, 20, Total), Evaporacion, Vientos (7, 14, 20, Direc., Fuerza).

Precipitación total 1228.0 mm.

DATOS DIARIOS

Estación #1 Cedral Mes Febrero Año 1968 φ = 48° 48' N λ = 75° 43' W GR Altura 2.400 m.

Table with columns: Dias, TEMPERATURAS (7, 14, 20, Med., Máx., Mín., Mínima Suave), TENSION DEL VAPOR (7, 14, 20, Med., m m), Humedad Relativa (7, 14, 20, Med. %), NUBOSIDAD (Brillo Solar, Horas), PRECIPITACION (7, 14, 20, Total, m m), EVAPORACION, and VIENTOS (7, 14, 20, DIRECCION, FUERZA, Km. Hora).

Precipitación total : 251.7 mm.

DATOS DIARIOS

Estación El Cedral Mes Marzo Año 1968 $\varphi = 4^{\circ} 48' N$ $\lambda = 75^{\circ} 43' WGR$ Altura 2.400 M.

Días	TEMPERATURAS				TENSION DEL VAPOR				Humedad Relativa %				Nubosidad DECIMOS	Brillo Solar Horas	PRECIPITACION m m				EVAPORACION m m	VIENTOS							
	Med.		Máx. Min.		Mínima Suelo		Med.		Med.		Med.				7		14			20		7		14		20	
	7	14	20	Med.	Máx.	Min.	Mínima Suelo	7	14	20	Med.	7			14	20	Med.	7		14	20	Total	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA
1	12.0	18.0	14.8	14.9	19.8	11.8	10.0	10.2	11.7	10.6	95	-66	93	85	6.7	2.1	—	—	—	—	—	—	—	—	—	—	
2	13.8	18.3	13.6	14.8	19.0	10.0	9.0	10.2	10.5	9.2	93	65	90	83	6.7	3.5	0.8	—	—	—	—	—	—	—	—	—	
3	12.0	16.0	13.8	13.9	18.4	11.7	10.0	10.8	11.1	10.6	95	80	94	90	8.0	1.9	32.5	—	—	—	—	—	—	—	—	—	
4	11.0	16.8	14.3	14.1	19.0	10.3	9.4	10.5	11.5	10.5	95	73	95	88	8.0	3.2	—	—	—	—	—	—	—	—	—	—	
5	9.3	19.0	14.6	14.4	19.4	8.6	5.5	10.3	11.2	9.0	80	62	90	77	7.7	4.1	—	—	—	—	—	—	—	—	—	—	
6	10.4	19.1	15.0	14.9	20.3	9.3	8.1	9.9	12.1	10.0	86	60	95	80	6.0	4.3	—	—	—	—	—	—	—	—	—	—	
7	10.0	17.6	12.4	13.1	18.1	9.6	7.3	9.7	9.7	8.9	80	65	90	78	5.0	2.8	—	—	—	—	—	—	—	—	—	—	
8	11.4	16.7	13.0	13.5	18.0	11.0	9.1	9.4	10.7	9.7	90	65	96	84	10.0	0.6	—	—	—	—	—	—	—	—	—	—	
9	11.0	16.5	14.0	13.9	17.0	10.6	9.4	10.8	11.4	10.5	95	76	95	89	10.0	2.1	—	—	—	—	—	—	—	—	—	—	
10	12.4	16.6	13.7	14.1	18.0	12.0	10.3	10.5	11.1	10.6	95	74	94	88	7.3	0.2	—	—	—	—	—	—	—	—	—	—	
11	11.0	15.8	13.6	13.5	18.1	10.3	9.4	10.7	10.8	10.3	95	80	93	89	8.0	2.6	15.8	—	—	—	—	—	—	—	—	—	
12	11.7	16.5	13.7	13.9	17.5	11.3	9.7	11.2	14.7	11.9	93	80	96	90	6.0	1.9	—	—	—	—	—	—	—	—	—	—	
13	15.0	20.0	12.7	15.1	20.6	14.3	11.0	10.6	10.0	10.5	86	60	90	79	7.0	4.8	—	—	—	—	—	—	—	—	—	—	
14	11.8	17.3	12.8	13.7	18.3	10.3	9.8	11.5	10.5	10.6	94	78	95	89	6.0	1.7	—	—	—	—	—	—	—	—	—	—	
15	12.0	16.2	13.6	13.8	17.0	11.5	10.0	11.0	11.1	10.7	95	80	95	90	10.0	0.8	—	—	—	—	—	—	—	—	—	—	
16	11.5	15.8	12.1	12.9	16.8	11.0	9.7	10.7	10.2	10.2	95	90	95	90	8.7	0.3	0.2	0.3	10.9	11.2	—	—	—	—	—	—	
17	11.3	14.7	11.9	12.4	14.9	10.7	9.7	11.3	9.9	10.3	98	90	96	95	6.7	0.2	—	—	—	—	—	—	—	—	—	—	
18	12.0	17.0	12.8	13.6	17.7	11.0	10.0	11.6	10.6	10.7	95	80	96	90	10.0	0.2	1.9	0.3	9.0	9.3	—	—	—	—	—	—	
19	11.8	16.6	13.8	14.0	19.0	11.5	9.9	11.3	11.2	10.8	95	80	95	90	7.3	2.3	—	—	—	—	—	—	—	—	—	—	
20	12.0	17.7	13.6	14.2	18.4	10.8	10.0	11.3	11.2	10.8	95	74	96	88	8.3	2.7	—	—	—	—	—	—	—	—	—	—	
21	12.0	19.3	14.0	14.8	20.0	10.4	9.4	11.9	10.8	10.7	90	72	90	84	10.0	1.6	—	—	—	—	—	—	—	—	—	—	
22	13.2	18.0	14.0	14.8	19.1	11.4	9.5	12.4	10.8	10.9	84	80	90	85	7.0	1.7	—	—	—	—	—	—	—	—	—	—	
23	11.6	20.0	14.5	15.2	21.0	10.7	9.0	10.1	11.6	10.2	88	58	94	80	8.3	3.3	—	—	—	—	—	—	—	—	—	—	
24	12.0	15.6	12.4	13.1	16.8	11.5	2.4	11.8	10.3	10.5	90	88	95	93	6.3	0.1	—	—	—	—	—	—	—	—	—	—	
25	10.0	18.3	13.9	14.2	19.3	9.4	8.7	11.3	11.2	10.4	94	70	95	86	7.3	4.2	—	—	—	—	—	—	—	—	—	—	
26	13.0	20.3	13.3	15.5	21.0	11.0	9.5	10.7	11.5	10.6	85	60	95	80	6.0	4.4	—	—	—	—	—	—	—	—	—	—	
27	12.0	16.3	13.0	13.6	20.4	11.8	9.8	12.6	10.1	10.8	93	91	90	91	6.7	2.5	—	—	—	—	—	—	—	—	—	—	
28	11.8	17.8	15.0	14.9	19.9	11.2	9.5	12.3	12.0	11.3	92	80	94	89	8.0	2.6	—	—	—	—	—	—	—	—	—	—	
29	11.0	17.0	13.3	13.6	19.0	10.6	9.4	12.5	10.8	10.9	95	86	95	92	8.7	2.0	—	—	—	—	—	—	—	—	—	—	
30	11.9	16.3	14.1	14.1	19.6	11.4	9.9	12.3	11.4	11.2	95	90	95	93	8.0	4.3	—	—	—	—	—	—	—	—	—	—	
31	12.4	18.8	15.0	15.3	21.1	11.0	9.7	12.4	12.3	11.5	90	76	96	89	9.0	5.2	—	—	—	—	—	—	—	—	—	—	
Med.	11.8	17.4	13.6	14.1	18.8	10.9	9.4	11.1	11.1	10.5	92	75	94	87	7.8	2.4	1.7	1.1	2.2	5.0	—	—	—	—	—	—	

Precipitación total : 155.6 mm.

DATOS DIARIOS

Estación . . . El Central . . . Año 1968 . . . Mes . . . Abril . . . $\phi = 4^{\circ} 48' N$. . . $\lambda = 75^{\circ} 43' W$ G.R. . . . Altura . . . 2,400 M.

Días	TEMPERATURAS °C				TENSIÓN DEL VAPOR mm				Humedad Relativa %				NUBOSIDAD DECIMOS	Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS								
	7	14	20	Med.	Máx.	Min.	Mínima Suelo	7	14	20	Med.	7			14	20	Total	7	14	20	7	14	20	DIREC. CION	FUERZA Km./Hora	DIREC. CION	FUERZA Km./Hora	DIREC. CION	FUERZA Km./Hora
1	14.0	17.3	14.6	15.1	18.0	12.5		10.2	12.3	11.7	11.4	85	84	94	88	10.0	0.8												
2	13.1	16.4	13.3	14.0	20.0	12.0		9.5	11.1	10.3	10.3	84	80	90	85	9.0	3.1												
3	13.1	16.8	14.7	15.3	20.0	12.0		10.3	12.0	11.3	11.2	80	74	90	85	7.0	0.8												
4	13.0	17.4	14.1	14.6	18.6	12.4		12.7	11.9	11.5	12.0	88	80	96	88	8.0	0.5												
5	11.8	18.0	15.6	15.2	21.8	10.6		9.9	12.4	12.5	11.6	95	80	94	90	8.0	3.8												
6	14.0	19.5	15.0	15.9	20.0	13.6		11.4	11.9	12.3	11.9	95	70	96	87	10.0	2.4												
7	13.1	15.4	14.7	14.5	20.7	12.7		10.9	11.8	11.7	11.5	96	90	93	93	10.0	2.4												
8	13.0	17.3	13.3	14.2	19.3	12.5		10.5	11.5	10.9	11.0	95	78	96	90	8.0	1.4												
9	11.8	14.5	13.7	13.4	17.6	11.4		9.7	11.1	11.3	10.7	93	90	96	93	6.0	1.6												
10	13.0	17.1	12.8	13.9	18.2	12.0		10.5	11.1	10.6	10.7	94	75	96	88	7.0	1.1												
11	12.6	14.7	12.1	12.9	17.0	11.7		10.4	10.0	10.2	10.2	95	80	96	90	10.0	1.8												
12	12.0	17.0	13.1	13.8	18.6	11.5		10.3	10.2	10.5	10.3	98	70	95	88	10.0	1.6												
13	11.6	15.5	13.3	13.4	19.0	10.4		9.9	10.4	10.7	10.3	87	94	95	92	9.0	2.5												
14	12.7	16.3	12.6	13.6	17.4	11.0		10.2	11.8	10.7	10.9	82	85	97	91	10.0													
15	11.5	20.0	13.6	14.7	20.3	11.3		9.8	10.6	10.9	10.4	96	60	94	83	10.0	3.4												
16	12.0	14.0	12.0	12.5	18.8	11.4		9.7	11.1	9.7	10.2	92	93	92	92	7.7	3.6												
17	11.3	19.4	15.0	15.2	21.4	10.3		8.9	10.2	12.1	10.4	90	60	95	82	8.7	7.4												
18	12.4	15.2	13.0	13.4	16.8	11.8		10.0	11.6	10.5	10.7	93	90	95	93	10.0	1.2												
19	12.0	18.7	13.4	14.4	20.0	11.3		9.9	10.7	11.0	10.5	94	66	96	85	8.0	6.3												
20	11.0	19.1	14.8	14.9	19.6	10.0		9.4	11.5	12.1	11.0	95	70	96	87	7.0	4.8												
21	13.0	19.0	13.0	14.5	20.9	10.8		10.1	11.5	11.1	10.9	90	70	99	66	9.0	3.4												
22	12.4	16.0	13.4	13.8	19.0	11.0		10.3	11.7	10.8	10.9	95	86	94	92	7.0	2.9												
23	13.6	16.4	13.8	14.4	18.2	10.3		11.2	12.6	11.3	11.7	96	90	96	94	7.3	1.7												
24	12.6	18.6	13.1	14.4	19.0	11.8		10.1	12.5	10.8	11.1	92	78	95	88	10.0	2.2												
25	12.8	13.8	12.1	12.7	17.2	12.5		10.4	10.9	10.1	10.5	94	92	94	93	8.7	3.3												
26	10.0	14.9	13.1	12.8	20.3	9.9		8.7	12.1	10.5	10.4	94	96	95	95	10.0	2.9												
27	11.7	16.4	13.8	13.9	19.3	10.8		9.7	12.6	11.2	11.2	93	90	95	93	7.7	3.9												
28	12.4	16.5	13.0	13.7	19.3	12.0		10.2	12.7	10.5	11.1	94	90	95	93	8.7	1.7												
29	12.0	15.0	12.8	13.2	19.0	10.6		10.0	11.7	10.5	10.7	96	92	95	94	9.0	2.7												
30	12.2	16.8	13.1	13.8	19.0	11.1		10.1	12.1	10.5	10.9	94	85	95	91	6.7	3.0												
31																													
Med.	12.4	16.8	13.5	14.1	19.1	11.4		10.2	11.5	11.0	10.9	93	81	95	90	8.6	2.6												

Precipitación total : 381.1 m.m.

DATOS DIARIOS

Estación E1 Condral Mes Mayo Año 1968 $\phi = 40^{\circ} 48' N$ $\lambda = 75^{\circ} 43' WGR$ Altura 2.400 M.

Días	TEMPERATURAS °C						TENSION DEL VAPOR mm						Humedad Relativa %						NUBOSIDAD DECIMOS			Brillo Solar Horas			PRECIPITACION mm			EVAPORACION mm			VIENTOS										
	7		14		20		7		14		20		7		14		20		7			14			20			7			14			20							
	Med.	Máx.	Min.	Mínima Suelo	Med.	Máx.	Min.	Mínima Suelo	Med.	Máx.	Min.	Mínima Suelo	Med.	Máx.	Min.	Mínima Suelo	Med.	Máx.	Min.	Med.	Máx.	Min.	Med.	Máx.	Min.	Med.	Máx.	Min.	Med.	Máx.	Min.	Med.	Máx.	Min.	DIREC. CION	FUERZA Km./Hora	DIREC. CION	FUERZA Km./Hora	DIREC. CION	FUERZA Km./Hora	
1	13.1	22.2	14.7	16.2	23.0	11.8		10.5	8.0	10.7	9.7	7.7	4.6	5.7	4.6																										
2	13.5	21.4	15.4	16.4	23.4	11.0		9.9	7.6	11.8	8.1	6.7	8.1	6.0	6.2																										
3	13.1	20.4	15.3	16.0	21.2	12.0		10.3	10.9	11.6	10.9	9.0	6.0	9.0	6.0																										
4	11.8	20.0	14.8	15.4	20.3	11.4		9.3	11.5	11.7	10.8	9.0	6.6	9.3	8.3	10.0	3.2																								
5	12.7	17.0	14.4	14.6	18.4	11.3		10.0	13.1	11.5	11.5	9.0	9.0	9.4	9.1	10.0	0.2																								
6	11.3	16.3	14.0	13.9	19.1	10.8		9.4	11.5	11.5	10.8	9.4	8.4	9.6	9.1	10.0	2.3																								
7	12.0	15.2	11.4	12.5	17.0	11.3		10.5	12.1	9.9	10.8	9.5	9.0	9.4	9.3	10.0	1.1																								
8	12.5	15.9	12.3	13.2	17.1	11.6		9.7	11.2	10.2	10.4	9.0	8.3	9.5	8.9	10.0	1.8																								
9	12.0	16.4	12.8	13.5	19.3	10.3		9.8	10.7	9.6	10.0	9.3	8.3	9.5	9.0	10.0	0.5																								
10	13.2	18.4	13.0	14.4	18.8	11.4		9.7	12.2	10.3	10.7	9.3	8.6	9.3	9.1	7.0	2.3																								
11	13.0	16.0	13.0	13.8	19.2	11.4		10.1	12.0	10.5	10.9	9.0	8.8	9.5	9.1	10.0	3.1																								
12	10.8	20.0	15.3	15.4	20.6	10.3		9.1	12.2	11.6	11.0	9.4	7.0	9.0	8.5	8.0	5.2																								
13	13.0	18.8	13.0	14.4	20.3	11.8		10.5	11.6	10.1	10.7	9.5	7.1	9.0	8.5	10.0	2.4																								
14	12.7	19.0	12.4	14.0	19.4	11.1		10.5	11.5	10.0	10.7	9.5	7.0	9.5	8.7	10.0	1.5																								
15	11.3	21.4	15.3	15.8	22.0	10.8		9.4	11.5	11.6	10.8	9.4	6.0	9.0	8.1	8.3	8.8																								
16	12.8	17.0	12.8	13.8	19.1	12.0		10.6	13.1	10.5	11.4	9.6	9.0	9.5	9.4	10.0	2.0																								
17	12.8	17.0	12.8	13.8	19.1	12.0		10.6	13.1	10.5	11.4	9.6	9.0	9.5	9.4	10.0	2.0																								
18	13.1	17.0	13.1	14.1	18.1	10.8		10.7	11.9	10.5	11.0	9.6	8.1	9.4	9.0	8.7	0.5																								
19	11.0	17.6	14.8	14.6	19.6	11.0		9.4	11.3	11.8	10.8	9.5	7.5	9.4	8.8	7.0	6.2																								
20	10.9	16.1	12.8	13.2	18.6	10.3		9.3	12.3	10.3	10.6	9.5	9.0	9.3	8.7	3.2																									
21	12.1	17.0	13.8	14.2	17.8	11.1		9.8	10.9	11.2	10.6	9.3	7.5	9.5	8.8	6.3	1.7																								
22	11.5	17.0	13.4	13.8	18.6	10.1		9.1	11.6	10.8	10.5	9.0	8.0	9.3	8.8	10.0	1.7																								
23	11.2	18.0	13.1	13.8	20.0	10.6		8.9	12.4	10.7	10.7	9.0	8.0	9.6	8.9	9.0	3.7																								
24	12.5	16.4	13.7	14.1	20.8	11.2		9.7	13.1	11.2	10.7	9.0	8.0	9.5	8.8	9.0	4.7																								
25	12.8	19.0	14.0	14.9	20.0	10.9		10.5	11.5	11.5	11.2	9.5	7.0	9.6	8.7	9.0	3.1																								
26	13.0	15.3	14.0	14.1	17.6	12.8		10.5	12.0	10.8	11.1	9.5	9.3	9.0	9.3	10.0	0.3																								
27	12.0	18.0	14.0	14.5	20.0	10.8		10.0	11.6	11.2	10.9	9.6	7.5	9.4	8.8	8.3	4.1																								
28	12.4	19.8	14.1	15.1	20.3	11.4		10.3	12.0	11.5	11.3	9.5	7.0	9.6	8.7	10.0	2.1																								
29	13.3	17.0	13.8	14.5	20.0	12.6		10.6	11.6	11.6	11.8	9.5	8.0	9.7	9.0	10.0	2.5																								
30	13.1	16.4	14.6	14.7	18.0	12.2		10.7	12.0	11.8	11.5	9.6	8.6	9.5	9.2	10.0	0.8																								
31	13.4	16.8	13.4	14.2	17.0	12.7		11.0	11.8	10.9	11.2	9.6	8.2	9.5	9.1	8.7	0.7																								
Med	12.4	17.8	13.7	14.4	19.4	11.3		10.0	11.5	10.9	10.8	9.3	7.6	9.3	8.7	8.9	3.0																								

Precipitación total = 151.1 mm.

DIARIOS

Estación El Cedreal Mes Junio Año 1966 $\phi = 4^{\circ}48' N$ $\lambda = 75^{\circ}43' WGR$ Altura 2.400 M.

Días	TEMPERATURAS				TENSION DEL VAPOR				Humedad Relativa			Brillo Solar Horas	PRECIPITACION			VIENTOS							
	7	14	20	Med.	Mínima Suolo	7	14	20	Med.	7	14		20	Total	7	14	20	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA
1	13.3	14.0	12.6	13.1	16.2	12.9	10.9	10.8	10.5	10.7	96	90	96	94	10.0	—	—	—	—	—	—	—	—
2	12.4	16.8	13.0	13.8	17.4	12.0	10.3	12.3	10.5	11.0	96	86	95	92	10.0	0.2	1.7	2.7	0.8	3.5	—	—	—
3	10.0	16.3	13.0	13.1	18.4	9.7	8.9	11.4	10.5	10.3	96	83	95	91	10.0	3.6	—	—	0.1	0.1	—	—	—
4	12.5	19.0	13.2	14.5	20.0	11.8	10.3	11.5	10.8	10.9	95	70	95	87	10.0	2.9	—	—	25.5	25.5	—	—	—
5	12.5	13.0	12.0	12.4	15.0	11.5	10.3	10.1	10.0	10.1	95	90	96	94	10.0	—	—	—	3.9	4.3	30.3	—	—
6	10.8	14.8	14.3	13.6	15.8	10.0	9.3	10.0	9.3	9.5	95	80	93	89	10.0	0.2	22.1	4.6	—	4.6	—	—	—
7	9.0	20.6	12.3	14.3	21.2	10.0	10.0	9.2	10.2	9.8	95	50	95	80	10.0	6.6	—	—	—	46.8	46.8	—	—
8	9.8	18.1	13.5	13.7	20.0	9.1	8.6	11.6	11.0	10.4	95	75	95	88	7.0	4.5	—	—	—	7.7	16.8	—	—
9	11.8	19.6	13.4	14.6	20.6	10.4	9.9	10.9	10.9	10.6	96	63	95	85	10.0	5.7	9.1	—	20.6	20.6	—	—	—
10	12.0	17.0	13.9	14.2	20.3	11.0	10.0	12.7	11.2	11.3	95	88	95	93	8.0	6.9	—	—	—	—	—	—	—
11	12.5	18.8	14.3	15.0	19.6	12.1	10.4	11.3	11.2	11.0	86	70	93	86	10.0	3.7	2.3	—	—	—	—	—	—
12	13.1	18.0	14.0	14.8	19.2	11.8	10.1	10.2	11.1	10.5	90	66	93	83	10.0	1.2	—	—	0.2	—	—	—	—
13	13.0	16.2	14.2	14.8	19.0	11.8	10.5	11.5	11.5	11.2	94	73	95	87	8.7	3.7	3.6	2.1	0.1	2.2	—	—	—
14	11.3	17.9	14.8	14.7	20.0	10.8	9.3	10.6	11.3	10.4	93	70	90	84	10.0	5.4	—	—	0.6	—	—	—	—
15	12.3	20.6	13.9	15.2	21.3	11.9	9.9	11.2	11.2	10.8	93	61	95	83	10.0	6.2	4.4	—	—	—	—	—	—
16	13.1	15.5	12.8	13.6	17.7	11.7	10.7	12.2	10.5	11.1	96	92	95	94	10.0	0.4	1.0	3.7	3.8	7.5	—	—	—
17	13.0	15.2	12.7	13.4	18.3	11.0	10.7	11.1	10.6	10.8	96	86	96	93	10.0	2.4	—	—	0.5	0.8	1.3	—	—
18	11.4	15.6	13.3	13.4	16.8	10.4	9.4	11.9	10.9	10.7	93	90	96	93	9.0	3.3	—	—	1.8	3.2	5.0	—	—
19	11.3	18.0	13.6	14.1	19.2	10.0	8.9	12.4	11.1	10.8	90	80	95	88	10.0	2.6	—	—	0.2	4.4	4.6	—	—
20	12.8	19.9	13.2	14.8	21.2	12.3	10.5	9.7	10.3	10.2	95	56	90	80	6.7	6.4	—	—	—	—	—	—	—
21	13.0	17.0	14.2	14.6	19.9	11.8	10.5	11.6	11.5	11.2	95	80	95	90	8.0	0.5	—	—	6.0	1.6	7.7	—	—
22	13.8	15.6	13.7	14.2	18.8	12.4	11.1	11.8	11.3	11.4	94	90	96	93	9.0	2.3	0.1	9.8	4.7	25.9	—	—	
23	12.8	17.0	14.0	14.4	17.4	10.6	10.3	11.6	10.8	10.9	93	80	90	88	9.3	2.3	11.4	—	—	—	—	—	—
24	12.3	19.0	13.4	14.5	25.3	11.8	10.2	11.5	10.4	10.7	95	70	80	85	10.0	3.2	0.5	—	—	—	—	—	—
25	12.3	18.4	13.2	14.3	20.2	10.8	9.8	10.0	10.8	10.2	93	63	95	84	8.0	1.8	—	—	0.9	—	0.9	—	—
26	12.0	16.0	13.1	13.6	18.3	10.4	9.4	10.3	10.5	10.1	90	90	95	92	9.3	2.8	—	—	0.1	—	0.1	—	—
27	11.1	18.0	13.0	13.8	19.9	10.7	8.9	11.4	10.4	10.2	90	71	91	85	7.0	4.6	—	—	0.4	3.2	3.6	—	—
28	12.6	17.5	13.8	14.8	18.3	11.8	10.2	12.4	10.9	11.2	93	83	93	90	10.0	1.4	—	—	5.1	—	5.1	—	—
29	12.6	15.9	13.1	13.7	19.2	11.3	10.2	10.7	10.5	10.5	93	80	95	89	10.0	3.4	—	—	—	—	—	—	—
30	12.1	17.1	14.3	14.4	17.6	11.6	10.2	11.6	11.7	11.2	95	80	95	90	9.0	1.1	1.2	0.2	—	—	1.2	—	—
Med.	12.2	17.3	13.5	14.1	19.1	11.2	10.0	11.2	10.8	10.7	94	77	94	88	9.3	2.9	1.9	3.0	4.5	9.4	—	—	—

Precipitación total 282.3 m.m.

DATOS DIARIOS

Altura 2.400. M.

λ = 75° 43' WGR

φ = 4° 48' N

Año 1916

Mes Julio

Estación #1 Central

Días	TEMPERATURAS °C				TENSIÓN DEL VAPOR m m				Humedad Relativa %				BRILLO SOLAR HORAS		PRECIPITACION m m			VIENTOS													
	7	14	20	Med.	Máx.	Mín.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	DIREC. CION	FUERZA	DIREC. CION	FUERZA	DIREC. CION	FUERZA			
																													Evaporación		
1	12.1	17.2	12.2	13.4	18.6	11.4		10.0	10.3	10.2	10.2	96	70	96	87	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	11.1	19.0	14.2	14.6	19.6	10.3		8.9	10.3	11.6	10.3	80	62	96	83	6.7	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—	
3	12.1	19.3	13.0	14.4	20.0	11.3		9.4	10.0	10.4	9.9	90	60	93	81	7.0	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—	
4	12.1	17.3	12.4	13.6	18.1	11.6		10.0	11.2	10.3	10.5	96	76	96	89	7.3	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	
5	12.4	18.1	15.3	15.3	20.4	10.6		10.0	11.6	11.6	11.1	93	75	90	86	7.3	4.9	—	—	—	—	—	—	—	—	—	—	—	—	—	
6	13.0	16.6	13.3	14.0	17.6	11.4		10.5	12.8	10.9	11.4	95	80	96	94	9.0	1.4	—	—	—	—	—	—	—	—	—	—	—	—	—	
7	11.4	20.3	14.9	15.4	22.1	11.0		9.6	11.6	11.3	10.8	95	66	90	84	7.0	8.2	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	15.5	20.0	14.1	15.9	21.2	10.7		9.1	10.6	10.8	10.2	90	60	90	80	7.0	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	13.0	18.6	14.5	15.2	20.0	12.3		10.1	12.1	11.1	11.1	80	75	90	85	10.0	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	13.1	20.0	13.4	15.0	20.6	12.0		9.9	11.5	11.0	10.8	88	66	96	83	4.7	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	11.5	17.3	13.2	13.8	19.9	10.4		9.1	10.3	10.3	9.9	90	70	90	83	8.0	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	11.0	18.6	14.1	14.5	19.3	10.4		9.2	11.3	11.2	10.6	93	70	94	94	6.7	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	10.8	17.0	14.6	14.2	20.4	10.3		8.8	11.9	11.5	10.7	90	81	93	88	5.0	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	13.0	17.0	14.1	14.6	20.3	11.7		10.5	10.7	10.8	10.7	95	73	90	86	8.3	2.6	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	12.3	18.8	14.3	13.1	17.2	12.0		10.1	11.6	11.6	11.1	94	71	96	87	6.7	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	12.8	14.0	12.8	13.1	17.2	12.0		10.6	11.1	10.6	10.8	96	93	96	95	8.0	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	12.4	15.9	14.0	14.0	17.7	11.6		10.4	12.2	11.5	11.4	97	93	96	95	8.7	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	11.0	16.0	12.5	13.0	18.1	10.4		9.4	11.7	10.0	10.4	95	86	95	92	7.0	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	12.0	15.6	14.3	14.0	18.1	10.6		10.0	12.3	11.5	11.3	96	93	95	95	10.0	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	12.8	16.8	13.1	14.0	17.4	12.0		10.0	10.5	10.4	10.3	90	73	93	85	10.0	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	12.0	18.8	12.5	13.9	20.4	11.0		10.0	9.9	10.4	10.1	95	60	96	84	10.0	2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	12.0	15.6	11.4	12.6	18.1	11.6		10.0	10.3	11.8	10.7	95	78	96	90	8.0	2.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	11.4	15.4	14.0	13.7	19.3	10.6		9.5	10.6	11.5	10.5	95	82	96	91	8.0	3.5	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	12.0	19.4	14.3	15.0	20.0	11.0		10.4	12.7	11.0	11.3	97	75	91	88	5.0	5.9	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	11.8	20.6	14.2	15.2	21.8	11.0		9.9	12.7	12.3	11.6	96	70	86	84	3.7	6.4	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	12.4	20.9	14.7	15.7	22.4	12.0		10.3	9.2	12.0	10.5	95	50	95	80	3.0	7.4	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	12.5	23.0	14.7	15.7	21.8	11.6		10.1	10.5	12.0	10.9	93	56	95	81	7.3	8.5	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	13.0	20.0	15.7	15.7	20.4	11.4		10.1	10.6	11.6	10.8	90	60	90	80	6.0	3.8	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	13.0	22.3	14.9	16.3	23.3	12.5		10.1	10.1	8.0	11.3	9.8	90	40	73	6.7	8.2	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	13.0	20.5	15.0	15.9	21.3	12.0		10.5	10.8	11.0	10.8	94	60	86	80	7.0	5.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	12.5	17.3	13.8	14.4	18.4	12.0		10.4	12.9	11.3	11.5	96	88	96	93	8.0	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—	
Med.	12.3	18.2	13.8	14.5	19.8	11.3		9.9	11.1	11.1	10.7	93	72	93	86	7.2	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total																															

Precipitación total : 11.2 m.m.

DATOS DIARIOS

Estación El Condral

Mes Agosto

Año 1968

$\phi = 4^{\circ} 48' N$ $\lambda = 79^{\circ} 43' W$ OR

Altura 2.400 M.

Días	TEMPERATURAS °C						TENSIÓN DEL VAPOR m m						Humedad Relativa %			NUBOSIDAD DEÍMOS			Brillo Solar Horas			PRECIPITACION m m			EVAPORACION m m			VIENTOS								
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20		7		14		20	
	Med.	Max.	Min.	Minima Suelo	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA				
1	13.0	16.8	14.0	14.4	18.3	12.8	10.1	12.5	11.5	11.4	9.0	88	96	91	9.0	0.5																				
2	12.8	19.5	14.1	15.1	20.0	11.0	10.3	11.9	11.4	11.2	9.3	70	95	86	6.7	6.8	1.1																			
3	11.0	18.8	14.0	14.4	20.0	10.4	9.4	10.0	11.1	10.2	9.5	61	93	83	7.7	6.0																				
4	11.4	17.2	14.6	14.4	20.4	9.6	9.1	10.3	11.8	10.4	9.0	70	95	85	6.7	5.2																				
5	13.0	17.6	13.3	14.3	19.0	12.2	10.7	10.7	10.9	10.8	9.6	71	96	88	10.0	1.7																				
6	12.0	17.4	14.0	14.4	18.4	11.4	10.0	11.9	11.4	11.1	9.5	80	95	90	10.0	1.4																				
7	13.0	19.4	14.1	15.2	20.2	11.4	10.7	11.6	11.5	11.3	9.6	70	96	87	5.0	5.1	1.6																			
8	10.0	20.0	13.7	14.4	21.2	9.6	8.8	9.4	10.7	9.6	9.5	53	90	79	5.3	4.3	1.0																			
9	13.0	23.0	13.3	15.6	24.0	12.0	10.4	6.3	8.5	8.4	9.2	30	75	66	1.7	9.1																				
10	12.0	19.8	14.1	15.0	20.3	9.5	9.4	11.4	11.0	10.6	9.0	66	91	82	5.3	5.4																				
11	12.1	20.3	14.2	15.2	20.6	11.0	10.2	9.8	10.9	10.3	9.5	55	90	80	5.0	5.2																				
12	11.3	19.8	14.4	15.0	22.2	10.0	9.6	10.5	10.4	10.2	9.6	60	85	80	4.7	7.4																				
13	11.0	22.0	14.6	15.6	22.8	10.6	8.4	9.1	10.4	9.3	8.5	46	84	72	3.0	9.4																				
14	12.0	19.0	12.4	14.0	20.0	11.4	9.4	11.5	10.3	10.4	9.0	70	96	85	8.3	1.3																				
15	12.0	20.3	16.4	16.3	21.0	10.6	10.0	11.6	12.6	11.4	9.5	66	90	84	4.0	7.2																				
16	11.8	20.6	14.0	15.1	21.0	10.8	9.3	10.9	10.6	10.3	9.0	60	90	80	6.7	5.6	0.4																			
17	13.4	17.0	14.8	15.0	18.4	11.9	11.0	13.1	12.0	12.0	9.6	90	95	94	9.7	1.6																				
18	14.4	20.0	15.1	16.1	20.8	11.8	10.9	12.2	11.5	11.5	9.0	70	90	83	6.0	3.7																				
19	11.4	19.0	15.0	15.1	21.3	11.3	9.7	10.8	11.0	10.5	9.6	66	86	81	4.0	7.8																				
20	12.0	20.6	14.8	15.6	21.7	11.4	10.0	9.7	11.3	10.3	9.5	53	90	79	6.7	8.2																				
21	13.3	20.8	13.3	15.2	21.4	11.8	10.1	8.2	9.8	9.4	9.4	45	86	75	6.0	4.4																				
22	11.1	20.6	14.8	15.3	21.5	10.8	9.3	10.0	10.8	10.0	9.3	55	86	78	4.7	5.2																				
23	12.0	21.0	14.1	15.3	21.8	11.3	9.4	9.2	10.8	9.8	9.0	50	90	77	5.0	4.2																				
24	13.1	18.0	15.0	15.3	20.2	12.7	10.1	10.8	12.0	11.0	9.0	70	94	85	9.3	2.1																				
25	11.0	17.8	14.0	14.2	19.2	10.6	9.1	10.0	11.5	10.2	9.0	66	96	84	6.7	3.1																				
26	12.0	17.0	14.0	14.2	19.0	11.8	10.0	12.2	11.2	11.2	9.5	84	96	92	9.7	2.1																				
27	12.4	13.9	11.8	12.5	14.8	11.4	10.3	10.3	9.9	10.2	9.6	87	95	93	10.0																					
28	10.0	16.8	14.4	13.9	18.0	9.8	9.2	11.8	11.8	10.9	10.0	82	96	93	8.0	4.0																				
29	11.1	15.0	11.6	12.3	19.0	10.0	8.9	11.6	9.8	10.1	9.0	91	96	92	9.7	2.4																				
30	12.0	16.4	12.8	13.5	17.4	11.3	10.5	11.4	10.5	10.8	10.0	81	95	92	10.0	0.9																				
31	11.5	15.0	13.0	13.1	17.4	10.6	9.6	11.7	10.5	10.6	9.4	92	95	94	10.0	1.1																				
Med.	12.0	18.7	14.0	14.7	20.0	11.0	9.8	10.7	11.0	10.5	9.3	68	92	84	6.9	4.3																				

Precipitación total : 81.6 mm.

DATOS DIARIOS

Altura 2.400 M.

 $\lambda = 75^{\circ} 43'$ W.G.R. $\phi = 4^{\circ} 48' N$

Año 1958

Mes Septiembre

Estación El Cedreal

Días	TEMPERATURAS °C						TENSIÓN DEL VAPOUR m m						Humedad Relativa %						BRILLO SOLAR HORAS		PRECIPITACION m m						VIENTOS					
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20			
	Max.	Min.	Max.	Min.	Max.	Min.	Med.	Med.	Max.	Min.	Max.	Min.	Med.	Med.	Max.	Min.	Max.	Min.	Med.	Med.	Max.	Min.	Med.	Med.	7	14	20	Total	DIRECCION	FUERZA	DIRECCION	FUERZA
1.	11.1	17.2	13.8	14.0	19.4	10.3	9.4	9.7	11.2	10.1	9.5	65	95	85	6.0	1.1	—	—	—	—	—	—	—	—	—	—	—	—	—			
2.	12.0	14.2	12.4	12.8	18.4	11.6	10.0	10.9	9.8	10.2	9.6	90	91	92	10.0	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—			
3.	12.0	17.6	13.3	14.0	20.0	11.1	10.0	12.1	10.6	10.9	95	80	94	90	94	6.1	3.4	—	—	—	—	—	—	—	—	—	—	—	—			
4.	12.3	16.8	13.3	13.9	19.2	11.2	9.6	11.5	10.8	10.6	90	80	95	88	9.0	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—			
5.	10.5	18.0	12.9	13.6	23.0	9.5	9.1	11.5	10.5	10.4	95	74	95	88	7.3	7.5	—	—	—	—	—	—	—	—	—	—	—	—	—			
6.	11.3	14.5	12.8	12.8	20.4	10.4	9.6	11.3	10.5	10.5	95	92	95	94	7.1	4.8	—	—	—	—	—	—	—	—	—	—	—	—	—			
7.	12.0	16.8	11.8	13.1	18.5	10.6	8.9	13.4	9.3	10.5	84	93	90	89	9.0	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—			
8.	11.3	15.4	13.1	13.2	16.9	10.0	9.6	11.8	11.1	10.8	95	90	98	94	10.0	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—			
9.	12.0	16.8	13.0	13.7	18.8	11.4	10.3	12.5	10.1	11.0	98	88	90	92	8.7	4.1	—	—	—	—	—	—	—	—	—	—	—	—	—			
10.	11.5	16.5	13.4	13.7	20.4	10.4	9.7	11.9	10.4	10.7	95	85	90	90	8.7	3.2	—	—	—	—	—	—	—	—	—	—	—	—	—			
11.	13.0	16.6	13.4	14.1	19.0	11.9	10.4	11.3	10.9	10.9	93	80	95	89	10.0	1.4	—	—	—	—	—	—	—	—	—	—	—	—	—			
12.	12.8	21.0	14.0	15.5	21.7	11.0	10.0	9.2	10.8	10.0	90	90	90	77	8.3	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—			
13.	11.7	18.4	14.7	14.9	20.6	10.6	9.9	12.8	11.3	11.3	96	80	90	89	5.0	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—			
14.	13.3	23.0	13.8	16.0	23.5	12.0	10.8	6.3	10.7	9.3	95	30	90	72	5.3	6.2	—	—	—	—	—	—	—	—	—	—	—	—	—			
15.	13.2	18.5	13.0	14.4	20.6	11.4	10.8	9.6	11.3	10.6	95	60	100	85	8.0	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—			
16.	10.8	14.8	13.3	13.0	18.0	10.0	9.1	11.3	10.9	10.4	94	90	96	93	6.7	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—			
17.	11.6	16.4	13.0	13.5	18.8	11.3	9.8	13.2	10.5	11.2	95	94	95	95	10.0	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—			
18.	12.0	17.3	13.2	13.9	20.0	10.8	9.8	13.2	10.0	11.0	93	90	90	92	8.7	5.3	—	—	—	—	—	—	—	—	—	—	—	—	—			
19.	12.1	15.8	13.0	13.5	18.4	10.6	9.6	12.7	10.5	10.9	90	94	95	93	10.0	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—			
20.	11.0	15.8	12.2	12.8	20.0	10.9	9.5	12.8	9.6	10.6	97	95	90	94	7.0	3.1	—	—	—	—	—	—	—	—	—	—	—	—	—			
21.	12.1	17.4	13.5	14.1	19.0	11.3	9.4	11.9	11.2	10.8	90	80	96	89	9.0	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—			
22.	12.1	17.0	14.0	14.3	18.8	11.0	14.6	13.1	11.5	13.1	94	90	96	93	8.0	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—			
23.	11.3	18.3	15.4	15.1	20.3	11.0	9.6	11.0	11.8	10.8	95	71	90	85	8.7	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—			
24.	12.6	20.6	14.4	15.5	21.1	11.2	10.2	9.2	11.5	10.3	93	50	94	79	9.0	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—			
25.	11.9	21.1	13.6	15.0	22.0	11.8	9.8	7.5	11.2	9.5	94	40	96	77	8.0	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—			
26.	11.8	14.0	14.0	13.5	18.3	10.9	9.9	11.5	11.2	10.9	96	96	94	95	9.7	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—			
27.	13.0	18.2	13.6	14.6	20.0	11.0	10.5	11.3	11.2	11.0	95	72	96	88	8.7	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—			
28.	12.0	15.0	13.1	13.3	17.4	11.4	9.9	12.3	10.5	10.9	94	96	95	95	10.0	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—			
29.	11.7	14.9	12.1	12.7	17.8	11.4	9.9	12.1	10.0	10.7	95	96	95	95	10.0	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—			
30.	11.0	14.8	13.6	13.3	16.2	10.5	8.9	12.0	11.1	10.7	90	95	95	93	10.0	0.7	—	—	—	—	—	—	—	—	—	—	—	—	—			
31.	11.9	17.1	13.4	13.9	19.5	10.9	10.0	11.3	10.7	10.7	94	79	94	89	8.4	3.1	—	—	—	—	—	—	—	—	—	—	—	—	—			
Med.	11.9	17.1	13.4	13.9	19.5	10.9	10.0	11.3	10.7	10.7	94	79	94	89	8.4	3.1	—	—	—	—	—	—	—	—	—	—	—	—	—			

Precipitación total : 231.5 m.m.

DATOS DIARIOS

Estación E. I. C. O. G. R. A. I. Mes Octubre Año 1868 $\phi = 48^{\circ} 28' N$ $\lambda = 75^{\circ} 43' WGR$ Altura. 2.400 M.

Días	TEMPERATURA °C					TENSION DEL VAPOR mm					Humedad Relativa			BRILLO SOLAR Horas			PRECIPITACION mm			EVAPORACION mm			VIENTOS							
	7	14	20	Med.	Min.	7	14	20	Med.	Min.	7	14	20	Med.	7	14	20	7	14	20	Total	7	14	20	DIRECCION	FUERZA	Km./hora	DIRECCION	FUERZA	Km./hora
	Máx. Min. Mínima Suabo																													
1	10.6	15.4	13.5	13.2	18.6	10.0	9.2	11.4	11.1	10.6	96	87	96	93	8.7	2.6	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	12.6	17.3	14.8	14.9	18.5	11.8	10.4	12.3	11.6	11.4	95	84	92	90	8.0	3.2	—	—	—	—	—	—	—	—	—	—	—	—	—	
3	12.0	18.6	14.8	15.0	19.3	11.8	10.0	12.1	12.1	11.4	96	75	96	89	10.0	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	
4	12.0	16.0	14.3	14.2	19.0	10.9	10.0	11.2	11.6	10.9	95	83	96	91	8.7	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
5	13.1	14.9	12.4	13.2	17.8	12.0	10.1	11.6	10.3	10.7	90	92	96	93	10.0	1.2	0.3	17.2	1.5	18.7	—	—	—	—	—	—	—	—	—	
6	11.0	15.4	12.8	13.0	18.4	10.3	9.4	12.5	10.5	10.8	95	95	95	95	9.0	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	
7	11.0	16.0	13.0	13.2	17.4	10.0	9.4	13.1	10.7	11.1	95	96	96	96	10.0	1.6	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	12.1	13.6	13.4	13.1	18.3	12.0	10.0	11.2	11.0	10.7	95	96	96	96	9.0	2.7	0.9	59.6	1.5	63.6	—	—	—	—	—	—	—	—	—	
9	12.4	16.9	13.2	13.9	19.0	11.7	9.9	12.3	10.9	11.0	92	86	96	91	10.0	0.9	2.5	0.1	16.4	28.9	—	—	—	—	—	—	—	—	—	
10	11.5	20.4	12.8	14.4	21.2	11.4	8.9	9.2	10.0	9.4	88	51	90	76	3.0	8.2	12.4	—	—	—	—	—	—	—	—	—	—	—	—	
11	11.8	14.9	12.1	12.7	19.3	10.3	9.3	11.6	10.0	10.3	90	92	96	93	7.7	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	12.2	14.9	12.3	12.9	19.0	11.3	9.9	11.7	10.1	10.6	93	93	94	93	8.0	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	12.0	17.9	12.0	13.5	18.1	11.7	10.0	9.1	10.0	9.7	96	60	95	84	10.0	0.2	0.5	6.5	4.3	10.8	—	—	—	—	—	—	—	—	—	
14	11.2	15.0	13.0	13.0	20.0	10.6	9.6	11.0	10.5	10.4	96	86	94	92	6.0	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	13.0	19.1	13.5	14.6	20.8	11.9	10.7	10.8	10.5	10.7	96	66	90	84	10.0	0.8	2.5	4.2	47.6	54.3	—	—	—	—	—	—	—	—	—	
16	11.4	14.9	13.6	13.4	18.0	11.0	9.1	11.4	11.7	10.5	90	91	95	92	10.0	1.9	0.2	4.6	3.4	8.0	—	—	—	—	—	—	—	—	—	
17	12.3	14.6	14.1	13.8	18.7	12.1	9.6	11.2	11.2	10.7	91	90	94	92	3.7	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	11.8	17.0	13.1	13.8	17.4	11.6	9.9	10.4	10.7	10.3	96	71	96	88	8.0	2.0	0.5	0.3	3.7	23.8	—	—	—	—	—	—	—	—	—	
19	12.0	14.9	13.1	13.3	16.2	11.7	10.0	11.4	10.7	10.7	96	91	96	94	10.0	0.3	19.8	0.6	6.0	25.5	—	—	—	—	—	—	—	—	—	
20	12.0	16.1	13.0	13.5	16.6	11.7	9.8	12.0	10.5	10.8	93	88	94	92	10.0	0.2	18.9	3.3	0.6	3.9	—	—	—	—	—	—	—	—	—	
21	10.4	18.2	13.3	13.8	19.5	9.9	9.0	12.2	10.8	10.7	95	80	95	90	9.0	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	12.0	17.8	14.5	14.6	19.2	9.0	9.1	10.6	11.9	10.5	90	70	96	85	10.0	2.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	12.0	20.0	14.9	15.4	20.6	9.8	9.4	10.6	11.8	10.6	90	60	94	81	6.7	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	14.1	14.9	13.1	13.8	19.0	11.8	10.8	11.3	10.5	10.9	90	90	95	92	10.0	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	11.4	19.0	13.0	14.1	19.5	10.9	9.5	11.5	10.5	10.5	94	70	94	86	6.0	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	13.4	14.9	12.8	13.5	16.4	10.8	10.4	11.3	10.6	10.8	90	90	96	92	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	11.0	14.9	11.6	12.3	16.8	10.8	9.4	11.3	9.8	10.2	95	90	95	93	10.0	0.9	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	10.0	15.0	12.4	12.4	16.8	9.8	8.9	10.6	10.3	10.3	96	90	95	94	8.7	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	11.8	15.5	13.3	13.5	16.1	11.0	9.9	11.8	10.9	10.9	96	90	96	94	10.0	0.2	9.6	—	—	—	—	—	—	—	—	—	—	—	—	
30	11.0	15.3	12.7	12.9	18.6	10.6	9.4	11.6	10.5	10.5	95	90	95	93	7.3	0.9	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	12.1	16.8	12.8	13.6	19.1	11.3	9.9	10.8	10.4	10.4	95	75	94	87	9.0	3.5	19.7	0.4	1.4	1.8	—	—	—	—	—	—	—	—	—	
Med	11.8	16.3	13.2	13.6	18.5	11.0	9.7	11.3	10.7	10.6	93	83	95	90	8.7	2.2	2.8	7.9	4.9	15.6	—	—	—	—	—	—	—	—	—	

Precipitation total: 482.7 mm.

DATOS DIARIOS

Estación El Cedral Mes Noviembre Año 1968 ϕ 48° 48' N λ 75° 43' W W.G.R. Altura 2.400 M.

Días	TEMPERATURAS °C						TENSIÓN DEL VAPOR mm						Humedad Relativa				NUBOSIDAD DECIMOS	Brillo Solar Horas	PRECIPITACION mm				EVAPORACION mm	VIENTOS					
	7		14		20		7		14		20		7		14				20		7			14		20			
	Max.	Min.	Med.	Max.	Min.	Suelo	7	14	20	Med.	7	14	20	Med.	7	14			20	Total	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora		DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora				
1	11.0	18.2	12.0	13.3	20.0	9.5	9.4	11.9	9.2	10.2	95	76	88	86	7.3	4.9	—	—	—	—	—	—	—						
2	10.0	19.5	12.6	13.8	20.0	9.0	8.8	11.0	10.4	10.1	95	65	94	85	7.7	1.7	—	—	—	—	—	—	—						
3	10.9	19.1	13.2	14.1	19.7	10.5	8.8	13.2	10.6	10.9	90	80	94	88	5.0	5.1	—	—	—	—	—	—	—						
4	12.4	16.8	13.9	14.2	19.0	11.3	10.2	12.9	11.3	11.3	94	90	92	8.0	1.2	—	—	—	—	—	—	—	—						
5	12.0	18.0	12.2	13.6	19.9	11.8	9.4	11.6	10.2	10.4	90	75	95	87	8.0	2.8	—	—	—	—	—	—	—						
6	11.4	18.0	13.3	14.0	19.5	10.6	9.1	12.5	10.3	10.6	90	81	90	87	8.7	2.9	—	—	—	—	—	—	—						
7	13.5	15.9	13.4	14.0	19.4	11.0	10.5	12.7	10.8	11.3	90	94	95	93	1.0	2.7	—	—	—	—	—	—	—						
8	13.7	15.4	13.2	13.9	17.8	12.9	10.2	12.2	10.9	11.1	86	93	96	92	6.7	1.9	—	—	—	—	—	—	—						
9	13.1	17.0	13.1	14.1	18.6	10.4	10.5	11.6	11.1	11.1	95	59	92	91	7.3	3.3	—	—	—	—	—	—	—						
10	11.6	17.9	12.1	13.4	20.2	11.0	9.8	10.6	10.2	10.2	95	70	95	87	9.7	2.7	—	—	—	—	—	—	—						
11	10.7	17.0	14.6	14.2	19.1	10.3	9.4	10.2	11.9	10.5	97	72	96	88	7.0	2.9	—	—	—	—	—	—	—						
12	11.0	17.4	13.8	14.0	18.0	10.6	9.4	11.1	11.3	10.6	95	74	96	88	7.0	2.4	—	—	—	—	—	—	—						
13	11.8	17.0	12.7	13.6	18.3	11.3	9.9	12.0	10.3	10.7	96	83	93	91	10.0	1.8	24.5	—	—	—	—	—	—						
14	12.8	16.4	12.9	13.8	18.0	11.3	10.6	10.5	10.6	10.6	96	75	96	89	10.0	0.8	—	—	—	—	—	—	—						
15	11.2	16.0	11.4	12.5	18.0	10.3	7.8	9.8	9.6	9.1	80	72	95	82	9.0	0.5	30.5	—	—	—	—	—	—						
16	12.0	18.4	11.9	13.6	19.0	10.0	9.4	7.8	9.9	9.0	90	50	95	78	10.0	3.0	1.2	0.1	56.9	57.0	—	—	—						
17	10.0	15.3	12.7	12.7	16.4	9.4	8.7	9.4	10.5	9.5	94	73	95	87	8.7	2.2	—	—	—	—	—	—	—						
18	12.0	16.0	13.6	13.8	18.2	11.4	10.0	12.3	11.3	11.1	96	90	95	94	9.7	3.0	20.7	0.3	0.3	32.2	—	—	—						
19	13.2	17.6	13.5	14.4	18.4	11.4	10.6	12.6	11.0	11.4	94	83	95	91	9.0	3.2	31.6	0.9	1.1	2.5	—	—	—						
20	11.8	18.1	13.1	14.0	18.3	11.4	9.3	10.0	10.7	10.0	90	65	96+	84	8.0	2.2	0.5	3.8	2.3	6.1	—	—	—						
21	11.0	15.0	12.6	12.8	17.1	10.6	9.4	11.8	10.4	10.5	95	95	94	8.7	1.7	—	—	—	—	—	—	—	—						
22	10.8	15.0	13.1	13.0	19.2	10.0	9.4	11.5	10.5	10.5	96	90	95	94	8.7	3.2	—	—	—	—	—	—	—						
23	11.8	15.3	13.4	13.5	17.3	10.3	9.9	11.6	10.9	10.8	96	90	95	94	6.0	0.6	—	—	—	—	—	—	—						
24	10.7	15.9	13.1	13.2	17.6	9.0	9.1	10.2	10.8	10.4	94	76	95	88	6.7	2.4	—	—	—	—	—	—	—						
25	11.3	14.0	13.6	13.1	18.0	11.0	9.6	10.8	11.2	10.5	95	90	96	94	9.0	2.4	29.6	2.9	17.6	20.5	—	—	—						
26	11.0	17.1	12.4	13.2	18.6	10.0	9.5	10.7	10.7	10.1	96	70	93	86	6.7	3.6	—	—	—	—	—	—	—						
27	11.3	16.0	13.0	13.3	17.4	10.4	9.6	10.3	10.7	10.2	96	76	96	89	10.0	1.8	2.8	0.2	2.6	2.8	—	—	—						
28	11.6	15.8	13.6	13.6	18.8	10.3	9.7	12.1	10.9	10.9	94	90	94	91	8.7	3.3	—	—	—	—	—	—	—						
29	10.3	18.0	14.0	14.1	19.1	10.0	8.8	10.8	11.5	10.4	94	70	96	87	5.0	3.5	—	—	—	—	—	—	—						
30	12.0	16.0	13.1	13.6	17.3	11.8	10.0	10.8	10.5	10.4	95	80	95	90	10.0	0.8	5.4	6.5	6.5	26.9	—	—	—						
31	Med.	11.6	16.8	13.0	13.6	18.5	10.6	9.6	11.2	10.6	10.5	93	79	95	89	7.9	2.4	4.9	1.8	4.9	12.0	—	—						

Precipitación total: 360.9 m.m.

DATOS DIARIOS

Estación El Cedral Mes Diciembre Año 1968 $\phi = 45^{\circ} 48' N$ $\lambda = 75^{\circ} 43' W$ GR. Altura 2.400 M.

Días	TEMPERATURA °C				TENSION DEL VAPOR mm				Humedad Relativa %			NEBULOSIDAD Horas		PRECIPITACION mm			EVAPORACION mm			VIENTOS													
	7	14	20	Med.	Máx.	Mín.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	7	14	20	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA				
																														7	14	20	7	14	20	7	14	20
1	11.0	17.0	12.0	13.0	17.3	10.9		9.5	10.0	10.0	9.8	97	68	96	87	10.0	1.3	13.9	0.5	16.0	51.4												
2	11.4	16.0	14.0	13.8	18.8	11.0		9.8	10.1	11.2	10.4	97	74	94	68	10.0		43.9	3.8	0.2	4.0												
3	11.7	17.4	13.3	13.9	18.1	10.0		8.3	10.7	10.6	9.9	80	72	94	82	10.0					22.1	49.6											
4	11.0	16.0	12.6	13.0	16.7	10.4		9.5	9.4	10.5	9.8	96	70	96	87	10.0					27.5	17.4	1.2	23.5									
5	10.0	15.6	11.8	12.3	17.3	9.0		8.7	11.3	9.9	10.0	94	85	95	91	8.7	0.2	4.9															
6	11.0	18.1	14.1	14.3	19.0	9.1		8.7	10.8	11.4	10.3	94	70	95	86	8.0	3.9																
7	11.0	15.5	13.8	13.5	20.0	10.4		8.9	11.8	10.5	10.4	90	90	95	92	9.7	3.5	9.4	1.6	6.5	8.1												
8	11.0	17.4	13.1	13.7	18.1	10.3		9.3	11.9	10.5	10.6	94	80	95	90	10.0	2.3				2.6	2.6											
9	10.5	20.0	14.4	14.8	20.8	10.0		9.2	8.9	11.5	9.9	96	50	94	80	9.3	5.5				0.1	0.1											
10	12.0	15.0	12.0	12.8	18.8	11.4		9.9	11.6	9.9	10.5	94	90	94	93	10.0	1.4				3.7												
11	11.0	15.2	14.3	13.7	19.4	10.8		9.4	10.5	9.3	9.7	94	83	93	90	9.7	3.9					0.2	0.2										
12	11.0	17.3	14.8	14.5	20.0	10.6		9.4	11.1	12.0	10.8	95	75	95	88	6.0	3.7																
13	11.4	19.1	14.3	14.8	19.4	10.6		9.4	11.5	11.4	10.8	93	70	94	86	9.7	3.2																
14	10.6	17.0	13.8	13.8	19.1	10.0		8.7	12.0	10.9	10.5	90	83	93	89	10.0	2.7				0.1	2.3	2.4										
15	12.0	17.1	13.8	14.2	20.7	10.3		9.4	12.0	11.2	10.9	90	83	95	89	8.3	4.5				0.1	0.4	0.5										
16	10.5	19.1	14.3	14.6	20.0	10.3		9.6	10.4	11.6	10.5	96	63	96	85	8.3	4.5																
17	11.0	19.3	14.2	14.7	20.0	10.6		8.9	11.7	10.9	10.5	90	70	90	83	8.0	4.1																
18	11.8	20.0	15.0	15.5	20.6	11.0		9.3	12.3	11.6	11.1	90	71	91	84	6.7	3.2																
19	13.5	19.8	14.8	15.7	20.8	10.6		9.7	11.2	11.6	10.8	84	69	92	80	6.3	3.2																
20	11.1	18.8	15.0	15.0	19.4	10.6		8.9	13.1	12.3	11.4	90	80	96	89	7.0	3.8	0.4															
21	11.1	17.0	13.0	13.5	20.0	10.0		9.7	11.2	10.4	10.4	97	80	92	90	10.0	2.5																
22	11.0	16.8	13.7	13.8	20.0	10.0		8.9	9.5	10.7	9.7	90	66	90	82	8.0	4.1																
23	11.0	17.0	14.1	14.0	19.3	10.7		9.6	11.6	11.2	10.8	98	80	94	91	10.0	2.7				0.4												
24	12.0	15.1	13.1	13.3	19.9	11.7		10.2	11.8	10.5	10.8	97	90	95	94	10.0	2.0				26.6	19.1											
25	10.5	20.0	13.9	14.6	20.9	10.0		8.6	10.6	10.7	10.0	90	60	90	80	6.0	6.9																
26	10.0	19.9	14.8	14.9	20.3	10.0		8.3	9.7	11.3	9.8	90	56	90	79	6.0	5.5																
27	10.0	18.2	14.7	14.4	19.3	9.4		8.3	11.0	12.0	10.4	90	70	95	85	7.0	5.1																
28	11.0	15.5	12.0	12.6	18.0	10.7		8.9	11.8	9.8	10.2	90	90	93	91	10.0	2.1																
29	10.5	19.9	13.0	14.1	21.2	10.0		9.0	10.5	10.1	9.9	94	60	90	81	4.7	6.9				0.2	4.6	4.8										
30	10.2	19.1	12.2	13.4	20.9	9.5		8.4	11.5	9.9	9.9	90	70	93	84	8.7	4.4																
31	9.8	18.0	14.2	14.0	20.3	9.0		7.9	12.4	11.1	10.5	90	80	92	87	8.0	4.9																
Med.	11.0	17.6	13.7	14.0	19.5	10.3		9.1	11.1	10.9	10.4	92	74	93	86	8.5	3.3				3.8	1.9	3.0	8.3									

Precipitación total 298.6 m.m.

RESUMEN MENSUAL Y ANUAL

AÑO: 1.968

ESTACION: El Cedral

M E S	PRESION ATMOSFERICA SOBRE 600 MM. HG.			TEMPERATURA °C			TEMPERATURAS EXTREMIAS °C			HUMEDAD RELATIVA %			TENSION DEL VAPOR MM. HG.			NUBOSIDAD MEDIA EN DECIMOS BRILLO SOLAR HORSAS FORMACION MM.			PRECIPITACION					
	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA	MAXIMA	MINIMA	DA			
	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20			
ENERO				11.0	18.3	13.7	14.2	19.7	10.1	21.9	9	8.8	7	13.8	7.8	10.2	7.5	34.1	26.5	120.0	228.0	16	61.5	13
FEBRERO				11.2	17.4	14.0	14.2	19.0	10.5	22.0	15	8.6	7	12.6	7.2	10.5	8.1	154.5	57.3	79.3	231.7	17	75.8	10
MARZO				11.8	17.4	13.6	14.1	18.8	10.9	21.1	31	8.6	5	14.7	5.5	10.5	7.8	53.1	35.0	67.5	155.6	21	32.7	2
ABRIL				12.4	16.8	13.5	14.1	19.1	11.4	21.6	5	9.9	26	12.7	6.7	10.9	8.6	59.1	159.6	162.9	381.6	28	37.2	11
MAYO				12.4	17.8	13.7	14.4	19.4	11.3	23.4	2	10.1	23	13.1	7.6	10.8	8.9	6.7	34.5	109.9	151.1	24	32.6	17
JUNO				12.2	17.3	13.5	14.1	19.1	11.2	25.3	24	9.1	8	12.7	8.6	10.7	9.3	57.4	90.3	134.1	282.3	27	55.0	1
JULIO				12.3	18.2	13.8	14.5	19.8	11.3	23.3	29	10.3	7	12.9	8.0	10.7	7.2	40.1	34.2	57.4	131.2	19	25.6	21
AGOSTO				12.0	18.7	14.0	14.7	20.0	11.0	24.0	9	9.5	10	13.1	6.3	10.5	6.9	14.8	24.8	42.0	81.6	15	18.0	29
SEPTIEMBRE				11.9	17.1	13.4	13.9	19.5	10.9	23.5	14	9.5	5	14.6	6.3	10.7	8.4	62.0	69.4	100.1	231.5	23	32.9	26
OCTUBRE				11.8	16.3	13.2	13.6	18.5	11.0	21.2	10	9.0	22	13.1	8.9	10.6	8.7	87.9	243.8	151.0	482.7	25	63.6	8
NOVIEMBRE				11.6	16.8	13.0	13.6	18.5	10.6	20.0	7	9.0	7	13.2	7.8	10.5	7.9	146.8	53.3	146.9	360.9	26	57.0	16
DICIEMBRE				11.0	17.6	13.7	14.0	19.5	10.3	21.2	29	9.0	7	13.1	7.9	10.4	8.5	118.0	60.4	94.1	258.6	24	51.4	1
MEDIA ANUAL				11.8	17.5	13.6	14.1	19.2	10.9	22.4	—	9.3	—	13.3	7.6	10.6	8.2	69.5	74.1	100.1	249.7	265	45.3	—

PRECIPITACION TOTAL: 2,996.8

PRECIPITACION MAXIMA: 75.8 11-18

DIAS LLUVIOSOS: 265

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

ESTACION: El Cedral

AÑO: 1.968

MESES	PRECIPITACION																			T O T A L				TEMPERATURA								
	7 HORAS					14 HORAS					20 HORAS					Máx de				Mínimo		Máximo										
	Máx de:					Máx de:					Máx de:					Máx de				Mínimo		Máximo										
	01	10	100	200	500	01	10	100	200	500	01	10	100	200	500	01	10	25	50	100	200	500	10 °C	12 °C	Mínimo	Máximo	Abajo de	Arriba de	17 °C	21 °C		
ENERO	5	3	2	-	-	5	4	1	-	-	12	9	3	2	1	16	13	11	10	7	4	1	17	3	1	2	3	1	1	2		
FEBRERO	9	8	4	3	1	13	9	1	1	-	16	8	3	2	-	17	13	10	9	7	4	1	9	-	4	3	-	4	3			
MARZO	7	4	2	1	-	8	3	1	1	-	14	9	2	1	-	21	13	11	7	6	3	-	5	2	5	1	2	5	1			
ABRIL	13	7	3	1	-	23	17	8	1	-	22	18	6	3	-	28	25	20	19	17	7	-	2	10	1	2	2	10	1	2		
MAYO	7	3	-	-	-	15	6	1	1	-	22	13	3	2	-	24	18	9	6	4	3	-	-	7	2	4	-	7	2	4		
JUNIO	11	9	2	1	-	18	10	1	1	-	17	12	3	3	-	27	23	16	11	7	6	1	5	5	3	4	5	5	3	4		
JULIO	8	5	1	-	-	15	8	-	-	-	16	9	1	1	-	19	15	12	9	4	1	-	-	9	-	7	-	9	-	7		
AGOSTO	8	5	-	-	-	9	5	-	-	-	7	5	1	-	-	15	13	8	7	3	-	-	6	4	1	11	6	4	1	11		
SEPTBRE	10	8	3	-	-	16	13	3	-	-	18	11	4	1	-	23	22	17	13	8	4	-	3	1	2	5	3	1	2	5		
OCTUBRE	13	7	4	-	-	24	20	6	4	1	21	14	4	2	-	25	24	22	20	14	11	1	6	3	6	1	6	3	6	1		
NOVIEMBRE	9	8	5	5	-	21	10	1	-	-	23	18	4	1	1	26	23	21	15	11	8	1	8	1	1	-	8	1	1	-		
DICIEMBRE	8	6	4	3	-	10	6	3	-	-	20	15	2	1	-	24	19	17	10	6	4	1	12	-	1	1	12	-	1	1		
SUMA ANUAL	108	73	30	14	1	177	111	26	9	1	208	141	36	19	2	265	221	174	136	94	55	6	73	45	27	41	73	45	27	41		

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.																								TOTAL
	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	
ENERO	1	1	1	1	2	1	1	2	1	1	2	2	2	4	7	6	6	4	3	4	2	1	2	2	15
FEBRERO	3	5	6	5	3	3	2	6	4	3	2	4	6	7	8	8	5	5	2	5	5	3	2	2	17
MARZO	3	2	2	2	3	2	1	1	1	-	1	3	5	2	7	8	12	5	2	1	-	1	3	2	23
ABRIL	4	4	7	6	7	8	6	4	4	3	7	6	13	20	19	13	10	11	7	6	6	4	2	4	28
MAYO	1	1	1	3	3	1	2	2	2	3	2	4	6	7	12	9	13	9	4	3	-	1	1	1	25
JUNIO	4	3	4	4	5	6	3	2	3	3	4	8	12	9	10	11	12	5	3	5	5	3	6	28	
JULIO	3	6	6	5	5	3	2	5	2	1	3	10	7	9	10	8	3	2	1	-	2	2	1	18	
AGOSTO	1	2	3	4	3	2	2	1	3	2	3	2	4	7	4	3	2	3	2	-	2	-	1	16	
SEPTBRE	5	8	5	5	4	2	-	4	-	-	1	4	11	13	12	8	7	8	4	3	4	4	7	22	
OCTUBRE	5	4	4	4	5	6	7	4	4	4	9	12	17	18	15	10	9	10	7	2	3	3	4	26	
NOVIEMBRE	5	6	5	6	6	5	3	-	4	2	6	9	9	14	12	16	12	8	6	6	3	5	6	26	
DICIEMBRE	4	5	4	2	2	3	4	3	2	1	-	4	9	9	13	10	6	4	6	2	4	4	3	24	
SUMA ANUAL	39	47	49	47	47	45	35	31	33	24	38	61	100	120	127	111	101	82	53	36	34	35	34	38	268

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: E l C e n t r a l .

Año 1.968

MESES	TOTAL				No. PRECIPITACIONES			CANTIDAD		DURACION				PRECIPITACION MAXIMA				DURACION MAXIMA			
	m. m.	Días	No. PRECIPITACIONES		Total Día	Total Noche	Día	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.)		
			Día	Noche																h. min.	m. m.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.
Enero	228.0	16	22	10	32	167.7	60.3	26:30'	11:45'	38:15'	61.5	1:55'	0.53	20.0	4.0	5:05'	25.8	0.08	3.5	0.7	
Febrero	251.7	17	38	11	49	113.0	138.7	39:40'	30:55'	70:35'	50.5	4:50'	0.17	5.0	1.0	12:20'	44.3	0.06	2.5	0.5	
Marzo	155.6	21	28	12	40	102.3	53.3	23:30'	14:20'	37:40'	32.2	2:40'	0.20	6.0	1.2	5:00'	15.8	0.05	2.5	0.5	
Abril	381.6	28	57	25	82	322.1	59.5	81:45'	39:35'	121:20'	29.1	3:25'	0.14	4.5	0.9	6:05'	13.0	0.04	1.5	0.3	
Mayo	151.1	24	44	11	55	142.8	8.3	38:55'	8:30'	47:25'	30.3	3:15'	0.16	6.0	1.2	4:00'	11.8	0.05	1.5	0.3	
Junio	282.3	27	46	21	67	246.5	35.8	69:50'	24:10'	94:00'	46.8	2:05'	0.37	8.7	1.7	15:00'	26.8	0.03	0.6	0.1	
Julio	131.2	19	45	14	59	91.6	39.6	32:45'	24:00'	56:45'	25.4	1:20'	0.32	7.0	1.4	4:25'	6.1	0.02	1.0	0.2	
Agosto	81.6	15	23	11	34	66.8	14.8	19:35'	14:50'	34:25'	18.0	1:20'	0.22	3.0	0.6	3:20'	1.5	0.01	0.2	-	
Septbre.	231.5	23	39	18	57	167.7	63.8	41:40'	38:40'	80:20'	25.1	1:55'	0.22	6.1	1.2	7:20'	9.0	0.02	0.5	0.1	
Octbre.	482.7	25	57	17	74	375.9	106.8	77:50'	43:15'	121:05'	60.8	3:40'	0.28	7.9	1.6	11:00'	20.0	0.03	0.9	0.2	
Novbre.	360.9	26	58	23	81	195.5	165.4	57:25'	45:10'	102:35'	56.9	2:10'	0.44	9.8	2.0	9:00'	17.5	0.03	1.5	0.3	
Dicbre.	258.6	24	39	10	49	159.8	98.8	44:30'	26:10'	70:40'	36.0	6:15'	0.10	5.0	1.0	11:05'	35.1	0.05	2.5	0.1	
TOTALES	2.996.8	265	49.6	183	679	2151.7	845.1	553:45'	321:20'	875:05'	472.6	34:50'	XX	XX	XX	93:40'	226.7	XX	XX	XX	

DATOS DIARIOS

Estación Paraguayo. Año 1968 Mes Enero φ = 40° 29' N λ = 75° 42' W GR Altura 1.250 M.

Table with columns: Dias, TEMPERATURAS (7, 14, 20 Med., Max., Min., Mínima Suelo), TENSION DEL VAPOR (7, 14, 20 Med.), Humedad Relativa (7, 14, 20 Med.), NUBESIDAD, Brillo Solar Horas, PRECIPITACION (7, 14, 20 Total) in mm, EVAPORACION, and VIENTOS (7, 14, 20 DIRECCION, FUERZA, Km./Hora).

Precipitación total : 134.5 mm.

DATOS DIARIOS

Estación PARAGUAYITO Mes Febrero Año 1968 $\phi = 4^{\circ} 23' N$ $\lambda = 75^{\circ} 42' W$ GR. Altura 1.250 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa			BRILLO SOLAR		PRECIPITACION			VIENTOS									
	Med.		Mín.		Máx.		Med.		14		20		Med.		7		7		7		7		7		7		14		20	
	7	14	20	Med.	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	DIREC. FUERZA	Km. Hors	DIREC. FUERZA	Km. Hors	DIREC. FUERZA	Km. Hors	DIREC. FUERZA	Km. Hors		
1	18.0	27.0	21.2	21.8	27.8	16.8	16.0	14.7	10.7	13.2	12.9	95	40	70	68	8.0	4.8	21.3	---	---	---	---	---	---	---	---	---	---	---	
2	17.2	24.4	18.7	19.8	25.0	16.3	15.4	14.0	12.6	14.6	13.7	95	55	80	80	9.0	0.2	15.9	---	---	---	---	---	---	---	---	---	---	---	
3	17.4	20.2	19.2	20.2	26.0	17.0	16.2	15.0	11.9	14.4	13.8	100	50	87	70	7.0	2.7	---	---	---	---	---	---	---	---	---	---	---	---	
4	17.0	24.0	19.1	19.8	26.3	16.7	15.4	13.7	11.2	15.9	13.6	94	50	95	80	7.3	3.2	3.5	4.4	---	---	---	---	---	---	---	---	---	---	
5	18.0	27.4	19.0	20.8	28.1	17.3	16.0	14.7	11.2	13.9	13.3	95	40	85	73	8.0	4.7	8.8	1.2	0.6	1.8	3.1	0.0	0	0.6	1	0.6	1	0.6	
6	17.4	26.2	20.8	21.8	28.9	16.6	15.4	14.2	11.5	15.7	13.8	96	40	85	74	7.3	8.3	---	---	---	---	---	---	---	---	---	---	---	---	
7	16.4	27.7	20.8	21.4	28.7	15.6	14.5	13.3	11.1	13.8	12.7	95	40	75	70	7.3	7.3	---	---	---	---	---	---	---	---	---	---	---	---	
8	16.0	26.6	20.8	21.0	28.2	15.4	14.3	13.0	10.4	14.9	12.8	95	40	81	72	7.0	5.6	---	---	---	---	---	---	---	---	---	---	---	---	
9	16.8	27.2	20.6	21.3	29.0	16.3	15.1	13.5	11.0	14.5	13.0	94	40	80	71	6.7	6.9	---	---	---	---	---	---	---	---	---	---	---	---	
10	18.0	29.6	21.4	21.6	26.2	17.4	16.5	14.6	12.3	13.3	13.4	94	50	70	71	7.0	2.5	---	---	---	---	---	---	---	---	---	---	---	---	
11	18.0	28.4	22.2	22.7	29.8	17.7	17.0	14.9	11.5	15.1	13.8	96	38	75	70	6.7	6.0	---	---	---	---	---	---	---	---	---	---	---	---	
12	16.8	27.4	20.6	21.4	30.0	16.4	15.4	13.8	9.7	15.6	13.0	96	36	86	73	5.3	8.4	---	---	---	---	---	---	---	---	---	---	---	---	
13	18.6	28.5	22.2	22.9	30.7	17.7	17.0	15.2	12.3	15.1	13.6	96	38	75	70	5.7	7.0	---	---	---	---	---	---	---	---	---	---	---	---	
14	16.4	29.3	21.6	22.5	30.3	16.5	15.4	14.5	12.7	14.5	13.9	96	41	70	69	7.3	6.9	---	---	---	---	---	---	---	---	---	---	---	---	
15	17.6	29.3	21.6	22.5	30.3	16.5	15.4	14.5	12.7	14.5	13.9	96	41	70	69	7.3	6.9	---	---	---	---	---	---	---	---	---	---	---	---	
16	18.0	28.2	22.2	22.6	30.0	17.3	16.1	14.7	13.0	14.3	14.0	95	45	70	70	6.7	7.3	---	---	---	---	---	---	---	---	---	---	---	---	
17	17.6	25.4	20.3	20.9	26.0	17.4	16.1	14.5	14.6	15.9	15.0	96	60	90	82	7.0	1.5	---	---	---	---	---	---	---	---	---	---	---	---	
18	17.4	30.0	22.7	23.2	31.4	17.0	16.2	14.6	12.7	14.7	14.0	98	40	70	69	6.0	7.8	---	---	---	---	---	---	---	---	---	---	---	---	
19	18.4	19.4	17.0	18.0	26.8	17.5	16.3	15.3	15.3	13.7	14.8	96	91	94	94	7.3	2.1	36.4	8.1	3.0	11.1	2.8	1.2	1	0.8	1	1.2	1	1.2	
20	15.8	22.6	20.4	19.8	26.3	14.6	13.8	13.2	14.5	14.1	13.1	98	38	84	73	8.0	7.2	6.0	---	---	---	---	---	---	---	---	---	---	---	
21	17.0	27.9	20.4	21.4	29.3	16.3	15.4	14.2	10.9	15.1	13.1	98	38	84	73	8.0	7.2	6.0	---	---	---	---	---	---	---	---	---	---	---	
22	18.6	22.0	20.4	20.4	25.4	18.4	17.3	15.3	14.4	16.3	15.3	95	73	91	86	9.0	1.8	0.6	2.6	---	---	---	---	---	---	---	---	---	---	
23	17.6	25.7	20.2	20.9	28.3	17.3	16.1	14.8	11.2	14.3	13.4	98	45	80	74	9.0	4.5	39.6	---	---	---	---	---	---	---	---	---	---	---	
24	15.4	26.6	20.0	20.5	27.8	14.0	13.1	13.1	11.2	14.9	13.1	100	43	85	76	6.7	5.5	0.6	---	---	---	---	---	---	---	---	---	---	---	
25	15.6	26.1	20.6	20.7	27.4	15.4	14.3	13.0	12.8	15.6	13.8	98	50	86	78	5.3	4.3	---	---	---	---	---	---	---	---	---	---	---	---	
26	17.4	29.2	22.4	22.6	29.6	16.8	16.0	14.6	11.5	13.6	13.2	98	40	66	68	7.0	8.1	---	---	---	---	---	---	---	---	---	---	---	---	
27	19.3	27.2	18.4	20.8	28.3	18.8	18.0	16.1	11.0	15.1	14.1	96	95	97	9.3	2.5	---	---	---	---	---	---	---	---	---	---	---	---	---	
28	16.8	26.2	20.3	20.9	27.6	15.8	15.0	14.4	10.5	16.4	13.8	100	41	93	78	8.0	3.8	---	---	---	---	---	---	---	---	---	---	---	---	
29	17.6	25.4	19.6	20.6	26.2	17.3	16.4	14.8	9.8	16.3	13.6	98	40	95	78	8.3	1.7	6.2	0.1	---	---	---	---	---	---	---	---	---	---	
30																														
31																														
Med	17.3	26.5	20.5	21.2	28.1	16.6	15.6	14.3	11.9	14.8	13.7	96	47	82	75	7.3	5.0	4.8	0.6	0.9	6.7	2.5	---	---	---	---	---	---	---	

Precipitación total : 193.9 mm.

DATOS DIARIOS

Estación **PARAGUAYOITO**

Mes **MARZO**

Año **1968**

☉ - 48 23' N ☽ - 75 42' W. T.M. Altura **1.250 M.**

Días	TEMPERATURA °C						TENSIÓN DEL VAPOR mm						Humedad Relativa %				Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS											
	Med.		Máx.		Mín.		Med.		Mín.		Máx.		7	14	20	Med.		7	14	20	Total	7	14	20	DIREC. Km./Hora	FUERZA Km./Hora	DIREC. Km./Hora	FUERZA Km./Hora	DIREC. Km./Hora	FUERZA Km./Hora					
	7	14	20	Med.	Máx.	Mín.	Mínima Suelo	7	14	20	Med.	7																			14	20	Med.		
1	16.8	26.8	20.4	21.1	27.9	16.2	15.4	13.8	10.5	12.6	12.1	96	40	70	69	7.3	5.6	32.9	—	—	—	—	—	—	1.6	12	1	16	1	12	1				
2	18.0	26.2	17.8	20.0	28.9	17.6	16.8	14.7	9.1	14.7	12.8	95	36	96	76	7.4	5.7	0.4	—	9.5	26.3	—	—	—	1.2	06	1	12	1	12	1				
3	17.4	25.4	19.4	20.4	27.0	17.0	16.0	14.2	11.2	15.8	13.7	96	46	94	79	8.7	6.3	16.8	—	—	3.8	4.2	—	—	—	0.3	00	0	00	0	16	1			
4	17.8	26.9	20.6	21.5	28.8	17.0	16.1	14.7	10.5	14.7	13.3	96	40	81	72	7.7	6.3	0.4	—	—	—	—	—	—	—	2.6	12	1	12	1	12	1			
5	15.8	28.2	20.6	21.3	29.5	14.9	16.1	12.9	8.6	13.8	11.8	96	30	76	67	7.0	6.8	—	—	—	—	—	—	—	—	2.7	00	0	12	1	00	0			
6	15.8	28.8	20.4	21.4	29.9	14.8	14.0	12.9	10.4	7.2	10.2	96	35	40	57	5.3	10.0	—	—	—	—	—	—	—	—	3.0	12	1	12	1	12	1			
7	15.0	27.7	20.0	20.7	28.2	14.9	14.0	12.4	9.8	14.1	12.1	96	35	80	70	7.0	5.5	—	—	—	—	—	—	—	—	2.4	00	0	12	1	12	1			
8	17.6	25.8	19.3	20.5	28.6	16.9	15.4	14.5	10.4	14.4	13.1	96	42	87	75	7.0	0.2	—	—	—	—	—	—	—	—	1.3	12	1	00	0	08	1			
9	17.9	26.3	18.8	20.4	26.4	17.8	16.5	14.7	11.5	15.5	13.9	96	45	95	79	7.3	2.3	1.3	—	—	—	—	—	—	—	1.0	2.1	12	1	12	1	12	1		
10	17.6	25.8	19.4	20.6	27.6	17.2	16.3	13.8	11.2	15.2	13.4	92	45	90	76	8.3	4.0	1.0	—	—	—	—	—	—	—	5.6	30.9	1.3	12	1	12	1	12	1	
11	17.2	26.4	19.4	20.6	27.4	16.5	15.6	14.4	10.0	16.1	13.5	98	38	95	77	8.3	7.3	25.3	—	—	—	—	—	—	—	0.1	9.5	2.8	00	0	12	1	12	1	
12	17.0	26.4	20.0	20.8	27.8	16.5	15.8	14.2	10.2	14.9	13.1	98	40	85	74	7.7	7.5	9.4	—	—	—	—	—	—	—	—	3.0	12	1	12	1	12	1		
13	15.6	28.0	20.6	21.2	28.8	15.0	14.1	12.8	11.1	14.2	12.7	96	38	78	71	7.0	8.7	—	—	—	—	—	—	—	—	—	3.2	00	0	12	1	12	1		
14	17.0	27.4	16.8	19.5	28.5	16.5	15.4	13.8	9.7	13.8	12.4	95	36	96	76	8.3	4.6	—	—	—	—	—	—	—	—	—	37.4	40.5	0.2	12	1	06	1		
15	16.8	25.8	19.0	20.2	26.4	16.5	15.6	13.5	10.0	13.9	12.5	94	40	85	73	8.7	5.0	3.1	—	—	0.1	2.8	16.5	—	—	29.2	31.0	1.4	12	1	12	1	12	1	
16	16.0	25.3	16.3	18.5	27.4	15.5	14.6	13.1	9.6	13.1	11.9	96	38	95	76	8.0	2.6	13.6	—	—	—	—	—	—	—	—	2.6	1.0	00	0	08	1	08	1	
17	15.4	22.0	17.6	18.2	23.8	15.0	14.4	12.2	11.9	14.5	12.9	93	60	96	83	9.0	0.8	1.8	—	—	—	—	—	—	—	—	0.2	2.4	00	0	12	1	12	1	
18	16.0	23.6	19.4	19.6	25.8	15.8	15.0	12.8	13.4	14.3	13.5	94	61	85	80	9.3	2.5	2.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	17.4	25.0	20.0	20.6	25.7	17.2	14.8	14.2	10.4	15.8	13.5	96	44	90	77	7.7	2.2	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	18.4	24.6	19.4	20.4	25.6	18.0	17.4	15.1	11.7	16.1	14.3	95	50	95	80	8.0	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	17.0	28.6	20.0	21.4	29.0	16.3	15.4	14.0	11.9	15.8	13.9	96	40	90	75	8.0	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	17.0	26.7	20.0	21.2	28.4	16.3	15.4	14.0	11.1	16.2	13.8	96	40	93	76	7.0	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	16.4	28.6	20.6	21.6	29.9	16.0	15.1	13.4	11.9	15.0	13.4	96	40	82	73	6.0	5.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	18.0	23.3	18.6	19.6	24.7	17.4	16.5	14.9	12.9	15.5	14.4	96	60	96	84	8.7	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	17.0	26.9	21.2	21.6	28.9	16.4	15.5	14.0	10.5	15.9	13.5	96	40	85	74	8.0	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	17.0	28.6	20.8	21.8	30.3	16.8	16.0	14.0	11.7	14.0	13.2	96	38	76	70	7.3	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	17.6	30.2	19.4	21.6	30.9	17.1	16.4	14.5	11.3	14.7	13.5	96	35	88	73	8.0	5.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	18.8	27.4	22.1	22.6	28.4	16.7	15.4	15.4	11.2	14.5	13.7	94	40	73	68	7.7	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	17.7	26.8	20.0	21.1	27.3	16.8	16.0	14.7	10.3	13.1	12.7	96	38	75	60	7.7	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	16.0	27.4	21.4	21.6	30.0	15.4	14.6	13.0	9.5	14.6	12.4	95	35	76	69	7.3	8.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	17.4	28.5	21.0	22.0	31.2	17.0	16.0	14.2	10.2	16.3	13.6	96	35	88	73	5.7	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	17.0	26.6	19.7	20.8	28.0	16.4	15.5	13.9	10.8	14.5	13.1	96	41	85	74	7.6	4.9	3.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total 165.6 m.m.

DATOS DIARIOS

Estación Paraguayoito Mes Mayo Año 1968

φ = 46° 23' N λ = 75° 42' WGR Altitud 1.250 m.

Días	TEMPERATURA °C					TENSIÓN DEL VAPOR mm					Humedad Relativa %				NUBOSIDAD DECIMOS			Brillo Solar Horas			PRECIPITACION mm			EVAPORACION mm				VIENTOS								
	7	14	20	Med.	Máx.	Mín.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	7	14	20	7	14	20				
	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora	DIRECCION FUERZA Km./Hora			
1	18.4	27.8	20.8	22.0	29.0	17.6	17.0	15.6	15.3	16.4	15.8	98	55	90	81	7.3	4.9	—	—	—	—	—	2.2	12	1	12	1	12	1	12	1	12	1			
2	18.0	28.9	20.9	22.2	30.4	17.3	16.1	15.6	14.9	15.5	15.3	100	50	95	78	7.0	8.3	—	—	—	—	—	2.6	12	1	12	1	12	1	12	1	12	1			
3	18.6	26.6	20.6	21.6	29.4	18.0	17.4	15.8	13.0	16.9	15.2	98	50	93	80	6.7	5.2	—	—	—	—	—	2.0	00	0	16	1	12	1	12	1	12	1			
4	18.0	29.9	22.6	23.3	30.9	16.8	16.0	13.8	12.5	17.4	14.6	90	40	85	72	6.0	8.8	—	—	—	—	—	2.2	12	1	12	1	12	1	12	1	12	1			
5	18.6	26.9	21.0	21.9	28.3	18.0	17.0	15.8	13.2	16.7	15.2	97	50	90	79	6.0	5.2	—	—	—	—	—	2.0	12	1	12	1	12	1	12	1	12	1			
6	18.4	28.8	19.9	21.8	29.9	16.0	15.4	16.0	14.9	17.3	16.1	100	50	100	83	1.7	5.9	—	—	—	—	—	0.9	3.7	2.4	12	1	12	1	12	1	12	1			
7	18.8	24.4	19.2	20.4	26.3	18.4	17.6	16.0	16.1	16.1	16.1	98	70	96	88	8.3	2.6	2.8	4.7	0.5	7.1	1.0	12	1	12	1	12	1	12	1	12	1	12	1		
8	17.8	20.2	17.0	18.0	24.9	16.8	16.0	15.0	15.6	14.0	14.9	98	88	96	94	8.3	1.4	1.9	0.8	2.4	3.2	1.2	12	1	12	1	12	1	12	1	12	1	12	1		
9	15.0	24.6	18.4	19.1	25.0	14.1	13.3	12.8	15.0	14.6	14.1	100	65	93	86	8.3	3.7	—	0.3	0.2	0.5	1.8	12	1	12	1	12	1	12	1	12	1	12	1		
10	16.8	26.7	20.0	20.9	27.4	15.0	14.3	14.1	13.2	15.2	14.2	98	90	88	79	7.3	6.0	—	—	—	—	—	0.1	0.3	2.6	12	1	12	1	12	1	12	1	12	1	
11	18.0	26.4	18.8	20.5	28.8	17.3	16.1	15.2	14.5	15.3	15.0	98	53	94	82	6.7	5.5	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	16.3	29.0	21.3	22.0	30.3	15.0	14.3	13.9	13.7	15.1	14.2	100	45	80	75	5.0	10.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	18.0	28.0	17.6	20.3	29.0	16.4	15.4	15.6	12.7	15.2	14.2	100	45	100	82	5.3	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	17.6	27.6	18.0	20.3	28.7	16.4	15.3	14.5	13.9	15.2	14.5	100	50	98	83	7.7	5.6	2.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	17.0	28.0	18.8	20.6	29.3	16.8	16.0	14.6	12.8	15.5	14.3	100	45	95	80	7.7	5.1	23.3	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	17.4	29.6	22.3	22.9	30.5	15.7	14.4	14.2	15.6	16.8	15.2	96	50	84	77	6.3	10.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	18.8	27.9	20.6	22.0	29.3	18.4	17.1	16.0	14.1	16.2	15.4	98	50	90	79	7.0	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	17.2	22.9	19.2	19.6	26.6	16.8	16.0	14.1	14.7	15.4	14.7	96	70	93	86	6.3	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	16.8	28.4	20.6	21.6	29.9	16.0	15.1	14.1	13.2	16.2	14.2	98	45	70	78	5.7	8.8	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	17.8	27.9	20.3	21.6	29.2	16.8	15.4	15.0	12.5	16.8	14.8	98	45	95	79	8.0	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	18.8	24.6	19.2	20.4	27.4	17.6	16.3	16.3	16.3	16.4	16.3	100	70	98	89	8.7	3.7	38.8	0.1	1.0	1.3	1.2	12	1	12	1	12	1	12	1	12	1	12	1	12	1
22	17.4	27.4	19.6	21.0	28.4	16.8	15.4	14.2	14.8	17.1	15.4	95	54	100	83	7.3	3.8	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	16.8	27.0	20.2	21.0	29.3	15.4	14.6	14.4	13.0	16.8	14.7	100	48	93	80	6.7	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	17.2	29.9	19.3	21.4	31.6	16.3	15.1	14.4	14.9	15.9	14.9	98	45	95	79	7.0	6.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	16.8	28.8	19.2	21.0	29.9	15.8	15.0	14.1	14.9	15.4	15.1	98	50	98	82	8.7	6.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	18.4	26.4	18.0	20.2	27.0	17.7	16.7	16.0	14.2	15.6	15.3	100	55	100	85	9.3	0.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	16.3	26.4	21.2	21.8	28.0	15.4	14.6	13.9	13.0	15.9	14.3	100	50	85	78	9.0	4.2	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	18.8	29.4	21.6	22.8	30.6	17.1	16.3	16.0	14.0	17.8	15.9	98	45	93	79	8.3	7.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	18.8	20.4	18.4	19.0	28.1	18.0	17.6	16.0	16.6	16.0	16.2	98	93	100	97	9.0	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	18.4	26.5	19.4	20.9	27.6	17.8	16.8	15.6	13.1	15.2	14.6	98	50	90	79	9.0	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	18.8	25.8	18.6	20.4	27.4	17.7	17.0	14.6	12.5	15.3	14.1	90	50	95	78	8.7	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	17.7	26.9	19.8	21.0	28.6	16.7	15.8	14.9	14.1	16.0	15.0	98	54	93	82	7.4	5.3	2.3	0.6	1.0	3.9	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total : 122.2 mm.

DATOS DIARIOS

Estación Paraguayo cto. Mes Junio Año 1968 φ = 42° 23' N λ = 75° 42' W GR Altura 1.250 M

Table with columns: TEMPERATURAS, TENSIÓN DEL VAPOR, Humedad Relativa, BRILLO SOLAR, PRECIPITACION, VIENTOS. Rows include daily data (1-31) and monthly medians (Med).

Precipitación total : 132,7 m.m.

DATOS DIARIOS

Estación Paraguarayito Mes Julio Año 1968 $\phi = 48' 23'' N$ $\lambda = 75^{\circ} 42' WGR$ Altura 1.250 M.

Días	TEMPERATURA °C					TENSIÓN DEL VAPOR mm					Humedad Relativa %			NIBOSIDAD DECIMOS			Brillo Horas			PRECIPITACION mm			VIENTOS							
	7	14	20	Med.	Máx. Min.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	
	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	DIRECCION FUERZA	
1	17.6	21.3	19.6	20.0	24.5	17.3	16.4	13.5	12.9	13.9	13.4	30	60	81	77	9.3	0.8	28.0	3.1	---	---	---	---	---	---	---	---	---	---	---
2	17.8	26.2	20.8	21.4	27.0	17.0	16.5	14.4	11.5	15.2	13.7	94	45	83	74	2.3	4.7	1.1	---	---	---	---	---	---	---	---	---	---	---	---
3	18.4	26.9	19.6	21.1	28.8	17.8	17.1	15.1	11.8	15.4	14.2	96	44	90	77	8.0	5.9	4.1	---	---	---	---	---	---	---	---	---	---	---	---
4	18.0	26.4	19.4	20.8	27.7	16.9	14.7	11.7	15.6	14.0	95	45	93	78	7.7	4.5	1.8	0.4	6.3	6.7	1.6	0.0	0	12	1	12	1	12	1	
5	17.2	27.2	21.9	22.0	28.2	16.6	15.4	14.0	12.3	11.6	13.6	95	45	80	73	7.7	7.2	---	---	---	---	---	---	---	---	---	---	---	---	---
6	17.2	25.4	19.4	20.4	26.0	17.0	16.0	14.4	12.9	15.2	14.2	98	53	90	80	6.3	8.1	---	---	---	---	---	---	---	---	---	---	---	---	---
7	16.6	29.2	20.6	21.8	30.0	16.2	15.2	13.5	12.0	15.6	13.7	95	38	86	73	6.3	8.2	---	---	---	---	---	---	---	---	---	---	---	---	---
8	17.2	27.8	21.9	22.6	30.3	15.2	14.4	13.1	11.1	14.9	13.0	95	40	80	72	7.7	10.4	---	---	---	---	---	---	---	---	---	---	---	---	---
9	17.8	28.8	21.9	22.6	29.3	17.2	16.5	14.2	12.1	16.6	14.3	93	40	85	73	7.0	6.7	---	---	---	---	---	---	---	---	---	---	---	---	---
10	19.8	28.2	18.8	21.4	29.3	18.4	17.7	15.6	11.3	10.6	12.5	90	38	65	64	7.7	5.6	---	---	---	---	---	---	---	---	---	---	---	---	---
11	15.6	25.1	20.8	20.6	28.4	13.5	12.5	12.5	10.6	13.8	12.3	94	45	75	71	8.7	2.5	---	---	---	---	---	---	---	---	---	---	---	---	---
12	17.4	26.3	20.6	21.2	28.8	16.7	15.9	14.0	10.2	15.3	13.2	94	40	85	73	6.7	7.3	---	---	---	---	---	---	---	---	---	---	---	---	---
13	17.5	27.3	21.9	22.2	28.8	17.2	16.2	13.1	12.3	15.6	13.7	88	45	80	71	6.0	3.1	---	---	---	---	---	---	---	---	---	---	---	---	---
14	18.0	28.1	21.3	22.2	28.8	18.0	17.0	15.6	11.3	15.1	14.0	100	40	80	73	5.3	4.7	---	---	---	---	---	---	---	---	---	---	---	---	---
15	18.8	27.2	20.0	21.5	29.0	18.6	17.4	15.2	11.0	16.6	14.4	95	40	95	77	7.0	6.1	---	---	---	---	---	---	---	---	---	---	---	---	---
16	19.0	25.0	18.8	20.4	26.3	18.0	17.7	15.7	14.2	15.3	15.1	95	61	95	84	9.3	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---
17	17.4	25.6	19.2	20.4	26.4	17.0	16.3	14.6	12.3	15.6	14.2	96	50	94	80	8.0	4.9	2.0	5.2	---	---	---	---	---	---	---	---	---	---	---
18	16.3	25.4	19.2	20.0	28.0	15.0	14.1	13.5	9.8	15.9	13.1	98	40	95	78	7.7	6.5	4.6	---	---	---	---	---	---	---	---	---	---	---	---
19	18.8	25.4	20.2	21.2	28.0	17.6	17.0	15.5	12.9	16.8	15.1	95	53	95	81	8.7	5.4	---	---	---	---	---	---	---	---	---	---	---	---	---
20	18.0	25.8	20.3	21.1	27.4	18.0	17.2	15.2	10.2	16.8	14.0	95	40	95	77	7.0	3.1	5.7	---	---	---	---	---	---	---	---	---	---	---	---
21	18.4	26.4	20.2	21.3	29.0	18.0	16.8	15.2	10.3	15.9	13.8	98	41	90	76	6.7	4.7	0.7	---	---	---	---	---	---	---	---	---	---	---	---
22	18.0	27.3	19.6	21.1	27.9	17.5	16.4	14.9	11.0	16.5	14.1	96	40	96	77	8.0	2.9	3.5	---	---	---	---	---	---	---	---	---	---	---	---
23	16.6	27.2	22.0	22.4	28.8	15.2	14.6	13.9	9.4	16.8	13.4	98	35	85	73	7.7	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---
24	17.6	28.8	22.0	22.4	27.4	16.9	16.0	14.5	10.4	14.9	13.3	96	35	75	69	7.0	8.9	---	---	---	---	---	---	---	---	---	---	---	---	---
25	18.2	28.0	22.6	22.8	30.2	17.0	16.4	14.2	10.3	13.6	12.7	96	36	65	66	6.7	9.6	---	---	---	---	---	---	---	---	---	---	---	---	---
26	16.2	29.4	20.9	22.4	30.6	17.2	16.5	15.1	10.7	7.3	11.0	96	35	40	57	7.3	7.9	---	---	---	---	---	---	---	---	---	---	---	---	---
27	16.4	28.6	22.6	22.6	31.0	16.0	15.2	13.7	9.0	9.2	10.6	98	30	45	58	6.3	8.1	---	---	---	---	---	---	---	---	---	---	---	---	---
28	16.2	25.8	20.8	20.9	29.0	15.8	15.0	13.3	11.2	10.2	11.6	96	45	55	65	6.7	4.6	---	---	---	---	---	---	---	---	---	---	---	---	---
29	16.1	28.8	22.0	22.2	30.6	15.0	14.1	13.1	13.5	9.8	12.1	96	45	50	64	7.7	6.9	---	---	---	---	---	---	---	---	---	---	---	---	---
30	18.0	28.8	22.4	22.9	29.9	17.0	16.1	14.9	10.4	16.1	13.8	96	35	80	70	2.0	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---
31	18.0	27.2	20.4	21.5	28.3	17.6	17.0	14.9	11.2	15.4	13.8	96	40	86	74	8.3	4.5	---	---	---	---	---	---	---	---	---	---	---	---	---
MED.	17.6	27.0	20.7	21.5	28.5	16.8	16.0	14.4	11.3	14.5	13.4	95	43	80	73	7.1	5.7	1.7	0.6	0.3	1.6	1.7	---	---	---	---	---	---	---	

Precipitación total : 50.9 mm.

DATOS DIARIOS

Estación PARAGUAYITO. Mes Agosto. Año 1968 $\phi = 40^{\circ} 23' N$ $\lambda = 75^{\circ} 42' WGR$ Altura 1.250 M.

Días	TEMPERATURA °C						TENSIÓN DEL VAPOR m.m.						Humedad Relativa %			NUBOSIDAD DECIMOS			Brillo Solar Horas		PRECIPITACION m.m.			EVAPORACION m.m.			VIENTOS								
	7	14	20	Med.	Max.	Min.	Min. Subst.	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	DIREC. CION K.m./Hora	FUERZA K.m./Hora	DIREC. CION K.m./Hora	FUERZA K.m./Hora					
																															DIREC. CION K.m./Hora	FUERZA K.m./Hora	DIREC. CION K.m./Hora	FUERZA K.m./Hora	
1	18.0	24.8	20.2	20.8	26.1	16.4	15.8	14.9	14.0	16.8	15.2	96	60	95	84	8.7	2.1	—	0.3	—	0.3	—	1.2	12	1	16	1	12	1						
2	18.1	26.4	20.9	21.6	28.4	17.6	17.0	14.7	11.7	14.0	13.5	95	45	76	72	8.0	4.4	—	—	—	—	—	—	1.2	12	1	12	1	12	1					
3	17.3	27.4	20.6	21.5	28.6	16.4	15.1	14.1	11.2	14.5	13.3	96	40	80	72	8.0	7.6	—	—	—	—	—	—	1.4	12	1	12	1	12	1					
4	15.6	25.9	18.4	19.6	27.1	15.2	14.3	12.8	11.2	13.8	12.6	96	45	90	77	6.3	5.6	—	—	—	—	—	—	—	—	1.4	12	1	16	1	1				
5	17.0	26.8	20.4	21.4	28.0	17.0	16.4	14.9	10.3	17.0	14.1	96	38	95	76	7.3	6.6	—	—	—	—	—	8.4	21.5	2.0	00	0	00	0	06	1				
6	17.6	24.4	20.6	20.8	26.3	17.0	16.4	14.5	11.0	16.2	13.9	96	48	90	78	9.3	3.8	—	13.1	1.3	—	—	—	—	1.8	12	1	00	0	00	0				
7	18.2	29.0	21.2	22.4	30.5	17.0	16.0	14.9	12.1	16.2	14.4	95	40	87	74	8.1	9.3	—	—	—	—	—	—	—	—	4.2	12	1	00	0	06	1			
8	17.8	28.2	21.4	22.2	29.7	16.4	15.3	14.6	10.0	15.3	13.3	96	35	80	70	7.7	8.2	—	—	—	—	—	—	—	—	1.8	12	1	00	0	06	1			
9	18.2	30.9	20.6	22.6	32.0	16.8	16.4	15.1	9.9	14.5	13.2	96	30	80	69	5.0	9.9	—	—	—	—	—	—	—	—	1.4	12	1	12	1	12	1			
10	16.0	29.9	21.0	22.0	30.9	15.0	14.4	13.1	11.1	15.6	13.3	96	35	84	72	6.3	9.7	—	—	—	—	—	—	—	—	1.2	12	1	12	1	12	1			
11	17.4	27.2	22.2	22.2	30.0	16.8	14.9	14.2	11.0	13.4	12.9	95	40	66	67	8.0	6.3	—	—	—	—	—	—	—	—	2.2	12	1	12	1	12	1			
12	17.8	31.0	21.8	23.1	32.1	16.3	15.6	14.4	11.1	14.6	13.4	94	33	74	67	1.7	10.4	—	—	—	—	—	—	—	—	3.4	12	1	12	1	08	1			
13	15.4	30.4	22.6	22.8	32.4	13.8	13.0	12.9	9.6	13.6	12.0	98	30	66	65	2.0	10.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
14	16.6	28.8	18.4	20.6	29.4	16.1	15.2	13.6	12.1	14.6	13.4	96	40	93	76	1.0	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
15	15.4	29.9	22.6	22.6	31.7	15.2	14.4	13.1	11.1	12.3	12.2	100	35	60	55	5.7	9.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	18.2	27.4	23.5	23.2	29.2	17.0	16.0	15.1	11.2	12.1	12.8	96	40	55	64	7.0	6.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	17.6	26.2	21.6	21.8	27.1	17.2	15.4	14.4	12.4	13.0	13.3	95	48	68	70	6.3	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	19.0	27.0	22.2	22.6	28.8	18.6	17.4	15.7	10.7	14.1	13.5	95	40	70	68	7.7	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	17.8	28.6	22.0	22.6	30.8	17.4	16.8	15.0	11.8	13.0	13.9	98	39	76	71	3.3	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	18.6	28.6	21.5	22.6	30.4	17.5	16.8	15.3	10.2	12.6	12.7	95	35	66	65	6.7	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	16.2	29.6	19.4	21.6	31.0	15.8	14.8	14.3	10.9	13.5	12.9	91	35	80	69	6.3	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	16.0	29.0	21.6	22.0	31.4	14.8	13.7	12.8	10.0	13.3	13.2	94	34	65	64	7.0	8.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	17.2	30.8	21.4	22.1	32.2	16.2	14.6	13.2	11.0	13.3	13.2	94	30	68	73	7.3	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	18.4	27.0	21.8	22.2	29.9	18.0	17.0	15.3	12.2	13.6	13.7	96	45	70	70	6.3	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	18.4	28.3	20.0	21.2	26.9	17.2	16.4	15.1	12.8	13.6	14.6	95	50	90	80	8.0	3.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	16.4	28.1	19.7	21.0	30.4	16.1	15.5	13.4	11.3	16.2	13.6	96	40	94	77	6.3	5.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	17.0	22.2	19.4	19.5	23.3	16.4	15.5	14.0	13.2	15.8	14.3	96	65	94	85	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	16.2	26.8	20.4	21.0	27.3	14.8	14.5	13.3	10.5	17.0	13.6	96	40	95	77	7.7	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	18.2	28.6	18.4	20.9	29.9	16.7	16.0	14.0	14.0	14.2	12.9	90	36	90	72	7.7	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	17.2	20.8	19.2	19.4	26.0	16.6	16.0	14.0	13.8	15.9	14.6	95	75	92	87	9.3	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	17.6	24.6	19.9	20.5	27.4	17.2	16.0	14.2	13.9	15.6	14.6	94	60	90	81	8.0	3.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Med.	17.4	27.5	20.8	21.6	29.2	16.5	15.6	14.2	11.4	14.7	13.4	95	42	80	72	7.0	6.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total : 139.0 m.m.

DATOS DIARIOS

Estación P. A. R. A. G. U. A. Y. O. I. T. O.

Mes Septiembre Año 1968

$\phi = 4^{\circ} 23' N$ $\lambda = 75^{\circ} 42' W$ W. O. R.

Altura 1,250 M.

Días	TEMPERATURAS °C						TENSION DEL VAPOR m m						Humedad Relativa %				Nubosidad DECIMOS		Brillo Solar Horas		PRECIPITACION m m				EVAPORACION m m			VIENTOS								
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20		7		14		20	
	Max.	Min.	Med.	Med.	Max.	Min.	Med.	Med.	Max.	Min.	Med.	Med.	Max.	Min.	Med.	Med.	Max.	Min.	Med.	Med.	Max.	Min.	Med.	Med.	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA				
1	17.6	24.4	19.8	20.3	26.2	17.2	16.2	14.5	11.5	16.0	14.0	96	94	80	7.7	1.7	12.8	0.1	0.3	20.1	0.4	12	1	16	1	12	1	12	1	12	1					
2	16.8	23.8	18.4	19.4	26.5	16.2	15.8	13.4	11.8	13.2	12.8	93	53	84	7.7	8.0	3.3	19.7	—	—	—	—	—	—	—	—	—	—	—	—	—					
3	18.0	28.4	21.2	22.2	29.8	19.8	19.5	13.4	11.7	15.8	13.6	86	40	84	7.0	7.3	8.9	—	—	15.9	—	—	—	—	—	—	—	—	—	—	—					
4	17.4	26.8	18.0	20.0	28.8	16.8	16.0	14.0	10.5	14.7	13.1	94	40	95	7.6	9.3	5.7	15.9	—	—	—	—	—	—	—	—	—	—	—	—	—					
5	15.4	27.6	20.4	21.0	29.4	13.8	13.0	11.8	11.2	13.5	12.2	90	41	75	6.9	4.3	9.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
6	17.1	25.6	19.9	20.6	28.8	15.1	14.1	13.7	11.0	14.8	13.2	94	45	86	7.5	7.0	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
7	17.4	26.4	20.2	21.0	27.7	16.2	15.2	14.2	10.2	15.2	13.2	96	40	86	7.4	7.3	5.3	14.4	—	—	—	—	—	—	—	—	—	—	—	—	—					
8	17.8	24.4	18.8	20.0	25.0	17.2	16.5	14.7	12.5	15.4	14.2	96	54	94	8.1	6.7	1.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
9	19.0	28.2	19.6	21.6	29.5	17.7	17.0	15.5	11.3	16.0	14.3	94	38	94	7.5	7.1	7.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
10	17.8	29.0	21.3	22.4	29.9	16.5	16.0	14.7	10.5	16.2	13.8	96	35	87	7.3	8.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
11	19.2	26.8	20.0	21.5	27.5	18.5	18.0	16.1	12.3	15.8	14.7	96	46	90	7.7	7.3	2.6	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—					
12	17.4	26.2	20.2	21.0	28.5	16.5	16.0	14.2	10.2	15.2	13.2	96	40	86	7.4	7.3	5.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
13	17.8	28.4	20.0	21.6	30.4	16.0	15.4	15.0	10.5	15.8	13.8	98	36	90	7.5	6.7	6.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
14	17.6	29.9	21.6	22.7	31.0	17.0	16.4	13.5	11.1	14.4	13.0	90	35	74	6.6	6.7	6.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
15	18.0	26.6	19.4	20.8	29.9	17.1	16.3	13.8	10.4	16.1	13.4	90	40	95	7.5	6.3	4.6	0.9	—	—	—	—	—	—	—	—	—	—	—	—	—					
16	17.8	27.4	19.6	21.1	28.5	16.3	15.6	14.7	15.3	16.5	15.5	96	56	96	8.3	9.3	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
17	16.3	25.9	18.4	19.8	26.9	15.6	15.0	13.5	12.5	14.6	13.5	98	50	93	8.1	7.0	4.9	13.5	—	—	—	—	—	—	—	—	—	—	—	—	—					
18	17.1	26.3	20.4	21.0	27.3	16.8	16.1	13.7	11.4	17.2	14.1	94	44	96	7.8	8.3	4.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
19	16.0	25.0	19.6	20.6	28.9	17.8	17.0	14.6	16.7	14.5	15.3	94	70	96	8.7	8.3	2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
20	16.0	27.2	18.9	20.2	28.5	14.7	14.0	13.1	12.1	15.4	13.5	96	44	94	7.8	7.0	6.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
21	17.6	25.7	18.1	19.9	27.7	16.0	14.9	14.0	14.0	14.7	14.2	93	56	95	8.1	7.0	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
22	18.0	26.2	18.8	20.4	27.7	17.8	17.0	14.7	11.8	15.4	14.0	95	46	94	7.8	7.3	3.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
23	19.0	27.6	21.0	22.2	28.5	18.4	17.6	15.7	12.8	14.9	14.5	95	46	80	7.4	8.0	9.3	1.2	—	—	—	—	—	—	—	—	—	—	—	—	—					
24	16.4	27.8	20.0	21.0	29.4	14.9	14.0	13.4	11.1	15.3	13.3	96	40	88	7.5	6.3	9.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
25	16.2	26.8	19.0	20.2	28.2	15.0	14.4	13.0	10.5	15.7	13.1	94	40	95	7.6	7.3	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
26	17.6	27.8	18.9	20.8	28.8	14.7	14.0	14.5	11.1	15.4	13.7	96	40	94	7.7	6.0	5.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
27	16.6	27.0	18.0	19.9	29.3	15.4	14.5	13.6	10.5	14.6	12.9	96	38	94	7.6	8.7	7.0	23.0	—	—	—	—	—	—	—	—	—	—	—	—	—					
28	16.4	24.8	19.1	19.8	25.4	16.2	15.3	13.4	10.7	15.5	13.2	96	46	94	7.9	8.7	1.0	34.2	—	—	—	—	—	—	—	—	—	—	—	—	—					
29	15.6	25.8	17.8	19.2	26.2	15.3	14.5	12.3	10.0	14.7	12.3	93	40	95	7.6	6.3	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
30	16.6	24.2	18.6	19.5	25.6	14.8	14.0	13.5	10.9	13.5	12.6	95	48	85	7.6	8.0	1.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
31																																				
Med	17.3	26.6	19.5	20.7	28.1	16.2	15.5	14.0	11.6	15.2	13.6	94	44	90	7.6	7.3	5.1	4.5	0.1	1.5	5.7	1.8	—	—	—	—	—	—	—	—	—					

Precipitación total : 169.9 mm.

DATOS DIARIOS

Estación Paraguayito Mes Octubre Año 1968 ϕ 4° 53' N λ 75° 42' W GR. Altura 1.250 M.

Días	TEMPERATURA °C						TENSIÓN DEL VAPOUR mm						Humedad Relativa %			NUBES EN DÉCIMOS Horas			PRECIPITACION mm					EVAPORACION mm			VIENTOS										
	7		14		20		Med.		Máx.		Mín.		Med.		Mód.		7		14		20		Total		7		14		20		7		14		20		
	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	Med.	Máx.	Mín.	Mód.	Mód.	Mód.	Mód.	Mód.	Mód.	Mód.	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA			
	Km./Hora	Km./Hora	Km./Hora	Km./Hora	Km./Hora	Km./Hora	Med.	Km./Hora	Km./Hora	Km./Hora	Km./Hora	Km./Hora	Km./Hora	Km./Hora	Km./Hora	Km./Hora	DIREC.	Km./Hora	DIREC.	Km./Hora	DIREC.	Km./Hora	DIREC.	Km./Hora	DIREC.	Km./Hora	DIREC.	Km./Hora	DIREC.	Km./Hora	DIREC.	Km./Hora	DIREC.	Km./Hora			
1	16.8	21.6	19.2	20.7	29.3	16.0	15.5	33.6	13.1	15.6	33.4	95	40	94	76	7.3	3.4	—	—	—	—	0.7	—	—	—	—	—	—	—	—	—	—	1.8	12	1	12	1
2	17.6	24.0	19.8	20.3	26.5	16.8	16.2	14.5	14.3	14.8	14.5	96	64	86	82	8.3	4.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.6	00	0	12	1	
3	18.6	27.4	20.4	21.7	28.8	17.6	17.0	15.2	13.3	16.0	14.8	94	48	94	79	7.3	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.8	12	1	12	1	
4	18.3	26.4	21.6	22.0	27.0	17.0	16.3	15.1	12.6	16.2	14.6	96	48	84	76	7.7	5.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	18.6	22.8	18.4	19.6	24.0	18.0	17.2	15.3	14.9	13.3	15.2	95	71	96	87	7.7	0.1	5.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6	16.6	24.2	19.2	19.8	28.0	15.5	14.8	13.5	12.7	15.6	13.9	95	56	94	82	8.0	6.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
7	17.4	23.8	17.8	19.2	24.9	16.8	16.0	14.2	14.6	14.7	14.5	96	65	96	86	9.3	3.9	3.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
8	17.0	26.8	18.8	20.3	28.3	16.2	15.2	13.7	11.8	14.7	13.4	94	44	91	76	6.7	6.2	43.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
9	17.0	25.9	18.8	20.7	27.9	16.8	16.0	14.0	13.0	15.0	14.0	96	52	86	78	8.1	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
10	17.0	26.8	18.8	20.3	28.3	16.2	15.2	13.7	11.8	14.7	13.4	94	44	91	76	6.7	6.2	43.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
11	16.0	27.4	19.4	20.6	28.4	14.5	13.7	13.0	11.8	14.4	13.1	95	43	86	75	6.7	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
12	15.8	26.4	18.4	19.8	28.3	15.6	14.7	13.4	10.2	15.0	12.9	100	40	94	78	6.0	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
13	17.4	23.2	17.6	18.9	25.8	15.6	14.7	14.2	13.0	13.5	13.6	95	61	90	82	7.0	2.4	30.1	23.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
14	16.0	23.2	19.8	21.0	28.9	14.6	13.7	12.8	12.9	15.7	13.8	94	44	91	76	5.7	8.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
15	16.6	26.2	20.6	21.0	27.8	16.3	15.4	13.3	12.4	15.6	13.8	94	48	86	76	7.1	3.8	18.5	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
16	17.4	22.8	17.6	18.8	28.9	16.2	15.8	14.2	14.7	14.2	14.4	96	70	94	87	7.0	5.0	1.3	3.3	2.4	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	18.0	26.9	20.0	21.2	28.1	16.5	16.0	14.9	13.2	14.7	14.3	96	48	84	76	7.7	6.9	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
18	17.3	23.6	18.6	19.5	26.6	16.0	15.4	14.1	14.0	15.2	14.4	96	64	94	85	7.3	4.6	19.1	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
19	16.8	25.0	18.0	19.5	26.3	16.0	15.3	13.8	12.9	14.9	13.9	96	54	96	86	8.3	0.7	36.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
20	16.6	24.6	17.6	18.3	23.0	16.2	15.4	13.6	13.4	14.0	13.7	96	70	93	86	6.7	1.0	4.4	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
21	16.0	28.8	20.4	21.4	29.9	13.8	13.0	13.1	11.8	15.3	13.4	96	38	85	73	9.3	6.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
22	18.0	26.2	20.0	21.1	27.4	16.8	16.0	14.6	13.8	15.0	14.5	94	54	86	78	8.0	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
23	18.4	28.6	21.4	22.5	30.2	17.3	16.5	13.7	13.1	16.9	14.3	86	44	84	71	6.0	9.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
24	18.0	28.8	20.6	21.4	26.9	16.9	16.0	15.3	13.9	15.9	15.0	96	55	88	80	7.7	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
25	18.0	28.2	19.4	21.2	28.3	16.3	15.4	14.9	13.3	14.7	14.3	96	46	88	77	7.3	7.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
26	17.6	29.6	17.8	18.2	28.0	17.2	16.4	14.4	14.4	15.7	14.7	94	52	92	96	9.4	7.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
27	16.2	24.4	18.2	19.2	26.6	15.8	15.0	13.1	12.0	14.5	13.2	95	92	96	94	7.7	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
28	17.0	25.4	18.6	19.8	28.0	15.7	15.0	14.0	14.2	15.2	14.5	96	58	94	83	7.7	6.8	0.8	0.1	5.9	14.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
29	18.0	26.2	18.4	20.2	28.0	16.1	15.4	14.9	11.4	15.3	13.9	96	44	94	79	7.7	2.6	8.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
30	17.0	27.0	19.8	20.4	28.0	15.8	15.0	13.8	12.2	15.4	13.8	95	45	94	78	7.3	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
31	17.0	23.6	17.6	19.0	26.2	16.2	15.4	14.0	12.2	14.2	13.5	96	56	94	82	8.3	2.0	67.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Med.	17.2	23.4	19.1	20.2	27.2	16.2	15.4	14.1	13.1	14.9	14.0	95	54	91	80	7.5	4.4	9.6	1.0	1.3	11.9	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—		

Precipitación total 369.0 mm.

DATOS DIARIOS

Estación P. S. G. N. Y. O. I. T. O. Mes D. I. C. I. E. N. B. R. O. Año 1968 $\psi = 40^{\circ} 53' N$ $\lambda 75^{\circ} 42' W$ GR Altura 1.250 M.

Días	TEMPERATURAS					TENSION DEL VAPOR					Humedad Relativa %			NUBESIDAD		Brillo Solar Horas		PRECIPITACION m. m.			VIENTOS								
	Med.		Máx.	Min.	Mínima Suelo	m. m.			%			7	14	20	7	14	20	Total	7	14	20	FUERZA		DIRECCION					
	7	14				20	7	14	20	7	14											20	Km./Hora	DIRECCION	Km./Hora	DIRECCION			
1	17.0	24.6	18.2	19.5	26.4	16.8	16.0	14.0	10.3	14.0	12.8	56	45	90	77	7.0	2.0	3.3	—	2.9	5.6	0.4	12	1	12	1			
2	17.4	27.4	16.8	20.6	28.1	16.9	16.0	13.3	8.3	14.3	12.0	90	30	88	69	6.7	5.2	2.7	0.2	4.5	4.7	2.2	12	1	12	1			
3	17.4	27.4	17.6	20.0	28.4	16.0	15.2	13.3	11.0	10.6	11.6	90	40	70	67	8.0	7.6	—	—	23.2	31.1	1.6	00	0	12	1			
4	17.2	19.8	15.9	17.2	23.9	16.8	16.0	14.1	12.9	12.1	13.0	96	74	90	87	9.7	1.7	7.9	4.5	30.6	36.8	0.7	16	1	12	1			
5	16.6	25.4	17.1	18.8	27.0	14.2	13.6	11.9	8.8	12.7	11.1	80	36	86	71	6.0	4.3	1.7	—	—	—	—	2.2	12	1	12	1		
6	15.6	27.9	20.2	21.2	29.0	14.2	13.1	11.3	9.8	14.3	11.8	80	35	80	65	5.0	9.6	—	—	—	—	—	1.6	12	1	12	1		
7	17.0	28.3	19.6	21.1	29.3	16.1	15.0	14.0	10.0	14.6	12.9	96	35	86	72	7.0	8.2	—	—	—	—	—	2.4	12	1	12	1		
8	17.0	26.6	20.0	20.9	28.4	16.6	15.4	14.0	10.3	14.9	13.1	96	40	85	74	6.0	7.1	—	—	—	—	—	2.2	12	1	12	1		
9	17.8	28.6	20.4	21.8	29.9	16.6	15.7	13.7	10.2	16.0	13.3	90	35	90	72	7.0	2.8	—	—	—	—	—	1.8	12	1	12	1		
10	19.0	26.2	19.8	21.2	27.3	18.0	17.0	15.1	11.8	15.6	14.2	92	46	90	76	7.7	1.9	—	—	—	—	—	0.9	12	1	12	1		
11	18.0	24.8	20.6	21.0	28.8	16.6	16.0	14.7	13.2	15.0	14.3	95	56	83	78	6.7	3.4	0.9	—	—	—	—	1.4	00	0	12	1		
12	17.3	28.8	21.8	22.4	30.3	16.9	15.8	13.2	10.4	15.6	13.1	90	35	80	68	7.0	7.9	—	—	—	—	—	2.0	12	1	12	1		
13	17.1	29.0	22.0	22.5	30.3	16.8	15.7	13.8	12.1	14.9	13.6	95	40	75	70	6.7	8.7	—	—	—	—	—	1.8	00	0	12	1		
14	18.0	28.8	19.6	21.5	29.9	17.8	17.0	15.6	12.1	15.7	14.5	100	40	93	78	8.0	5.8	—	—	—	—	—	7.2	1.1	12	1	12	1	
15	16.0	28.6	19.4	20.8	30.3	15.7	14.2	13.7	11.9	15.2	13.6	100	40	90	77	6.0	7.1	—	—	—	—	—	0.9	0.9	1.2	12	1	12	1
16	16.8	29.0	20.8	21.8	31.3	15.6	14.8	13.2	10.5	14.7	12.8	92	35	80	69	5.7	9.8	—	—	—	—	—	—	—	—	—	—	—	—
17	17.0	29.3	21.4	22.4	30.3	16.4	15.5	13.8	12.2	16.2	14.1	95	40	85	73	5.3	9.4	—	—	—	—	—	—	—	—	—	—	—	—
18	16.8	28.0	21.2	21.8	30.5	16.6	15.4	13.4	11.3	16.9	13.9	93	40	90	74	5.7	8.1	—	—	—	—	—	—	—	—	—	—	—	—
19	19.0	28.8	18.0	21.0	30.3	18.2	17.3	14.6	12.1	13.8	13.6	90	40	90	73	7.7	6.8	—	—	—	—	—	—	—	—	—	—	—	—
20	16.4	29.4	20.3	21.6	30.5	15.3	14.0	13.4	11.0	14.6	13.0	96	36	83	72	6.3	8.3	—	—	—	—	—	—	—	—	—	—	—	—
21	17.6	29.6	20.8	22.2	30.2	17.1	16.2	13.2	10.3	15.2	12.9	88	33	83	68	6.3	7.5	—	—	—	—	—	—	—	—	—	—	—	—
22	18.2	26.9	20.0	21.3	28.3	17.7	17.2	15.8	13.2	17.3	15.4	100	50	93	81	9.3	4.8	24.9	0.2	13.2	15.3	0.4	12	1	12	1	12	1	
23	18.0	28.1	20.4	21.7	29.0	18.0	17.1	15.6	11.3	12.6	13.2	100	40	70	73	6.4	8.1	3.9	—	0.2	11.3	3.2	12	1	12	1	12	1	
24	18.0	27.0	19.4	21.0	29.0	17.4	17.0	14.9	10.7	16.3	14.0	96	40	96	77	6.7	5.0	11.1	—	—	—	—	—	—	—	—	—	—	—
25	18.0	28.0	20.2	21.6	29.3	17.4	16.5	14.1	8.0	15.2	13.1	92	35	86	71	7.0	7.0	—	—	—	—	—	—	—	—	—	—	—	—
26	16.8	27.7	20.6	21.4	29.4	15.8	15.0	13.8	9.2	15.3	12.8	96	35	85	71	7.7	9.0	—	—	—	—	—	—	—	—	—	—	—	—
27	15.4	27.2	21.2	21.3	28.2	14.9	14.0	11.8	9.4	14.2	11.8	90	35	75	67	6.0	10.0	—	—	—	—	—	—	—	—	—	—	—	—
28	14.4	26.8	20.0	20.8	29.9	14.4	13.0	11.0	10.0	14.1	11.7	90	33	80	68	5.0	9.2	—	—	—	—	—	—	—	—	—	—	—	—
29	14.0	28.1	21.0	21.0	29.9	14.0	12.8	10.5	9.4	13.5	11.1	90	33	73	65	7.0	9.5	—	—	—	—	—	—	—	—	—	—	—	—
30	16.4	28.3	20.2	21.3	29.9	15.0	14.0	13.3	11.5	14.3	13.0	95	40	80	72	3.3	9.5	—	—	—	—	—	—	—	—	—	—	—	—
31	16.4	27.4	19.8	21.0	28.9	16.3	15.4	13.6	10.9	14.6	13.0	93	40	84	72	6.7	6.6	1.8	0.4	2.4	4.5	1.7	—	—	—	—	—	—	—
Med.	17.0	27.4	19.8	21.0	28.9	16.3	15.4	13.6	10.9	14.6	13.0	93	40	84	72	6.7	6.6	1.8	0.4	2.4	4.5	1.7	—	—	—	—	—	—	—

Precipitación total 136.7 m.m.

RESUMEN MENSUAL Y ANUAL

ESTACION: PARAGUAYITO

AÑO: 1968

M E S	PRESION ATMOSFERICA SOBRE 800 MM. HG.			TEMPERATURA °C			TEMPERATURAS EXTREMAS °C						HUMEDAD RELATIVA %			TENSION DEL VAPOR MM. HG.			PRECIPITACION																				
	MAX.	MIN.	DA	MAX.	MIN.	DA	MAX.	MIN.	DA	MAX.	MIN.	MEDIA	MAX.	MIN.	MEDIA	MAX.	MIN.	MEDIA	7	14	20	DIAS LLUVIOSOS																	
																						SUMA	7	14	20														
ENERO	16.7	27.2	20.1	21.0	28.7	15.9	31.4	20	12.8	3	15.0	3	15.0	3	15.0	3	15.0	3	15.0	96	42	82	73	33	15.9	9.5	13.1	7.0	6.6	1.4	84.6	9.8	18.9	134.5	12	52.0	22		
FEBRERO	17.3	26.5	20.5	21.2	28.1	16.6	31.4	18	14.0	24	15.6	24	15.6	24	15.6	24	15.6	24	15.6	96	47	82	75	36	16.4	9.8	13.7	7.3	5.0	2.5	138.8	16.6	26.8	193.9	15	42.2	22		
MARZO	17.0	26.6	19.7	20.8	28.0	16.4	31.2	31	14.8	6	15.5	6	15.5	6	15.5	6	15.5	6	15.5	96	41	85	74	30	16.3	7.2	13.1	7.6	4.9	2.1	108.8	0.4	89.3	165.6	15	40.5	14		
ABRIL	17.9	27.5	20.1	21.4	28.8	17.2	32.0	5	14.1	26	16.2	9	15.8	9	15.8	9	15.8	9	15.8	97	50	92	80	30	18.4	9.6	14.9	7.5	5.1	1.8	103.0	3.4	47.9	154.3	22	29.9	7		
MAYO	17.7	26.9	19.8	21.0	28.6	16.7	31.6	24	14.1	9	15.8	8	15.8	8	15.8	8	15.8	8	15.8	98	54	93	82	40	17.8	12.5	15.0	7.4	5.3	1.8	70.5	20.0	30.6	122.2	17	39.2	20		
JUNIO	17.4	26.0	19.3	20.5	27.4	16.6	29.9	13.8	8	15.8	8	15.8	8	15.8	8	15.8	8	15.8	8	94	49	88	77	38	16.0	10.0	13.6	8.0	5.0	1.3	35.3	29.4	41.1	132.7	21	26.1	30		
JULIO	17.6	27.0	20.7	21.5	28.5	16.8	31.0	27	13.5	11	16.0	11	16.0	11	16.0	11	16.0	11	16.0	95	43	80	73	30	16.8	7.3	13.4	7.1	5.7	1.7	51.5	18.8	8.6	50.9	11	9.9	19		
AGOSTO	17.4	27.5	20.8	21.6	29.2	16.5	32.4	13	13.8	13	15.6	13	15.6	13	15.6	13	15.6	13	15.6	95	42	80	72	30	16.8	9.6	13.4	7.0	6.3	1.7	100.2	5.8	20.2	139.0	9	81.3	26		
SEPTIEMBRE	17.3	26.6	19.5	20.7	28.1	16.2	31.0	14	13.8	6	15.5	6	15.5	6	15.5	6	15.5	6	15.5	94	44	90	76	35	17.2	10.0	13.6	7.3	5.1	1.8	135.8	2.7	44.2	169.9	21	38.7	27		
OCTUBRE	17.2	25.4	19.1	20.2	27.2	17.2	30.2	23	13.8	21	15.4	21	15.4	21	15.4	21	15.4	21	15.4	95	54	91	80	38	16.2	10.2	14.0	7.5	4.4	1.3	298.0	30.0	41.0	369.0	22	67.6	30		
NOVIEMBRE	17.1	26.2	19.3	20.5	27.9	16.2	30.2	19	13.6	10	15.4	10	15.4	10	15.4	10	15.4	10	15.4	94	48	88	77	33	16.4	10.0	13.5	7.3	5.4	1.5	191.4	11.5	77.5	283.7	20	49.2	9		
DICIEMBRE	17.0	27.4	19.8	21.0	28.9	16.3	31.3	16	17.0	30	15.4	30	15.4	30	15.4	30	15.4	30	15.4	93	40	84	72	33	17.3	8.3	13.0	6.7	6.6	1.7	54.4	12.1	75.5	138.7	10	36.8	4		
MEDIA ANUAL	17.3	26.7	19.9	21.0	28.3	16.6	31.1	—	13.8	—	15.6	95	46	86	76	34	16.8	9.5	13.7	7.3	5.4	1.7	114.3	13.4	43.5	171.2	195	43.0	—	—	—	—	—	—	—	—	—	—	—

PRECIPITACION TOTAL: 2.054.4

PRECIPITACION MAXIMA: 81.3 VIII-26

DIAS LLUVIOSOS: 195

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

ESTACION: PARAGUAYCITO

AÑO: 1968

MESES	PRECIPITACION												TEMPERATURA													
	7 HORAS			14 HORAS			20 HORAS			TOTAL			Máximo	Máximo	Máximo	Máximo										
	Més. de			Més. de			Més. de			Més. de			Abajo de	Abajo de	Abajo de	Abajo de										
	01	10	200	500	01	10	200	500	01	10	100	200	500	01	10	25	50	100	200	500	16 °C	18 °C	26 °C	30 °C		
ENERO	5	3	3	2	-	-	-	-	10	2	1	-	-	12	6	6	5	4	4	1	19	2	1	2		
FEBRERO	10	8	4	3	-	-	-	-	7	2	1	1	-	15	11	10	9	7	4	-	6	2	4	1		
MARZO	13	10	4	2	-	-	-	-	10	6	2	2	-	15	10	8	6	5	4	-	9	1	5	1		
ABRIL	15	11	4	1	-	-	-	-	18	11	1	-	-	22	18	15	10	6	1	-	3	5	2	9		
MAYO	10	5	2	2	-	-	-	-	13	7	1	-	-	17	11	8	5	3	3	-	9	5	2	6		
JUNIO	10	6	1	1	-	-	-	-	16	9	1	-	-	21	14	10	9	5	2	-	7	4	3	-		
JULIO	9	8	1	1	-	-	-	-	6	4	-	-	-	11	9	9	4	-	-	-	7	5	2	6		
AGOSTO	4	4	2	1	1	5	2	-	5	4	-	-	-	9	7	6	4	3	2	1	7	2	2	13		
SEPTIEMBRE	10	8	7	2	-	-	-	-	17	11	1	-	-	21	16	10	7	6	2	-	13	2	3	2		
OCTUBRE	15	12	7	5	2	8	3	1	1	14	8	1	-	-	22	17	16	13	10	7	2	12	1	5	1	
NOVIEMBRE	15	12	7	2	-	5	2	-	15	7	1	1	-	20	16	15	14	9	5	-	10	1	5	1		
DICIEMBRE	8	7	2	1	-	4	2	-	7	5	2	2	-	10	8	8	7	5	2	-	11	3	2	9		
SUMA ANUAL	124	94	44	22	1	69	25	3	1	-	137	74	12	6	-	195	143	121	93	64	36	4	113	31	36	62

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	PRECIPITACION MAS DE 0.1 MM.																								TOTAL
	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	
ENERO	2	1	1	3	3	1	1	2	-	1	1	1	1	-	2	1	4	2	3	1	1	1	2	2	13
FEBRERO	7	5	6	5	3	2	1	3	2	2	-	3	2	1	4	1	3	1	1	1	3	2	6	4	15
MARZO	4	3	6	3	7	6	1	1	-	1	-	-	-	-	1	3	4	3	4	5	3	3	5	4	17
ABRIL	8	9	9	8	5	6	5	2	1	-	1	2	1	3	6	6	7	6	8	5	3	4	6	23	
MAYO	1	2	4	4	7	1	3	2	1	1	1	4	3	6	8	9	4	-	1	-	2	-	2	19	
JUNIO	3	3	5	4	4	4	3	2	3	4	2	2	5	3	4	5	5	3	3	1	2	3	4	25	
JULIO	3	4	5	4	5	4	2	2	3	2	3	2	2	2	2	3	2	2	2	-	1	1	2	13	
AGOSTO	1	3	4	4	4	4	2	2	2	1	-	1	1	2	3	2	1	-	1	2	1	1	-	9	
SEPTIEMBRE	4	5	4	5	5	5	2	1	1	-	-	-	2	3	4	5	5	4	5	8	4	4	5	4	21
OCTUBRE	7	9	8	9	6	7	9	4	1	1	1	2	4	6	4	5	6	5	6	7	6	2	2	22	
NOVIEMBRE	6	4	9	8	6	6	2	1	1	1	-	-	2	4	4	4	6	8	5	8	6	9	8	9	21
DICIEMBRE	3	2	2	2	3	4	2	1	-	-	1	-	1	2	2	4	4	4	3	2	4	2	3	2	12
SUMA ANUAL	49	50	63	59	58	48	33	23	15	13	11	10	22	34	37	46	53	48	41	41	33	35	41	37	210

FRECUENCIAS DE NUBOSIDAD - BRILLO SOLAR - VIENTOS

AÑO: 1-1968

ESTACION: PAREQUEYUITO

MESES	NUBOSIDAD en DÉCIMOS		BRILLO SOLAR HORAS		Número de días con: VIENTOS																													
	Más de 3.0	Menos de 3.0	Más de 9.0	Menos de 9.0	7 HORAS							14 HORAS							20 HORAS															
					N	N	E	E	S	S	W	W	W	C	N	N	E	E	S	S	W	W	W	C	N	N	E	E	S	S	W	W	W	C
ENERO	-	8	1	7	-	1	-	-	16	-	14	-	-	-	3	3	1	20	-	4	-	-	-	-	-	-	-	-	3	4	-	15	-	9
FEBRERO	-	10	1	1	-	2	-	-	11	-	16	-	-	-	3	3	-	18	-	5	-	-	-	-	-	-	-	-	5	-	17	-	7	
MARZO	-	13	3	1	-	2	-	-	17	-	12	1	-	-	1	1	-	25	-	3	1	-	-	-	-	-	-	-	1	2	-	26	-	1
ABRIL	-	11	1	2	1	-	4	1	-	16	1	8	3	-	-	1	3	-	18	-	5	3	-	-	-	-	-	-	4	-	17	-	6	
MAYO	-	12	1	2	-	1	-	-	26	-	5	2	-	-	-	3	1	25	-	2	-	-	-	-	-	-	-	-	-	3	1	25	-	2
JUNIO	-	15	3	1	-	1	-	-	22	-	7	3	-	-	-	1	-	24	-	2	-	-	-	-	-	-	-	-	-	8	1	19	-	2
JULIO	2	9	2	3	-	-	-	-	22	-	9	1	-	-	-	-	27	-	3	-	3	-	-	-	-	-	-	-	8	3	-	17	-	3
AGOSTO	2	9	1	6	-	-	-	-	26	-	5	4	-	-	-	-	21	-	6	2	-	-	-	-	-	-	-	4	1	21	-	3		
SEPTIEMBRE	-	9	1	3	-	-	-	-	22	-	8	1	-	-	-	3	-	26	-	-	-	-	-	-	-	-	-	-	8	2	-	20	-	-
OCTUBRE	-	8	4	1	1	-	-	-	19	-	11	-	-	-	-	1	-	23	-	6	-	-	-	-	-	-	-	-	2	1	-	23	-	5
NOVIEMBRE	-	12	-	3	-	-	-	-	2	-	19	-	9	-	-	-	1	-	25	-	4	-	-	-	-	-	-	-	-	-	29	-	1	
DICIEMBRE	-	4	1	8	2	-	-	-	24	-	5	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-
SUMA ANUAL	4	120	19	37	4	-	-	10	3	-	240	-	109	15	-	10	17	3	283	-	38	6	-	-	-	-	-	43	17	1	260	-	39	

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	8-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18				
ENERO	-	1	10	14	19	10	14	16	15	12	9	-	23	6	4	3	3	3	2	4	3	5	8	16				
FEBRERO	-	1	5	11	7	4	6	10	10	7	7	-	26	14	8	4	2	3	5	5	5	11	10	16				
MARZO	-	2	4	7	9	2	4	8	10	10	6	-	31	16	6	3	6	5	8	5	3	7	10	18				
ABRIL	-	2	7	6	11	8	10	12	10	8	5	-	24	18	11	6	4	6	6	5	3	7	13	19				
MAYO	-	-	6	11	10	9	9	13	8	7	4	-	24	15	11	6	7	4	3	3	3	7	14	18				
JUNIO	-	-	3	5	9	9	6	8	6	6	3	-	24	16	10	7	5	5	3	3	7	9	10	15				
JULIO	-	3	4	7	6	7	7	10	11	8	12	1	17	8	7	6	5	5	4	2	3	4	7	15				
AGOSTO	-	2	8	12	10	10	8	7	9	5	5	-	20	10	5	1	3	4	5	3	4	4	8	14				
SEPTIEMBRE	-	2	8	12	10	10	8	7	9	5	5	-	24	9	9	8	5	6	4	-	8	12	16	22				
OCTUBRE	-	2	5	12	9	10	13	13	10	9	7	-	31	12	13	10	9	10	8	12	11	9	16	23				
NOVIEMBRE	-	1	6	9	16	17	18	17	17	14	10	2	28	15	9	7	3	2	4	4	5	8	10	17				
DICIEMBRE	-	1	6	9	16	17	18	17	17	14	10	2	26	10	5	2	1	1	3	4	4	3	7	14				
SUMA ANUAL	-	17	72	113	124	106	113	133	125	99	75	3	298	149	98	63	43	54	55	50	59	86	131	207				

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: Paraguaycito

Año 1.968

394

MESES	TOTAL			No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
	m. m.	Dias	No. Dias	Dia	Noche	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	134.5	12	14	6	20	23.2	111.3	8:55'	15:25'	24:20'	44.8	6:25'	0.12	5.5	1.1	6:25'	44.8	0.12	5.5	1.1
Febrero	193.9	15	14	17	31	43.0	150.9	12:45'	36:15'	49:00'	39.6	5:35'	0.12	2.5	0.5	6:10'	14.9	0.04	2.2	0.5
Marzo	165.6	15	14	23	37	87.0	78.6	12:40'	25:15'	37:55'	37.4	0:50'	0.75	10.2	2.0	4:15'	29.2	0.11	5.0	1.0
Abril	154.3	22	31	32	63	51.5	102.8	22:30'	44:50'	67:20'	29.2	5:00'	0.10	3.5	0.7	6:25'	15.6	0.04	1.0	0.2
Mayo	122.2	17	31	17	48	50.1	72.1	16:15'	15:30'	31:45'	38.6	3:10'	0.20	7.0	1.4	4:40'	23.8	0.08	5.5	1.1
Junio	132.7	21	28	17	45	61.7	71.0	22:25'	27:45'	50:10'	28.0	3:00'	0.16	2.5	0.5	8:15'	14.3	0.03	0.5	0.1
Julio	50.9	11	16	14	30	29.3	21.6	14:50'	14:50'	29:40'	8.6	0:55'	0.16	4.0	0.8	3:20'	6.5	0.03	0.5	0.1
Agosto	139.0	9	12	7	19	23.3	115.7	3:00'	24:25'	27:25'	76.4	7:30'	0.17	7.2	1.4	7:30'	76.4	0.17	7.2	1.4
Septbre.	169.9	21	24	16	40	38.9	131.0	16:00'	37:05'	53:05'	30.1	6:20'	0.08	9.0	1.8	6:40'	14.3	0.04	0.8	0.2
Octbre.	369.0	22	23	27	50	40.9	328.1	21:50'	63:45'	85:35'	62.9	2:30'	0.42	9.5	1.9	10:30'	53.9	0.08	9.6	1.9
Novbre.	283.7	20	22	28	50	78.5	205.2	22:15'	58:10'	80:25'	49.0	5:10'	0.16	7.7	1.5	10:00'	39.1	0.06	2.1	0.4
Dicbre.	138.7	10	15	13	28	89.4	49.3	16:00'	16:45'	32:45'	32.3	2:50'	0.19	4.0	0.8	4:25'	24.9	0.09	4.0	0.8
TOTALES	2054.4	195	244	217	461	616.8	1437.6	189:25'	380:00'	569:25'	476.9	49:15'	XX	XX	XX	78:35'	357.7	XX	XX	XX

DATOS DIARIOS

 Estación COCHABAMBO

 Mes ENERO

 Año 1938

☉ = 4° 45' N ☽ = 74° 29' WGR

 Altura 1.250 M.

Días	TEMPERATURAS C.						TENSION DEL VAPOUR mm						Humedad Relativa %			NUBOSIDAD DECIMOS	Brillo solar Horas	PRECIPITACION mm			VIENTOS				
	Méd.		Máx.	Min.	Mínima Suabe		Méd.		Máx.	Min.	Méd.		7	14	20			Total		7		14		20	
	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20			7	14	20	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	
1	16.0	24.0	18.8	19.4	25.0	14.4	13.5	13.2	11.2	15.5	13.3	96	50	95	80	10.3	—	—	—	—	—	—	—		
2	17.1	24.9	16.7	18.8	25.4	15.6	14.4	6.7	10.7	5.6	7.7	45	46	40	44	—	—	—	—	—	—	—	—		
3	16.0	25.4	14.6	17.6	25.8	15.6	14.7	6.0	8.6	11.9	8.8	45	35	96	59	9.9	—	—	—	—	—	—	—		
4	12.3	24.0	17.6	17.9	25.4	11.4	10.3	9.6	8.7	14.5	10.9	90	38	96	75	9.2	—	—	—	—	—	—	—		
5	15.0	23.6	18.8	19.0	25.0	13.0	12.3	12.1	12.2	15.7	13.3	95	55	96	82	—	—	—	—	—	—	—	—		
6	15.0	22.8	17.9	18.4	24.4	13.9	13.0	12.0	12.5	14.6	13.0	94	60	95	83	4.1	—	—	—	—	—	—	—		
7	14.6	22.4	18.8	19.0	26.0	12.8	11.6	10.8	10.1	15.7	12.2	90	45	96	77	8.3	—	—	—	—	—	—	—		
8	16.6	22.4	16.0	17.8	24.0	14.5	14.0	13.6	12.1	13.1	12.9	96	60	96	84	10.3	—	—	—	—	—	—	—		
9	14.0	24.4	17.7	18.4	25.6	12.3	11.4	10.2	9.8	14.6	11.5	85	43	95	74	—	—	—	—	—	—	—	—		
10	16.8	26.0	16.8	19.1	26.3	14.8	13.6	8.6	10.0	11.5	10.0	60	40	80	60	—	—	—	—	—	—	—	—		
11	16.0	26.3	17.9	19.5	26.8	15.4	14.3	10.2	11.4	14.7	12.1	75	44	96	72	4.8	—	—	—	—	—	—	—		
12	15.4	24.0	17.3	18.5	25.4	15.1	14.3	11.8	11.5	12.7	12.0	90	51	86	76	—	—	—	—	—	—	—	—		
13	14.4	23.7	17.7	18.4	26.0	13.7	13.0	12.4	11.1	14.7	12.7	100	50	96	82	4.3	—	—	—	—	—	—	—		
14	15.0	21.0	17.8	17.9	22.4	13.8	13.0	11.8	15.6	14.6	14.0	93	84	95	91	—	—	—	—	—	—	—	—		
15	15.1	24.0	16.0	17.8	24.3	14.5	14.0	12.4	11.2	13.0	12.2	96	50	95	80	3.3	—	—	—	—	—	—	—		
16	14.0	25.8	18.8	19.4	26.3	12.7	12.0	10.8	12.5	15.5	12.9	90	50	95	78	8.4	—	—	—	—	—	—	—		
17	14.0	23.6	16.8	17.8	24.8	12.8	12.0	10.2	12.2	13.8	12.1	85	56	96	79	5.4	—	—	—	—	—	—	—		
18	14.3	24.9	18.0	18.8	25.5	12.3	10.5	9.6	13.2	14.7	12.5	80	56	95	77	—	—	—	—	—	—	—	—		
19	14.7	25.4	18.0	19.0	26.2	13.0	12.1	11.3	13.5	14.7	13.2	90	55	95	80	—	—	—	—	—	—	—	—		
20	17.0	26.8	20.0	21.0	27.0	15.0	14.1	11.6	13.2	14.9	13.2	80	48	85	71	8.1	—	—	—	—	—	—	—		
21	17.4	24.8	18.8	20.0	25.4	16.6	15.5	14.2	13.2	15.0	14.1	95	56	93	81	3.9	—	—	—	—	—	—	—		
22	16.8	23.3	16.8	18.4	24.0	16.0	15.3	13.8	11.8	12.9	12.8	96	56	90	81	—	—	—	—	—	—	—	—		
23	16.0	19.0	16.8	17.2	22.2	14.9	14.0	13.0	15.9	13.8	14.2	95	96	96	96	0.6	—	—	—	—	—	—	—		
24	15.4	23.8	17.4	18.5	24.0	13.9	13.0	12.5	13.9	14.2	13.5	95	63	95	84	3.7	—	—	—	—	—	—	—		
25	17.1	19.0	17.8	17.9	25.4	16.4	15.3	13.8	13.9	14.6	14.1	95	85	95	92	0.3	—	—	—	—	—	—	—		
26	14.7	22.8	16.1	17.4	23.6	13.9	13.0	12.0	12.5	13.0	12.5	95	60	95	83	5.9	—	—	—	—	—	—	—		
27	16.0	25.9	17.0	19.0	26.6	11.8	11.0	7.5	10.9	13.8	10.7	55	44	95	65	10.3	—	—	—	—	—	—	—		
28	14.0	26.4	18.9	19.6	27.0	12.8	12.0	11.4	10.2	14.6	12.1	95	40	90	75	5.5	—	—	—	—	—	—	—		
29	16.8	22.4	17.3	18.4	24.0	15.5	15.0	13.6	15.3	14.1	14.3	95	75	96	89	2.2	—	—	—	—	—	—	—		
30	17.4	25.1	18.9	20.1	26.0	16.3	15.0	14.0	11.9	14.6	13.5	94	50	90	78	3.6	—	—	—	—	—	—	—		
31	16.6	20.0	17.8	18.0	23.3	15.8	15.0	13.2	15.0	14.6	14.3	93	86	95	91	0.5	—	—	—	—	—	—	—		
Med	15.5	23.9	17.6	18.6	25.1	14.2	13.3	11.4	12.1	13.9	12.5	86	56	92	78	0.6	—	—	—	—	—	—	—		

Precipitación total : 66.8 mm.

DATOS DIARIOS

Estación

Cachipay

Mes

Febrero

Año 1968

φ 4° 45' N

λ 74° 29' WGR

Altura 1.250 M.

Días	TEMPERATURAS -°C				TENSION DEL VAPOUR m m				Humedad Relativa %				Brillo Solar Horas	PRECIPITACION m m			EVAPORACION m m	VIENTOS								
	7	14	20	Med.	Máx.	Min.	Hmima Stelo	7	14	20	Med.	7		14	20	Med.		7	14	20	Total	DIREC. CION	FUERZA Km./Hora	DIREC. CION	FUERZA Km./Hora	
																										7	14	20
1	17.0	21.1	17.7	18.4	22.2	16.8	16.0	13.5	14.2	14.6	14.1	93	76	95	88	7.0	—	—	—	—	—	—	—	—	—	
2	17.1	17.1	22.0	17.7	18.6	22.8	15.7	14.0	15.0	14.6	14.5	96	76	95	89	2.7	8.8	1.7	24.2	26.0	0.6	—	—	—	—	
3	17.0	21.8	17.8	18.5	22.0	16.5	15.6	13.7	14.6	13.5	94	62	95	84	1.6	0.1	—	—	—	—	—	—	—	—	—	
4	17.0	24.0	18.6	19.6	25.5	14.7	13.1	10.9	10.7	15.3	12.3	75	48	95	71	5.4	—	—	—	—	—	—	—	—	—	
5	15.4	24.8	19.8	19.4	25.4	13.7	12.8	12.6	10.5	15.0	12.7	96	45	93	78	—	—	—	—	—	—	—	—	—	—	
6	16.8	24.6	18.0	19.4	25.5	15.9	15.0	13.8	12.8	13.1	13.2	96	55	85	79	6.1	0.3	—	—	—	—	—	—	—	—	
7	15.0	23.6	19.4	19.4	25.0	14.0	13.6	12.1	12.2	14.7	13.0	95	55	87	72	6.5	—	—	—	—	—	—	—	—	—	
8	15.4	22.7	18.8	18.9	23.0	14.7	14.0	12.5	13.8	15.5	13.9	95	66	95	85	3.6	0.5	—	—	—	—	—	—	—	—	
9	17.0	22.8	18.8	19.4	23.7	16.8	16.0	13.8	13.8	14.6	14.1	95	66	90	84	3.6	0.5	—	—	—	—	—	—	—	—	
10	17.0	21.1	18.4	18.7	23.7	16.4	15.3	13.8	16.1	15.1	15.0	95	86	95	92	3.3	—	—	—	—	—	—	—	—	—	
11	15.0	22.9	18.0	18.9	24.3	13.6	12.5	12.8	12.9	14.7	13.5	100	62	95	86	3.0	—	—	—	—	—	—	—	—	—	
12	17.0	25.0	16.8	18.9	26.3	15.6	14.3	13.8	15.4	13.6	14.3	95	65	95	85	7.2	—	—	—	—	—	—	—	—	—	
13	15.0	21.1	17.8	17.9	23.3	13.9	13.0	11.5	15.6	14.6	13.9	90	83	95	89	0.1	—	—	—	—	—	—	—	—	—	
14	16.8	25.3	18.8	19.9	25.7	15.4	14.3	12.9	14.0	15.5	14.1	90	58	95	81	7.9	1.3	—	—	—	—	—	—	—	—	
15	16.0	24.9	17.8	19.1	26.0	14.8	14.0	13.0	13.2	14.7	13.6	95	56	96	82	—	—	—	—	—	—	—	—	—	—	
16	14.8	25.4	17.3	18.7	25.4	13.3	12.7	11.3	13.6	14.1	13.0	90	56	96	81	2.5	—	—	—	—	—	—	—	—	—	
17	16.4	27.0	17.9	19.0	25.4	14.5	14.0	13.4	11.6	14.7	13.2	96	52	96	81	0.6	—	—	—	—	—	—	—	—	—	
18	17.3	21.0	19.9	21.0	27.5	13.5	13.0	13.2	12.2	15.6	13.7	90	45	90	75	3.3	—	—	—	—	—	—	—	—	—	
19	17.0	25.8	18.1	19.8	27.3	15.6	14.7	14.6	11.4	14.3	13.4	100	46	92	79	6.0	—	—	—	—	—	—	—	—	—	
20	16.4	23.9	18.8	19.5	26.0	14.9	14.0	14.1	14.2	15.5	14.6	100	64	95	86	4.3	—	—	—	—	—	—	—	—	—	
21	16.0	25.3	20.3	20.5	26.3	14.0	13.3	13.7	15.2	15.9	14.9	100	63	90	84	0.1	0.3	0.7	1.0	0.8	—	—	—	—	—	
22	18.4	26.8	21.3	22.0	27.3	17.3	16.5	15.1	12.3	15.8	14.4	95	46	84	75	5.3	—	—	—	—	—	—	—	—	—	
23	17.0	26.9	20.4	21.2	27.5	16.4	15.3	14.2	11.8	13.5	13.2	98	44	75	72	8.3	—	—	—	—	—	—	—	—	—	
24	14.8	26.2	19.9	20.2	26.5	14.3	13.5	12.4	12.4	16.2	13.7	98	48	94	80	4.9	—	—	—	—	—	—	—	—	—	
25	18.0	24.9	20.0	20.7	25.4	17.8	17.0	14.7	14.0	16.4	15.0	95	60	94	83	8.4	—	—	—	—	—	—	—	—	—	
26	17.0	25.4	16.6	18.9	26.0	14.9	14.0	14.0	13.5	12.5	13.3	96	55	86	80	4.7	—	—	—	—	—	—	—	—	—	
27	16.3	21.8	17.7	18.4	22.8	15.0	14.0	13.1	13.6	14.7	13.8	95	70	96	87	2.3	—	—	—	—	—	—	—	—	—	
28	17.8	22.5	18.8	19.5	23.0	16.8	16.0	14.6	14.3	15.5	14.8	95	70	92	87	5.4	—	—	—	—	—	—	—	—	—	
29	16.8	21.8	17.4	18.4	22.3	15.8	14.9	13.8	13.6	14.2	13.9	96	70	96	87	0.3	—	—	—	—	—	—	—	—	—	
30																										
31																										
TOTAL	16.5	24.0	18.5	19.4	24.9	15.3	14.4	13.3	13.3	14.8	13.8	95	60	92	82	0.8	0.1	1.8	2.5	0.8	—	—	—	—	—	

Precipitación total 172.6 m.m.

DATOS DIARIOS

Estación CAOHIPAZ Mes MARCO Año 1968 $\phi = 4^{\circ} 45' N$ $\lambda = 74^{\circ} 29' WGR$ Altura 1.250 M.

Días	TEMPERATURAS °C					TENSIÓN DEL VAPOR mm					Humedad Relativa %			NUBOSIDAD DECIMOS	Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS									
	7	14	20	Med.	Máx.	Mín.	Húmda Stuhl	7	14	20	Med.	7	14			20	Med.	7	14	20	Total	7	14	20	DIREC CION Km./hora	FUERZA Km./hora	DIREC CION Km./hora	FUERZA Km./hora			
																													DIREC CION	FUERZA	DIREC CION	FUERZA	DIREC CION	FUERZA
1	16.0	22.8	17.4	18.4	24.4	14.5	14.0	12.7	12.9	13.0	12.9	93	62	88	81	5.2	—	—	—	—	—	—	—	—	—	—	—	—	—		
2	16.4	24.4	19.8	20.1	25.0	15.8	15.0	12.6	12.6	14.7	13.3	90	55	85	77	8.6	—	—	—	—	—	—	—	—	—	—	—	—	—		
3	17.7	20.9	19.3	21.8	16.8	16.0	14.7	16.4	16.7	16.4	15.2	95	80	98	91	2.2	0.1	—	—	—	—	—	—	—	—	—	—	—	—		
4	16.0	22.8	16.7	18.0	24.0	13.7	13.0	13.1	11.9	13.8	12.9	96	57	96	83	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—		
5	14.0	25.8	18.0	19.0	26.4	13.7	13.0	12.1	11.2	14.5	12.6	100	45	93	79	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
6	14.3	25.6	18.8	19.4	27.0	13.7	13.0	11.6	11.4	13.1	12.0	96	46	80	74	8.3	—	—	—	—	—	—	—	—	—	—	—	—	—		
7	14.6	24.2	18.0	18.7	25.4	13.1	12.4	12.5	12.6	14.7	13.3	100	55	95	83	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—		
8	15.3	20.0	17.3	17.6	23.0	14.9	14.0	13.0	14.1	14.5	13.9	100	80	96	92	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	16.4	21.8	17.7	18.2	22.3	15.7	15.0	14.1	14.2	14.0	14.1	100	73	95	89	5.3	0.3	0.4	—	—	—	—	—	—	—	—	—	—	—	—	
10	16.0	22.3	17.8	18.5	24.0	14.9	14.0	13.4	14.1	14.6	14.0	98	70	95	88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	16.3	22.2	18.8	19.0	23.5	15.8	14.7	13.4	12.6	15.0	13.7	97	63	93	84	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	15.3	23.1	18.8	19.0	24.0	14.7	14.0	13.0	13.3	14.9	13.7	100	62	92	85	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	14.0	24.8	17.8	18.6	26.0	13.6	12.4	12.1	11.8	13.7	12.5	100	50	90	80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	16.3	22.4	18.0	18.7	23.3	14.1	13.4	13.1	13.6	14.7	13.8	95	66	95	85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	17.4	21.1	18.0	18.6	22.3	16.4	15.3	13.9	12.3	14.7	13.6	93	66	95	85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	17.0	22.0	16.8	18.2	22.2	16.0	15.5	14.6	13.8	13.6	14.0	100	70	95	86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	16.4	19.2	17.6	17.7	21.4	16.3	15.0	14.1	12.9	14.8	13.9	100	77	98	92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	17.0	20.0	16.8	17.6	20.6	16.8	16.0	14.6	13.4	12.9	13.6	100	76	90	89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	15.0	22.3	15.1	16.9	23.2	14.1	13.3	12.8	14.1	12.3	13.1	100	70	95	88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	15.0	22.8	18.8	18.8	24.0	14.4	13.5	12.8	12.7	15.0	13.5	96	50	93	80	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	15.0	25.0	18.0	19.0	26.0	14.0	13.6	12.3	11.9	14.5	12.9	96	50	93	80	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	13.9	24.0	17.1	18.0	25.5	13.8	12.4	11.9	12.4	14.0	12.8	100	56	96	84	5.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	15.9	22.0	17.6	18.3	24.5	15.4	14.3	12.5	13.8	14.5	13.6	93	70	96	86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	16.6	23.4	18.0	19.0	23.8	14.8	14.0	14.3	15.2	16.0	14.5	100	70	91	87	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	16.0	24.4	17.4	18.8	25.0	14.5	14.0	13.7	12.9	14.2	13.6	100	56	95	84	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	14.6	25.0	17.3	18.6	26.0	14.0	13.4	12.5	11.9	14.1	12.8	100	50	96	82	5.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	16.3	21.4	16.0	17.4	23.7	14.5	14.0	13.7	12.0	11.6	12.4	99	63	85	82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	16.8	26.2	17.7	19.6	27.5	14.0	13.3	12.5	11.1	14.7	12.8	88	43	96	76	8.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	20.2	24.0	17.4	19.8	26.5	14.9	14.0	8.0	14.3	14.2	12.2	45	64	96	68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	16.4	22.6	17.0	18.2	24.4	14.7	14.0	14.0	14.5	14.0	14.2	100	70	96	89	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	19.0	25.3	18.4	20.3	25.6	16.5	15.3	16.5	14.4	15.1	15.3	100	60	95	85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Med.	16.0	23.0	17.7	18.6	24.2	14.8	14.0	13.1	13.0	14.2	13.4	96	62	93	84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total : 8.6 mm.

DATOS DIARIOS

Altura 1,250 M.

λ = 74° 29' WGR

φ = 4° 45' N

Año 1966

MeS A B R 1 1

Estacion C. S. B. I. P. A. Y

MeS

Dias	TEMPERATURA °C					TENSIÓN DEL VAPOR m m					Humedad Relativa %			Nubosidad DECIMOS		Brillo Solar Horas		PRECIPITACION m m			VIENTOS						
	7	14	20	Med.	Máx.	Min.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA
1	16.0	24.8	18.0	19.2	25.4	14.6	13.5	13.7	10.5	14.7	13.0	100	45	95	80	10.0	1.7	—	—	—	—	—	—	—	—	—	—
2	17.6	23.0	18.8	19.6	23.8	16.5	15.5	14.4	13.8	15.5	14.6	95	65	95	85	10.0	0.5	1.9	0.1	—	—	—	—	—	—	—	—
3	17.8	25.3	19.9	20.7	25.8	15.8	14.9	14.7	14.4	15.6	14.9	96	60	90	82	8.0	5.6	—	—	—	—	—	—	—	—	—	—
4	17.4	24.0	18.0	19.4	25.0	15.5	15.0	14.2	14.6	14.5	14.4	96	65	93	85	8.7	—	—	—	—	—	—	—	—	—	—	—
5	18.0	24.0	18.1	19.6	25.0	15.5	15.0	13.8	13.5	14.7	14.0	90	60	90	82	6.7	3.0	—	—	—	—	—	—	—	—	—	—
6	17.3	24.0	18.6	19.6	24.9	16.3	15.3	14.1	13.5	14.7	14.1	96	60	92	83	10.0	3.3	0.3	—	—	—	—	—	—	—	—	—
7	16.8	25.0	18.8	19.8	26.0	15.4	14.6	14.4	12.2	15.7	14.1	100	51	96	82	6.7	4.1	—	—	—	—	—	—	—	—	—	—
8	17.0	25.0	16.8	18.9	25.4	16.8	15.7	14.2	12.6	13.2	13.3	98	53	92	81	8.3	4.0	4.7	—	—	—	—	—	—	—	—	—
9	16.0	21.3	17.8	18.2	25.6	14.1	13.4	13.7	16.9	15.4	15.3	100	90	100	97	8.7	5.3	—	—	—	—	—	—	—	—	—	—
10	17.0	21.5	18.0	18.6	22.3	16.0	15.4	14.6	15.3	14.7	14.9	100	80	95	92	10.0	—	—	—	—	—	—	—	—	—	—	—
11	17.0	25.3	17.8	19.5	25.6	14.9	14.0	14.6	14.4	14.2	14.4	100	60	93	84	10.0	4.3	—	—	—	—	—	—	—	—	—	—
12	17.1	21.0	18.8	18.9	21.4	16.3	15.5	14.6	14.9	15.0	14.8	100	80	93	91	10.0	1.2	2.4	—	—	—	—	—	—	—	—	—
13	18.0	20.8	17.8	18.6	22.3	17.2	16.4	15.6	13.4	14.6	14.5	100	73	95	89	10.0	0.8	—	—	—	—	—	—	—	—	—	—
14	17.5	21.3	17.6	18.5	22.0	16.7	15.4	15.2	14.2	14.0	14.5	100	75	93	89	8.7	—	—	—	—	—	—	—	—	—	—	—
15	17.0	20.8	16.8	17.8	22.0	15.7	15.0	14.2	14.0	13.4	13.9	98	76	93	89	7.3	5.0	—	—	—	—	—	—	—	—	—	—
16	16.7	22.0	18.0	18.7	22.8	15.5	15.0	13.6	14.4	14.9	14.3	95	73	96	88	7.0	—	—	—	—	—	—	—	—	—	—	—
17	17.0	24.6	19.8	20.3	25.4	15.8	14.5	13.8	13.9	16.7	14.8	95	60	96	84	10.0	1.8	4.3	—	—	—	—	—	—	—	—	—
18	17.0	21.0	17.7	18.4	21.8	16.4	15.5	13.5	14.2	14.6	14.1	93	76	96	88	10.0	1.0	1.9	—	—	—	—	—	—	—	—	—
19	16.0	21.8	17.8	18.4	22.4	14.8	14.0	13.7	13.6	13.9	13.7	100	70	92	87	4.7	7.3	—	—	—	—	—	—	—	—	—	—
20	16.2	21.8	17.0	18.0	22.2	15.0	14.1	13.3	14.6	13.8	13.9	96	74	95	88	6.7	—	—	—	—	—	—	—	—	—	—	—
21	15.1	19.8	17.4	17.4	22.2	14.3	13.4	12.1	15.6	14.2	14.0	95	90	96	94	6.0	—	—	—	—	—	—	—	—	—	—	—
22	17.1	19.0	15.6	16.8	22.1	16.5	14.3	14.0	14.8	12.3	13.7	96	90	93	93	6.0	—	—	—	—	—	—	—	—	—	—	—
23	17.0	19.0	16.8	17.4	22.3	15.9	14.8	14.0	14.8	13.8	14.2	96	90	96	94	7.0	—	—	—	—	—	—	—	—	—	—	—
24	17.0	22.9	18.8	19.4	24.0	15.4	14.3	14.0	12.7	14.9	13.9	96	61	92	83	4.0	8.1	31.8	—	—	—	—	—	—	—	—	—
25	17.0	23.8	17.6	18.6	25.0	15.8	14.9	14.0	12.1	13.6	13.2	96	54	95	82	8.7	—	—	—	—	—	—	—	—	—	—	—
26	15.0	23.3	19.6	19.4	24.0	13.1	12.2	12.8	12.8	15.4	13.7	100	60	90	83	6.0	4.3	—	—	—	—	—	—	—	—	—	—
27	17.6	22.3	19.0	19.5	23.0	15.8	15.0	13.5	14.7	15.9	14.7	90	73	96	86	8.7	—	—	—	—	—	—	—	—	—	—	—
28	17.0	23.3	16.8	18.5	23.8	14.8	14.0	13.2	15.0	13.8	14.0	91	70	96	86	6.0	—	—	—	—	—	—	—	—	—	—	—
29	16.0	23.7	17.8	18.8	24.6	13.7	13.0	13.1	13.7	13.2	13.3	96	62	86	81	8.0	3.7	—	—	—	—	—	—	—	—	—	—
30	16.0	22.8	17.8	18.6	23.1	14.5	14.0	13.7	13.8	14.7	14.1	100	66	96	87	6.7	—	—	—	—	—	—	—	—	—	—	—
31																											
Med	16.8	22.6	17.9	18.8	23.7	15.5	14.9	13.9	14.0	14.5	14.1	97	69	94	87	8.0	—	—	—	—	—	—	—	—	—	—	—

Precipitacion total = 25.2 m.m.

DATOS DIARIOS

Estación

Caohipay

Mes

Mayo

Año 1968

$\phi = 4^{\circ} 45' N$ $\lambda = 74^{\circ} 29' W$ GR

Altura 1.250 M.

Días	TEMPERATURA $^{\circ}C$					TENSION DEL VAPOR					Humedad Relativa %			Brillo Solar Horas		PRECIPITACION m m			EVAPORACION m m			VIENTOS					
	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	Med.	7	14	20	7	14	20	7	14	20	7	14	20
	Med.	Máx.	Mín.	Mínima Suelo																							
1	16.8	21.4	16.8	18.0	22.2	15.8	15.0	13.6	11.5	13.8	13.0	95	60	96	84	10.0	0.1	—	3.1	—	—	3.1	0.8	—	—	—	—
2	17.0	23.1	18.1	19.1	24.0	14.9	14.0	13.1	11.7	13.8	12.9	90	55	90	78	8.3	—	—	0.1	0.2	—	—	0.3	0.8	—	—	—
3	16.1	22.8	15.8	17.6	23.8	13.0	12.4	13.0	10.5	12.9	12.1	95	50	96	80	8.0	—	—	—	—	—	—	—	—	—	—	—
4	16.1	22.2	15.1	12.1	25.4	13.9	15.1	13.0	10.9	12.3	12.1	95	54	96	82	6.7	7.0	—	—	—	—	—	—	—	—	—	—
5	17.4	25.7	17.9	19.7	26.3	14.7	14.0	14.2	11.2	13.7	13.0	96	45	90	77	10.0	—	—	—	—	—	—	—	—	—	—	—
6	16.5	24.0	18.6	19.4	24.5	14.9	14.0	13.4	10.0	15.2	12.9	95	45	94	78	6.7	—	—	—	—	—	—	—	—	—	—	—
7	15.5	21.8	15.4	17.0	23.1	14.1	13.5	12.7	10.7	12.5	12.0	96	55	92	80	10.0	1.7	—	—	—	—	—	—	—	—	—	—
8	16.2	22.0	17.8	18.4	22.4	14.8	14.0	13.3	12.4	14.7	13.5	96	64	96	85	6.3	3.2	0.9	—	—	—	—	—	—	—	—	—
9	16.2	21.8	18.4	18.9	22.0	14.8	14.0	13.5	15.6	15.3	14.8	94	80	96	90	9.4	6.7	—	—	—	—	—	—	—	—	—	—
10	16.8	20.0	18.0	18.2	22.3	16.3	15.4	13.8	15.8	14.9	14.8	96	90	96	94	6.7	—	—	—	—	—	—	—	—	—	—	—
11	16.6	18.8	17.0	17.4	23.3	15.6	15.0	13.6	13.2	13.8	13.5	96	81	95	91	10.0	—	—	—	—	—	—	—	—	—	—	—
12	17.1	25.0	17.6	19.3	25.6	14.0	13.1	13.8	13.1	13.6	13.5	95	55	91	80	4.7	6.0	—	—	—	—	—	—	—	—	—	—
13	16.0	24.2	18.6	19.4	25.8	15.4	14.7	13.0	11.9	14.4	13.1	95	52	90	79	7.0	4.6	10.4	—	—	—	—	—	—	—	—	—
14	17.6	23.9	19.0	19.9	24.6	16.8	16.0	13.5	15.6	15.5	14.9	90	70	94	85	8.0	—	—	—	—	—	—	—	—	—	—	—
15	17.0	23.6	18.8	19.6	24.3	15.7	15.0	13.8	15.4	15.0	14.7	95	70	93	86	6.7	6.4	0.5	—	—	—	—	—	—	—	—	—
16	16.8	23.8	18.8	19.6	25.6	15.7	15.0	13.8	14.2	14.9	14.3	96	64	92	84	8.7	6.2	—	—	—	—	—	—	—	—	—	—
17	16.4	22.0	18.8	19.0	24.2	16.0	15.3	14.1	12.3	15.0	13.8	100	62	93	85	2.7	8.8	0.1	—	—	—	—	—	—	—	—	—
18	16.0	21.8	18.8	18.8	24.3	15.3	14.6	13.7	15.6	15.7	15.0	100	80	96	92	4.0	7.4	—	—	—	—	—	—	—	—	—	—
19	16.4	22.8	17.6	18.6	24.2	15.0	14.1	13.4	13.0	14.4	13.6	96	63	95	85	6.7	—	—	—	—	—	—	—	—	—	—	—
20	17.0	24.3	17.6	18.8	24.4	13.9	13.0	13.1	12.4	14.5	13.3	96	56	96	83	5.7	7.7	—	—	—	—	—	—	—	—	—	—
21	17.2	24.1	17.6	19.4	25.2	16.8	16.0	13.7	13.5	14.5	13.9	90	60	96	82	2.3	9.7	—	—	—	—	—	—	—	—	—	—
22	17.0	19.3	18.1	18.1	22.4	15.9	15.0	14.0	15.3	14.9	14.7	96	92	96	95	6.7	5.4	—	—	—	—	—	—	—	—	—	—
23	16.2	23.0	18.8	19.2	24.4	14.8	14.0	13.9	12.6	15.5	14.0	100	60	95	85	10.0	0.6	—	—	—	—	—	—	—	—	—	—
24	16.0	25.8	18.8	19.8	26.3	15.6	14.7	13.7	10.0	14.6	12.8	100	40	90	77	6.7	—	—	—	—	—	—	—	—	—	—	—
25	17.0	24.4	18.8	19.8	26.3	16.1	15.4	14.6	11.0	15.7	13.8	100	48	96	81	6.0	—	—	—	—	—	—	—	—	—	—	—
26	17.0	23.9	17.9	19.2	25.0	16.8	15.4	14.6	11.1	13.8	12.9	100	55	95	83	7.0	—	—	—	—	—	—	—	—	—	—	—
27	16.0	23.8	17.0	18.4	25.1	15.0	14.1	13.7	11.1	13.8	12.9	100	50	95	82	6.0	5.6	—	—	—	—	—	—	—	—	—	—
28	15.1	23.8	18.6	19.0	24.5	14.6	13.8	12.1	11.3	14.8	12.7	95	51	93	80	5.3	6.8	—	—	—	—	—	—	—	—	—	—
29	17.8	24.0	19.0	20.0	25.4	17.1	16.0	14.7	11.5	15.7	14.0	96	51	95	83	10.0	1.7	11.9	—	—	—	—	—	—	—	—	—
30	17.1	24.2	17.1	18.4	23.0	16.8	16.0	14.0	11.2	14.0	13.1	96	56	96	83	10.0	2.5	3.8	—	—	—	—	—	—	—	—	—
31	17.6	23.3	17.4	18.9	23.5	16.8	16.0	14.4	10.8	13.9	13.0	95	50	93	79	8.0	—	—	—	—	—	—	—	—	—	—	—
Med	16.6	23.0	17.8	18.8	24.3	15.4	14.5	13.6	12.5	14.4	13.5	96	60	94	83	7.2	—	—	—	—	—	—	—	—	—	—	—

Precipitación total : 62.1 m.m.

DATOS DIARIOS

Estación CACHIPAY Mes Junio Año 1988 ϕ $^{\circ}$ 45 N λ $^{\circ}$ 74 $^{\circ}$ 29 W GR. Altura 1.250 M.

Días	TEMPERATURAS $^{\circ}$ C						TENSION DEL VAPOR m m						Humedad Relativa %			Brillo Solar Horas	PRECIPITACION m m			EVAPORACION m m			VIENTOS																						
	7	14	20	Med.	Max.	Min.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.		7	14	20	Total	7	14	20	7	14	20	DIREC. CION	FUERZA Km./Hora	7	14	20	DIREC. CION	FUERZA Km./Hora												
																																		Humedad Relativa %						PRECIPITACION m m			EVAPORACION m m		
1	17.0	25.4	17.6	19.4	25.8	16.8	15.4	14.0	11.2	13.5	12.9	96	46	90	77	8.0	3.9	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—											
2	16.0	16.0	16.4	16.7	20.0	15.1	14.3	13.7	14.7	13.1	13.8	100	95	100	98	10.0	0.3	1.4	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—											
3	15.3	25.0	16.0	18.1	25.3	14.5	14.0	13.0	11.4	12.7	12.4	100	48	93	80	4.7	7.2	3.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
4	17.3	24.0	18.1	19.4	25.0	15.5	15.0	14.1	13.5	14.9	14.2	96	60	96	84	6.7	5.8	28.5	30.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
5	17.0	20.0	16.3	17.4	23.4	16.8	16.0	13.8	15.8	13.8	14.5	95	90	96	94	10.0	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
6	17.0	21.0	15.8	17.4	22.2	15.8	14.9	13.8	14.0	12.9	13.6	95	75	86	89	7.3	5.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
7	17.6	22.8	16.6	18.4	23.4	14.9	14.0	15.2	14.7	14.3	14.7	100	90	100	90	5.0	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
8	17.2	21.9	17.9	18.7	24.2	15.3	14.4	14.8	11.8	14.6	13.7	100	60	95	85	10.0	0.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
9	16.3	22.0	16.0	17.6	24.0	15.0	14.1	13.9	12.4	13.7	13.3	100	63	100	88	8.7	2.3	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
10	16.2	23.3	20.0	19.9	24.9	14.1	13.3	13.9	12.0	14.1	13.3	100	55	80	78	4.0	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
11	16.0	23.8	18.8	19.4	25.4	15.7	14.9	13.7	13.3	13.1	13.4	100	60	80	80	4.7	6.2	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
12	17.0	21.8	17.9	18.6	23.0	15.5	15.0	14.6	14.2	13.2	14.0	100	73	86	86	3.0	7.7	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
13	16.4	22.6	19.9	19.7	25.0	15.9	15.0	13.4	14.5	14.7	14.2	98	70	85	84	6.7	—	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
14	14.0	21.0	17.9	17.7	24.0	13.1	12.2	11.5	11.3	13.7	12.2	96	60	90	82	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
15	16.4	24.0	20.0	20.1	26.0	14.7	13.8	14.1	11.2	11.4	12.2	100	50	65	72	2.7	8.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
16	16.0	17.6	16.0	16.4	20.0	15.9	15.4	13.7	14.0	13.1	13.6	100	93	96	96	10.0	0.5	0.4	2.9	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
17	14.3	24.0	17.0	18.1	24.3	13.8	12.5	12.2	12.0	13.5	12.6	100	53	93	82	4.7	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
18	19.1	20.4	17.1	18.4	21.6	15.9	15.0	15.9	14.5	13.8	14.7	96	80	95	90	5.7	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
19	18.1	21.5	16.8	17.8	23.7	13.0	12.3	13.7	14.7	13.4	13.9	100	76	93	90	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
20	18.1	23.3	18.1	19.4	24.3	15.7	15.0	12.5	12.8	12.4	12.6	81	60	80	74	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
21	18.0	21.9	16.6	18.3	24.0	15.0	14.2	15.2	14.8	12.8	14.3	98	76	90	88	2.3	9.6	0.6	0.9	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
22	16.3	20.9	17.3	18.0	23.0	15.7	15.4	13.1	12.3	14.0	13.1	95	70	95	87	6.7	4.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
23	17.0	22.0	17.0	17.8	22.0	16.0	15.3	14.6	14.1	13.1	13.9	100	80	90	90	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
24	16.0	22.4	16.4	17.8	22.9	13.5	12.4	13.7	12.8	12.0	12.8	100	65	86	83	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
25	16.0	22.8	17.8	18.6	23.0	13.6	13.0	13.1	11.1	14.4	12.9	98	53	96	82	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
26	16.0	21.8	18.3	18.6	23.0	14.7	14.0	13.4	11.8	14.9	13.4	98	60	95	84	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
27	15.0	24.9	18.5	19.2	25.6	13.8	13.0	11.6	9.4	13.8	11.6	91	40	86	72	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
28	16.7	23.3	17.2	18.6	24.2	16.3	15.1	13.6	10.8	11.5	12.0	95	50	78	74	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
29	17.1	23.0	18.5	19.3	25.8	14.9	14.0	14.2	11.3	14.6	13.4	98	53	92	81	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
30	17.2	25.0	18.1	19.6	26.0	15.4	14.2	14.1	10.4	13.4	12.6	96	44	86	75	6.0	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
31																																													
Med.	16.6	22.3	17.5	18.5	23.8	15.1	14.2	13.7	12.8	13.5	13.3	97	64	90	84	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							

Precipitación total : 139.4 mm.

DATOS DIARIOS

Estación Caobipay Mes Julio Año 1968 $\phi = 4^{\circ} 45' N$ $\lambda = 74^{\circ} 29' WGR$ Altura 1.250 M.

Días	TEMPERATURA °C						TENSIÓN DEL VAPOUR m m						Humedad Relativa %			Brillo Solar Horas	PRECIPITACION m m			EVAPORACION m m			VIENTOS							
	7	14	20	Med.	Máx.	Mín.	Húmeda Seco	7	14	20	Med.	7	14	20	Med.		7	14	20	Total	7	14	20	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	
																														7
1	16.4	22.5	16.1	17.8	23.6	15.0	14.3	13.7	12.2	13.0	13.0	98	60	94	84	6.0	3.5	—	1.5	—	1.5	—	—	—	—	—	—	—	—	
2	17.0	24.8	18.0	19.4	25.8	15.6	14.5	13.8	11.8	14.6	13.4	95	50	94	80	4.7	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—
3	16.0	21.2	17.5	17.5	23.3	15.0	14.4	13.7	14.4	13.1	13.7	100	76	93	90	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	15.0	22.8	18.4	18.4	23.3	13.6	13.0	12.3	15.9	14.7	14.3	96	76	96	89	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	15.0	22.7	18.0	18.4	25.0	14.7	14.0	12.8	13.0	13.8	13.2	100	64	88	84	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	18.0	22.0	19.6	19.8	24.8	15.5	15.0	8.3	15.8	16.0	13.4	54	60	94	76	4.0	5.3	—	—	—	—	—	—	—	—	—	—	—	—	—
7	17.0	24.8	19.6	19.8	25.4	14.4	13.5	12.3	13.0	13.7	13.0	96	55	80	77	3.3	8.1	—	—	—	—	—	—	—	—	—	—	—	—	—
8	15.0	24.3	18.8	19.7	25.6	15.4	15.0	14.1	11.4	14.6	13.4	97	50	90	79	3.0	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—
9	16.0	23.3	18.0	18.8	24.0	14.6	14.0	13.1	11.8	14.0	13.0	96	55	91	81	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	15.3	22.6	17.8	18.6	24.0	14.5	14.0	13.0	12.6	13.0	12.9	100	58	85	81	4.0	8.5	—	—	—	—	—	—	—	—	—	—	—	—	—
11	15.9	22.0	16.0	17.5	22.4	13.3	12.4	12.8	11.9	13.4	12.7	95	60	98	84	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	14.0	24.0	19.0	19.0	24.9	12.7	12.0	11.5	8.9	14.8	11.7	96	40	90	75	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	15.4	22.6	16.0	17.5	23.3	12.9	12.0	12.6	14.5	13.7	13.6	96	70	100	89	4.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	16.6	23.6	17.6	18.8	25.0	13.6	13.0	14.3	13.7	14.4	14.1	100	63	95	86	6.7	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—
15	16.4	24.0	16.0	18.1	25.0	14.8	14.0	14.1	11.5	13.0	12.9	100	51	95	82	6.7	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—
16	17.6	24.0	17.8	19.3	25.5	14.5	14.0	15.2	12.4	13.7	13.8	100	55	90	82	5.3	6.3	—	—	—	—	—	—	—	—	—	—	—	—	—
17	15.4	21.0	16.3	17.2	22.0	14.8	14.0	12.1	12.3	13.3	12.9	100	66	96	87	8.0	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—
18	16.6	22.9	18.0	18.9	24.0	15.3	14.4	12.8	10.5	13.8	12.4	90	50	90	77	7.3	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—
19	17.0	22.2	15.6	17.6	23.3	16.3	15.5	14.0	10.9	12.6	12.5	96	54	95	82	10.0	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—
20	15.6	19.0	16.0	16.6	22.1	14.9	14.0	12.8	11.5	13.0	12.4	96	70	95	87	9.0	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—
21	17.0	22.3	16.6	18.1	23.0	14.5	14.0	13.1	10.0	14.0	12.4	90	50	98	79	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	16.0	25.4	17.6	19.2	26.0	14.9	14.0	13.1	9.6	14.2	12.3	96	38	94	76	8.0	4.8	—	—	—	—	—	—	—	—	—	—	—	—	—
23	17.0	23.0	18.9	19.4	25.6	16.8	16.0	13.1	11.7	14.6	13.1	90	55	90	78	7.0	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—
24	18.5	23.6	18.8	19.9	25.4	17.0	16.0	12.9	10.9	14.3	12.7	80	50	88	73	6.0	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—
25	16.2	23.8	17.8	18.9	24.4	15.0	14.0	12.4	12.4	14.4	13.1	90	56	94	80	9.7	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—
26	15.8	23.0	18.1	18.8	24.0	14.6	13.5	12.8	10.6	14.0	12.5	95	50	91	79	4.0	7.6	—	—	—	—	—	—	—	—	—	—	—	—	—
27	15.6	22.6	16.1	17.6	23.0	13.8	13.0	12.8	11.3	14.4	12.7	90	60	94	81	4.0	8.2	—	—	—	—	—	—	—	—	—	—	—	—	—
28	16.0	21.0	17.8	18.2	22.0	14.4	14.0	12.3	11.3	14.4	12.7	90	60	94	81	4.0	8.2	—	—	—	—	—	—	—	—	—	—	—	—	—
29	16.0	24.4	17.0	18.6	24.6	13.7	13.0	13.1	11.0	12.3	12.1	96	48	95	76	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	17.4	25.0	19.3	20.2	26.3	16.4	15.5	14.2	8.6	14.2	12.4	96	36	86	73	10.0	0.9	—	—	—	—	—	—	—	—	—	—	—	—	—
31	16.8	22.8	17.6	18.7	24.0	15.5	15.0	12.9	10.1	14.2	12.4	90	48	94	77	9.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	16.2	23.0	17.5	18.6	24.2	14.8	14.0	13.0	11.9	13.9	12.9	94	56	92	81	6.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total 29.0 m m

DATOS DIARIOS

Estación CACHIPAY Mes Agosto Año 1968 $\phi = 40^{\circ} 45' N$ $\lambda = 76^{\circ} 29' WGR$ Altura 1.250 M.

Table with columns: Días, TEMPERATURAS (7, 14, 20 Med, Máx, Mín, Mínima Subo), TENSION DEL VAPOR (7, 14, 20 Med, m m), Humedad Relativa (7, 14, 20 Med, %), BRILLO SOLAR DEMOS (Horas), PRECIPITACION (7, 14, 20 Total, m m), EVAPORACION (7, 14, 20), VIENTOS (7, 14, 20 DIRECCION FUERZA Km/Hora).

Precipitación total 29,8 mm

DATOS DIARIOS

Estación Cochipay Año 1908 $\phi = 45^{\circ} 45' N$ $\lambda = 74^{\circ} 29' WGR$ Altura 1,250 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR			Humedad Relativa %			Brillo Solar HORAS	PRECIPITACION mm			EVAPORACION mm	VIENTOS						
	7	14	20	Med.	Máx.	Mín.	Mínima Suete	7	14	20	Med.	7		14	20	Total		7	14	20	DIREC. CIÓN	FUERZA Km./Hora	DIREC. CIÓN	FUERZA Km./Hora
1	13.4	24.0	18.0	18.4	24.0	13.0	12.4	11.0	11.8	13.4	12.1	96	52	86	78	9.3	1.7							
2	15.6	20.3	16.6	17.3	22.0	14.9	14.0	11.8	14.3	13.2	13.1	96	80	93	90	10.0	0.8	0.3	17.5				0.6	
3	17.0	25.4	18.8	20.0	26.8	15.4	15.0	10.9	12.3	12.0	11.7	75	50	73	68	5.0	7.7	6.1					0.4	
4	16.6	23.0	18.1	19.0	23.3	14.8	14.0	13.3	11.5	14.6	13.1	94	54	94	81	8.7	1.3	45.3					0.8	
5	19.0	24.9	16.4	19.2	25.0	14.9	14.1	9.9	12.6	12.9	11.8	60	53	92	68	6.3	5.0						0.8	
6	18.0	25.4	18.8	20.2	27.0	13.7	12.5	9.0	10.8	15.0	11.6	58	45	93	65	4.7	7.0						0.8	
7	17.0	24.9	19.8	20.4	26.4	15.6	14.8	11.6	10.5	16.7	12.9	80	45	96	74	5.0	5.6						1.4	
8	16.1	19.0	18.8	18.2	25.2	15.0	14.1	13.1	9.3	14.7	12.4	96	56	91	81	6.0	3.8	1.8	31.4				0.4	
9	17.0	24.0	17.0	18.8	25.0	15.6	14.5	14.0	12.0	12.3	12.8	96	53	85	78	5.3	5.8						1.8	
10	15.0	22.8	17.9	18.4	24.3	12.9	12.0	11.5	12.7	14.6	12.8	90	61	95	82	5.0	6.9						1.2	
11	17.4	25.0	18.4	19.8	26.2	15.0	14.3	12.6	10.8	14.6	12.7	85	46	93	75	10.0							1.6	
12	17.6	21.8	16.4	18.0	23.6	16.5	16.0	14.4	10.6	13.1	12.7	95	54	93	81	5.0	5.0						1.6	
13	18.1	25.0	19.1	20.3	26.0	15.8	15.0	13.8	11.4	14.1	13.1	90	48	86	75	6.0	5.8	1.4					1.6	
14	17.0	25.3	18.8	20.0	26.0	16.5	15.4	14.0	10.7	14.7	13.1	96	45	91	77	6.0	2.7	2.5					2.0	
15	17.8	26.3	20.8	21.4	27.3	15.6	14.1	11.5	9.6	12.8	11.3	75	45	70	63	5.0	5.9						1.8	
16	17.8	25.3	16.1	18.8	26.0	16.0	15.4	12.8	11.6	12.3	12.2	83	48	90	74	7.3	2.2	0.3					2.4	
17	17.0	25.0	16.8	18.9	25.4	15.7	15.0	13.8	10.8	13.8	12.8	95	46	96	79	4.3	6.9						1.4	
18	17.0	23.0	16.8	18.4	24.0	15.6	14.5	12.3	12.6	13.8	12.9	85	60	96	80	6.0	4.5						2.0	
19	17.4	22.4	15.6	17.8	24.0	14.9	14.0	14.2	11.4	12.8	12.8	96	56	96	83	9.0	2.7	0.3	0.1				0.6	
20	14.8	25.6	17.1	18.6	26.6	12.8	11.6	10.0	10.7	13.7	11.5	80	44	94	73	5.0	7.6						1.8	
21	15.0	24.8	17.6	18.8	26.0	13.7	12.5	11.0	13.2	14.0	12.7	86	56	93	78	8.3	3.8						1.8	
22	16.6	23.8	17.0	18.6	25.0	14.5	14.0	12.5	12.2	13.8	12.8	95	55	95	82	8.0	3.8	8.6					2.4	
23	16.8	25.0	16.3	18.6	26.0	14.8	13.9	13.8	10.8	13.3	12.6	96	46	96	79	3.3	7.9	0.2					1.8	
24	15.0	24.9	16.8	18.4	26.0	12.0	15.3	11.0	10.7	13.8	11.8	86	46	96	76	6.0	4.5						2.4	
25	15.0	24.9	16.6	18.3	25.3	13.3	12.1	11.8	11.8	12.9	12.2	93	50	91	78	3.0	9.4						2.4	
26	16.0	26.0	18.8	19.2	26.6	13.3	12.1	10.2	10.0	15.4	11.9	75	40	94	70	4.0	7.0						2.4	
27	16.0	21.4	16.6	17.6	24.6	15.6	14.3	12.3	9.7	13.6	11.9	90	51	96	79	6.7	3.6	6.4	1.5				1.0	
28	16.0	19.0	16.4	17.0	22.4	15.8	14.5	11.2	15.7	13.4	13.4	83	95	96	91	5.0	1.1	15.7	7.4				0.8	
29	16.6	23.2	16.4	18.2	24.0	15.4	14.6	12.8	12.8	13.3	13.0	60	60	95	82	5.3	2.9	0.4	3.2				0.8	
30	17.0	21.0	16.3	17.6	22.0	15.5	15.0	14.0	14.0	13.1	13.7	96	74	95	88	8.0	1.1	0.9					0.4	
31																								
Med.	16.6	23.7	17.5	18.8	25.1	14.8	14.0	12.2	11.6	13.7	12.5	87	54	92	78	6.4	4.5	2.5	2.7				6.0	

Precipitación total 181.0 mm.

DATOS DIARIOS

Estación ComChipay Mas Octubre Año 1966 $\phi = 4^{\circ} 45' N$ $\lambda = 74^{\circ} 29' WGR$ Altura 1,250 M.

Días	TEMPERATURA $^{\circ}C$					TENSION DEL VAPOR $mm.$					Humedad Relativa $\%$				NUBESIDAD		Brillo Solar Horas		PRECIPITACION mm			EVAPORACION mm			VIENTOS													
	7	14	20	Med.	Min.	Mínima Suho	Máx.	Med.	20	14	7	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7			14			20								
1	15.0	19.6	16.0	16.6	22.6	13.0	12.1	12.3	15.4	13.0	13.6	96	90	95	94	8.7	2.3	—	—	—	—	—	—	1.4														
2	15.6	22.6	18.1	18.6	21.6	12.8	12.1	12.8	10.4	13.1	12.1	96	50	85	77	5.3	6.5	—	—	—	—	—	—	1.2														
3	16.8	25.9	17.0	19.2	27.6	15.0	14.1	13.6	12.5	13.3	13.3	95	50	95	80	8.0	—	—	—	—	—	—	—	—														
4	17.2	24.0	17.0	18.8	24.9	13.0	12.0	12.9	12.0	13.8	12.8	88	53	95	79	5.0	7.2	—	—	—	—	—	—	1.4														
5	16.0	25.0	17.7	19.1	26.0	13.6	13.0	12.5	13.4	14.6	13.5	93	56	95	81	6.7	5.2	—	—	—	—	—	—	1.4														
6	16.0	19.6	16.0	16.9	24.0	14.9	14.0	12.3	16.0	13.0	13.8	90	94	95	93	9.0	2.2	—	—	—	—	—	—	0.6														
7	15.3	22.8	17.8	18.5	23.4	15.8	15.0	14.1	11.6	14.2	13.3	96	56	93	82	9.7	1.5	—	—	—	—	—	—	1.0														
8	17.0	25.0	17.0	19.0	25.4	16.5	15.1	13.8	11.9	14.0	13.2	95	50	96	80	6.0	5.6	—	—	—	—	—	—	—														
9	17.4	22.0	15.8	17.8	24.0	17.0	16.0	13.9	11.9	12.9	12.9	93	60	96	83	6.7	—	—	—	—	—	—	—	—														
10	16.6	24.4	18.8	19.6	25.4	15.0	14.1	11.8	12.6	15.0	13.1	83	55	93	77	6.7	3.1	—	—	—	—	—	—	—														
11	16.6	24.4	17.6	19.6	24.9	16.8	16.0	14.0	13.7	15.3	14.3	86	60	95	80	8.0	2.6	—	—	—	—	—	—	—														
12	18.8	24.4	17.6	19.6	24.9	16.8	16.0	14.0	13.7	15.3	14.3	86	60	95	80	8.0	2.6	—	—	—	—	—	—	—														
13	16.8	23.0	16.5	18.2	24.0	15.8	15.0	13.6	12.6	13.4	13.2	95	60	95	83	8.0	2.9	0.3	10.7	—	—	—	—	—														
14	15.4	26.1	17.6	19.2	27.7	14.1	13.6	12.2	12.7	14.4	13.1	93	50	95	79	4.0	7.1	—	—	—	—	—	—	—														
15	17.6	22.5	17.9	19.0	23.8	15.9	14.5	13.5	14.4	14.6	14.2	90	70	95	85	6.7	4.0	3.6	4.5	—	—	—	—	—														
16	18.0	22.8	18.8	19.6	27.0	16.6	15.5	15.6	15.5	15.5	15.0	75	95	90	6.0	3.4	19.2	3.2	23.3	29.6	1.2	—	—	—														
17	17.8	23.0	18.6	19.5	24.9	16.2	15.4	13.2	15.2	15.3	14.6	86	72	95	84	9.0	2.0	3.1	1.6	8.3	9.9	0.6	—	—														
18	17.9	22.2	17.9	19.0	24.3	17.0	16.3	14.2	14.7	14.6	14.5	93	73	92	87	6.0	3.5	—	—	—	—	—	—	—														
19	18.6	23.0	19.6	20.2	24.9	15.4	14.5	14.8	15.2	14.5	15.5	93	72	96	87	7.0	2.9	—	—	—	—	—	—	—														
20	17.4	24.2	17.8	19.3	24.9	16.5	15.4	14.2	11.9	14.6	13.6	95	52	95	81	8.0	2.2	34.2	0.3	—	—	—	—	—														
21	17.0	22.6	16.8	18.3	25.2	15.3	14.1	14.0	10.6	13.6	12.7	96	51	92	81	5.0	4.1	—	—	—	—	—	—	—														
22	17.0	21.1	16.2	17.6	25.0	15.9	15.0	13.1	10.6	13.1	12.3	90	56	95	80	8.7	3.0	1.0	27.1	—	—	—	—	—														
23	15.0	25.4	17.6	18.9	26.3	14.0	13.1	12.8	10.8	14.4	12.7	100	40	95	78	5.3	6.9	—	—	—	—	—	—	—														
24	16.8	25.9	17.1	19.2	27.0	14.7	14.0	13.6	12.0	13.8	13.1	95	48	95	79	6.0	5.1	—	—	—	—	—	—	—														
25	15.5	24.2	18.0	18.9	26.2	14.3	13.4	12.5	13.5	14.7	13.6	95	60	95	83	3.0	8.4	—	—	—	—	—	—	—														
26	16.0	22.8	17.6	18.5	23.0	15.8	15.0	12.8	14.9	14.4	14.0	94	71	95	87	8.0	2.6	1.7	—	—	—	—	—	—														
27	16.0	20.8	17.0	17.7	21.5	14.1	13.5	13.7	16.4	14.6	14.9	100	90	100	97	9.7	2.6	0.3	7.4	1.9	9.3	0.4	—															
28	15.0	22.0	18.1	18.3	22.8	14.0	13.4	13.6	13.8	14.0	14.0	96	70	95	87	8.0	3.6	—	—	—	—	—	—	—														
29	17.0	22.0	18.1	18.8	23.3	14.7	14.0	13.8	12.4	14.7	13.6	95	63	95	84	6.3	3.7	14.1	0.2	0.1	0.4	0.8	—															
30	17.8	22.2	18.8	19.4	24.1	15.9	15.0	14.6	11.2	15.4	13.7	95	56	94	82	4.0	7.7	0.1	—	—	—	—	—	—														
31	18.0	23.3	18.0	19.3	25.3	16.3	15.0	13.8	11.8	14.6	13.4	90	56	94	80	6.0	—	—	—	—	—	—	—	—														
Med.	16.8	23.1	17.6	18.8	24.5	15.1	14.3	13.4	13.0	14.3	13.6	93	62	95	83	6.9	4.0	3.6	2.6	2.3	8.5	1.3	—															

Precipitación total 264.8 mm.

DATOS DIARIOS

Estación CAOBIAPA

Mes Diciembre

Año 1968

$\phi = 4^{\circ} 45' N$

$\lambda = 74^{\circ} 29' WGR$

Altura 1.250 M.

Días	TEMPERATURAS						TENSION DEL VAPOR						Humedad Relativa				BRILLO SOLAR		PRECIPITACION						VIENTOS										
	°C						m m						%				Horas		m m						Km/Hora										
	Med.		Máx.		Mín.		Méd.		Méd.		Méd.		7	14	20	Med.	7	14	20	Total	7		14		20		7		14		20				
																						DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA				
1	19.0	25.0	18.0	20.0	25.6	16.5	15.4	12.3	11.9	14.7	13.0	75	90	95	73	4.7	5.2																		
2	16.4	22.2	18.8	19.1	26.0	15.6	15.0	13.4	12.0	14.9	13.4	96	60	92	83	3.0	9.1																		
3	16.3	25.0	18.8	19.7	25.6	12.9	12.0	9.7	11.9	14.6	12.1	70	50	90	70	5.0	5.3																		
4	17.0	19.1	17.8	24.8	14.7	14.0	10.9	13.9	14.6	13.1	75	85	95	85	8.5	2.1																			
5	16.3	21.0	17.6	18.1	23.6	12.8	11.8	13.4	13.8	14.4	13.8	85	81	95	87	6.3	4.1																		
6	18.0	24.0	17.7	19.4	25.4	15.9	14.5	11.6	12.4	14.6	12.9	75	56	95	75	7.0	4.3																		
7	15.1	26.0	17.8	19.2	26.3	12.0	11.0	10.2	12.2	14.6	12.3	80	48	95	74	4.0	8.6																		
8	16.0	20.8	15.3	16.8	21.3	14.5	14.0	12.3	12.8	12.3	12.5	90	70	95	85	4.7																			
9	15.0	24.0	18.6	19.1	25.0	12.7	11.5	12.3	12.4	15.3	13.3	96	56	95	82	5.0	7.9																		
10	15.0	23.6	19.0	19.2	24.4	12.8	12.0	12.3	14.0	15.9	14.1	96	64	96	85	4.0	8.1																		
11	16.8	22.8	18.8	19.3	26.0	15.4	14.3	13.8	12.5	15.4	13.9	96	60	94	83	6.0																			
12	18.3	24.1	17.3	19.2	24.4	17.3	16.4	14.8	12.4	13.2	13.5	94	56	90	80	2.7	9.5																		
13	15.1	27.0	17.7	19.4	28.0	13.5	12.8	11.8	12.5	13.7	12.7	90	46	90	75	3.7	9.3																		
14	16.0	25.8	17.0	18.9	27.1	13.5	13.0	12.3	13.5	12.7	12.8	90	54	88	77	5.0	7.0																		
15	16.8	23.6	18.0	19.1	24.0	14.8	13.6	13.5	12.5	13.8	13.7	94	63	90	82	8.0	2.7																		
16	17.0	26.6	17.0	19.4	27.0	14.0	13.1	13.1	12.2	13.1	12.8	90	46	90	75	3.0	8.7																		
17	17.6	26.0	17.0	19.4	27.4	13.5	12.5	13.5	13.4	13.2	13.4	90	53	91	76	4.1	8.0																		
18	21.0	26.8	16.4	20.2	27.3	15.0	14.1	13.0	12.0	12.9	12.6	70	45	92	69	6.3	6.6																		
19	19.6	25.0	18.1	20.2	26.0	14.0	13.5	12.0	10.5	14.5	12.3	70	45	93	69	6.0																			
20	17.0	26.6	17.7	19.8	27.0	13.8	13.0	13.1	12.2	14.4	13.2	90	46	94	77	2.3	9.7																		
21	18.0	24.9	20.0	20.7	25.8	13.4	12.6	13.8	16.6	14.1	14.8	90	80	80	10.0	0.9																			
22	17.2	24.0	20.0	19.3	27.0	15.6	14.4	12.5	12.4	14.7	13.2	85	56	95	79	5.0	5.5																		
23	18.0	26.6	18.4	20.4	27.0	16.7	15.4	14.9	12.2	14.2	13.8	96	46	90	77	4.7	6.9																		
24	16.6	24.9	18.4	19.6	26.0	15.0	14.1	12.8	11.8	14.2	12.9	90	90	90	77	5.3	7.5																		
25	15.0	22.4	18.8	18.8	24.4	12.8	12.0	11.5	12.1	13.4	12.3	90	60	83	76	4.7	6.5																		
26	13.1	23.0	18.0	18.0	24.4	12.8	12.0	10.5	10.6	13.8	11.4	95	46	90	76	6.3	6.8																		
27	12.6	24.0	18.0	18.2	27.0	12.0	11.0	10.2	10.2	13.8	11.4	93	46	90	76	6.3																			
28	15.6	22.0	17.4	18.1	23.1	14.8	14.0	12.1	12.8	13.3	12.7	90	67	90	82	9.0	1.5																		
29	12.8	24.9	19.0	18.6	26.4	10.5	10.0	10.0	10.0	14.8	11.6	90	43	90	74	2.3	9.7																		
30	14.6	25.3	17.0	18.4	26.0	12.4	11.0	11.2	10.1	13.2	11.2	95	43	91	75	3.0	9.4																		
31	12.6	26.3	16.8	18.1	26.8	10.0	9.5	10.4	10.2	15.9	11.2	95	40	91	75	4.0	8.2																		
Med.	16.3	24.3	17.9	19.1	25.6	13.9	13.0	12.2	12.3	14.0	12.8	88	55	91	78	5.2	6.6																		

Precipitación total 47.6 m.m.

RESUMEN MENSUAL Y ANUAL

ESTACION: C. S. O. H. P. S. Y

AÑO: 1968

407

M E S	PRESION ATMOSFERICA SOBRE 800 MM. HG.		TEMPERATURA OC		TEMPERATURAS EXTREMAS OC						HUMEDAD RELATIVA %			TENSION DEL VAPOR MM. HG.			NUBOSIDAD MEDIA EN DECIMOS		BRILLO SOLAR EN DECIMOS		HORAS EVAPORACION MM.		PRECIPITACION							
	MAXIMA	MINIMA	7	14	20	MAXIMA	MINIMA	ABSOLUTA	MAXIMA	MINIMA	ABSOLUTA	7	14	20	MAXIMA	MINIMA	ABSOLUTA	7	14	20	SUMA	7	14	20	MAXIMA					
	DA	DA				MAXIMA	MINIMA	ABSOLUTA	MAXIMA	MINIMA	ABSOLUTA				MAXIMA	MINIMA	ABSOLUTA	MAXIMA	MINIMA	ABSOLUTA										
ENERO			15.5	23.9	17.6	25.1	14.2	27.0	11.4	4	13.3	86	56	92	78	35	15.9	5.6	12.5	(5.8)	1.5	19.5	39.1	1.2	66.8	7	28.2	31		
FEBRERO			16.5	24.0	18.5	24.9	15.3	27.5	13.3	16	14.4	95	60	92	82	44	16.4	10.5	13.8	(4.7)	0.8	23.6	2.6	53.4	12	26.0	2			
MARZO			16.0	23.0	17.7	24.2	14.8	27.5	13.1	7	14.0	5	62	93	84	43	16.5	8.0	13.4	(3.9)	1.5	0.9	4.8	2.9	8.6	13	3.4	26		
ABRIL			16.8	22.6	17.9	23.7	15.5	26.0	7	13.1	26	97	69	94	87	45	16.9	10.5	14.1	8.0	3.6	0.9	109.2	42.8	63.2	215.2	20	57.4	9	
MAYO			16.6	23.0	17.8	24.3	15.4	26.3	13.0	3	14.5	96	60	94	83	40	15.7	10.0	13.5	7.2	5.0	1.1	43.3	12.2	4.6	62.1	17	12.1	28	
JUNIO			16.5	22.3	17.5	23.8	15.1	26.0	13.0	19	14.2	97	64	90	86	40	15.8	9.4	13.3	6.6	2.7	1.0	79.1	55.9	6.4	139.4	20	30.9	4	
JULIO			16.2	23.0	17.5	24.2	14.8	26.3	30	12.7	12	14.0	94	56	92	83	36	16.0	8.3	12.9	6.3	5.0	1.5	7.2	19.1	2.7	29.0	11	9.3	20
AGOSTO			15.8	24.4	18.7	25.5	14.8	28.0	10	12.5	25	14.0	93	50	89	77	32	16.0	8.6	12.7	5.8	5.4	1.9	10.9	5.3	13.6	29.8	6	10.4	31
SEPTIEMBRE			16.6	23.7	17.5	25.1	14.8	27.3	15	12.0	24	14.0	87	54	92	78	40	16.7	9.0	12.5	6.4	4.5	1.4	74.5	82.2	24.3	181.0	20	45.9	3
OCTUBRE			16.8	23.1	17.6	24.5	15.1	27.7	14	12.8	2	14.3	93	62	95	83	40	16.5	10.4	13.6	6.9	4.0	1.3	112.0	82.4	70.4	264.8	23	51.7	19
NOVIEMBRE			17.1	22.8	18.0	24.4	15.1	27.0	12.5	3	14.3	89	69	93	86	40	17.1	10.0	13.8	6.2	4.8	0.9	144.6	59.5	97.4	301.5	21	68.1	12	
DICEMBRE			16.3	24.3	17.9	25.6	13.9	28.0	13	10.0	31	13.0	88	55	91	78	40	16.6	9.7	12.8	5.2	6.6	1.7	3.0	2.3	42.3	47.6	9	23.0	22
MEDIA ANUAL			16.4	23.3	17.9	24.6	14.9	27.0	--	12.4	--	14.1	93	60	92	82	40	16.3	9.2	13.2	5.7	6.7	1.2	52.3	34.0	31.9	118.2	179	30.4	--

PRECIPITACION TOTAL: 1.418.4

PRECIPITACION MAXIMA: 68.1 - XI - 12

DIAS LLUVIOSOS: 179

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

AÑO: 1.968

ESTACION: CACHIPAY

MESES	PRECIPITACION														TEMPERATURA															
	7 HORAS				14 HORAS				20 HORAS						TOTAL				TEMPERATURA											
	Máx. de:				Máx. de:				Máx. de:						Mínimo				Máximo											
	01	10	100	200	500	01	10	100	200	500	01	10	100	200	500	01	10	25	50	100	200	500	Mínimo	Máximo	Máximo	Máximo				
	14 oc	14 oc	16c	23 oc	27c	14 oc	14 oc	16c	23 oc	27c	14 oc	14 oc	16c	23 oc	27c	14 oc	14 oc	16c	23 oc	27c	14 oc	14 oc	16c	23 oc	27c	14 oc	14 oc	16c	23 oc	27c
ENERO	3	2	1	-	-	3	3	2	1	-	3	-	-	-	-	7	5	5	4	3	1	-	15	4	3	4	2			
FEBRERO	9	4	1	-	-	4	1	-	-	-	9	6	3	1	-	12	9	6	5	3	1	-	7	9	7	4	4			
MARZO	4	-	-	-	-	5	1	-	-	-	5	1	-	-	-	13	2	1	-	-	-	-	9	6	8	2	2			
ABRIL	12	9	4	3	-	10	8	1	-	-	8	5	2	1	-	20	16	13	11	5	5	1	2	9	13	-	-			
MAYO	11	6	3	-	-	8	3	-	-	-	4	2	-	-	-	17	12	7	4	3	-	-	4	9	6	-	-			
JUNIO	13	9	2	1	-	8	5	2	1	-	7	3	-	-	-	20	15	12	10	4	2	-	6	4	10	-	-			
JULIO	5	2	-	-	-	4	4	-	-	-	5	1	-	-	-	11	6	3	3	-	-	-	7	4	7	-	-			
AGOSTO	4	3	-	-	-	2	1	-	-	-	4	3	1	-	-	6	6	4	3	1	-	-	9	5	2	6	6			
SEPTBRE.	13	7	1	1	-	9	7	4	1	-	8	4	-	-	-	20	15	11	9	5	4	-	8	3	3	2	2			
OCTUBRE	14	10	5	1	-	12	9	3	1	-	8	6	4	1	-	23	18	15	14	11	4	1	7	8	5	3	3			
NOVBRE.	12	8	4	2	1	12	8	4	1	-	14	8	4	1	-	21	17	15	13	12	4	1	8	10	6	3	3			
DICBRE.	3	1	-	-	-	7	4	2	1	-	7	4	2	1	-	9	4	4	3	2	1	-	18	3	3	9	9			
SUMA ANUAL	103	61	20	8	1	79	51	16	4	-	82	43	16	5	-	179	125	96	79	22	3	-	100	74	73	31	31			

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	PRECIPITACION MAS DE 0.1 MM.																								TOTAL
	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	18-20	20-21	21-22	22-23	23-24	
ENERO	-	1	-	1	-	1	1	1	1	2	1	1	2	1	2	1	1	1	1	1	1	1	1	1	6
FEBRERO	4	2	4	2	3	3	1	-	-	-	1	1	1	2	4	5	3	4	2	2	3	1	3	2	14
MARZO	-	1	1	1	1	-	1	1	1	1	2	1	3	2	1	-	-	1	-	-	-	1	1	1	11
ABRIL	5	7	4	7	4	2	1	1	4	2	4	3	2	4	5	5	3	3	2	2	1	2	3	4	22
MAYO	5	3	7	4	1	1	-	-	1	1	1	1	3	4	3	-	2	2	1	-	2	2	1	4	19
JUNIO	4	3	3	6	5	4	4	3	2	2	4	7	6	5	2	1	2	1	1	2	1	2	2	5	20
JULIO	2	1	1	1	1	1	-	2	1	1	1	1	1	2	3	2	1	-	-	1	1	1	1	12	12
AGOSTO	1	1	1	1	2	1	-	-	-	-	1	1	1	2	3	1	1	1	1	1	2	-	-	6	6
SEPTBRE.	4	4	4	3	1	1	2	4	1	2	3	3	4	4	2	3	2	3	3	2	3	4	3	20	20
OCTUBRE	6	5	3	4	4	5	4	4	3	4	3	1	4	1	2	4	1	2	4	2	3	4	6	4	21
NOVBRE	3	3	5	3	2	3	1	1	1	1	3	8	7	5	6	3	3	6	6	5	4	5	3	4	20
DICBRE.	1	2	-	-	-	-	1	1	-	1	1	1	-	-	2	4	4	4	-	-	-	1	1	-	10
SUMA ANUAL	35	33	33	32	23	22	18	19	18	13	23	30	33	33	36	31	23	25	21	17	21	22	26	29	181

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

 Estación: C a c h i p a y

 Año 1.968

MESES	TOTAL		No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA				DURACION MAXIMA					
	m. m.	Dias	Dias	Noches	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	66.8	7	7	8	15	44.2	22.6	9:35'	8:05'	17:40'	21.2	1:35'	0.22	4.5	0.9	8.8	0.04	1.0	0.2
Febrero	72.6	12	13	15	28	54.4	18.2	14:15'	11:55'	26:10'	24.3	3:15'	0.12	4.5	0.9	10.3	0.04	1.0	0.2
Marzo	8.6	13	10	5	15	7.7	0.9	5:35'	1:40'	7:15'	3.4	0:25'	0.14	2.0	0.4	1.4	0.02	0.4	0.1
Abril	215.2	20	22	18	40	105.1	110.1	21:20'	30:40'	52:00'	36.2	3:55'	0.15	10.1	2.0	22.1	0.04	3.2	0.6
Mayo	62.1	17	16	23	39	16.3	45.3	9:40'	14:55'	24:35'	11.6	2:00'	0.10	4.4	0.9	11.6	0.10	4.4	0.9
Junio	139.4	20	23	20	43	59.7	79.7	20:55'	24:35'	45:30'	30.7	4:30'	0.11	2.5	0.5	21.4	0.07	3.0	0.6
Julio	29.0	11	11	4	15	21.9	7.2	9:30'	3:50'	13:20'	6.5	1:30'	0.07	2.9	0.6	6.4	0.06	1.3	0.3
Agosto	29.8	6	7	5	12	19.9	9.9	6:35'	3:50'	10:25'	10.1	1:00'	0.17	4.0	0.8	4.4	0.05	1.0	0.2
Septbre.	180.0	20	22	19	41	106.2	74.8	19:40'	20:40'	40:20'	43.3	3:50'	0.19	4.7	0.9	2.9	0.01	0.3	0.1
Octbre.	264.8	23	21	17	38	157.4	107.4	25:45'	34:20'	60:05'	27.1	2:05'	0.22	4.0	0.8	21.2	0.05	2.5	0.5
Novbre.	301.5	21	33	20	53	157.9	143.6	32:40'	20:25'	53:05'	56.0	3:35'	0.26	7.0	1.4	56.0	0.26	7.0	1.4
Dicbre.	47.6	9	10	3	13	46.6	3.0	9:45'	2:20'	12:05'	21.0	1:30'	0.23	6.0	1.2	15.0	0.08	2.7	0.5
TOTALES	1418.4	179	195	157	352	795.8	622.6	185:15'	177:15'	362:30'	291.4	29:10'	XX	XX	XX	46:35'	181.5	XX	XX

DATOS DIARIOS

Altura 3,550 M.

φ = 125 55' W.G.B

φ = 49 37' N

Año 1968

M68

H. P. P. O

Estación

Días	TEMPERATURA °C					TENSION DEL VAPOR m.m.					Humedad Relativa %			NUBOSIDAD DEGIMOS	Brillo Solar Horas	PRECIPITACION m.m.			EVAPORACION m.m.			VIENTOS														
	7	14	20	Med.	Máx.	Mín.	Mínima Suete	7	14	20	Med.	7	14			20	Med.	7	14	20	Total	7	14	20	Dircción	FUERZA Km./Hors	Dircción	FUERZA Km./Hors	Dircción	FUERZA Km./Hors						
																															Dircción	FUERZA	Dircción	FUERZA	Dircción	FUERZA
1	17.0	23.0	17.6	18.8	24.3	15.4	14.6	14.0	11.8	12.1	12.6	96	56	80	77	6.7	9.0	—	—	1.6	00	0	00	0	00	0	00	0	12	1						
2	16.6	23.9	17.8	19.0	25.3	14.6	14.0	13.2	11.5	12.3	12.4	94	51	80	75	3.0	8.5	—	—	2.0	00	0	00	0	00	0	10	1	12	2						
3	16.6	23.9	18.8	19.5	24.8	13.5	12.0	12.6	9.9	13.1	11.9	89	45	80	71	2.3	8.4	—	—	—	—	—	—	—	—	—	1.6	12	1	08	2	12	2			
4	16.2	23.9	18.6	19.3	25.4	14.8	13.4	12.9	11.1	12.5	12.2	91	50	78	74	8.7	6.5	—	—	—	—	—	—	—	—	—	1.6	08	1	12	2	12	2			
5	16.8	23.8	18.6	19.4	24.6	16.0	14.9	13.1	12.2	12.5	12.6	91	55	78	75	8.7	4.5	—	—	—	—	—	—	—	—	—	1.5	00	0	08	1	12	1			
6	18.0	24.9	19.9	20.7	25.2	16.6	14.5	14.5	13.2	13.0	13.6	93	56	75	75	6.0	3.5	—	—	0.2	0.4	1.0	00	0	00	0	00	0	12	1	2	0	0			
7	17.6	24.4	19.2	19.8	23.9	17.2	15.8	13.6	12.5	14.2	13.4	91	54	82	76	8.0	4.5	—	—	—	—	—	—	—	—	—	1.2	00	0	16	2	00	0			
8	17.8	22.9	19.2	19.8	23.9	17.4	15.9	14.5	12.5	12.6	13.2	95	60	76	77	9.0	5.0	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
9	17.0	24.8	19.6	20.2	26.0	16.1	14.5	13.5	12.0	12.7	12.7	93	51	74	73	6.0	5.6	—	—	—	—	—	—	—	—	—	1.6	00	0	12	2	00	0			
10	17.6	25.8	19.4	20.6	27.0	16.8	15.4	14.2	10.4	12.1	12.2	94	42	72	69	4.3	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
11	16.8	25.4	18.4	19.8	25.9	16.0	14.9	13.4	10.8	15.0	13.1	93	45	94	77	7.3	5.4	—	—	—	—	—	—	—	—	—	0.3	1.0	12	1	10	1	00	0		
12	17.2	22.9	18.8	19.4	24.0	16.8	15.0	13.7	13.0	14.3	13.7	93	64	88	82	7.0	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
13	16.8	22.9	17.8	18.8	24.6	16.3	14.5	13.6	11.1	14.6	13.1	95	53	95	81	10.0	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	16.4	23.0	18.8	19.2	23.7	15.3	14.4	12.6	12.6	13.1	12.8	90	60	80	77	8.0	2.8	1.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	15.9	23.6	18.0	18.9	24.8	15.9	14.7	12.8	10.9	13.4	12.4	95	59	86	77	8.7	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	17.0	23.2	18.1	19.1	24.6	15.4	13.5	13.8	13.8	12.6	13.4	95	65	80	80	5.7	5.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	16.5	24.8	19.0	19.8	25.4	15.6	13.8	13.4	11.2	12.5	12.4	95	48	76	73	3.7	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	17.2	23.0	19.8	20.0	25.4	15.7	14.5	13.7	11.8	12.9	12.8	93	56	74	74	8.7	4.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	16.8	24.0	19.0	19.7	25.3	16.0	15.1	13.5	12.4	12.3	12.7	94	55	75	75	9.3	4.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	18.2	24.9	19.8	20.7	26.2	15.7	14.8	13.0	14.0	13.0	13.3	83	60	75	73	6.0	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	17.8	23.2	18.8	19.6	24.0	16.3	15.2	13.4	11.8	12.7	12.6	88	56	78	74	4.7	3.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	16.4	23.8	17.0	18.6	25.5	16.1	14.9	13.1	10.2	13.1	12.5	93	46	90	76	7.3	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	16.0	19.0	18.7	18.1	23.0	15.7	15.0	13.0	13.6	14.0	13.5	95	82	86	88	10.0	0.2	5.0	1.6	0.1	22.0	1.0	12	1	08	1	10	1	2	—	—	—	—	—	—	
24	16.4	20.4	18.0	18.2	22.5	15.7	15.1	13.3	15.0	14.9	14.4	95	84	96	92	9.3	0.8	20.3	3.9	—	7.5	1.0	10	1	02	1	00	0	—	—	—	—	—	—	—	—
25	15.4	17.0	15.0	15.6	18.2	14.8	13.3	12.4	12.7	12.3	12.5	96	88	96	93	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	14.0	23.3	17.2	17.7	23.9	12.8	12.0	12.1	11.7	12.5	12.1	100	62	78	80	6.0	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	16.0	21.0	19.0	19.2	25.8	14.7	13.9	12.7	10.2	11.3	11.4	92	48	68	69	6.0	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	17.2	23.1	19.7	19.9	24.0	14.7	13.5	12.7	11.3	12.3	12.3	86	53	74	71	5.3	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	17.8	23.2	17.8	19.2	24.2	16.0	14.7	12.3	11.8	12.3	12.1	80	55	80	72	6.7	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	16.0	23.7	16.8	19.3	25.3	14.5	13.5	12.3	11.1	13.7	11.7	90	50	72	71	3.3	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	16.1	23.4	18.6	19.2	24.0	14.8	14.0	12.8	11.5	12.4	12.2	94	53	76	74	10.0	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	16.7	23.2	18.6	19.3	24.6	15.6	14.4	13.2	11.9	12.9	12.7	92	56	80	76	7.0	4.9	1.0	0.5	0.3	1.8	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total : 56.9 mm.

DATOS DIARIOS

Estación Sevilla

Mes Febrero

Año 1968

$\phi = 4^{\circ} 17' N$

$\lambda = 75^{\circ} 55' WGR$

Altura 1.550 M.

Días	TEMPERATURAS °C						TENSION DEL VAPOR mm						Humedad Relativa %			Brillo Solar Horas		PRECIPITACION mm						VIENTOS									
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20				
	Med.	Max.	Min.	Min.	Med.	Max.	Med.	Max.	Min.	Med.	Max.	Med.	Max.	Med.	Max.	Med.	Max.	Med.	Max.	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA				
1	16.6	22.3	18.0	18.7	22.6	16.0	15.5	13.3	10.5	12.4	12.1	94	52	80	75	8.0	5.1	0.6	—	—	—	—	14	1	02	1	12	1					
2	14.8	20.8	17.4	17.6	21.2	13.6	13.0	10.8	11.4	12.8	11.7	86	62	86	78	10.0	1.4	8.9	—	—	—	—	2.0	08	1	14	2	00	0				
3	16.3	20.0	17.6	17.9	22.1	14.8	14.0	13.0	13.7	13.2	13.3	94	78	88	87	9.3	2.3	—	4.5	—	—	—	4.5	2.0	10	1	12	2	00	0			
4	15.8	20.5	17.3	17.7	21.0	14.4	13.5	12.4	10.0	12.9	11.8	92	55	88	78	8.7	1.4	—	1.5	—	—	—	1.8	0.6	0	00	0	00	0	0			
5	16.0	20.6	18.0	18.2	22.4	14.9	13.8	13.0	10.9	12.4	12.1	95	60	80	78	8.7	2.6	0.3	0.4	—	—	—	—	1.0	10	1	12	2	12	2			
6	16.0	22.6	18.4	18.8	24.0	14.9	14.0	12.8	10.4	11.8	11.7	94	50	74	73	9.3	3.8	—	—	—	—	—	—	1.6	12	1	08	1	12	2			
7	16.8	24.4	18.1	19.4	25.2	14.6	14.0	13.8	10.4	12.6	12.3	91	46	80	72	7.7	8.4	—	—	—	—	—	—	2.0	12	1	08	1	12	1			
8	16.0	23.0	18.6	19.0	24.1	14.5	13.5	12.1	10.6	11.6	11.4	89	50	72	70	7.3	5.0	—	—	—	—	—	—	2.0	12	1	16	1	12	2			
9	16.0	23.0	19.0	19.2	24.2	14.8	13.5	12.7	11.7	12.2	12.2	93	55	74	74	10.0	3.3	—	—	—	—	—	—	1.6	12	1	12	2	12	3			
10	17.0	22.6	18.2	19.0	23.1	16.1	15.5	13.5	10.8	13.1	12.5	93	52	84	76	8.7	1.9	—	—	—	—	—	—	0.1	0.1	—	—	—	—	—	—		
11	17.6	24.2	19.1	20.0	24.4	16.2	15.0	13.5	10.4	11.9	11.9	90	46	72	69	6.3	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
12	16.6	24.8	18.0	19.4	25.2	15.8	15.0	13.5	10.9	14.7	13.0	95	47	95	79	8.0	8.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
13	17.0	23.0	19.6	19.8	24.3	16.1	15.4	13.8	11.8	14.9	13.5	95	56	88	80	10.0	1.2	1.7	—	—	—	—	—	—	—	—	—	—	—	—	—		
14	16.0	24.8	20.6	20.5	26.5	14.9	14.0	13.0	11.8	14.4	13.1	95	50	79	75	8.0	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
15	17.4	24.9	20.0	20.6	26.3	16.5	16.0	14.0	12.6	13.4	13.3	94	53	76	74	8.0	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
16	17.8	24.9	20.0	20.7	25.3	16.8	15.5	13.7	11.8	13.4	13.0	90	50	76	72	8.0	6.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
17	17.8	21.2	18.8	19.2	22.0	16.5	16.0	14.4	13.2	14.0	13.9	94	70	86	83	8.7	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
18	18.0	25.0	18.0	19.8	26.5	16.5	15.5	13.8	10.6	12.6	12.3	90	45	72	69	6.7	4.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
19	17.0	17.4	16.4	16.8	21.4	16.0	15.1	14.2	13.7	13.7	13.9	98	92	98	96	8.0	1.3	1.8	4.1	5.4	9.5	0.6	14	1	16	1	10	1	10	1			
20	15.4	20.0	18.0	17.8	22.0	14.0	13.5	12.6	15.8	12.4	13.6	96	90	80	69	10.0	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
21	17.0	22.8	18.5	19.2	23.5	14.9	14.0	13.1	11.6	14.0	12.9	90	56	88	78	9.3	3.3	12.1	—	—	—	—	—	—	—	—	—	—	—	—	—		
22	16.0	19.0	17.0	17.2	20.3	15.7	15.0	13.1	15.7	13.7	14.2	96	95	94	95	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
23	16.2	22.9	18.8	19.2	24.2	15.6	15.0	13.0	11.3	13.4	12.6	94	54	82	77	7.3	6.2	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—		
24	15.3	22.8	18.4	18.7	23.5	14.1	13.5	12.3	9.6	11.0	11.0	95	46	68	70	8.7	5.1	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—		
25	17.3	22.6	18.6	19.3	23.0	14.7	13.9	12.3	11.4	12.4	12.0	84	55	77	72	8.0	2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
26	17.2	23.0	18.8	19.4	25.0	14.9	14.0	13.2	11.7	11.3	12.1	90	55	70	72	8.3	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
27	17.0	21.0	17.2	18.1	22.3	16.5	14.4	13.1	13.0	13.7	13.3	90	70	93	84	10.0	2.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
28	15.3	21.6	18.8	18.6	22.4	15.0	13.5	12.4	12.2	11.7	12.1	96	63	72	77	10.0	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
29	15.8	21.6	17.4	18.0	22.0	15.0	13.6	12.9	10.4	11.7	11.7	94	54	78	76	9.7	1.3	25.3	—	—	—	—	—	—	—	—	—	—	—	—	—		
30																																	
31																																	
Med.	16.5	22.3	18.4	18.9	23.4	15.3	14.4	13.1	11.7	12.9	12.6	93	59	81	78	8.6	3.4	2.0	0.9	1.1	4.3	1.5	—	—	—	—	—	—	—	—	—		

Precipitación total : 124.1 m.m.

DATOS DIARIOS

Estación Savilla Mes Marzo Año 1968 $\phi = 46.17' N$ $\lambda = 75^{\circ} 55' W.G.R$ Altura 1,550 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa						Brillo Solar			PRECIPITACION						VIENTOS					
	Med.		Max.	Min.	Mínima Escala		m m.		Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	m m.		DIRECCION FUERZA Km./Hora		DIRECCION FUERZA Km./Hora				
	7	14	20	7	14	20	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	7	14	20		
1	16.2	21.2	17.6	16.2	22.0	14.5	14.0	13.0	11.3	11.2	11.8	94	60	74	76	9.3	2.5	5.6	—	0.1	0.3	0.8	90	0	16	1	12	2	—	—			
2	16.0	21.6	16.0	17.4	22.4	15.4	14.6	12.8	11.2	13.1	12.4	94	58	96	83	9.3	3.5	9.2	—	16.7	21.8	2.2	10	1	02	1	00	0	—	—			
3	15.8	20.6	16.8	17.4	22.0	15.0	14.6	12.9	11.2	10.7	11.6	96	64	74	78	8.7	1.6	3.1	0.3	—	—	0.6	00	0	00	0	00	0	—	—			
4	15.4	21.6	17.4	18.0	23.0	14.6	14.0	12.6	12.2	11.1	12.0	96	64	75	78	10.0	3.4	3.1	—	—	—	1.4	10	1	12	1	12	1	—	—			
5	15.1	22.8	17.6	18.3	24.0	14.1	13.4	12.3	12.5	10.6	11.8	96	60	70	75	8.7	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—			
6	15.7	23.0	17.6	18.5	24.0	14.5	13.5	12.8	10.2	9.2	10.7	95	48	61	68	8.0	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—			
7	16.0	21.8	17.9	18.4	23.0	14.5	13.5	12.3	9.6	9.8	10.6	90	50	94	68	8.3	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—			
8	15.6	21.0	17.0	17.6	21.8	14.9	14.0	11.9	11.3	11.1	11.4	90	60	76	75	10.0	4.8	—	—	—	—	—	—	—	—	—	—	—	—	—			
9	16.0	20.0	16.7	17.3	21.3	15.5	15.0	12.3	11.0	12.9	12.1	90	62	90	81	8.7	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—			
10	16.0	21.0	17.1	17.8	22.0	15.5	14.6	12.7	10.3	11.6	11.5	93	55	80	76	8.7	—	1.8	—	—	—	—	—	—	—	—	—	—	—	—			
11	15.4	22.6	17.0	18.0	23.5	14.5	14.0	12.6	9.2	10.8	10.9	96	45	74	72	10.0	1.6	13.3	—	—	—	—	—	—	—	—	—	—	—	—			
12	15.9	21.9	18.2	18.6	23.0	15.5	14.5	12.5	12.4	13.6	12.8	93	63	87	81	10.0	1.7	1.2	—	—	—	—	—	—	—	—	—	—	—	—			
13	16.6	23.9	18.4	19.1	25.3	15.7	14.5	12.6	10.2	12.4	11.7	89	46	78	71	8.7	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—			
14	16.8	22.6	18.8	19.2	23.5	16.8	15.4	12.9	10.6	12.0	11.8	90	51	73	71	9.3	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—			
15	16.9	22.6	18.8	19.3	23.3	16.7	15.4	13.4	10.4	12.4	12.1	93	50	76	73	9.7	1.6	—	—	—	—	—	—	—	—	—	—	—	—	—			
16	16.1	22.3	16.2	17.7	24.0	15.3	14.4	12.3	10.8	11.0	11.4	90	53	80	74	8.7	1.6	10.4	—	—	—	—	—	—	—	—	—	—	—	—			
17	15.6	20.8	17.4	17.8	21.9	15.3	14.2	12.5	11.1	12.5	12.0	94	60	84	79	8.0	0.6	4.4	—	—	—	—	—	—	—	—	—	—	—	—			
18	16.4	20.9	18.6	18.6	23.0	16.0	15.4	12.6	11.1	12.9	12.2	90	60	80	77	8.7	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—			
19	16.9	22.6	19.0	19.4	23.0	16.3	15.5	13.4	11.6	13.2	12.7	93	56	80	76	8.7	4.1	0.6	—	—	—	—	—	—	—	—	—	—	—	—			
20	17.6	22.4	19.0	19.5	23.3	16.8	15.4	13.6	11.5	13.2	12.8	91	57	80	76	8.7	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—			
21	17.9	23.9	18.6	19.5	24.5	15.7	15.0	12.8	11.1	13.1	12.3	90	50	80	73	6.7	5.2	—	—	—	—	—	—	—	—	—	—	—	—	—			
22	17.9	23.9	18.6	18.3	21.5	17.3	16.0	13.7	12.1	13.2	13.0	90	54	82	75	10.0	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—			
23	17.6	23.9	19.8	20.3	25.3	16.3	15.3	13.1	12.4	12.9	12.8	88	56	74	73	9.3	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—			
24	17.9	24.6	19.8	19.4	25.0	15.3	14.1	13.2	11.5	12.0	12.2	93	53	74	73	10.0	6.9	—	—	—	—	—	—	—	—	—	—	—	—	—			
25	16.5	23.4	18.8	19.4	24.5	15.3	14.1	13.2	11.5	12.0	12.2	92	50	70	71	10.0	6.4	—	—	—	—	—	—	—	—	—	—	—	—	—			
26	17.2	24.9	19.9	20.5	26.0	16.7	15.4	13.5	11.8	12.0	12.4	92	50	70	71	10.0	6.4	—	—	—	—	—	—	—	—	—	—	—	—	—			
27	17.6	24.6	19.7	20.4	25.3	16.8	15.5	13.6	11.9	14.5	13.3	91	51	83	75	8.0	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—			
28	17.8	24.0	19.0	20.0	24.2	16.8	15.5	14.4	12.4	13.2	13.3	94	55	80	76	10.0	3.5	—	—	—	—	—	—	—	—	—	—	—	—	—			
29	16.0	23.0	19.1	19.8	24.0	16.4	15.3	14.0	12.6	14.1	13.6	91	60	85	79	10.0	2.2	—	—	—	—	—	—	—	—	—	—	—	—	—			
30	17.8	24.8	20.0	20.6	26.0	16.1	15.4	13.7	11.8	15.3	13.6	90	50	88	76	8.7	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—			
31	18.4	24.9	18.8	20.2	25.4	17.1	16.3	14.2	10.7	14.0	13.0	90	46	86	74	8.7	3.3	5.6	—	—	—	—	—	—	—	—	—	—	—	—			
Med	16.6	22.5	18.2	18.9	21.6	15.8	14.8	13.0	11.2	12.4	12.2	92	55	79	75	8.8	3.4	1.5	0.1	1.7	3.1	1.5	—	—	—	—	—	—	—	—			

Precipitación total : 97.0 mm.

DATOS DIARIOS

Estación SOYILIA Mes ABRIL Año 1968 ☉ 74° 17' N λ 75° 55' W GR Altura 1,550 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa				NEBULOSIDAD		Brillo Solar		PRECIPITACION						VIENTOS													
	Med.		Máx.		Mín.		Med.		Máx.		Mín.		Med.		Máx.		Mín.		Med.		Med.		7		14		20		7		14		20		7		14		20	
	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA				
1	18.7	23.2	19.4	20.2	23.5	16.5	15.5	13.3	16.1	15.0	95	62	95	84	8.0	4.1	---	---	---	---	---	0.2	0.2	0.8	14	1	16	1	00	0	---	---	---	---	---	---				
2	18.2	25.3	20.0	20.9	26.5	17.5	16.5	14.1	14.7	14.7	96	60	84	80	9.3	3.6	---	---	---	---	---	---	---	1.8	00	0	08	2	12	1	---	---	---	---	---	---				
3	18.6	23.9	20.6	20.9	26.6	17.4	16.5	15.5	14.1	14.2	96	66	78	80	9.3	3.3	---	---	---	---	---	---	---	---	1.6	14	1	14	2	12	2	---	---	---	---	---	---			
4	18.0	21.9	18.8	19.4	23.0	17.0	15.9	14.9	15.9	15.7	96	81	90	90	10.0	---	---	---	---	---	---	---	---	---	0.6	12	1	14	2	12	2	---	---	---	---	---	---			
5	18.6	26.4	20.8	21.6	27.4	17.0	16.1	15.3	15.0	15.8	95	58	86	80	9.7	8.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
6	18.0	23.9	21.0	21.0	25.4	17.4	16.3	14.7	15.1	15.7	95	68	85	83	9.0	1.8	0.2	5.3	0.2	42.4	1.5	0.2	4.3	0.2	1.5	02	1	00	0	00	0	00	0	00	0	00	0			
7	18.0	22.6	19.4	19.8	23.4	16.5	15.5	14.9	16.4	16.1	95	80	95	90	9.3	0.4	36.9	0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
8	16.2	22.4	18.0	18.8	23.6	16.8	15.5	13.6	13.6	15.2	14.1	95	66	98	86	8.3	4.0	29.9	0.1	0.8	4.3	1.8	1.6	1	00	0	14	2	---	---	---	---	---	---	---	---	---			
9	16.6	22.4	17.4	18.5	23.0	16.4	15.3	13.8	12.8	14.2	96	63	95	85	10.0	0.2	3.4	0.1	24.0	30.9	0.8	1.2	1.4	1	14	1	10	1	---	---	---	---	---	---	---	---	---			
10	16.0	21.2	18.4	18.5	23.3	15.8	15.1	13.1	14.2	15.3	14.2	96	76	96	89	8.0	1.1	6.8	2.9	0.2	79.9	0.4	1.0	1	14	1	10	1	---	---	---	---	---	---	---	---	---	---		
11	16.3	21.0	17.8	18.2	22.0	15.7	14.5	13.3	13.0	14.6	13.6	96	70	95	87	8.7	5.2	76.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
12	16.0	22.8	18.0	18.7	23.0	15.0	14.3	12.7	14.7	14.9	14.1	93	70	96	86	9.0	2.9	23.4	3.4	0.2	3.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
13	17.6	19.9	18.4	18.6	23.2	16.0	15.3	13.8	15.9	14.2	14.6	92	92	90	91	10.0	2.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
14	16.6	20.6	17.6	18.2	23.3	16.0	14.9	13.5	13.4	14.5	13.8	95	73	96	88	8.7	1.0	41.4	1.8	12.3	14.7	1.0	0.0	0	14	2	00	0	---	---	---	---	---	---	---	---	---	---		
15	16.4	22.2	17.2	18.2	22.5	16.0	15.3	13.4	13.4	13.9	13.6	96	66	94	85	10.0	1.6	0.6	0.2	7.1	8.7	0.8	1.2	1	16	1	12	1	---	---	---	---	---	---	---	---	---	---	---	
16	16.0	22.2	18.6	18.6	22.6	14.5	14.0	13.1	14.1	11.6	12.9	96	70	75	80	9.3	4.3	1.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	17.0	23.6	18.0	19.2	24.9	15.8	14.5	14.0	13.1	10.8	12.6	96	60	70	75	5.0	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
18	16.8	22.4	17.6	18.6	23.1	16.4	15.0	13.8	12.7	14.2	13.6	96	82	94	84	6.7	5.1	0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
19	17.2	23.8	19.6	20.0	25.4	14.9	13.3	14.1	13.3	11.2	12.9	96	60	66	74	2.7	10.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
20	17.1	23.0	18.8	19.4	24.6	16.0	15.4	14.0	13.2	14.0	13.7	96	64	86	82	8.0	6.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
21	17.9	23.2	18.6	19.6	25.3	16.6	14.5	14.7	14.7	13.8	14.2	96	66	86	83	5.3	4.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
22	17.6	22.3	17.9	18.9	22.9	17.3	16.1	14.5	15.2	14.7	14.8	96	76	96	89	10.0	1.9	3.1	0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
23	16.4	22.0	17.8	18.1	23.3	15.4	14.3	13.4	13.8	13.8	13.7	96	70	95	87	10.0	3.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
24	16.8	21.6	17.8	18.5	24.0	15.8	15.0	13.8	15.4	12.3	13.8	96	80	85	10.0	3.7	1.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
25	16.6	18.8	17.7	17.7	23.6	16.3	15.0	13.6	15.7	13.7	14.3	96	96	90	94	10.0	0.3	1.1	2.1	0.1	2.2	1.0	1.4	2	00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	18.6	23.4	18.6	19.8	24.0	15.1	14.4	15.5	13.4	15.2	14.7	96	61	94	85	10.0	6.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	17.2	23.9	18.6	19.6	24.9	16.0	14.5	14.0	13.6	15.5	15.0	95	70	96	87	8.0	3.4	35.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
28	17.9	20.6	17.7	18.5	23.0	17.6	16.5	14.7	12.7	14.7	14.0	96	70	96	87	6.0	2.0	0.2	0.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
29	18.0	23.9	17.3	19.1	25.3	16.8	15.3	14.9	13.3	14.1	14.1	96	60	96	84	8.7	4.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
30	16.9	22.9	18.6	19.2	23.4	16.6	15.4	13.6	15.8	15.5	15.0	95	74	96	88	7.3	1.6	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Med.	17.3	22.6	18.5	19.2	24.0	16.3	15.2	14.2	14.2	14.3	14.2	96	70	90	85	8.5	3.6	8.8	0.6	2.9	12.3	1.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		

Precipitación total 360.8 mm.

DATOS DIARIOS

Estación BOYILLIO

Mes Mayo

Año 1908

φ = 4° 17' N

λ = 75° 55' W.G.R.

Altura 1,550 M.

Días	TEMPERATURA -C						TENSIÓN DEL VAPOR m.m.						Humedad Relativa %						Brillo Solar Horas			PRECIPITACION m.m.						EVAPORACION m.m.						VIENTOS					
	Med.		Máx.		Mín.		Mín. Sueto		7		14		20		Med.		7		14		20		Total		7		14		20		DIREC.		FUERZA		DIREC.		FUERZA		
	7	14	20	7	14	20	7	14	20	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA				
1	16.6	23.9	18.6	19.4	24.0	16.0	15.1	13.5	12.4	14.8	13.6	95	56	23	81	8.7	3.0	—	—	—	—	—	—	1.0	00	0	12	1	10	2	0	0	0	0	0	0			
2	17.6	23.4	19.0	19.8	24.2	16.2	15.3	14.5	13.6	11.5	13.2	96	64	70	77	7.7	5.1	—	—	—	—	—	—	1.2	14	1	10	2	10	2	0	0	0	0	0	0			
3	18.2	23.0	19.0	20.0	24.0	17.0	15.5	15.1	13.8	14.4	14.4	96	65	86	86	8.2	6.3	—	—	—	—	—	—	1.8	00	0	12	2	12	2	0	0	0	0	0	0			
4	18.6	24.4	19.6	20.6	25.3	16.4	14.5	15.5	14.5	14.3	14.8	96	63	84	81	8.7	6.4	—	—	—	—	—	—	0.8	0.5	—	—	—	—	—	—	—	—	—	—	—	—		
5	17.0	22.6	18.7	19.2	23.5	15.8	14.5	14.0	14.5	15.7	14.7	95	70	96	87	9.3	4.9	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
6	19.6	22.9	17.8	19.5	24.0	16.6	15.4	16.5	14.9	13.7	15.0	96	71	90	86	10.0	5.2	—	—	—	—	—	—	12.2	24.7	—	—	—	—	—	—	—	—	—	—	—	—	—	
7	17.3	20.0	17.1	17.9	22.5	16.0	15.5	14.1	16.1	14.0	14.7	96	92	96	95	8.7	2.0	12.5	9.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
8	16.8	18.0	15.6	16.5	19.6	16.4	15.3	14.1	14.5	12.6	13.7	97	93	95	95	10.0	0.2	0.3	4.5	3.5	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
9	16.2	20.6	17.0	17.7	21.7	14.8	13.5	13.3	13.2	12.7	13.1	96	73	88	86	10.0	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	16.4	21.2	17.3	18.0	22.5	15.8	13.5	13.4	15.6	14.1	14.4	96	83	96	92	10.0	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	18.6	22.6	17.6	19.1	23.8	16.5	15.1	15.6	13.2	14.4	14.4	97	73	95	88	8.7	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	18.2	24.4	19.6	20.4	25.6	15.6	13.5	14.9	13.7	16.5	15.0	95	60	96	84	6.0	8.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	18.6	21.0	16.6	18.2	24.0	16.7	14.9	15.8	11.3	13.5	13.5	97	66	95	84	8.7	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	17.0	23.0	17.8	18.9	23.7	16.7	15.4	14.0	14.0	14.2	14.1	96	66	93	85	8.7	1.5	2.2	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	16.0	22.4	17.3	18.2	22.9	15.3	14.3	13.4	12.8	13.1	13.1	98	63	90	84	9.3	4.6	4.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	18.4	24.8	18.8	20.2	25.3	15.4	14.2	15.4	16.6	14.6	15.5	97	70	90	86	8.7	8.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	18.0	23.6	18.2	19.5	24.0	17.1	16.3	14.8	13.1	11.0	13.0	96	60	70	75	9.3	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	16.4	22.4	18.4	18.9	22.6	15.0	14.1	13.7	15.4	15.0	14.7	97	76	94	89	8.7	3.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	18.0	23.9	19.2	20.1	25.2	16.5	14.5	16.7	12.1	12.4	13.1	95	54	74	74	5.3	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	17.8	22.4	19.0	19.6	24.9	16.5	15.3	13.7	12.1	15.9	13.9	90	60	96	82	7.3	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	16.0	21.9	17.7	18.3	23.3	15.6	14.5	13.1	15.6	14.7	14.5	96	80	96	91	9.3	3.8	3.8	1.7	2.3	0.5	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	16.8	22.4	17.4	18.5	23.7	15.8	14.6	13.4	12.6	14.2	13.4	96	70	96	87	9.3	5.8	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	17.0	23.2	19.6	19.8	23.5	15.8	15.0	14.0	15.0	15.8	14.9	96	70	93	86	6.0	4.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	18.8	24.1	17.2	19.3	25.5	16.0	15.3	15.7	12.4	14.1	14.1	96	56	96	83	5.0	7.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	17.0	22.6	17.0	18.4	23.3	15.3	14.5	14.0	15.4	14.0	14.5	96	74	96	89	8.7	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	15.4	21.4	15.9	17.2	22.0	14.8	14.0	12.6	13.3	12.9	12.9	96	70	96	87	9.3	2.3	0.3	0.3	0.2	0.5	0.6	1.2	1.0	2.0	0.2	2	2	2	2	2	2	2	2	2	2	2	2	
27	16.8	22.6	19.0	19.4	23.0	13.5	13.0	13.6	15.1	15.1	14.6	95	73	92	87	10.0	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	16.0	21.9	19.9	20.4	26.0	16.6	15.4	14.9	15.6	15.6	15.4	96	70	90	85	9.3	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	18.2	19.9	17.6	18.3	23.0	17.4	15.6	14.2	14.7	14.0	14.3	90	85	93	89	10.0	1.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	17.0	21.8	18.0	18.7	22.4	16.8	15.4	13.7	14.6	14.5	14.3	94	74	93	87	10.0	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	17.0	22.4	17.8	18.8	23.1	16.8	15.3	13.7	12.1	14.6	13.5	94	60	93	83	8.7	2.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	17.4	22.5	18.0	19.0	23.6	16.0	14.8	14.3	14.0	14.1	14.1	96	69	91	85	8.7	4.0	0.7	0.8	1.6	3.3	1.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total 103.6 mm.

DATOS DIARIOS

Estación Sovilla Mes Junio Año 1908 $\phi = 45^{\circ} 37' N$ $\lambda = 75^{\circ} 55' WGR$ Altura 1.550 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR			Humedad Relativa			Brillo Solar Horas	PRECIPITACION			VIENTOS						
	Med.		Mín.		Máx.		Med.		Med.		Med.			in m		EAPORACION		7		14		20	
	7	14	20	7	14	20	7	14	20	7	14	20		7	14	20	DIREC. COZ.	FUERZA Km./Hora	DIREC. CION	FUERZA Km./Hora	DIREC. CION	FUERZA Km./Hora	
1	16.9	19.0	17.2	17.6	19.6	16.8	15.5	13.5	13.8	13.2	13.5	94	84	90	89	10.0	—	—	—	—	—	—	—
2	17.0	18.2	17.2	17.2	20.7	14.9	13.5	13.1	13.3	12.9	13.1	90	85	80	85	8.7	—	—	—	—	—	—	—
3	17.0	20.6	17.5	18.2	23.6	15.3	14.4	13.1	10.6	12.9	12.2	90	88	86	78	6.7	—	—	—	—	—	—	—
4	16.4	22.2	18.0	18.6	23.6	15.7	14.8	13.4	14.8	14.4	13.8	96	66	94	85	8.7	3.6	—	—	—	—	—	—
5	16.3	18.6	16.0	16.7	20.0	15.6	15.0	13.3	14.4	12.3	13.3	96	90	92	10.0	—	—	—	—	—	—	—	—
6	14.0	17.8	15.7	15.8	19.0	13.4	12.5	11.4	13.9	12.9	12.7	95	92	86	94	10.0	1.2	—	—	—	—	—	—
7	14.9	22.9	18.0	18.4	24.4	13.8	12.5	11.3	8.3	12.4	10.7	90	40	90	70	6.7	7.2	—	—	—	—	—	—
8	16.2	22.0	18.1	19.1	25.4	14.8	14.0	11.5	13.5	13.4	12.8	84	60	86	77	8.0	6.8	—	—	—	—	—	—
9	19.0	24.9	19.4	20.2	24.8	15.4	14.1	15.1	11.6	14.4	13.7	92	56	86	78	8.0	6.7	3.7	—	—	—	—	—
10	17.0	22.4	18.8	19.2	24.0	16.8	15.0	14.0	12.1	13.7	13.3	96	60	85	80	7.0	4.7	—	—	—	—	—	—
11	17.0	22.9	19.6	20.0	24.8	17.3	16.5	14.4	14.7	14.6	14.6	94	70	86	83	9.0	5.3	—	—	—	—	—	—
12	16.8	22.4	16.5	18.0	22.8	15.7	15.0	13.6	12.1	13.4	13.0	95	60	95	83	10.0	3.1	—	—	—	—	—	—
13	17.5	21.3	18.0	18.7	23.0	15.0	14.4	13.5	13.5	13.8	13.6	90	72	90	84	6.7	3.7	—	—	—	—	—	—
14	17.0	22.0	18.3	18.9	22.6	15.8	14.6	13.7	11.9	14.0	13.2	94	60	90	81	9.3	5.4	—	—	—	—	—	—
15	17.1	23.0	18.8	19.4	24.0	15.9	15.0	14.1	12.2	14.1	13.5	96	58	80	78	8.0	7.4	0.2	—	—	—	—	—
16	17.1	18.0	15.8	16.7	21.6	15.3	14.4	14.0	12.5	12.8	13.1	95	81	95	90	9.3	4.1	—	—	—	—	—	—
17	17.0	18.8	16.8	17.4	21.3	14.6	14.0	14.0	15.0	13.6	14.2	96	93	95	10.0	4.5	—	—	—	—	—	—	—
18	17.0	22.0	17.4	18.4	22.7	15.4	14.0	14.0	12.8	12.5	13.1	96	65	84	82	10.0	3.6	—	—	—	—	—	—
19	17.0	22.6	17.6	18.7	23.0	16.1	14.4	14.2	13.0	14.5	13.9	98	63	96	86	8.0	2.6	—	—	—	—	—	—
20	17.0	22.2	18.0	19.0	23.0	15.6	14.7	14.7	12.5	14.9	14.0	96	62	96	85	8.0	4.2	—	—	—	—	—	—
21	17.0	21.4	16.3	17.8	22.0	16.5	14.7	13.8	15.3	13.3	14.1	95	80	96	90	9.3	2.2	—	—	—	—	—	—
22	16.4	21.0	18.0	18.4	22.0	15.2	14.5	13.3	14.6	14.9	14.3	95	78	96	90	5.3	3.5	1.3	0.2	—	—	—	—
23	16.8	21.4	17.6	18.2	22.4	15.2	14.6	13.3	12.6	14.5	13.5	96	66	96	86	8.7	3.3	6.8	—	—	—	—	—
24	17.2	22.1	18.0	18.8	22.8	15.7	14.8	14.1	12.8	14.6	13.8	96	65	93	85	7.3	5.4	—	—	—	—	—	—
25	17.0	18.1	15.3	16.4	21.6	15.7	15.0	14.0	13.4	12.3	13.2	96	86	95	92	10.0	2.8	—	—	—	—	—	—
26	16.0	22.1	16.4	17.1	22.5	14.7	14.0	13.4	10.1	13.3	12.3	98	51	95	81	9.3	7.6	—	—	—	—	—	—
27	16.8	22.4	18.6	19.1	23.0	14.7	14.0	13.6	13.4	14.8	13.9	95	65	93	84	7.7	4.8	0.2	—	—	—	—	—
28	17.1	21.9	17.6	18.6	22.4	15.6	15.0	14.0	13.6	14.5	14.0	96	70	96	87	9.3	5.1	—	—	—	—	—	—
29	17.0	18.6	16.4	17.1	21.6	14.8	14.2	14.4	13.4	14.0	14.0	98	90	96	95	5.3	2.4	0.1	—	—	—	—	—
30	15.8	21.6	17.4	18.0	22.0	14.7	14.0	12.9	14.0	12.8	13.2	96	73	86	85	6.7	3.3	1.2	0.2	—	—	—	—
Med	16.8	21.1	17.5	18.2	22.5	15.4	14.5	13.6	13.0	13.6	13.4	94	70	91	85	8.4	3.8	1.5	1.0	1.1	3.9	1.1	—

Precipitación total 117.7 m.m.

DATOS DIARIOS

Estación Bovillia Mes Agosto Año 1958 $\phi = 48 17' N$ $\lambda = 75 55' WGR$ Altura 1.550 M.

Días	TEMPERATURAS °C				TENSIÓN DEL VAPOR mm				Humedad Relativa %				NUBOSIDAD DECIMOS		Brillo Solar Horas		PRECIPITACION mm			EVAPORACION mm			VIENTOS					
	7	14	20	Med.	Máx.	Min.	Min. Juelo	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	DIRECCION Fuera	VELOCIDAD Km. Hora	DIRECCION Fuera	VELOCIDAD Km. Hora		
	7	14	20	Med.	Máx.	Min.	Min. Juelo	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	DIRECCION Fuera	VELOCIDAD Km. Hora	DIRECCION Fuera	VELOCIDAD Km. Hora		
1	17.6	21.6	18.6	19.1	22.9	16.3	15.1	14.4	12.2	15.3	14.0	95	64	95	85	10.0	0.9	—	0.4	0.6	1.0	0.8	12	1	10	2	12	2
2	17.0	21.9	18.8	19.6	25.2	16.3	15.1	13.5	11.8	13.2	12.8	93	53	81	76	10.0	4.6	—	—	—	—	1.6	12	1	08	1	00	0
3	16.8	21.1	19.2	19.6	24.0	15.8	14.9	13.8	11.8	11.7	12.4	96	56	70	74	9.1	6.4	—	—	—	—	1.4	14	1	00	0	12	2
4	17.4	22.0	18.0	19.1	23.5	15.7	14.6	14.2	12.6	13.4	13.4	95	60	86	80	8.7	3.4	—	0.5	0.2	0.7	1.0	00	0	00	0	12	1
5	16.4	22.9	17.6	18.6	24.0	15.4	14.5	13.4	10.9	14.2	12.8	96	52	84	81	9.7	2.3	—	—	0.9	12.0	1.4	12	1	08	2	12	2
6	16.3	21.3	17.1	18.0	21.8	15.8	15.0	13.5	12.3	13.7	13.2	98	65	92	85	9.7	2.6	11.1	—	0.3	0.3	1.2	00	0	02	1	12	2
7	16.6	24.6	20.0	20.3	25.3	15.6	14.9	13.5	12.1	14.9	13.5	95	52	85	77	8.7	8.9	—	—	—	—	1.6	00	0	12	2	12	2
8	17.8	24.8	19.0	20.2	25.0	16.3	15.4	14.7	11.8	13.2	13.2	96	50	80	75	8.7	5.9	—	—	—	—	3.4	12	1	14	2	00	0
9	19.0	25.8	20.0	21.2	26.5	17.0	16.0	13.9	11.2	13.7	12.9	85	45	78	69	3.0	9.5	—	—	—	—	—	—	—	—	—	—	—
10	18.0	25.2	20.2	20.9	26.5	16.3	15.1	13.8	11.6	13.2	12.9	90	48	74	71	8.7	9.2	—	—	—	—	—	—	—	—	—	—	—
11	17.8	23.6	20.0	20.4	25.3	17.0	16.0	14.4	15.5	13.1	14.3	94	61	85	77	9.3	5.4	—	—	—	—	—	—	—	—	—	—	—
12	18.0	25.0	18.8	20.2	26.3	16.2	15.1	14.6	11.4	12.3	12.8	94	48	75	72	8.0	9.0	—	—	—	—	—	—	—	—	—	—	—
13	16.6	26.3	20.6	21.0	26.5	15.0	13.0	13.5	11.8	13.8	13.0	95	46	76	72	2.0	10.5	—	—	—	—	—	—	—	—	—	—	—
14	17.0	23.4	17.0	18.6	24.0	15.0	14.0	13.2	12.9	13.8	13.3	91	60	95	82	10.0	3.2	—	—	—	—	—	—	—	—	—	—	—
15	18.0	23.0	19.1	19.8	24.0	15.3	13.5	13.8	11.7	13.2	12.9	90	55	80	75	8.0	7.0	—	—	—	—	—	—	—	—	—	—	—
16	17.8	23.6	20.0	20.4	25.0	15.5	14.0	14.4	12.2	13.7	13.4	94	56	78	76	7.3	5.6	1.2	—	—	—	—	—	—	—	—	—	—
17	17.4	22.8	19.0	19.6	23.0	15.5	14.5	14.2	13.6	13.2	13.7	95	65	80	80	8.7	1.5	—	—	—	—	—	—	—	—	—	—	—
18	17.6	23.8	18.6	19.6	24.4	16.5	15.5	13.5	12.2	13.0	12.9	90	55	81	75	9.3	4.6	—	—	—	—	—	—	—	—	—	—	—
19	16.4	25.0	19.7	20.2	26.0	15.9	14.9	13.4	10.6	13.7	12.6	96	45	78	73	7.3	8.6	—	—	—	—	—	—	—	—	—	—	—
20	18.0	24.6	19.7	20.5	25.5	15.5	14.5	14.7	10.3	14.8	13.3	95	45	86	75	8.0	6.4	—	—	—	—	—	—	—	—	—	—	—
21	17.4	24.6	19.3	20.1	26.0	15.0	13.0	13.0	11.1	13.3	12.5	88	48	80	72	7.7	7.8	—	—	—	—	—	—	—	—	—	—	—
22	18.0	24.8	18.6	20.0	26.0	15.0	13.5	13.8	10.5	13.7	12.7	90	45	80	72	7.3	6.8	—	—	—	—	—	—	—	—	—	—	—
23	17.8	25.6	19.6	20.6	26.5	15.0	14.0	13.7	12.3	13.9	13.3	90	50	80	73	8.0	6.1	—	—	—	—	—	—	—	—	—	—	—
24	18.6	25.0	20.2	21.0	25.5	17.5	16.5	15.3	14.7	14.9	15.0	95	63	84	81	7.3	2.7	—	—	—	—	—	—	—	—	—	—	—
25	17.6	19.0	18.0	18.1	23.3	17.2	16.3	14.4	11.5	14.9	13.6	95	70	96	87	9.3	1.5	—	—	—	—	—	—	—	—	—	—	—
26	17.2	23.4	16.0	18.2	24.0	16.3	15.4	14.0	12.0	12.8	12.9	95	56	94	82	8.7	3.5	—	—	—	—	—	—	—	—	—	—	—
27	15.8	19.5	16.0	16.8	20.0	15.5	14.5	13.2	11.9	12.8	12.6	98	70	94	87	10.0	—	—	—	—	—	—	—	—	—	—	—	—
28	15.4	22.6	17.6	18.3	23.0	14.5	13.0	12.9	11.0	13.5	12.5	98	53	90	80	9.7	4.7	—	—	—	—	—	—	—	—	—	—	—
29	18.8	23.4	16.7	18.9	25.0	16.0	15.4	15.5	12.0	13.6	13.7	95	56	95	82	9.3	3.8	—	—	—	—	—	—	—	—	—	—	—
30	16.0	20.0	16.6	17.3	21.0	15.2	14.5	13.7	14.1	13.5	13.8	100	80	95	92	10.0	1.5	2.7	1.0	0.2	1.8	0.8	14	1	06	1	00	0
31	16.0	20.8	16.3	17.4	21.4	15.3	14.5	13.7	12.8	13.3	13.3	100	70	96	89	9.3	1.4	0.7	0.2	2.4	37.6	1.0	14	1	00	0	00	0
Med.	17.3	23.4	18.6	19.5	24.4	15.8	14.7	13.9	12.1	13.6	13.2	94	56	85	78	8.4	5.0	0.9	0.4	2.1	3.9	1.7	—	—	—	—	—	—

Precipitación total : 120.4 mm.

D A T O S D I A R I O S

Estación SEVILLA Mes Septiembre, Año 1968 $\phi = 48^{\circ}17' N$ $\lambda = 75^{\circ}55' WGR$ Altura 3.550 M.

Días	T E M P E R A T U R A S						T E N S I O N D E L V A P O R						H u m e d a d R e l a t i v a			N U B O S I D A D			P R E C I P I T A C I O N			E V A P O R A C I O N			V I E N T O S											
	Med.		Max.		Min.		Med.		Med.		Med.		%			Octimos			mm			mm			7		14		20		7		14		20	
	7	14	20	Med.	Max.	Min.	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	DIREC. KM./HORA	DIREC. KM./HORA	7	14	20	DIREC. KM./HORA	DIREC. KM./HORA				
				m m.		Seulo																														
1	16.1	22.0	17.2	18.1	25.0	14.5	13.7	13.8	14.0	13.6	100	70	95	88	8.7	1.4	14.0	0.3	15.0	22.2	0.6	10	1	00	0	00	0	00	0	00	0	00	0			
2	16.0	20.9	17.6	18.0	22.0	14.5	14.0	12.7	11.6	13.5	12.6	93	63	90	82	9.3	1.7	6.9	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
3	19.0	24.8	18.8	20.4	25.0	13.5	13.2	10.7	15.0	13.0	80	46	93	73	8.7	1.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
4	16.8	20.0	16.4	17.6	24.0	16.0	14.9	12.9	15.7	11.4	13.3	90	85	81	85	10.0	3.2	23.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
5	17.4	24.6	18.1	19.6	25.5	13.5	12.0	12.6	11.7	13.4	12.6	85	50	86	74	7.0	5.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
6	18.6	24.6	18.1	19.8	25.4	16.0	15.4	14.4	13.9	14.5	14.3	90	60	93	81	8.3	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
7	18.0	23.6	18.8	19.8	24.0	17.0	16.0	13.1	12.2	14.6	13.3	85	56	90	77	9.3	3.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
8	17.8	20.4	17.6	18.4	21.5	16.8	16.0	14.6	12.6	14.5	13.9	95	70	96	87	10.0	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
9	16.6	22.9	17.6	18.7	24.0	15.6	14.4	13.6	12.5	14.4	13.5	96	60	95	84	10.0	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
10	17.2	23.5	19.0	19.7	25.0	15.6	14.5	14.0	13.0	15.7	14.2	95	60	95	83	8.3	7.8	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
11	17.6	21.8	17.8	18.8	23.0	17.0	16.4	14.5	12.1	12.3	13.0	96	62	80	79	8.3	2.4	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
12	16.4	23.4	19.5	19.7	24.9	16.0	14.5	13.3	14.3	14.5	14.0	95	66	86	82	8.0	6.0	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
13	17.6	24.9	19.4	20.3	26.2	16.0	15.5	13.5	11.8	15.2	13.5	90	50	90	77	6.0	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
14	18.0	24.8	19.6	20.5	25.9	17.4	16.4	13.8	13.2	14.3	13.8	90	56	84	77	8.0	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
15	18.2	24.8	18.6	20.0	25.0	17.1	16.3	15.1	10.0	13.8	13.0	96	43	86	75	8.0	6.1	0.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
16	17.4	24.2	17.6	19.2	24.5	16.5	16.0	13.9	12.7	14.9	13.8	93	56	98	82	9.7	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
17	15.6	22.4	17.0	18.0	24.0	13.5	13.0	11.3	12.7	13.7	12.6	85	62	94	80	8.3	4.5	17.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
18	17.1	23.6	19.3	19.8	24.5	16.5	14.9	14.0	13.1	14.7	13.9	96	60	88	81	8.7	5.0	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
19	17.9	24.4	17.6	18.6	25.5	16.5	15.4	14.6	13.7	14.4	14.2	95	72	95	87	9.7	1.7	9.9	0.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
20	17.2	24.4	18.6	19.7	25.3	16.0	15.2	13.2	13.7	14.4	13.8	90	60	90	80	8.7	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
21	18.0	22.2	19.1	19.6	23.3	17.0	16.1	14.6	14.1	15.5	14.7	94	70	94	86	10.0	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
22	17.6	23.0	17.6	19.0	24.0	16.0	15.1	13.5	11.7	14.4	13.2	90	55	95	80	8.0	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
23	17.0	23.9	19.1	19.8	24.0	16.3	15.5	14.0	12.4	13.2	13.2	96	56	80	77	9.3	5.2	22.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
24	18.2	24.9	18.8	20.2	25.3	16.0	15.4	13.1	13.2	14.0	13.4	84	56	86	75	7.0	8.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
25	17.8	23.9	18.3	19.6	24.9	16.4	15.3	13.7	12.2	14.9	13.6	90	55	95	80	7.0	4.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
26	17.6	24.6	17.7	19.4	25.0	16.1	14.8	13.0	11.9	14.7	13.2	86	53	96	78	8.7	4.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
27	15.8	22.2	18.1	18.6	24.0	14.8	14.0	12.8	13.4	14.7	13.6	95	66	95	85	7.3	3.2	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
28	15.5	23.0	16.0	16.9	21.0	14.9	14.1	12.5	15.0	13.1	13.5	97	86	96	93	8.7	1.8	33.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
29	16.6	23.0	17.4	18.6	23.2	14.6	13.7	13.5	10.6	11.9	12.0	95	50	80	75	7.3	3.1	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
30	16.0	19.4	16.3	17.0	20.0	15.6	14.5	13.0	13.5	13.3	13.3	95	60	96	90	10.0	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
31																																				
Med.	17.2	23.0	18.1	19.1	24.1	15.8	14.9	13.5	12.8	14.1	13.5	92	61	91	81	8.5	4.2	4.9	0.3	2.6	7.3	1.4	—	—	—	—	—	—	—	—	—	—	—	—		

Precipitación total : 218.3 mm.

DATOS DIARIOS

Estación Sevilla Mes Octubre Año 1968 $\phi = 4^{\circ} 17' N$ $\lambda = 15^{\circ} 55' W$ GR Altura 1.550 M.

Días	TEMPERATURA -C						TENSION DEL VAPOR			Humedad Relativa %			Brillo Solar			PRECIPITACION mm			EVAPORACION mm			VIENTOS													
	Med.		Máx.		Mín.		Mínima		Med.		7		14		20		7		14		20		7		14		20								
	7	14	20	Med.	Máx.	Mín.	Mínima	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA							
1	17.0	22.6	16.8	18.3	23.0	14.0	13.0	13.8	13.1	95	56	96	82	8.0	4.2	—	—	15.8	15.8	1.0	0.4	2	12	1	00	0	—	—							
2	16.8	22.0	18.4	18.9	23.4	16.0	14.9	13.8	13.0	15.0	13.9	96	66	94	85	9.3	1.4	—	—	—	—	—	1.0	12	1	08	1	00	0						
3	17.8	22.6	17.6	18.9	24.5	16.4	14.9	14.2	13.0	13.2	13.5	93	63	88	81	9.3	5.4	—	—	—	—	—	1.0	12	2	06	2	12	1						
4	17.6	23.4	18.2	19.4	24.0	15.8	14.7	14.4	11.3	14.0	13.2	95	52	90	79	10.0	6.0	—	—	—	—	—	0.2	1.2	1	12	1	12	1						
5	17.0	19.0	16.0	17.0	21.0	16.3	15.4	14.0	13.8	13.6	96	84	96	92	10.0	0.8	0.2	0.3	1.2	1.5	0.9	14	1	10	1	00	0	0	0						
6	16.2	22.0	17.6	18.4	23.6	15.7	14.1	13.3	13.6	12.9	13.3	96	75	90	87	10.0	0.3	—	0.4	—	—	—	0.4	0.6	0.0	0	0	0	0	0					
7	16.0	20.2	16.0	17.0	22.9	15.0	14.1	13.1	15.2	13.5	12.8	95	60	82	10.0	2.4	—	0.3	2.7	5.5	1.0	0.0	14	2	00	0	0	0	0	0					
8	15.4	21.4	17.6	18.0	22.0	15.0	14.2	12.6	13.3	14.4	13.4	96	70	95	87	10.0	3.0	—	—	—	—	—	2.1	20.4	1.0	12	1	06	2	12	1				
9	15.4	22.9	17.6	18.4	23.0	14.9	14.1	13.1	12.5	14.2	13.3	100	60	94	85	8.7	4.6	18.3	—	—	—	—	—	—	—	—	—	—	—	—	—				
10	17.0	22.0	17.8	18.6	23.0	15.8	14.9	13.8	13.0	14.7	13.8	95	66	96	86	10.0	3.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
11	16.0	22.9	16.6	18.0	23.5	14.9	14.1	12.8	11.6	13.6	12.7	94	55	96	82	8.0	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
12	15.0	20.0	16.6	17.0	21.0	14.0	13.6	12.8	11.5	12.5	12.3	100	66	88	85	7.3	2.0	18.3	2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
13	16.4	23.8	17.4	19.8	24.4	15.8	15.0	13.4	11.6	14.2	13.1	96	52	96	81	4.0	7.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
14	15.4	21.0	16.0	18.1	22.0	14.5	13.6	13.5	13.0	14.9	13.8	95	70	96	87	10.0	3.8	21.6	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
15	17.0	18.0	15.8	16.6	22.2	14.9	14.0	14.9	14.9	13.5	14.4	81	96	100	92	8.7	3.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
16	17.6	22.4	18.8	19.4	23.0	15.8	15.0	14.2	13.6	14.0	13.9	94	66	86	82	8.0	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
17	16.4	19.1	17.0	17.4	21.3	14.6	13.8	12.3	11.6	13.7	12.5	88	71	94	84	10.0	1.0	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
18	15.6	19.9	15.6	16.7	21.0	14.6	14.0	12.8	12.0	13.2	12.7	96	70	100	89	10.0	0.3	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	15.0	19.3	15.3	16.2	20.0	13.6	13.0	12.8	13.1	12.7	12.9	100	78	98	92	7.3	0.6	29.2	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	17.4	22.6	16.6	18.8	23.0	13.5	13.0	12.6	11.2	13.4	12.4	96	54	84	78	8.7	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	17.0	20.8	17.3	18.1	21.5	15.8	14.3	14.0	14.0	14.0	14.0	96	76	95	89	10.0	0.9	26.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	17.6	24.9	19.6	20.4	25.0	16.0	15.5	14.4	14.0	13.7	14.0	95	60	80	78	7.3	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	18.0	23.0	18.8	19.6	23.5	16.5	16.0	14.7	13.8	14.6	14.4	95	65	90	83	9.3	2.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	17.0	24.0	17.3	18.9	24.2	16.5	15.5	14.0	11.5	14.1	13.2	96	51	96	81	8.3	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	17.0	24.0	17.3	18.9	24.2	16.5	15.5	14.0	11.5	14.1	13.2	96	51	96	81	8.3	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	16.1	17.8	15.6	16.3	18.3	15.2	15.0	13.1	14.7	13.3	13.1	96	96	100	97	10.0	—	25.1	5.3	2.7	8.0	0.8	14	2	08	1	00	0	0	0	0	0	0	0	
27	16.0	20.6	17.1	17.7	24.5	13.6	13.1	13.1	13.1	13.1	13.1	96	72	90	86	8.0	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	16.0	22.4	16.0	17.6	23.0	14.5	14.0	13.7	12.1	13.7	13.2	100	60	100	87	9.3	4.3	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	15.4	20.0	18.2	17.4	21.0	14.9	14.0	13.1	14.1	13.9	13.7	100	80	94	91	10.0	0.4	16.6	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	17.2	22.8	18.6	19.3	23.3	15.7	15.1	13.2	13.8	14.4	13.8	90	66	90	82	8.7	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	15.1	21.9	17.6	18.0	23.3	14.5	14.0	12.3	11.8	14.2	12.8	96	60	94	83	6.7	3.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med	16.4	21.5	17.3	18.1	22.5	15.2	14.3	13.4	12.9	13.8	13.4	95	68	93	85	8.9	2.9	5.4	0.4	0.4	2.3	8.1	1.0	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total : 250,7 mm.

DATOS DIARIOS

Estación Sevilla Mes Noviembre Año 1968 φ 43° N λ 125° 55' W.68 Altura 1,550 M.

Main data table with columns: Días, TEMPERATURAS (7, 14, 20, Med, Máx, Mín, Mínima Suho), TENSION DEL VAPOR (7, 14, 20, Med), Humedad Relativa (7, 14, 20, Med), BRILLO SOLAR (HOURS, DECIMOS), PRECIPITACION (7, 14, 20, Total) m.m., EVAPORACION (7, 14, 20), VIENTOS (7, 14, 20) (DIRECCION, FUERZA, Km./Hora).

DATOS DIARIOS

Estación SEVILLA Mes Diciembre Año 1946 $\phi = 46^{\circ} 17' N$ $\lambda = 75^{\circ} 55' WGR$ Altura 1.550 M.

Días	TEMPERATURAS $^{\circ}C$						TENSION DEL VAPOR mm						Humedad Relativa %			Nubosidad Decimales	Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm	VIENTOS									
	7		14		20		7		14		20		7	14	20			7		14		20									
	Med.	Min.	Max.	Min.	Max.	Med.	7	14	20	Med.	7	14	20	Total	DIREC.			FUERZA	DIREC.	FUERZA		DIREC.	FUERZA								
1	17.2	20.3	16.8	17.8	21.0	15.8	14.1	13.6	13.8	96	76	95	89	8.7	0.2	—	—	—	0.5	7.8	0.8	0.0	14	1	14	1	00	0			
2	15.4	21.0	17.0	17.6	22.5	15.4	14.5	13.8	13.7	12.8	98	63	94	85	9.3	—	7.3	—	—	—	1.0	14	1	14	1	00	0				
3	16.0	21.0	17.0	17.8	21.7	15.0	13.1	13.5	13.2	13.3	96	73	91	87	6.1	2.9	—	—	—	—	16.3	1.0	12	1	04	1	00	0			
4	16.1	18.6	14.6	16.0	20.3	15.4	14.3	13.1	14.4	11.9	96	90	96	94	10.0	3.8	16.3	—	—	—	18.8	0.4	10	1	14	1	10	1			
5	14.8	21.9	17.3	17.8	22.4	14.6	13.0	12.0	11.4	13.2	95	58	90	81	8.0	6.0	1.5	—	—	—	—	1.2	00	0	16	1	00	0			
6	17.6	21.8	17.8	18.8	23.5	14.9	14.0	11.6	12.4	13.2	12.4	76	63	86	75	7.0	6.9	—	—	—	—	1.4	00	0	14	1	00	0			
7	17.0	23.9	18.6	19.5	25.0	15.8	14.5	14.0	11.2	13.8	13.1	96	82	86	78	6.0	7.0	—	—	—	—	2.0	14	1	12	2	12	2			
8	18.0	23.9	18.7	19.8	25.3	15.9	15.0	13.8	12.2	15.0	13.7	90	56	93	80	8.0	3.7	—	—	—	—	1.0	00	0	00	0	00	0			
9	17.0	22.9	19.6	19.8	24.9	15.9	14.5	14.0	13.0	14.6	13.9	96	63	86	82	8.0	6.3	—	—	—	—	1.6	12	1	12	1	12	2			
10	18.2	22.6	17.4	18.9	23.8	16.9	15.5	14.0	12.3	14.2	13.5	94	60	96	83	8.0	2.2	—	—	—	—	0.9	1.6	18.7	1.2	00	0	14	1	12	2
11	15.0	23.3	18.8	19.0	24.0	14.9	13.5	12.3	11.8	15.7	13.3	96	56	96	83	10.0	5.3	16.2	—	—	—	0.6	1.4	12	1	12	2	00	0		
12	18.0	23.4	19.4	20.0	24.2	16.8	15.0	14.9	10.8	14.3	13.3	96	50	85	77	10.0	5.2	0.6	—	—	—	—	1.2	12	1	12	2	12	1		
13	17.8	24.2	19.2	20.1	25.0	16.1	14.9	14.2	13.2	14.0	13.8	93	58	84	78	8.0	6.1	—	—	—	—	—	2.8	12	1	12	2	10	2		
14	18.0	24.0	17.8	19.4	24.6	17.0	16.0	14.8	14.1	14.2	14.4	94	63	93	83	8.7	4.3	—	—	—	—	—	1.1	12	1	12	1	10	2		
15	17.0	22.9	19.4	19.7	25.0	16.8	16.0	14.0	13.8	15.2	14.3	96	66	90	84	6.3	5.0	—	—	—	—	—	1.2	12	1	00	0	10	1		
16	17.2	24.9	18.6	19.7	26.4	16.5	15.3	14.1	10.5	14.4	13.0	96	46	90	77	6.7	6.4	—	—	—	—	—	1.6	00	0	00	0	12	2		
17	18.4	24.9	19.0	20.3	26.4	16.6	15.3	14.6	13.2	14.9	14.2	93	56	91	80	8.0	6.5	—	—	—	—	—	1.4	00	0	04	1	00	0		
18	18.0	24.9	19.1	20.3	25.9	17.1	15.5	14.6	12.7	14.9	14.1	94	54	91	80	7.0	5.1	—	—	—	—	—	1.8	12	1	14	1	12	1		
19	18.4	24.9	18.0	19.8	25.9	17.8	16.6	15.3	12.3	14.9	14.2	96	52	96	81	8.7	5.3	—	—	—	—	—	0.2	0.2	1.2	02	1	06	1	12	2
20	17.7	24.9	18.4	19.8	25.8	16.4	15.3	13.9	13.2	14.6	13.9	94	56	93	81	8.7	7.6	—	—	—	—	—	5.3	5.4	1.4	12	1	06	1	06	2
21	18.0	24.0	18.6	19.8	24.5	16.6	15.5	14.5	12.4	13.4	13.4	93	55	84	77	8.0	3.9	0.1	—	—	—	—	1.1	1.7	0.8	12	1	06	1	00	0
22	17.6	23.0	18.6	19.4	24.0	17.4	16.5	15.2	12.6	15.5	14.4	100	96	85	8.0	5.3	0.6	0.8	—	—	—	—	46.8	1.0	10	1	00	0	00	0	
23	17.0	22.8	18.0	19.0	23.0	16.5	16.0	14.0	14.3	14.6	14.6	96	68	100	88	8.3	4.8	26.0	0.1	—	—	—	1.0	1.0	12	1	06	1	12	1	
24	16.4	24.0	18.0	18.6	23.5	15.9	15.1	13.2	11.8	14.5	13.2	94	60	93	82	10.0	3.0	0.9	—	—	—	—	—	—	1.4	12	1	16	1	00	0
25	17.0	24.1	18.0	19.3	23.3	16.7	15.5	13.8	12.4	13.1	13.1	95	56	85	79	4.0	7.2	—	—	—	—	—	—	—	2.0	10	1	16	1	12	2
26	18.0	24.8	19.0	20.8	25.3	15.9	14.3	13.8	13.2	14.1	13.7	90	56	86	77	6.7	7.0	—	—	—	—	—	—	—	1.4	12	1	12	1	12	2
27	17.8	24.8	18.7	20.0	25.3	15.8	14.5	13.9	14.0	14.6	14.1	92	60	90	81	8.7	8.8	—	—	—	—	—	—	—	1.4	04	1	04	1	12	1
28	17.9	22.4	17.4	18.8	23.5	17.7	16.4	14.6	12.6	14.2	13.9	95	64	96	85	7.3	7.5	—	—	—	—	—	—	—	0.8	12	1	08	1	12	1
29	17.3	23.4	18.8	19.6	24.9	14.9	14.0	14.1	12.4	15.0	13.8	96	58	93	82	7.3	7.0	—	—	—	—	—	—	—	2.4	12	1	08	1	00	0
30	17.0	23.8	19.0	19.6	25.3	15.8	15.0	12.5	11.9	14.8	13.1	86	54	90	77	3.0	7.9	—	—	—	—	—	—	—	1.4	12	2	14	1	12	2
31	17.2	24.4	19.6	20.2	26.3	16.8	15.9	13.7	11.1	13.7	12.8	93	51	80	75	6.7	6.9	—	—	—	—	—	—	—	1.8	12	1	16	1	12	2
Med.	17.8	23.8	18.3	19.2	24.3	16.2	15.0	13.8	12.6	14.3	13.6	94	60	91	81	7.7	5.3	2.2	0.1	1.4	3.7	1.4	—	—	—	—	—	—	—	—	—

Precipitación total 114.8 mm.

RESUMEN MENSUAL Y ANUAL

ESTACION: S. O. V. I. I. A.

AÑO: 1.968

M E S	PRESION ATMOSFERICA SOBRE 600 MM. HG.			TEMPERATURA			TEMPERATURAS EXTREMAS			HUMEDAD RELATIVA %			TENSION DEL VAPOR DEL VAPOR			PRECIPITACION												
	MAXIMA	MINIMA	DIA	MAXIMA	MINIMA	DIA	MAXIMA	MINIMA	DIA	MAXIMA	MINIMA	DIA	MAXIMA	MINIMA	DIA	7	14	20	SUMA	DIAS LLUVIOSOS	MAXIMA							
ENERO				24.6	15.6	27.0	10	12.8	26	14.4	92	56	80	76	42	15.0	9.9	12.7	7.0	4.9	1.5	30.5	16.3	9.5	56.9	10	22.0	23
FEBRERO				23.4	15.3	26.5	V	13.6	2	14.4	93	59	81	78	46	15.8	9.6	12.8	8.6	3.4	1.5	59.6	26.9	32.6	124.1	15	37.6	22
MARZO				23.6	15.8	26.0	V	14.1	5	14.8	92	55	79	75	45	15.3	9.2	12.2	8.8	3.4	1.5	45.7	4.1	52.8	97.0	18	27.0	16
ABRIL				24.0	16.3	27.4	5	14.5	16	15.2	96	70	90	85	58	16.4	10.8	14.2	8.5	3.6	1.3	263.0	19.0	86.8	366.6	26	79.9	10
MAYO				23.6	16.0	26.0	28	13.5	27	14.8	96	69	91	85	54	16.6	11.0	14.1	8.7	4.0	1.2	21.9	24.8	48.6	103.6	21	24.7	6
JUNO				22.5	15.4	25.4	8	13.4	6	14.5	94	70	91	85	40	15.3	8.3	13.4	8.4	3.8	1.1	45.4	28.9	32.2	117.7	20	22.9	5
JULIO				23.9	15.9	25.5	V	14.5	18	14.9	93	59	83	78	35	14.9	8.4	13.0	8.1	5.3	1.7	66.2	25.0	5.9	79.6	13	42.3	1
AGOSTO				24.4	15.8	26.5	V	14.5	V	14.7	94	56	85	78	45	15.5	10.3	13.2	8.4	5.0	1.7	29.2	11.3	65.9	120.4	13	37.6	31
SEPTIEMBRE				24.1	15.8	26.2	13	13.5	V	14.9	92	61	91	81	43	15.7	10.0	13.5	8.5	4.2	1.4	147.1	8.4	76.8	218.3	23	33.7	27
OCTUBRE				22.5	15.2	25.0	23	13.5	21	14.3	95	68	93	85	51	15.2	11.3	13.4	8.9	2.9	1.0	166.3	11.7	72.7	290.7	23	45.7	14
NOVIEMBRE				23.1	15.4	25.0	V	13.4	10	14.6	93	66	93	84	46	15.7	10.5	13.4	8.3	3.9	1.2	83.5	22.2	44.5	150.2	19	21.1	26
DIEMBRE				24.3	16.2	26.4	V	14.6	5	15.0	94	60	91	81	46	15.7	10.5	13.6	7.7	5.3	1.4	69.5	1.8	43.5	114.8	11	26.8	22
MEDIA ANUAL				23.7	15.7	26.1	--	13.8	--	14.7	94	62	87	81	46	15.6	10.0	13.3	8.3	4.0	1.4	85.8	16.7	47.7	150.2	212	33.4	-

PRECIPITACION TOTAL: 1.862.1

PRECIPITACION MAXIMA: 79.9 - IV - 10

DIAS LLUVIOSOS: 212

AÑO: 1-968

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

ESTACION: Sevilla

MESES	PRECIPITACION												TEMPERATURA						
	7 HORAS			14 HORAS			20 HORAS			TOTAL			Mínimo	Mínimo	Máximo	Máximo			
	Més de:			Més de:			Més de:			Més de:			Abajo de	Abajo de	Arriba de	Arriba de			
	0-10	10-200	200-500	0-10	10-100	100-500	0-10	10-100	100-500	0-10	10-25	25-50	50-100	100-200	200-500	15 °C	17 °C	22 °C	26 °C
ENERO	5	4	1	1	4	3	1	-	-	6	2	5	5	2	1	9	2	1	3
FEBRERO	10	8	2	1	7	4	1	-	-	6	3	2	8	7	4	16	-	7	3
MARZO	10	8	2	1	7	4	1	-	-	10	4	3	6	5	2	18	2	7	2
ABRIL	17	13	6	6	13	6	1	-	-	18	7	4	11	9	7	3	7	1	3
MAYO	8	4	1	-	10	5	-	-	-	16	7	2	11	6	4	4	3	3	1
JUNIO	12	8	1	-	14	7	1	-	-	14	8	-	14	9	3	1	9	1	11
JULIO	10	8	3	1	6	4	1	-	-	8	2	-	8	6	4	5	2	3	-
AGOSTO	6	4	2	-	8	4	-	-	-	11	4	2	8	6	4	6	4	4	8
SEPTBRE.	14	12	5	3	7	2	-	-	-	15	11	3	15	12	6	8	5	4	1
OCTUBRE	11	10	7	4	8	4	-	-	-	14	12	2	11	8	7	17	-	12	-
NOVIEMBRE	14	11	3	1	6	4	-	-	-	12	7	-	13	11	7	10	-	11	-
NOVIEMBRE	9	5	3	1	3	-	-	-	-	7	5	2	7	4	2	5	5	3	3
SUMA ANUAL	126	106	36	18	93	45	4	-	-	137	72	20	6	32	2	100	31	67	24

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	PRECIPITACION MAS DE 0.1 MM.																								TOTAL
	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	
ENERO	1	1	1	2	3	2	3	2	-	1	2	2	3	3	2	2	1	1	3	3	2	-	1	1	11
FEBRERO	1	4	6	5	5	4	3	4	1	2	3	2	4	2	3	1	1	3	1	2	1	2	-	4	15
MARZO	4	6	7	5	6	6	4	3	1	-	2	3	1	-	1	3	8	3	2	1	1	2	2	2	20
ABRIL	6	8	8	8	10	9	10	6	2	3	2	3	5	4	4	5	6	8	9	8	4	4	3	3	24
MAYO	1	1	2	2	2	3	4	5	2	2	3	3	6	5	3	3	6	6	6	5	3	1	1	1	20
JUNIO	5	5	2	4	5	3	5	6	2	3	3	2	5	9	5	5	4	7	6	5	4	4	3	3	23
JULIO	-	2	5	5	5	6	5	3	3	4	1	3	2	1	1	-	1	5	-	1	2	2	1	1	13
AGOSTO	4	2	1	3	3	4	4	4	1	2	1	2	1	4	2	2	4	3	1	3	3	1	1	1	13
SEPTBRE.	5	7	5	4	2	3	-	-	-	-	1	3	4	4	4	5	5	6	8	7	6	5	6	5	26
OCTUBRE	6	7	6	6	9	8	6	5	4	2	-	2	3	2	3	6	5	10	8	5	3	5	5	6	23
NOVIEMBRE	6	7	6	5	5	4	4	4	2	-	1	3	1	3	5	7	3	3	4	5	7	7	6	5	18
NOVIEMBRE	3	2	3	2	2	2	1	-	-	1	1	1	-	-	-	1	4	2	1	4	6	4	3	2	12
SUMA ANUAL	42	52	52	51	57	52	50	39	18	18	19	27	32	39	32	41	48	54	48	47	44	39	36	34	218

FRECUENCIAS DE: NUBOSIDAD - BRILLO SOLAR - VIENTOS

AÑO: 1968

ESTACION: Sevilla

MESES	NUBOSIDAD en DECIMOS		BRILLO SOLAR HORAS		Número de días con: VIENTOS																										
	Mts de 30		Mts de 90		7 HORAS						14 HORAS						20 HORAS														
	N	E	S	W	N	W	N	E	S	W	N	E	S	W	N	E	S	W	N	W	N	W	C								
ENERO	2	13	-	-	-	3	1	17	1	9	4	3	-	1	6	3	3	2	9	-	-	-	-	1	2	12	-	15			
FEBRERO	-	24	3	-	-	2	5	16	3	3	6	1	-	1	5	2	5	1	6	-	-	-	-	-	-	3	12	1	13		
MARZO	-	27	3	-	-	-	7	16	1	7	3	5	-	1	3	5	5	1	8	-	-	-	-	-	-	1	2	14	-	14	
ABRIL	1	24	5	1	1	-	2	5	11	4	6	4	-	1	-	2	1	8	5	9	-	-	-	-	1	1	4	13	1	10	
MAYO	-	25	2	-	1	-	6	-	1	3	11	4	5	4	1	2	-	3	5	8	3	5	1	1	1	1	-	6	8	3	10
JUNIO	-	22	4	-	1	-	-	3	10	1	15	1	1	2	1	3	2	4	6	10	1	2	-	-	-	2	10	3	12	-	13
JULIO	2	21	2	4	1	-	-	1	3	9	4	13	1	2	1	3	3	8	3	6	3	2	1	-	-	-	3	9	-	15	
AGOSTO	2	24	2	3	-	-	-	2	1	12	5	11	3	2	1	-	2	2	7	6	9	-	-	-	-	-	1	15	-	15	
SEPTIEMBRE	-	24	2	-	-	1	-	1	4	16	2	6	2	2	1	2	4	3	10	3	3	-	-	-	-	-	2	10	2	15	
OCTUBRE	-	26	9	-	-	1	1	-	3	13	4	9	3	4	-	7	4	2	4	2	5	2	1	1	-	1	2	10	-	14	
NOVIEMBRE	-	24	4	-	-	-	2	3	13	8	4	1	3	1	3	-	2	5	2	13	-	-	-	-	-	-	3	12	-	14	
DICIEMBRE	1	19	2	-	-	1	1	-	-	3	17	2	7	4	1	3	4	1	-	8	6	4	-	-	-	1	-	3	15	-	12
SUMA ANUAL	8	273	41	9	4	4	8	-	14	46	161	39	95	38	28	12	21	36	36	75	40	86	8	7	4	3	4	33	160	10	157

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	9	5	5	1	2	2	10	11	-	-	-	30	9	3	3	6	4	3	3	3	5	10	31
FEBRERO	-	1	2	5	2	-	4	6	2	7	-	-	28	14	11	11	10	9	9	7	3	10	13	29
MARZO	-	-	4	2	1	1	1	8	5	-	1	-	25	17	9	11	8	11	7	6	7	11	16	27
ABRIL	-	3	3	3	2	3	1	2	5	3	-	-	24	19	11	12	11	12	11	10	7	8	9	21
MAYO	-	2	4	2	4	2	3	4	7	4	2	-	22	16	11	9	9	8	9	4	5	5	11	19
JUNIO	-	1	4	2	2	3	1	4	3	6	2	-	23	16	11	11	8	8	7	8	7	10	7	20
JULIO	-	3	4	6	1	3	6	6	7	9	12	-	14	12	9	8	6	4	5	4	1	3	5	14
AGOSTO	-	6	7	7	6	3	5	6	6	7	8	-	18	11	8	7	8	8	7	3	5	9	19	24
SEPTIEMBRE	-	5	4	3	5	1	1	2	3	3	3	-	23	13	11	9	11	11	6	5	5	9	14	24
OCTUBRE	-	2	1	2	3	-	1	3	3	2	-	-	28	18	12	13	12	13	13	10	11	12	15	29
NOVIEMBRE	-	1	3	5	2	3	7	5	5	7	1	-	26	15	8	8	12	9	5	5	6	10	13	27
DICIEMBRE	-	6	10	7	4	2	1	6	7	12	-	-	20	11	10	5	3	4	3	2	3	3	7	31
SUMA ANUAL	-	33	55	49	37	22	33	48	63	73	32	-	281	172	114	109	104	98	85	68	62	92	131	291

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: S e v i l l e

Año 1.968

MESES	TOTAL		No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA				DURACION MAXIMA						
	m. m.	Días	Día	Noche	Total	Noche	Día	Noche	Total	m. m.	Durec.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	ht. mín.	m. m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)	
Enero	56.9	10	12	9	21	25.7	31.2	10:35'	11:55'	22:30'	10.7	3:05'	0.06	1.5	0.3	3:05'	10.7	0.06	1.5	0.3
Febrero	124.1	15	17	21	38	61.2	62.9	16:45'	24:55'	41:40'	26.3	3:30'	0.12	3.1	0.6	5:50'	25.3	0.07	4.5	0.9
Marzo	97.0	18	20	16	36	59.6	37.4	15:15'	22:55'	38:10'	24.9	5:40'	0.07	1.8	0.4	5:40'	24.9	0.07	1.8	0.4
Abril	368.8	26	38	28	66	92.4	276.4	32:00'	58:10'	90:10'	76.6	7:50'	0.16	7.0	1.4	10:25'	9.7	0.02	0.5	0.1
Mayo	103.6	21	34	13	47	71.9	31.7	29:55'	13:15'	43:10'	18.8	1:55'	0.16	5.0	1.0	5:20'	7.0	0.02	0.5	0.1
Junio	117.7	20	35	22	57	62.3	55.4	33:40'	28:50'	62:30'	19.5	4:00'	0.08	6.5	1.3	8:35'	12.2	0.02	0.5	0.1
Julio	79.6	13	18	17	35	35.1	44.5	16:40'	15:50'	32:30'	16.0	2:50'	0.09	3.0	0.6	4:40'	9.5	0.03	0.6	0.1
Agosto	120.4	13	17	19	36	71.5	48.9	10:20'	22:30'	32:50'	28.1	1:10'	0.40	6.0	1.2	6:50'	14.1	0.03	3.0	0.6
Septie.	218.3	23	24	21	45	84.0	134.3	19:00'	38:05'	57:05'	33.7	7:30'	0.07	6.5	1.3	7:30'	33.7	0.07	6.5	1.3
Octie.	250.7	23	28	27	55	108.0	142.7	37:50'	44:25'	82:15'	30.3	7:10'	0.07	3.0	0.6	7:30'	19.5	0.04	0.8	0.2
Novie.	150.2	19	19	29	48	60.9	89.3	22:45'	42:25'	65:10'	20.9	6:10'	0.06	3.5	0.7	6:40'	13.1	0.03	2.0	0.4
Dicie.	114.8	11	10	13	23	46.5	68.3	11:40'	16:15'	27:55'	20.1	3:50'	0.09	2.0	0.4	3:50'	20.1	0.09	2.0	0.4
TOTALES	1802.1	212	272	235	507	779.1	1023.0	256:25'	339:30'	595:55'	325.9	54:40'	XX	XX	XX	75:55'	199.8	XX	XX	XX

DATOS DIARIOS

Estación Alcalá Mes Enero Año 1968 ϕ 40° 31' N λ 74° 53' WGR Altura 1.320 M.

Días	TEMPERATURA						TENSION DEL VAPOR						Humedad Relativa %			NEBOSIDAD Horas			PRECIPITACION m m						VIENTOS					
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20	
	Med.	Máx.	Min.	Minima Suabe	Med.	Máx.	Min.	Med.	Máx.	Min.	Med.	Máx.	Min.	Med.	Máx.	Min.	Med.	Máx.	Min.	Med.	Máx.	Min.	Med.	Máx.	Min.	DIREC. CIEN	FUERZA Km/Hora	DIREC. CIEN	FUERZA Km/Hora	
1	17.0	27.3	19.0	20.6	29.0	15.9	15.0	14.1	10.8	13.7	12.9	97	38	83	73	3.0	9.4													
2	15.0	27.2	20.2	20.6	28.9	13.5	12.5	12.3	13.0	14.3	12.1	96	40	80	72	6.3	8.2													
3	14.0	27.6	19.4	20.1	28.9	12.5	11.7	11.6	8.4	14.0	11.3	97	30	83	70	4.0	8.7													
4	14.2	28.9	21.4	21.5	29.3	13.0	12.5	11.5	12.1	14.4	12.7	95	40	75	70	7.1	8.5													
5	15.3	27.2	19.0	20.1	28.9	14.5	14.0	12.4	11.3	14.8	12.8	96	41	90	76	3.7	5.8													
6	15.4	26.4	20.4	20.6	29.6	14.5	14.0	12.5	10.2	15.3	12.7	95	40	85	73	7.0	7.3													
7	16.0	28.2	19.6	21.0	30.3	15.8	15.0	13.7	12.4	14.5	13.5	100	43	84	76	8.3	5.6													
8	17.6	25.6	18.0	19.8	26.6	16.0	15.3	14.5	11.8	14.0	13.4	96	48	91	78	9.0	1.8													
9	14.8	26.6	19.3	20.0	29.0	13.4	12.5	12.6	11.9	13.8	12.8	100	45	83	76	9.0	6.5													
10	15.0	27.0	18.0	19.5	29.0	14.3	13.6	12.4	13.0	14.0	13.1	97	48	91	79	8.3	5.4													
11	15.2	27.2	19.0	20.1	28.6	14.3	13.4	12.4	11.0	15.2	12.9	96	40	93	76	8.3	5.4													
12	16.0	25.0	17.6	19.0	26.3	15.4	14.3	13.1	11.9	15.1	13.4	96	50	100	82	8.1	2.1													
13	15.4	24.0	19.0	19.4	26.6	14.0	13.3	13.1	11.2	14.5	12.7	100	90	88	79	9.3	2.1													
14	15.0	25.2	18.8	19.4	26.2	14.4	13.4	12.8	11.6	15.8	13.4	100	48	97	82	9.0	4.0													
15	16.6	27.0	20.9	21.4	28.0	15.4	14.3	13.6	11.4	15.8	13.6	96	42	86	75	9.0	5.0													
16	16.0	28.6	21.2	21.8	29.9	15.5	13.0	11.9	15.9	13.6		95	40	85	73	8.3	6.7													
17	15.6	28.0	21.3	21.6	30.3	14.7	14.0	13.0	12.8	16.9	14.2	98	45	90	78	6.7	7.7													
18	16.0	25.4	20.6	20.6	29.1	15.3	14.0	13.7	13.6	15.8	14.4	100	56	88	81	8.0	4.3													
19	17.0	28.1	21.9	22.2	29.9	16.1	15.1	14.0	11.5	16.6	14.0	96	40	84	73	7.0	2.9													
20	17.0	29.0	21.8	22.4	30.8	16.1	15.0	14.2	12.1	15.6	14.0	98	40	80	73	7.0	5.9													
21	17.1	28.2	22.2	22.4	28.5	16.6	15.5	14.1	14.0	15.9	14.7	96	48	78	74	9.1	1.6													
22	17.6	26.2	18.0	20.0	28.1	17.0	15.7	15.2	12.8	15.2	14.4	100	90	98	83	8.7	3.0													
23	17.0	25.8	18.8	20.1	26.4	16.2	15.4	14.6	14.1	15.5	14.7	100	57	95	84	9.7	0.8													
24	17.0	25.1	18.8	19.9	25.4	16.8	16.0	14.6	14.4	15.5	14.8	100	60	95	85	10.0	2.2													
25	17.8	20.2	17.6	18.3	21.0	16.7	16.0	15.4	14.6	15.2	15.1	100	82	100	94	10.0														
26	15.1	24.8	18.8	19.4	26.3	14.8	14.2	13.0	12.0	14.7	13.2	100	51	91	81	7.1	6.5													
27	13.1	27.2	21.9	21.0	29.0	12.6	12.0	11.3	12.3	15.6	13.1	100	45	80	75	7.1	8.6													
28	14.0	26.2	21.9	21.0	28.6	13.6	13.8	11.5	13.1	16.6	13.1	96	43	85	75	7.3	6.2													
29	17.6	26.8	20.0	21.1	28.1	15.0	14.1	14.5	13.2	15.3	14.3	96	50	88	78	9.3	5.4													
30	16.8	28.9	19.4	21.1	29.5	15.4	14.3	14.1	12.7	13.7	13.5	98	42	81	74	4.0	5.8													
31	16.8	26.8	20.6	21.2	27.4	15.5	15.0	13.6	12.3	15.2	13.7	95	46	84	75	9.3	4.1													
Med	15.9	26.6	19.8	20.5	28.2	15.0	14.1	13.3	12.1	15.1	13.5	98	46	87	77	7.7	5.1													

Precipitación total : 29.5 m.m.

DATOS DIARIOS

Estación A1016

Mes Febrero

Año 1968

φ = 4° 31' N λ = 74° 53' W.G.R.

Altura 1,320 M.

Días	TEMPERATURAS °C						TENSION DEL VAPOR m m						Humedad Relativa %			HUBOSIAS	Pillio Solar Horas	PRECIPITACION m m			EVAPORACION m m	VIENTOS					
	7		14		20		7		14		20		7		14			20		7		14		20			
	Med.	Máx.	Mín.	Mínima Suabo	Med.	Máx.	Mín.	Med.	Máx.	Mín.	Med.	Máx.	Mín.	Med.	Máx.			Mín.	Med.	Máx.		Mín.	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA
1	17.0	24.3	19.0	19.8	25.2	16.0	15.4	14.6	10.4	16.2	13.7	100	46	98	81	9-7	3.0	0.4									
2	16.4	24.2	18.8	19.6	25.0	15.6	15.0	14.1	14.4	14.5	14.3	100	64	95	86	10.0	3.5	22.8	1.1	0.3	3.5	1.2					
3	16.4	22.4	18.8	19.1	24.5	15.8	15.1	14.0	14.9	14.7	14.5	100	73	91	88	10.0	1.4	2.1	0.4	6.9	17.1	0.4					
4	17.5	24.8	19.6	20.4	25.5	16.8	16.0	14.3	15.4	15.4	15.0	95	66	90	84	9.3	2.0	9.8	1.9		1.9	0.8					
5	17.0	24.9	19.0	20.0	25.3	16.7	16.0	13.8	12.6	14.8	13.7	95	53	90	79	10.0	1.2										
6	16.3	26.3	20.0	20.6	27.0	15.5	14.6	13.4	11.8	14.3	13.1	97	46	80	74	9.0	2.9										
7	15.2	28.2	19.4	20.6	28.4	14.1	13.4	13.0	13.0	15.2	13.7	100	45	90	78	9.3	4.7										
8	15.1	28.0	21.0	21.3	29.0	14.4	13.7	12.7	13.2	14.9	13.6	98	46	80	75	8.0	3.5										
9	16.0	26.8	21.2	21.3	28.3	14.7	14.0	13.4	13.2	15.1	13.9	98	48	80	75	9.0	3.9										
10	17.4	26.0	20.8	21.2	26.8	17.0	16.0	14.0	13.9	16.4	14.8	94	55	90	80	9.3	2.7										
11	17.0	27.8	22.2	22.3	29.0	16.6	15.4	14.6	12.5	15.9	14.3	100	45	80	75	8.7	3.6										
12	17.2	28.2	19.6	21.2	28.6	16.0	15.5	14.4	11.5	15.4	13.8	98	40	90	76	8.7	3.3										
13	17.0	26.0	19.0	20.2	27.2	16.4	15.4	14.6	14.9	13.2	14.2	100	60	80	80	8.0	3.2										
14	15.1	28.4	21.4	21.6	30.0	14.7	14.0	12.4	12.9	15.3	13.5	96	44	80	73	6.7	4.9	1.4									
15	16.0	28.0	22.0	22.0	30.0	15.4	14.6	13.1	12.8	15.8	13.9	96	45	80	74	8.0	4.7										
16	17.8	28.6	22.3	22.8	29.9	16.7	16.0	14.7	13.6	17.2	15.2	96	46	85	76	8.3	1.7										
17	16.9	26.8	21.6	21.7	27.4	16.1	15.5	14.4	14.8	15.7	15.0	100	56	85	80	8.0	0.7										
18	17.4	28.6	22.2	22.6	30.0	16.6	16.0	14.6	11.9	14.7	13.7	98	40	73	70	10.0	2.4										
19	18.0	18.2	16.0	17.0	26.6	17.4	16.3	15.2	15.1	13.1	14.5	98	96	97	7.0	7.0	3.0	4.5	19.8	12.7	32.5	1.0					
20	15.1	23.4	19.8	19.5	26.2	14.0	13.5	12.7	14.0	15.6	14.1	98	65	90	84	6.3	2.5										
21	16.8	27.6	19.8	21.0	28.8	16.3	15.2	14.1	14.4	16.4	14.3	97	45	95	79	9.0	4.7	1.7									
22	18.0	23.0	18.6	19.6	24.4	17.3	16.5	14.7	12.6	15.3	14.2	95	60	95	81	10.0	0.3										
23	17.2	26.4	19.8	20.8	27.9	16.8	16.0	14.0	11.3	13.9	13.1	95	43	80	73	9.3	2.9										
24	14.0	26.8	19.8	20.1	28.0	13.0	12.1	11.7	13.2	15.6	13.5	98	48	90	79	6.0	4.5	0.1									
25	16.3	28.1	20.4	21.3	28.9	15.0	14.2	13.3	11.5	16.6	13.8	96	40	93	76	7.0	2.6										
26	16.3	27.6	21.6	21.8	29.0	15.8	15.0	13.1	12.4	16.2	13.9	95	45	84	75	8.3	3.9										
27	18.4	26.0	17.0	19.6	27.5	17.5	17.0	15.0	13.9	14.6	14.5	94	55	100	83	9.0	1.9										
28	15.8	26.6	21.0	21.1	27.0	15.0	14.1	13.4	14.4	16.7	14.8	100	50	90	82	10.0	1.0										
29	16.6	24.0	18.8	19.6	24.9	16.2	15.4	13.9	14.3	15.7	14.6	98	64	96	86	8.3	0.4	15.6									
30																											
31																											
Med.	16.6	26.1	20.0	20.7	27.5	15.8	15.1	13.8	13.2	15.3	14.1	97	53	88	79	8.7	2.7	2.0	0.8	1.8	4.6	1.6					

Precipitación total 134.7 mm.

DATOS DIARIOS

Altura 1,320 M.

λ = 745 53' W.GR

φ = 45 31' N

AÑO 19 68

Mes N.º 6

Estación A. L. O. A. I. A.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa						Brillo Solar			PRECIPITACION			EVAPORACION			VIENTOS		
	Med.		Máx.		Mín.		Med.		Máx.		Mín.		Med.		Máx.		Mín.		#SUBSIDIOS DECIMOS			mm			mm			Km./Hora		
	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20
	Med.		Máx.		Mín.		Med.		Máx.		Mín.		Med.		Máx.		Mín.		Horas			Total			DIREC.					
1	17.4	26.6	20.4	21.2	27.3	17.0	16.1	15.0	12.8	15.0	14.6	100	48	90	79	7.7	1.8	0.8	0.3	—	2.5	2.0	—	—	—	—	—	—	—	
2	18.0	26.0	18.0	20.0	27.9	17.5	17.0	14.7	12.7	14.9	14.1	95	50	96	80	9.0	1.8	2.2	—	—	0.6	0.6	2.0	—	—	—	—	—	—	
3	17.0	23.4	19.8	20.0	25.8	16.6	15.4	14.0	13.6	14.6	14.7	96	64	95	85	8.3	1.1	—	—	—	—	—	—	—	—	—	—	—	—	
4	18.0	26.0	20.6	21.3	27.3	16.8	16.0	14.9	12.9	16.2	14.7	96	51	90	79	9.0	1.0	—	—	—	—	—	—	—	—	—	—	—	—	
5	15.0	27.4	21.4	21.4	29.9	14.0	13.1	12.1	11.1	14.6	12.6	95	40	76	70	6.0	4.2	—	—	—	—	—	—	—	—	—	—	—	—	
6	16.0	27.4	21.3	21.5	29.4	14.5	13.5	13.1	12.4	14.4	13.3	96	45	76	72	6.7	2.2	—	—	—	—	—	—	—	—	—	—	—	—	
7	16.6	26.0	20.0	20.6	26.9	15.8	16.3	13.6	13.9	14.7	14.1	96	55	84	78	8.3	1.5	—	—	—	—	—	—	—	—	—	—	—	—	
8	17.0	26.2	18.4	20.0	27.5	16.4	15.5	14.0	11.5	14.6	13.4	96	45	93	78	9.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	17.6	24.6	18.8	20.0	27.0	17.4	15.5	14.4	12.1	14.7	13.7	95	52	91	79	9.1	0.5	—	—	—	—	—	—	—	—	—	—	—	—	
10	17.4	26.0	20.0	20.8	26.9	17.0	16.5	14.6	14.1	14.9	14.5	98	56	85	80	9.0	0.2	13.3	—	—	—	—	—	—	—	—	—	—	—	
11	16.8	25.9	17.6	19.5	26.0	16.3	15.5	13.9	12.5	13.6	13.3	97	50	91	79	8.3	0.8	27.1	—	—	—	—	—	—	—	—	—	—	—	
12	16.0	25.8	19.6	20.2	26.5	15.7	15.0	13.4	12.5	16.0	14.0	98	50	94	81	6.0	0.9	0.2	—	—	—	—	—	—	—	—	—	—	—	
13	15.4	27.9	20.2	20.9	29.0	14.5	14.0	12.5	12.0	15.5	13.3	95	43	88	75	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	17.8	26.9	17.4	19.9	28.3	16.3	15.5	14.6	12.3	14.2	13.7	95	46	95	79	9.7	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	17.0	26.0	19.2	20.4	27.9	16.5	16.0	14.2	12.7	15.1	14.1	98	50	92	80	0.0	2.0	2.4	—	—	—	—	—	—	—	—	—	—	—	
16	17.0	24.1	17.8	19.2	25.9	16.5	16.0	14.0	13.5	14.6	14.0	96	60	95	84	9.7	0.3	3.1	—	—	—	—	—	—	—	—	—	—	—	
17	17.1	22.0	18.8	19.2	26.9	16.5	16.0	14.2	12.8	15.0	14.0	98	65	93	85	10.0	0.5	0.4	0.6	—	—	—	—	—	—	—	—	—	—	
18	17.0	25.0	18.8	19.9	26.7	16.1	15.5	14.0	14.2	15.4	14.5	96	60	94	83	8.7	2.3	0.7	0.2	7.2	10.3	0.8	1.2	—	—	—	—	—	—	
19	16.4	26.4	19.8	20.6	27.0	16.0	15.0	13.4	13.7	15.9	14.3	96	53	92	80	8.3	5.8	2.9	—	—	—	—	—	—	—	—	—	—	—	
20	17.6	26.4	20.6	21.3	27.1	17.1	16.5	14.5	12.4	16.5	14.5	97	48	91	78	7.3	1.3	0.1	—	—	—	—	—	—	—	—	—	—	—	
21	18.0	27.2	21.6	22.1	28.9	17.0	16.0	15.0	13.3	15.4	14.6	97	48	80	75	6.7	1.2	—	—	—	—	—	—	—	—	—	—	—	—	
22	17.4	25.9	20.6	21.1	28.0	16.5	15.5	14.2	14.9	16.9	15.3	95	60	93	83	6.0	1.1	—	—	—	—	—	—	—	—	—	—	—	—	
23	16.0	26.6	21.9	21.6	29.0	15.5	14.5	13.4	12.8	16.4	14.2	96	48	83	76	7.3	1.4	—	—	—	—	—	—	—	—	—	—	—	—	
24	18.0	26.4	18.4	19.3	23.0	17.4	16.5	14.9	15.4	15.1	15.1	96	76	95	89	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	16.2	26.0	20.0	20.6	28.3	15.5	14.5	13.5	11.6	15.9	13.7	98	46	91	78	7.3	4.5	—	—	—	—	—	—	—	—	—	—	—	—	
26	17.4	27.0	20.2	21.7	29.5	15.4	14.7	14.1	13.4	16.4	14.6	96	44	93	78	6.3	4.0	0.1	—	—	—	—	—	—	—	—	—	—	—	
27	16.4	27.4	20.3	21.1	28.0	15.7	15.0	13.4	12.7	16.1	14.1	96	46	91	78	6.7	3.6	—	—	—	—	—	—	—	—	—	—	—	—	
28	17.3	26.6	21.4	21.7	27.0	16.2	15.5	14.1	13.8	16.5	14.8	96	53	87	79	8.7	1.4	—	—	—	—	—	—	—	—	—	—	—	—	
29	18.0	27.0	18.0	20.2	28.0	17.7	16.5	14.9	13.4	14.9	14.2	96	50	96	81	8.7	1.4	—	—	—	—	—	—	—	—	—	—	—	—	
30	15.8	27.6	20.6	21.2	28.7	15.3	14.6	12.9	13.5	16.2	14.2	96	48	90	78	6.3	5.0	—	—	—	—	—	—	—	—	—	—	—	—	
31	16.8	28.3	19.9	21.2	30.0	15.8	15.0	14.1	13.3	16.7	14.7	98	46	96	80	8.3	5.2	—	—	—	—	—	—	—	—	—	—	—	—	
Med.	16.9	26.1	19.7	20.6	27.5	16.2	15.4	14.0	13.0	15.5	14.2	96	51	90	79	8.0	1.8	1.7	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total: 102.1 mm.

DATOS DIARIOS

Estación A. 10.16

Mes Mayo

Año 1968

φ = 40° 31' N

λ = 74° 53' W.G.R

Altura 1.320 M.

Días	TEMPERATURAS					TENSIÓN DEL VAPOUR					Humedad Relativa			Brillo Solar DÍGIMOS Horas	PRECIPITACION				EVAPORACION			VIENTOS						
	7	14	20	Med.	Máx. Min.	Mínima Sueto	7	14	20	Med.	7	14	20		Med.	7	14	20	Total	7	14	20	DIREC CON	FUERZA Km./Hora	DIREC CON	FUERZA Km./Hora	DIREC CON	FUERZA Km./Hora
1	17.0	24.8	20.0	20.7	27.9	16.3	15.4	14.5	14.0	15.8	14.8	96	56	20	6.7	3.8	—	—	—	—	—	—	—	—	—	—	—	—
2	17.6	27.4	21.2	21.8	29.3	16.1	15.2	14.5	13.5	16.2	14.7	96	50	86	7.1	9.1	4.3	—	—	—	—	—	—	—	—	—	—	—
3	18.0	26.8	20.6	22.0	29.9	16.7	15.7	15.2	14.9	15.3	15.1	98	50	85	7.8	9.7	4.1	—	—	—	—	—	—	—	—	—	—	—
4	18.0	28.9	21.6	22.1	29.9	16.2	15.5	15.2	13.5	19.4	14.7	98	45	80	7.4	9.0	6.0	—	—	—	—	—	—	—	—	—	—	—
5	18.4	26.4	21.0	21.7	27.5	17.7	17.0	15.1	14.2	16.3	15.2	95	35	88	7.9	10.0	0.1	2.2	—	—	—	—	—	—	—	—	—	—
6	17.3	23.8	17.0	18.8	27.0	15.9	15.0	14.0	15.6	14.6	14.7	95	70	100	88	9.0	2.0	—	—	—	—	—	—	—	—	—	—	—
7	17.0	23.8	19.2	19.8	25.0	16.4	15.5	14.0	15.6	15.0	14.9	96	70	90	85	8.3	1.4	1.5	8.8	—	—	—	—	—	—	—	—	—
8	16.4	24.6	16.3	18.4	25.2	15.9	13.4	11.7	13.1	12.7	12.7	96	50	95	80	8.0	0.3	0.6	0.9	1.8	1.0	—	—	—	—	—	—	—
9	14.4	24.4	18.8	19.1	26.4	13.8	13.0	12.4	11.5	14.6	12.8	100	50	90	80	8.3	1.8	—	—	—	—	—	—	—	—	—	—	—
10	15.0	27.2	18.6	19.8	29.0	14.6	14.0	12.3	13.3	15.2	13.6	96	48	94	79	8.3	4.1	—	—	—	—	—	—	—	—	—	—	—
11	16.6	26.0	18.2	19.8	27.4	16.0	15.5	13.6	12.7	14.5	13.6	96	50	93	80	6.7	—	0.4	—	—	—	—	—	—	—	—	—	—
12	15.2	28.8	19.0	20.5	30.5	14.0	13.5	11.6	13.8	14.8	13.4	90	46	90	75	7.0	8.5	—	—	—	—	—	—	—	—	—	—	—
13	17.3	26.4	19.9	20.9	27.0	16.0	15.5	14.1	14.2	16.7	15.0	96	55	96	82	9.3	2.2	—	—	—	—	—	—	—	—	—	—	—
14	16.4	26.8	19.6	20.6	28.2	15.4	14.6	13.4	12.0	15.5	13.6	96	45	91	77	7.3	3.0	0.1	5.6	0.9	7.2	1.4	—	—	—	—	—	—
15	17.0	25.0	17.8	19.4	26.5	15.4	14.6	13.8	13.1	14.6	13.8	95	55	95	82	8.0	1.5	0.7	0.3	10.7	11.0	1.4	—	—	—	—	—	—
16	15.0	27.6	20.2	20.8	29.0	13.1	13.0	12.1	12.4	15.9	13.5	95	45	90	77	1.3	9.8	—	—	—	—	—	—	—	—	—	—	—
17	17.5	27.2	20.6	21.5	28.1	17.1	16.5	14.4	14.1	14.2	14.2	95	52	78	75	8.7	1.2	—	—	—	—	—	—	—	—	—	—	—
18	17.6	25.2	20.2	20.8	26.8	15.8	15.0	14.5	12.8	16.1	14.5	96	53	91	80	10.0	1.1	—	—	—	—	—	—	—	—	—	—	—
19	16.6	27.3	19.8	20.9	29.9	15.8	15.0	13.9	13.5	16.4	14.6	97	50	95	81	8.7	4.3	0.6	—	—	—	—	—	—	—	—	—	—
20	18.4	22.6	18.1	19.5	26.0	17.1	16.5	15.3	16.9	14.7	15.6	96	82	95	91	10.0	3.5	—	—	—	—	—	—	—	—	—	—	—
21	17.0	22.8	19.1	19.5	25.3	16.1	15.4	14.0	15.3	14.8	14.7	96	73	90	86	7.0	2.6	0.7	3.0	—	—	—	—	—	—	—	—	—
22	16.2	25.6	17.8	19.4	26.5	15.1	14.5	13.4	13.1	14.7	13.7	97	53	96	82	9.3	1.8	—	—	—	—	—	—	—	—	—	—	—
23	14.4	27.3	20.8	20.8	33.0	13.7	13.0	11.7	13.5	16.4	13.9	95	50	78	7.1	5.6	—	—	—	—	—	—	—	—	—	—	—	—
24	15.4	27.0	19.3	20.2	29.4	15.0	14.1	12.6	13.4	15.9	14.0	96	50	90	80	8.7	4.4	—	—	—	—	—	—	—	—	—	—	—
25	16.1	27.9	18.6	20.3	29.3	14.9	14.0	13.1	14.1	15.3	14.2	96	50	95	80	8.7	2.0	—	—	—	—	—	—	—	—	—	—	—
26	17.6	25.6	17.7	19.6	26.4	17.0	16.5	14.6	14.7	14.7	14.7	97	60	96	84	10.0	—	—	—	—	—	—	—	—	—	—	—	—
27	16.4	27.4	21.0	21.4	28.3	14.9	14.0	13.4	13.5	16.7	14.5	96	50	79	9.3	2.6	—	—	—	—	—	—	—	—	—	—	—	—
28	16.6	27.2	20.9	21.9	29.4	17.0	16.0	14.8	14.9	16.4	15.4	93	55	90	79	9.0	3.8	—	—	—	—	—	—	—	—	—	—	—
29	19.0	21.2	17.8	19.0	27.8	17.8	16.6	15.9	15.6	14.4	15.3	96	83	94	91	10.0	0.2	2.9	4.1	1.1	5.2	0.8	—	—	—	—	—	—
30	17.9	27.4	18.1	20.5	28.5	17.1	16.5	15.0	13.5	15.1	14.5	98	50	96	81	9.3	1.2	—	—	—	—	—	—	—	—	—	—	—
31	17.4	23.6	17.8	19.2	25.5	16.8	16.0	14.4	15.4	14.7	14.8	97	70	96	88	6.7	1.3	11.7	—	—	—	—	—	—	—	—	—	—
Med	16.9	26.0	19.2	20.3	27.8	15.8	15.1	13.9	13.9	15.3	14.3	96	56	92	81	8.6	2.9	0.8	2.9	4.6	4.6	1.6	—	—	—	—	—	—

Precipitación total : 141.4 m.m.

DATOS DIARIOS

Estación ALOCALA Mes JULIO Año 1968 $\phi = 4^{\circ} 31' N$ $\lambda = 74^{\circ} 53' WGR$ Altura 1.320 M.

Días	TEMPERATURAS °C					TENSIÓN DEL VAPOR mm					Humedad Relativa %			Nubes DECIMOS	Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS								
	7	14	20	Med.	Máx. Min.	Mínima Suño	7	14	20	Med.	7	14	20			Med.	7	14	20	Total	7	14	20	Total	DIREC CIÓN	FUERZA Km./Hora	DIREC CIÓN	FUERZA Km./Hora	DIREC CIÓN	FUERZA Km./Hora
1	17.7	22.4	18.2	19.1	25.5	16.0	15.3	15.0	12.8	15.1	14.1	98	64	96	86	9.3	2.0	2.1	—	—	—	—	—	—	—	—	—	—	—	
2	16.2	26.3	19.8	20.5	27.0	14.3	13.6	13.1	12.8	15.7	13.2	95	59	91	79	8.3	6.4	0.1	—	—	—	—	—	—	—	—	—	—	—	
3	16.4	26.0	20.0	20.6	27.3	19.9	15.1	13.3	13.1	14.9	13.2	95	45	83	75	8.0	2.4	—	—	—	—	—	—	—	—	—	—	—	—	
4	16.8	21.8	18.0	18.6	26.0	15.0	13.5	15.6	15.6	14.6	14.6	94	88	94	89	8.1	2.2	—	—	—	—	—	—	—	—	—	—	—	—	
5	17.4	26.0	20.1	20.9	27.2	14.9	14.0	14.2	12.7	15.8	14.2	95	59	90	78	8.3	3.3	—	—	—	—	—	—	—	—	—	—	—	—	
6	16.0	21.4	16.0	18.4	25.2	14.6	13.9	13.0	16.3	14.9	14.7	96	48	86	96	92	8.0	0.1	—	—	—	—	—	—	—	—	—	—	—	
7	16.4	27.1	21.3	21.5	28.4	14.8	14.0	14.4	13.0	15.1	14.2	96	48	86	75	8.0	8.1	—	—	—	—	—	—	—	—	—	—	—	—	
8	15.4	26.8	19.1	20.1	27.2	13.9	13.0	12.5	13.2	13.9	13.2	95	48	85	76	6.0	6.0	—	—	—	—	—	—	—	—	—	—	—	—	
9	16.3	27.0	20.8	21.2	27.5	15.0	14.1	13.1	13.4	14.7	13.7	95	50	80	75	8.3	0.4	—	—	—	—	—	—	—	—	—	—	—	—	
10	17.1	27.0	20.0	21.0	28.1	16.5	15.4	13.8	13.4	12.6	13.3	95	50	72	72	8.7	3.0	—	—	—	—	—	—	—	—	—	—	—	—	
11	14.1	25.6	19.4	19.4	25.2	12.7	11.7	11.2	12.1	14.4	12.6	94	52	86	77	10.0	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—
12	15.4	25.2	19.6	20.0	27.2	13.8	13.0	12.5	11.4	14.1	12.8	95	48	80	74	9.3	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—
13	16.0	25.0	20.0	20.2	27.4	14.8	14.0	13.0	11.4	14.1	12.8	95	48	80	74	9.3	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—
14	17.1	25.4	20.3	20.8	26.4	16.0	15.5	14.0	13.6	16.8	14.8	96	56	95	82	10.0	3.1	—	—	—	—	—	—	—	—	—	—	—	—	—
15	16.6	27.4	18.8	20.4	28.5	15.7	14.8	11.5	13.5	15.4	14.1	95	50	94	80	8.3	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—
16	18.0	20.0	18.0	18.5	22.6	17.7	16.5	14.9	14.1	14.7	14.6	96	80	95	90	10.0	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—
17	16.8	24.4	18.0	19.3	26.0	16.6	16.0	13.8	12.0	13.8	13.2	96	52	90	79	8.7	3.8	18.7	2.0	—	—	—	—	—	—	—	—	—	—	—
18	17.4	24.2	19.0	19.9	26.6	14.7	14.0	14.2	9.9	15.2	13.1	95	44	93	77	9.0	3.8	0.8	—	—	—	—	—	—	—	—	—	—	—	—
19	19.0	23.5	18.8	20.0	25.0	16.8	16.0	15.2	13.7	15.4	14.8	93	63	94	83	10.0	0.1	2.4	—	—	—	—	—	—	—	—	—	—	—	—
20	18.2	25.6	18.0	20.0	26.3	17.0	16.3	14.9	12.3	14.5	13.9	95	50	93	79	9.3	0.8	14.1	—	—	—	—	—	—	—	—	—	—	—	—
21	18.0	24.6	18.0	19.6	26.3	16.5	16.0	14.7	13.1	15.2	14.3	95	56	98	83	9.3	2.6	1.7	—	—	—	—	—	—	—	—	—	—	—	—
22	18.0	27.2	17.6	20.1	28.0	15.4	15.0	14.9	13.3	14.4	14.2	96	48	85	80	10.0	1.4	—	—	—	—	—	—	—	—	—	—	—	—	—
23	17.6	26.2	17.4	19.6	26.5	15.5	14.5	13.5	12.8	14.2	13.5	95	50	96	79	7.7	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—
24	19.0	23.3	19.6	20.4	25.4	14.8	14.0	15.1	10.8	14.5	13.7	95	50	85	77	9.0	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—
25	16.0	26.8	20.6	21.0	27.4	15.8	15.0	12.3	13.2	12.7	12.7	90	50	70	70	7.7	4.9	—	—	—	—	—	—	—	—	—	—	—	—	—
26	18.0	27.3	21.6	22.5	28.5	16.0	15.3	14.9	12.3	8.8	12.0	96	45	82	7.7	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	16.8	27.4	22.9	22.5	28.4	16.4	15.3	13.6	12.4	9.4	11.9	96	45	45	62	6.7	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—
28	16.0	28.4	23.0	22.6	30.0	15.3	14.4	13.0	11.7	9.3	11.3	95	40	44	60	6.7	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—
29	18.4	26.0	22.6	22.6	27.3	15.8	14.7	14.2	14.9	8.5	12.5	90	60	40	63	8.7	3.1	—	—	—	—	—	—	—	—	—	—	—	—	—
30	18.6	28.6	20.8	22.2	30.0	15.4	14.6	15.3	13.1	13.8	14.1	95	44	75	71	5.0	5.9	—	—	—	—	—	—	—	—	—	—	—	—	—
31	18.2	24.6	19.0	20.2	26.5	16.1	15.5	14.9	13.9	15.7	14.8	95	60	95	83	9.3	0.7	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	17.1	25.4	19.6	20.4	26.9	15.5	14.7	13.9	12.8	14.0	13.6	95	53	83	77	8.4	3.1	1.3	0.1	1.3	0.1	1.3	2.6	1.9	—	—	—	—	—	—

Precipitación total : 82.0 m.m.

DATOS DIARIOS

Estación Alocala Mes Agosto Año 1968 $\phi = 48^{\circ} 31' N$ $\lambda = 74^{\circ} 53' WGR$ Altura 3.200 M.

Días	TEMPERATURAS					TENSION DEL VAPOR			Humedad Relativa			Brillo Solar Horas	PRECIPITACION			EVAPORACION			VIENTOS								
	7	14	20	Med.	Máx.	Mín.	Mínima Suelo	7	14	20	Med.		7	14	20	Med.	7	14	20	Total	7	14	20	7	14	20	
																											DIRECCION
1	19.0	25.0	20.0	21.0	29.5	16.5	15.5	15.5	15.0	15.9	15.5	94	63	91	83	0.9	0.9	0.9	0.8								
2	17.8	26.8	19.8	21.0	27.5	16.5	16.0	14.7	12.3	14.7	13.9	96	46	85	76	1.1	1.2		2.0								
3	16.0	26.8	20.0	20.7	27.4	14.9	14.0	13.1	13.2	15.0	13.8	96	50	86	77	8.1	3.2		2.2								
4	18.6	26.6	19.6	21.1	27.3	15.9	15.0	14.4	13.0	15.6	14.3	90	50	90	77	8.3	2.5		2.4								
5	18.0	29.8	18.1	20.0	27.3	16.4	15.6	14.7	12.5	14.7	14.0	95	50	95	80	9.7	2.3		1.4								
6	16.0	23.3	18.1	18.9	24.8	15.4	14.6	13.1	13.4	13.8	13.4	96	63	90	83	9.0	1.9		1.4								
7	16.0	27.0	20.6	21.0	28.0	15.3	14.1	13.1	11.6	15.0	13.2	96	43	83	74	7.1	4.7		2.4								
8	15.1	26.8	18.1	19.5	28.3	14.7	14.0	12.1	12.3	13.1	12.5	95	46	85	73	3.2			2.0								
9	17.0	29.2	21.0	22.0	29.9	15.6	15.0	13.1	12.2	13.0	12.8	90	40	70	67	1.7	6.3		3.2								
10	14.8	27.8	20.0	20.6	29.0	13.8	13.0	12.0	12.5	14.9	13.1	95	45	85	75	5.7	2.8		2.6								
11	16.0	27.3	20.0	20.8	28.6	15.6	14.7	13.1	13.3	15.8	14.1	96	48	90	78	1.3	2.0		5.0								
12	16.0	28.0	20.0	21.0	29.0	14.4	13.5	13.0	11.3	14.9	13.1	95	40	85	73	5.3	6.6		5.0								
13	15.3	30.0	21.4	22.0	30.4	14.0	13.4	12.7	10.8	14.9	12.8	98	34	78	70	4.7	7.1		3.0								
14	17.0	27.3	17.9	20.0	28.0	15.8	15.0	14.6	9.6	14.6	12.9	100	45	95	80	7.0			2.0								
15	17.0	29.0	21.8	22.4	30.0	15.4	14.5	14.0	13.7	16.0	14.6	96	45	92	74	8.7	4.2		2.2								
16	18.4	28.8	21.6	22.6	30.6	16.8	15.5	15.1	14.4	17.3	15.6	95	40	90	78	1.3	5.6		2.4								
17	19.0	28.8	21.6	22.0	27.4	17.4	16.5	15.7	14.5	15.4	15.2	95	58	80	78	8.3	0.5		2.4								
18	18.0	28.0	21.9	22.5	29.0	17.4	16.3	14.7	14.3	16.6	15.2	95	50	85	77	8.0	1.7		3.4								
19	18.0	27.8	21.9	22.4	30.0	17.1	15.5	15.3	15.6	15.6	15.5	98	56	80	78	8.0	4.1		2.2								
20	17.8	27.4	21.9	22.2	28.9	16.9	16.0	14.7	12.7	13.6	13.7	96	46	70	71	7.0	2.5		2.2								
21	17.9	29.6	21.4	22.6	29.9	16.8	16.0	14.7	12.2	13.3	13.4	96	38	70	68	5.3	5.4		3.0								
22	17.4	29.9	20.9	22.3	30.6	15.6	14.5	14.2	12.5	17.3	14.7	95	40	94	76	8.7	4.9		2.2								
23	18.0	28.8	21.3	22.4	31.0	16.3	15.4	14.7	12.3	16.6	14.5	95	40	88	74	7.3	4.4		2.2								
24	18.2	27.9	19.9	21.5	29.3	17.5	16.3	14.9	12.3	16.4	14.5	95	44	95	78	7.3	1.3		2.4								
25	18.6	27.8	19.9	21.6	28.8	17.6	16.0	15.5	11.4	16.4	14.4	96	41	95	77	9.7	0.5		1.8								
26	18.1	28.0	20.8	21.9	29.0	17.4	16.3	14.9	13.2	16.4	14.8	96	46	90	77	7.3	2.9		3.0								
27	18.0	28.8	19.9	20.2	29.4	17.9	17.0	14.7	12.5	16.4	14.5	95	60	95	83	6.7			0.8								
28	17.4	27.4	21.5	22.0	28.0	16.0	15.1	14.2	12.4	16.0	14.2	96	45	83	75	9.0	2.1		2.0								
29	18.6	21.4	17.9	19.0	28.0	17.7	17.0	15.5	15.3	14.6	15.1	96	80	95	90	6.0	1.4		2.0								
30	18.1	20.9	19.8	19.5	25.0	17.6	16.5	14.7	16.4	16.4	15.8	95	90	95	93	9.0	1.4		1.2								
31	18.0	23.4	21.0	20.8	25.4	17.8	16.7	13.8	12.9	16.7	14.5	90	60	90	80	9.3	0.3		1.0								
Med	17.4	26.8	20.3	21.2	28.3	16.3	15.3	14.2	12.9	15.4	14.2	95	50	87	77	7.7	2.8		1.8								

Precipitación total : 57.0 m.m.

DATOS DIARIOS

Estación Aconca, Mes Septiembre, Año 1966, $\phi = 4^{\circ} 31' N$, $\lambda = 74^{\circ} 53' W$, WGR, Altura 1,320 M.

Días	TEMPERATURAS °C.						TENSION DEL VAPOR m.m.						Humedad Relativa %			Brillo Solar DECIMOS		PRECIPITACION m.m.			EVAPORACION m.m.			VIENTOS					
	7	14	20	Med.	Máx.	Mín.	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	7	14	20	7	14	20	DIREC. CIÓN	FUERZA	Km./hora
						Mínima Suelo																							
1	18.3	25.4	18.6	20.2	27.2	17.6	16.5	14.9	12.3	15.3	14.2	95	50	95	80	8.0	0.7	—	—	—	—	—	—	—	—	—	—	—	
2	16.8	22.9	19.0	19.4	25.2	16.3	15.5	13.8	13.8	14.8	14.1	96	66	90	84	8.3	0.4	—	—	—	—	—	—	—	—	—	—	—	
3	18.0	28.6	19.0	21.2	30.0	16.4	15.3	13.8	10.2	14.1	12.7	90	35	86	70	6.7	4.0	—	—	—	—	—	—	—	—	—	—	—	
4	16.9	26.2	18.8	20.2	27.9	16.7	16.0	13.6	14.8	15.7	14.7	95	58	96	83	8.3	0.6	26.0	—	—	—	—	—	—	—	—	—	—	
5	16.2	26.6	19.9	20.6	28.4	15.9	14.7	13.3	12.8	15.6	13.9	96	48	90	78	5.3	3.5	—	—	—	—	—	—	—	—	—	—	—	
6	17.0	22.9	19.4	19.7	27.9	16.0	14.5	14.0	12.5	14.3	13.6	96	60	85	80	6.3	1.9	—	—	—	—	—	—	—	—	—	—	—	
7	17.8	26.8	20.6	21.4	27.3	16.1	14.9	14.6	17.3	17.2	16.4	95	65	95	85	7.3	1.6	—	—	—	—	—	—	—	—	—	—	—	
8	18.4	25.9	18.8	20.5	26.0	17.1	15.5	15.1	14.9	15.7	15.2	95	60	96	84	9.7	—	—	—	—	—	—	—	—	—	—	—	—	
9	18.0	26.8	20.0	21.2	28.2	17.7	16.5	14.9	13.2	16.9	15.0	96	50	96	81	9.3	—	—	—	—	—	—	—	—	—	—	—	—	
10	18.2	27.9	18.6	20.8	29.2	17.4	16.5	15.1	12.5	15.3	14.3	96	45	95	79	7.7	—	—	—	—	—	—	—	—	—	—	—	—	
11	18.8	25.6	19.2	20.7	26.8	18.1	17.4	15.7	14.7	16.1	15.5	96	60	96	84	7.3	—	—	—	—	—	—	—	—	—	—	—	—	
12	17.8	26.6	20.4	21.3	28.2	16.6	16.0	14.6	13.0	16.0	14.5	95	50	90	78	5.3	—	—	—	—	—	—	—	—	—	—	—	—	
13	17.6	28.4	20.6	21.8	29.9	16.3	15.2	14.5	11.7	14.5	13.6	96	40	80	72	8.3	2.4	—	—	—	—	—	—	—	—	—	—	—	
14	18.4	28.6	19.9	21.7	29.2	16.9	16.0	14.2	17.6	15.6	15.8	90	60	90	80	5.7	2.4	—	—	—	—	—	—	—	—	—	—	—	
15	19.6	28.9	22.4	23.3	29.9	17.8	16.3	16.0	11.9	15.3	14.4	94	38	75	69	6.3	—	—	—	—	—	—	—	—	—	—	—	—	
16	18.0	27.0	19.0	20.8	28.3	17.4	16.5	15.0	13.0	13.6	13.9	97	48	83	76	9.3	0.1	—	—	—	—	—	—	—	—	—	—	—	
17	16.9	24.9	18.2	19.5	26.0	16.8	16.0	13.6	11.8	14.5	13.3	95	50	93	79	9.3	0.4	5.1	0.2	0.1	0.3	1.4	—	—	—	—	—	—	
18	18.4	26.4	19.0	20.7	27.4	16.2	15.5	15.1	12.0	15.9	14.3	95	46	96	79	8.3	0.2	—	—	—	—	—	—	—	—	—	—	—	
19	18.2	27.0	17.0	18.3	26.0	16.2	15.4	15.4	13.0	13.8	14.1	98	70	95	88	9.0	—	—	—	—	—	—	—	—	—	—	—	—	
20	16.2	27.6	18.0	20.0	28.0	14.3	13.6	13.5	12.3	13.8	13.2	97	45	90	77	9.7	0.4	—	—	—	—	—	—	—	—	—	—	—	
21	18.1	25.4	17.6	19.7	26.0	16.0	15.5	15.6	13.6	14.4	14.5	100	56	95	84	8.7	—	—	—	—	—	—	—	—	—	—	—	—	
22	17.4	21.9	19.3	19.5	27.4	15.5	15.0	15.0	13.6	16.1	14.9	100	70	96	89	9.7	—	—	—	—	—	—	—	—	—	—	—	—	
23	17.4	26.0	20.0	21.2	27.5	16.5	16.0	14.4	12.2	14.9	13.8	100	48	80	75	9.3	2.4	—	—	—	—	—	—	—	—	—	—	—	
24	16.0	24.0	18.6	19.3	27.3	14.7	14.0	13.7	14.6	14.8	14.4	100	65	93	86	7.7	—	—	—	—	—	—	—	—	—	—	—	—	
25	16.0	22.2	18.0	18.6	27.1	14.7	14.0	13.0	14.7	15.0	14.2	95	73	97	88	8.3	1.2	—	—	—	—	—	—	—	—	—	—	—	
26	16.0	23.3	18.1	19.9	28.3	14.4	13.6	13.1	11.3	14.9	13.1	96	41	96	78	7.3	0.2	—	—	—	—	—	—	—	—	—	—	—	
27	16.6	26.3	19.6	20.5	27.4	15.4	14.2	14.3	13.3	16.0	14.5	100	52	94	82	8.7	2.9	—	—	—	—	—	—	—	—	—	—	—	
28	17.4	25.8	19.0	20.3	26.3	16.3	15.6	14.2	12.5	15.7	14.1	96	50	95	80	9.0	—	—	—	—	—	—	—	—	—	—	—	—	
29	16.2	29.4	18.0	19.4	26.0	15.4	14.6	13.1	13.6	14.9	13.9	95	56	96	82	6.7	—	—	—	—	—	—	—	—	—	—	—	—	
30	16.8	22.0	18.2	18.8	22.4	15.0	14.2	14.4	14.4	14.0	14.3	100	72	91	88	9.7	—	—	—	—	—	—	—	—	—	—	—	—	
31	17.4	25.7	19.1	20.3	27.4	16.2	15.3	14.4	13.3	15.2	14.3	96	54	92	81	8.0	11.2	2.1	0.4	3.6	6.2	1.8	—	—	—	—	—	—	
Med																													

Precipitación total: 184.6 m.m.

RESUMEN MENSUAL Y ANUAL

ESTACION: 110616

AÑO: 1968

M E S	PRESION ATMOSFERICA SOBRE 800 MM. HG.				TEMPERATURA				TEMPERATURAS EXTREMAS				HUMEDAD RELATIVA				TENSION DEL VAPOR				PRECIPITACION								
	MAXIMA		MINIMA		7		14		20		MAXIMA		MINIMA		ABSOLUTA		ABSOLUTA		ABSOLUTA		7		14		20				
	DA	ME	DA	ME	DA	ME	DA	ME	DA	ME	DA	ME	DA	ME	DA	ME	DA	ME	DA	ME	DA	ME	DA	ME	DA	ME			
ENERO	15.9	26.6	19.8	20.5	28.2	15.0	30.8	20	12.5	3	14.1	98	46	87	77	30	16.9	8.4	13.5	7.7	5.1	11.9	16.8	0.8	14.8	89.5	7	16.7	22
FEBRERO	16.6	26.1	20.0	20.7	27.5	15.8	30.0	V	13.0	24	15.1	97	53	88	79	40	17.2	11.3	14.1	8.7	2.7	11.8	58.4	23.2	52.7	134.7	15	36.4	1
MARZO	16.9	26.1	19.7	20.6	27.5	16.2	30.0	31	14.0	5	15.4	96	51	90	79	40	16.9	11.1	14.2	8.0	1.8	11.8	53.3	1.2	48.2	105.1	22	27.2	10
ABRIL	16.8	26.2	19.7	20.6	27.5	16.3	30.5	5	13.0	26	15.4	96	54	89	80	40	17.2	11.1	14.3	8.7	2.9	11.8	132.7	8.2	48.5	189.2	19	44.5	6
MAYO	16.9	26.0	19.2	20.3	27.8	15.8	30.5	12	13.1	16	15.3	96	52	92	81	45	16.9	11.5	14.3	8.6	2.9	11.6	24.6	23.6	91.1	141.4	21	45.4	30
JUNIO	17.4	24.6	18.7	19.9	26.4	15.9	29.9	8	13.5	3	15.1	96	60	93	83	45	16.4	12.2	14.4	8.9	2.2	11.4	42.2	36.3	55.5	134.0	27	21.8	5
JULIO	17.1	25.4	19.6	20.4	26.9	15.5	30.0	V	12.7	11	14.7	95	53	83	77	40	16.8	8.8	13.6	8.4	3.1	11.9	39.9	3.3	40.9	85.0	14	29.8	16
AGOSTO	17.4	26.8	20.3	21.2	28.3	16.3	31.0	23	13.0	13	15.3	95	50	87	77	34	17.3	9.6	14.2	7.7	2.8	12.2	29.5	3.3	24.2	57.0	12	30.0	5
SEPTIEMBRE	17.4	25.7	19.1	20.3	27.4	16.2	30.0	3	14.3	20	15.3	96	54	92	81	35	17.6	10.2	14.3	8.0	2.1	11.8	64.2	11.6	108.8	184.6	19	36.5	3
OCTUBRE	17.2	24.3	18.5	19.6	25.9	15.7	28.5	30	13.8	21	15.0	96	61	94	84	41	17.2	10.9	14.3	9.2	2.0	11.5	157.4	21.5	45.8	224.7	23	34.0	9
NOVIEMBRE	17.6	25.8	18.9	20.3	27.4	16.2	29.5	19	13.8	17	15.5	97	55	93	82	43	17.2	11.3	14.5	8.7	5.4	11.5	178.7	10.1	43.4	230.2	22	48.7	19
DIEMBRE	17.5	27.1	19.5	20.9	28.5	16.2	30.5	V	13.0	4	15.5	96	50	90	79	40	17.8	10.7	14.4	7.7	6.6	11.7	8.8	21.2	49.4	79.4	13	42.1	22
MEDIA ANUAL	17.0	25.9	19.4	20.4	27.4	15.9	30.1	-	13.4	-	15.1	96	53	90	80	39	17.1	10.6	14.2	8.4	3.3	11.7	87.2	13.7	51.8	132.4	21.4	34.2	-

PRECIPITACION TOTAL: 1,588.8

PRECIPITACION MAXIMA: 48.7 - XI - 19

DIAS LLUVIOSOS: 214

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

ESTACION: Alerce

AÑO: 1968

MESES	P R E C I P I T A C I O N												T E M P E R A T U R A									
	7 HORAS			14 HORAS			20 HORAS			T O T A L			Mínimo Abajo de 15 oc	Máximo Abajo de 17oc	Mínimo Abajo de 25oc	Máximo Abajo de 29oc						
	Máx de: 01 10 100 200 500	Máx de: 01 10 100 200 500	Máx de: 01 10 100 200 500	Máx de: 01 10 100 200 500	Máx de: 01 10 100 200 500	Máx de: 01 10 100 200 500	Máx de: 01 10 25 50 100 200 500	Máx de: 01 10 25 50 100 200 500														
ENERO	3	3	1	-	-	-	2	4	3	1	-	3	2	2	2	-	-	15	1	1	13	
FEBRERO	9	7	2	1	-	-	8	5	3	-	-	8	6	5	2	-	-	8	4	3	7	
MARZO	12	6	1	-	-	-	4	-	-	-	-	22	11	10	8	4	1	-	3	8	2	6
ABRIL	13	11	3	3	-	-	4	2	-	-	-	11	6	2	1	-	-	-	5	7	3	7
MAYO	11	5	1	-	-	-	8	4	-	-	-	14	10	3	2	-	-	-	8	7	1	10
JUNIO	14	11	-	-	-	-	11	6	1	-	-	17	12	1	-	-	-	-	8	5	7	3
JULIO	7	5	2	-	-	-	4	2	-	-	-	9	7	2	-	-	-	-	8	5	7	3
AGOSTO	4	1	1	1	-	-	2	2	-	-	-	11	6	1	-	-	-	-	11	2	2	2
SEPTBRE	8	7	2	1	-	-	4	3	-	-	-	16	10	6	-	-	-	-	5	10	3	13
OCTUBRE	12	8	5	4	-	-	7	5	-	-	-	11	10	1	-	-	-	-	5	7	1	5
NOVIEMBRE	16	14	5	3	-	-	5	3	-	-	-	14	6	2	-	-	-	-	9	2	8	-
DICIEMBRE	6	2	-	-	-	-	5	3	1	-	-	10	4	2	1	-	-	-	4	7	-	2
SUMA ANUAL	115	82	23	13	-	-	60	33	3	-	-	142	85	24	4	-	-	-	88	68	31	81

439

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.																								TOTAL
	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	
ENERO	-	1	1	2	1	-	-	-	-	-	-	-	-	1	-	1	-	1	1	1	1	1	2	1	8
FEBRERO	4	3	4	3	3	2	2	2	1	1	1	-	-	2	3	4	4	2	3	6	5	2	3	16	
MARZO	3	3	4	5	3	4	1	1	1	2	-	-	1	1	5	5	7	6	7	3	2	2	5	3	21
ABRIL	7	7	8	9	8	8	7	3	1	1	1	1	-	-	3	4	4	3	4	4	3	5	6	7	20
MAYO	1	-	-	3	3	3	3	3	4	2	-	-	3	4	7	9	6	6	4	2	2	1	2	4	20
JUNIO	5	5	4	5	6	4	4	2	2	2	2	3	3	7	7	6	8	4	6	5	5	6	4	5	27
JULIO	3	2	2	2	1	1	1	2	1	1	-	1	-	2	4	4	3	3	3	-	1	3	3	14	
AGOSTO	-	3	1	2	-	-	-	-	-	-	-	1	2	2	4	6	3	-	2	1	1	-	-	14	
SEPTBRE	5	3	3	3	2	3	2	1	-	-	-	-	1	3	6	5	3	6	4	3	3	2	4	20	
OCTUBRE	3	3	4	2	3	1	1	1	1	1	2	1	5	4	5	3	4	5	2	2	3	-	2	2	18
NOVIEMBRE	6	7	8	8	8	4	4	2	-	-	-	2	-	1	6	2	2	4	3	5	6	4	4	5	23
DICIEMBRE	1	3	2	1	1	1	2	2	1	-	-	1	2	4	4	4	5	4	1	2	2	2	-	-	14
SUMA ANUAL	38	40	45	45	39	31	27	19	14	10	6	10	17	31	53	52	47	46	41	32	34	30	32	37	215

RESUMEN DE ALGUNAS CARACTERÍSTICAS DE LA PRECIPITACION

Estación: A l o a l á

Año: 1968

MESES	TOTAL		No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA						
	m. m.	Días	Días	Noche	Total	Día	Noche	Total	m. m.	Durac.	Inl. Med.	Inl. Max. 5/m.	Inl. Max. 1/m.	h. - min.	m. m.	Inl. Med.	Inl. Max. 5 min.	Inl. Max. 1 min. (calc.)			
Enero	29.5	7	4	7	11	2.2	27.3	7:15'	8:45'	1:30'	1:30'	16.2	3:55'	0.07	3.2	0.6	3:55'	16.2	0.07	3.2	0.6
Febrero	134.7	15	13	16	29	62.8	71.9	26:35'	41:35'	15:00'	15:00'	32.5	3:45'	0.14	5.0	1.0	9:25'	22.4	0.04	1.7	0.3
Marzo	102.1	22	32	14	46	49.6	52.5	21:35'	40:55'	19:20'	19:20'	27.1	6:30'	0.07	3.0	6	6:30'	27.1	0.07	3.0	0.6
Abril	189.2	19	19	33	52	56.8	132.4	51:10'	65:15'	14:05'	14:05'	44.5	3:50'	0.19	5.2	1.0	9:00'	33.6	0.06	5.7	1.1
Mayo	141.4	21	29	17	46	112.6	28.8	9:45'	39:10'	29:25'	29:25'	27.2	1:55'	0.24	6.0	1.2	2:50'	6.6	0.04	2.1	0.4
Junio	134.0	27	29	26	55	88.4	45.6	39:45'	71:00'	31:15'	31:15'	12.6	4:00'	0.05	0.9	0.2	12:30'	11.8	0.02	0.3	0.1
Julio	82.0	14	14	10	24	42.5	39.5	12:40'	24:10'	11:30'	11:30'	18.4	3:20'	0.09	1.8	0.4	3:20'	18.4	0.09	1.8	0.4
Agosto	57.0	12	15	5	20	27.5	29.5	3:45'	12:15'	8:30'	8:30'	28.9	2:25'	0.20	6.5	1.3	2:25'	28.9	0.20	6.5	1.3
Septbre.	184.6	19	20	13	33	110.5	74.1	27:35'	47:10'	19:35'	19:35'	33.0	3:05'	0.18	5.0	1.0	7:00'	8.6	0.02	0.3	0.1
Octbre.	178.9	18	22	10	32	53.1	125.8	16:55'	39:55'	23:00'	23:00'	34.0	2:10'	0.26	6.5	1.3	6:20'	25.6	0.07	1.7	0.3
Novbre.	230.2	22	21	27	48	47.1	183.1	45:05'	59:40'	14:35'	14:35'	29.2	2:25'	0.20	5.0	1.0	7:30'	23.4	0.05	2.6	0.5
Dicbre.	79.4	13	15	10	25	70.1	9.3	7:50'	27:00'	19:10'	19:10'	41.6	6:10'	0.11	4.0	0.8	6:10'	41.6	0.11	4.0	0.8
TOTALES	1543.0	209	233	188	421	723.2	819.8	269:55'	476:50'	20:6:55'	20:6:55'	345.2	43:30'	XX	XX	XX	76:55'	264.2	XX	XX	XX

DATOS DIARIOS

Estación Restrepo Año 1968 φ = 3° 49' N λ = 76° 30' WGR. Altura 1.490 M.

Table with columns: TEMPERATURAS, TENSION DEL VAPOR, HUMEDAD RELATIVA, NUBOSIDAD, PILLÓ SOLAR, PRECIPITACION, and VIENTOS. Rows include daily data from 1 to 31, and a summary row (Med.)

Precipitación total: 86.0 m.m.

DATOS DIARIOS

Estación Restrepo Mes Marzo Año 1968 ϕ 3° 49' N λ 76° 30' WGR Altura 1.406 M.

Días	TEMPERATURAS						TENSION DEL VAPOR						Humedad Relativa						BRILLO SOLAR			PRECIPITACION			EVAPORACION			VIENTOS				
	7		14		20		7		14		20		7		14		20		Horas			mm			mm			Km/Hora				
	Med.	Max.	Min.	Min.	Med.	Max.	Med.	Max.	Min.	Min.	Med.	Max.	7	14	20	Med.	Max.	Min.	7	14	20	7	14	20	Total	7	14	20	DIREC.	FUERZA	7	14	20
1	16.3	23.6	17.0	18.5	23.9	15.6	14.4	12.4	12.3	13.5	12.7	90	56	93	80	9.0	6.3	—	—	1.9	11.5	1.4	00	0	12	2	10	3				
2	16.1	24.3	17.5	18.8	24.6	15.8	15.0	13.3	12.6	12.8	12.9	96	55	85	79	9.0	5.3	9.6	—	0.1	0.4	1.5	00	0	14	2	08	2				
3	16.8	22.6	17.3	18.5	24.0	15.5	14.8	13.4	11.6	12.5	12.5	93	56	85	78	9.0	5.9	0.3	—	—	—	1.4	08	1	10	2	08	2				
4	14.4	23.2	16.9	17.8	24.2	13.3	12.0	11.8	10.4	13.4	11.9	96	48	93	79	9.0	7.1	—	—	—	—	1.5	00	0	10	1	00	0				
5	15.0	24.2	17.1	18.4	25.0	13.1	12.3	12.4	11.4	13.1	12.3	96	50	90	79	7.3	8.6	—	—	—	—	1.8	00	0	12	1	08	2				
6	15.0	23.4	18.1	18.7	24.0	14.7	14.0	12.1	12.0	13.8	12.6	95	56	90	80	6.0	8.9	—	—	—	—	1.8	00	0	10	1	08	2				
7	15.2	23.6	17.7	18.6	24.3	14.2	13.0	12.7	12.2	13.2	12.4	98	56	86	80	8.7	6.5	—	—	—	—	1.6	00	0	00	0	08	1				
8	15.8	22.6	17.5	18.4	24.3	14.6	13.5	12.7	11.4	13.1	12.4	94	55	88	79	9.1	3.6	—	—	—	—	4.2	1.4	00	0	12	1	08	2			
9	16.4	22.2	17.8	18.6	23.3	15.6	15.0	13.4	12.0	13.4	12.9	96	60	88	81	9.0	0.9	4.2	—	—	—	0.8	00	0	12	2	08	2				
10	17.6	22.8	17.2	18.7	23.5	17.0	16.0	13.8	11.3	12.5	12.5	92	54	85	77	9.0	3.2	—	—	—	—	1.4	00	0	12	1	12	2				
11	16.0	24.0	17.3	18.6	24.3	15.5	14.0	13.1	11.8	13.0	12.6	96	52	89	79	9.0	6.6	—	—	—	—	1.1	2.0	00	0	12	1	08	2			
12	15.8	24.6	17.3	18.8	24.7	15.0	14.5	12.5	12.4	13.9	12.9	93	53	94	80	9.7	6.4	1.1	—	—	—	1.5	00	0	12	1	08	1				
13	16.6	25.2	18.8	19.8	25.9	16.1	14.6	14.0	13.6	14.5	14.0	99	56	89	81	6.0	6.7	—	0.2	—	—	2.4	1.5	00	0	10	2	08	1			
14	17.2	24.8	19.4	20.2	25.9	16.6	15.4	13.9	12.0	14.4	13.4	94	51	86	77	8.7	9.4	2.2	—	—	—	2.0	00	0	12	2	08	0				
15	16.6	21.8	18.5	18.8	22.8	15.4	15.5	13.3	12.4	13.5	13.1	94	63	85	81	9.0	3.1	0.4	—	—	—	0.4	1.4	00	0	12	2	12	1			
16	17.2	20.4	17.1	18.0	23.9	17.0	16.0	14.1	14.5	14.1	14.2	96	80	96	91	9.3	1.6	—	7.2	0.4	10.9	0.7	00	0	08	1	00	0				
17	16.6	20.9	17.9	18.3	23.9	16.3	15.4	13.3	15.5	13.9	14.2	94	85	92	90	8.7	3.1	3.3	8.5	—	—	8.5	0.6	00	0	08	2	00	0			
18	16.4	23.6	18.5	19.3	24.3	14.9	14.2	13.3	10.3	13.5	12.6	94	56	85	76	9.0	4.9	—	4.4	—	—	12.5	1.6	08	1	08	2	08	1			
19	16.5	23.1	18.7	19.2	24.9	16.3	15.5	13.5	13.2	14.6	13.8	96	64	90	83	9.3	3.2	8.1	0.1	2.1	2.1	2.2	0.8	00	0	10	1	00	0			
20	16.8	22.8	17.8	18.8	25.1	16.0	15.0	13.4	14.7	14.2	14.1	93	70	93	85	9.1	4.7	—	3.3	—	—	3.3	1.2	00	0	10	2	02	2			
21	17.6	25.2	18.6	20.0	25.7	17.0	15.7	14.0	11.4	14.4	13.3	93	48	90	77	6.3	6.5	—	—	—	—	—	1.6	00	0	00	0	00	0			
22	17.0	25.8	18.8	19.8	26.4	16.2	15.0	14.2	12.8	13.7	13.6	98	51	88	79	6.3	8.4	—	—	—	—	0.5	1.5	00	0	10	2	10	2			
23	17.7	23.6	19.3	20.2	25.9	16.8	14.3	14.7	12.5	15.6	14.3	96	57	90	81	6.0	6.4	0.5	—	—	—	6.9	1.4	00	0	10	2	00	1			
24	18.4	22.8	18.8	19.7	23.3	17.9	17.2	15.3	13.0	16.7	14.3	96	64	91	84	6.7	1.4	6.9	5.3	—	—	5.3	0.8	00	0	14	2	00	1			
25	15.6	25.6	18.3	20.5	25.8	15.0	14.0	13.0	12.6	15.1	13.6	98	51	96	82	6.3	7.2	—	—	—	—	—	1.4	06	0	10	2	08	1			
26	18.4	25.3	19.2	20.5	26.0	17.7	16.3	14.4	12.8	14.7	14.0	91	53	88	77	7.0	7.1	—	—	—	—	—	1.6	00	0	10	2	08	1			
27	17.6	25.6	19.3	20.4	26.8	17.4	16.5	14.2	13.1	14.1	13.8	94	53	85	77	5.0	4.5	—	—	—	—	—	1.6	00	0	10	1	10	2			
28	19.0	26.2	19.8	21.2	26.9	18.4	17.5	15.5	12.8	15.1	14.5	94	50	88	77	7.0	5.1	—	—	—	—	—	1.7	00	0	08	1	00	0			
29	18.4	25.8	19.6	20.6	26.4	17.4	15.5	14.4	14.0	15.4	14.6	91	56	90	79	4.7	7.7	—	—	—	—	—	1.9	00	0	10	2	10	2			
30	17.4	25.8	19.9	20.8	26.4	16.8	15.5	13.9	14.0	15.6	14.5	93	56	90	80	7.0	5.4	—	—	—	—	—	1.6	00	0	10	3	10	1			
31	19.2	25.6	19.9	21.2	26.9	18.2	17.3	15.4	13.1	14.7	14.4	93	53	85	77	6.0	8.0	—	—	—	—	—	1.6	00	0	10	2	08	2			
Med	16.8	23.9	18.3	19.3	25.0	16.0	14.9	13.6	12.6	14.0	13.4	94	57	89	80	8.0	5.6	1.2	0.9	0.1	2.3	1.4	—	—	—	—	—	—	—			

Precipitación total 71.0 mm.

DATOS DIARIOS

Estación Rosario Año 1938 Mes Abril ϕ 31° 49' N λ 166° 30' WGR Altura 1.400 M.

Días	TEMPERATURAS					TENSION DEL VAPOR					Humedad Relativa %			NUBESIAS DECIAMOS	Brillo Solar Horas	PRECIPITACION m m			EVAPORACION			VIENTOS											
	Med.		Max.	Min.	Minima Suolo	7	14		20	Med.	7	14				20	Total	7	14		20	7	14		20	7	14		20				
	7	14					20	7				14	20						7	14			20	DIRECCION			FUEZA	DIRECCION		FUEZA	DIRECCION	FUEZA	DIRECCION	FUEZA
1	19.2	22.6	18.0	19.4	24.2	18.2	18.2	16.5	15.0	13.6	14.6	14.4	90	66	94	83	9.7	4.8	0.9	—	—	—	1.2	0.8	1	10	1	00	0				
2	16.0	25.2	18.8	19.7	26.0	15.3	16.0	13.0	13.1	14.4	14.6	14.0	96	60	90	82	7.3	2.7	—	0.1	—	0.1	1.4	00	0	12	2	10	1				
3	18.0	26.2	18.4	20.2	27.2	17.8	17.0	14.6	11.4	15.1	13.7	94	46	95	79	8.7	4.8	—	0.2	—	—	0.5	1.0	00	0	12	3	08	2				
4	18.3	22.4	18.0	19.2	22.8	17.7	17.0	14.2	12.1	13.8	13.4	90	60	90	90	9.0	1.6	0.3	1.2	—	—	1.2	0.8	08	2	14	2	00	0				
5	16.8	26.0	19.3	20.4	27.0	16.0	14.6	13.8	12.7	15.0	13.8	96	90	90	79	8.0	8.9	—	0.2	—	—	0.2	1.8	08	1	10	3	08	2				
6	18.9	22.3	18.8	19.7	26.5	17.6	16.5	14.0	14.1	15.4	14.1	86	70	94	83	9.0	5.7	—	0.4	0.1	—	0.5	1.4	06	1	00	0	10	1				
7	18.0	23.6	18.5	19.6	24.0	17.5	16.0	15.2	12.6	14.6	14.1	98	58	92	83	9.3	3.3	—	0.9	—	—	19.6	1.4	00	0	00	0	00	0				
8	16.4	24.4	19.8	20.1	26.0	16.0	15.4	13.3	10.4	15.0	12.9	95	46	87	76	8.7	4.4	18.7	0.6	—	—	0.6	1.6	00	0	00	0	00	0				
9	17.0	22.2	17.4	18.5	24.0	16.8	16.0	12.2	12.5	13.3	12.7	84	62	90	79	8.7	2.0	—	0.9	—	—	19.4	1.0	10	1	12	2	00	0				
10	17.0	24.0	18.1	19.3	24.3	16.6	16.0	14.0	13.0	13.8	13.6	96	58	90	81	9.0	2.4	18.5	1.1	0.1	33.5	1.2	00	0	12	1	08	3	00	0			
11	15.7	21.8	17.8	18.3	22.6	14.7	14.0	13.1	12.1	12.3	12.5	97	62	80	80	8.7	2.8	32.3	0.8	—	—	0.8	1.0	00	0	08	2	06	3	00	0		
12	16.2	19.6	17.0	17.4	23.4	16.0	15.3	13.0	14.5	13.1	13.5	94	85	90	90	10.0	0.9	—	0.7	0.1	0.8	0.8	0.8	00	0	08	2	00	0	00	0		
13	15.4	22.5	18.0	18.5	24.6	14.5	14.0	12.6	13.5	13.6	13.2	96	66	88	83	6.7	6.1	—	—	—	17.9	1.0	00	0	10	2	00	0	00	0			
14	16.7	23.0	17.6	18.7	23.9	16.1	15.4	13.8	11.8	14.0	13.2	96	56	93	82	7.7	2.3	17.9	0.5	—	—	0.5	1.0	00	0	10	2	00	0	00	0		
15	16.2	22.4	17.6	18.4	24.0	15.3	14.6	13.1	13.6	14.5	13.7	95	66	96	86	7.7	4.9	—	—	—	—	—	1.4	00	0	10	2	00	0	00	0		
16	18.0	20.4	17.6	18.4	24.3	17.0	16.4	14.2	12.6	14.5	13.8	93	70	96	86	7.3	3.7	—	7.1	—	—	7.1	1.0	00	0	00	0	00	0	00	0		
17	17.0	25.4	19.2	20.2	26.3	14.5	13.5	14.0	13.6	15.0	14.2	96	56	90	81	7.3	8.4	—	—	—	—	6.7	2.0	00	0	10	2	10	3	00	0		
18	16.4	23.9	17.4	18.8	24.9	15.5	15.0	13.2	11.6	12.0	12.6	94	52	88	78	7.3	7.3	6.7	—	—	—	0.1	1.4	08	1	10	3	10	2	00	0		
19	16.1	24.9	18.6	19.6	26.0	14.3	13.0	13.0	11.2	14.4	12.9	95	48	90	78	3.0	10.1	0.1	—	—	—	—	1.8	00	0	08	1	10	3	00	0		
20	17.0	24.5	18.0	19.4	24.9	15.8	14.5	13.5	12.0	13.8	13.1	93	52	90	78	6.7	8.0	—	—	—	—	—	1.8	00	0	10	2	00	0	00	0		
21	18.0	24.9	18.2	19.8	25.3	17.3	15.0	14.5	12.7	14.3	13.8	93	94	92	80	7.0	7.6	—	—	—	—	30.4	1.8	00	0	10	2	10	2	00	0		
22	18.0	21.6	17.0	18.4	24.0	17.0	14.5	14.0	11.6	13.8	13.1	91	60	95	82	7.7	5.9	30.4	—	—	—	—	1.4	08	2	12	1	10	2	00	0		
23	16.0	24.0	18.0	19.0	24.0	14.0	13.6	12.3	12.4	13.7	12.8	90	55	86	77	6.3	6.7	—	—	—	—	—	5.1	1.6	00	0	10	3	10	3	00	0	
24	15.8	23.6	18.6	19.2	25.6	15.5	15.2	12.9	13.3	14.5	13.6	96	60	91	82	7.0	4.6	5.1	—	—	—	—	14.7	1.2	00	0	02	1	10	2	00	0	
25	17.6	25.6	18.8	20.2	26.0	16.0	15.1	13.8	11.4	14.7	13.3	92	46	91	76	7.0	4.0	14.7	—	—	—	—	1.0	00	0	00	0	00	0	00	0		
26	17.8	24.9	18.8	20.1	25.5	16.0	15.5	13.8	14.0	14.6	14.1	91	60	90	80	6.3	6.1	—	—	—	—	—	1.2	00	0	10	1	10	2	10	3	00	0
27	18.6	25.0	19.1	20.4	26.2	17.9	16.7	14.4	13.8	14.2	14.1	90	58	86	78	7.3	6.0	—	—	—	—	—	1.6	00	0	10	2	10	3	00	0		
28	16.1	24.3	17.6	19.4	25.0	17.5	17.0	13.8	12.7	13.4	13.3	90	56	90	79	6.3	2.3	—	—	—	—	—	1.0	00	0	10	1	10	1	10	1	00	0
29	17.0	24.0	18.0	19.2	25.0	15.8	14.6	13.8	13.5	14.7	14.0	95	60	95	83	4.7	8.4	—	—	—	—	0.8	1.3	1.6	00	0	10	2	40	1	00	0	
30	17.0	23.2	18.6	19.4	25.4	16.5	16.0	14.0	15.1	15.3	14.8	96	71	95	87	7.3	4.5	—	—	—	—	0.5	0.3	0.6	32.0	1.2	00	0	12	1	00	0	
31	17.1	23.6	18.2	19.3	25.0	16.2	15.3	13.7	12.8	14.2	13.6	93	59	91	81	7.5	5.1	4.9	0.5	0.2	6.4	1.3	—	—	—	—	—	—	—	—	—	—	
Med	17.1	23.6	18.2	19.3	25.0	16.2	15.3	13.7	12.8	14.2	13.6	93	59	91	81	7.5	5.1	4.9	0.5	0.2	6.4	1.3	—	—	—	—	—	—	—	—	—	—	

Preceptación total : 193.0 mm

DATOS DIARIOS

Estación Restrepo Mes Mayo Año 1968 $\phi = 3^{\circ} 49' N$ $\lambda = 76^{\circ} 30' WGR$ Altura 1.400 m.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa				NUBOSIDAD DECIMOS	Brillo Solar Horas	PRECIPITACION			EVAPORACION		VIENTOS						
	Med.		Máx.		Mín.		Mín.		Med.		Máx.		Mín.		Med.				7	14	20	Total	Direc.	Fuerza	7		14		20	
	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	Direc.	Fuerza	Direc.	Fuerza									Direc.	Fuerza				
	°C	°C	°C	mm	mm	mm	%	%	%	mm	mm	mm	mm	mm	mm	mm									mm	mm	mm	mm	mm	mm
1	16.2	21.8	19.4	26.0	15.6	14.4	13.1	13.9	15.6	14.2	95	71	90	85	8.0	7.1	25.7	—	—	0.2	1.0	02	1	02	2	10	2			
2	15.2	26.2	18.8	28.4	14.0	13.0	12.4	13.3	14.7	13.5	96	52	91	80	7.0	7.8	0.2	—	—	—	1.6	00	0	12	3	10	2			
3	18.8	25.2	19.0	20.5	26.0	17.4	16.5	14.6	12.1	13.9	13.5	90	85	75	6.7	5.4	—	—	—	—	3.6	00	0	12	2	10	1			
4	18.2	25.4	19.0	20.4	28.0	16.8	15.5	14.9	14.6	14.5	14.7	95	60	88	81	7.7	5.6	—	—	—	—	1.4	00	0	14	1	10	3		
5	18.2	25.0	18.8	20.2	26.1	17.6	16.5	14.8	11.9	14.6	13.8	94	50	90	78	6.0	4.5	—	—	—	—	1.8	00	0	10	2	10	1		
6	18.8	24.4	18.2	19.9	25.0	17.4	16.4	13.2	12.2	14.1	13.2	81	53	91	75	8.3	5.4	—	—	—	—	1.0	00	0	10	2	10	3		
7	16.0	21.8	17.2	18.0	24.0	15.3	14.3	12.8	12.9	13.4	13.0	94	66	91	84	6.3	4.5	0.5	0.5	—	—	0.8	1.0	00	0	16	1	00	0	
8	17.2	20.4	17.0	17.9	21.3	14.8	14.0	13.9	14.5	13.2	13.9	94	80	91	88	8.3	0.4	0.3	0.8	0.3	1.1	—	—	—	—	—	—	—	—	
9	17.0	23.6	17.4	18.8	24.2	15.5	15.0	13.8	10.9	14.2	13.0	95	50	95	80	8.3	5.6	—	—	—	—	1.4	00	0	10	2	00	0	0	0
10	16.6	24.8	18.4	19.6	25.6	16.0	15.0	13.5	11.2	14.2	13.0	95	48	90	78	7.3	7.4	—	—	—	—	0.8	1.8	08	1	10	2	10	3	
11	17.1	26.1	17.5	19.6	27.0	16.3	15.5	13.8	10.0	13.5	12.4	95	40	90	75	8.0	8.4	0.8	0.1	—	—	—	—	—	—	—	—	—	—	—
12	14.9	25.6	19.6	19.9	26.4	13.5	12.4	12.1	13.1	15.4	13.5	96	53	90	80	7.0	8.4	—	—	—	—	—	—	—	—	—	—	—	—	—
13	18.4	25.0	19.0	20.4	25.4	18.0	16.5	15.1	12.2	14.8	14.0	95	51	90	79	8.7	8.8	—	—	—	—	—	—	—	—	—	—	—	—	—
14	16.4	26.2	17.4	19.4	26.4	16.0	15.5	12.2	12.4	14.2	12.9	87	48	96	77	7.0	6.1	6.1	6.1	0.3	—	—	—	—	—	—	—	—	—	—
15	16.4	23.8	17.5	18.8	24.9	14.9	14.2	12.7	12.8	14.0	13.2	91	58	93	81	6.7	8.0	4.3	0.1	—	—	—	—	—	—	—	—	—	—	—
16	16.6	25.0	18.1	19.4	25.2	16.0	15.0	13.9	11.9	14.1	13.3	98	50	92	80	8.7	6.9	0.3	—	—	—	—	—	—	—	—	—	—	—	—
17	17.3	25.2	16.8	19.0	25.9	17.0	15.5	13.7	12.1	12.9	12.9	93	50	90	78	7.7	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—
18	16.5	21.8	16.8	18.0	25.6	14.3	13.1	13.2	13.6	12.9	13.2	93	70	90	84	7.0	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—
19	14.2	23.8	18.1	18.6	24.9	12.5	12.0	11.5	12.5	13.8	12.6	95	57	90	81	9.0	7.6	1.1	—	—	—	—	—	—	—	—	—	—	—	—
20	17.8	22.0	18.7	19.3	25.3	17.0	16.0	14.7	9.8	14.3	12.9	96	50	88	78	8.3	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—
21	16.8	24.4	17.2	18.9	25.4	16.5	16.0	13.4	11.5	13.4	12.8	93	50	91	78	7.7	6.7	0.8	—	—	—	—	—	—	—	—	—	—	—	—
22	16.8	22.0	18.6	19.0	24.4	14.6	13.5	13.4	14.0	14.5	14.0	93	71	91	85	9.7	4.9	—	—	—	—	—	—	—	—	—	—	—	—	—
23	16.3	26.0	19.3	20.2	26.2	16.0	15.5	13.1	12.9	15.0	13.7	95	51	90	79	8.3	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—
24	18.0	24.4	19.8	20.5	27.0	17.0	16.5	14.6	14.0	14.8	14.5	94	62	86	81	8.7	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—
25	18.8	25.0	19.0	20.4	26.5	17.6	17.0	15.4	14.6	14.6	14.9	94	62	89	82	9.3	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—
26	17.3	23.0	17.8	19.0	25.0	16.7	16.2	13.7	13.1	13.7	13.5	93	62	90	82	7.3	7.3	10.7	0.1	0.6	0.7	1.0	08	1	10	1	08	2	—	—
27	17.2	24.7	18.7	19.8	26.4	16.5	16.0	14.0	11.8	15.7	13.8	95	50	96	80	9.3	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—
28	17.4	25.0	19.2	20.2	25.8	16.0	15.5	14.2	13.1	15.0	14.1	95	55	90	80	10.0	4.7	—	—	—	—	—	—	—	—	—	—	—	—	—
29	18.8	23.8	18.1	19.7	24.0	17.6	17.0	15.5	14.6	14.6	14.9	95	65	94	85	9.7	2.7	0.4	—	—	—	—	—	—	—	—	—	—	—	—
30	16.8	21.8	17.7	18.5	24.4	16.0	15.5	14.1	14.2	14.7	14.3	98	73	96	89	9.7	4.4	5.0	0.1	36.5	38.6	0.8	00	0	08	1	10	2	10	1
31	17.6	23.0	18.5	19.4	24.0	17.0	16.2	14.2	14.0	14.2	14.2	94	66	89	83	9.3	4.1	2.0	0.5	—	—	—	—	—	—	—	—	—	—	—
Med.	17.0	24.1	18.3	19.4	25.4	16.0	15.2	13.7	12.8	14.3	13.6	94	57	91	81	8.2	5.8	1.9	0.4	1.6	3.7	1.3	—	—	—	—	—	—	—	—

Precipitación total 115.6 m.m.

DATOS DIARIOS

Altura 1,400 M.

W.G.R. 30° 16' N 49° 31' W

AÑO 1968

Estación Registro Mes Junio

Días	TEMPERATURA						TENSION DEL VAPOR						Humedad Relative %				PRECIPITACION m.m.			EVAPORACION			VIENTOS																
	Med.		Max.		Min.		Med.		Max.		Min.		Med.		Max.		Med.		Med.		Med.		Med.		Med.		Med.		Med.		Med.		Med.		Med.				
	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20			
1	16.9	21.9	16.9	18.2	22.0	16.8	16.0	13.8	12.0	12.9	12.9	96	61	90	82	10.0	0.3	21.8	4.5	0.1	4.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2	16.9	19.8	18.0	18.2	22.2	15.9	15.1	13.8	13.1	14.7	14.5	96	88	95	93	9.7	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3	17.2	25.6	17.6	19.5	26.2	15.3	15.0	13.8	13.6	14.4	14.0	94	55	95	81	8.7	5.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4	17.0	22.2	17.9	18.8	25.6	16.5	15.5	14.0	14.6	13.7	14.1	96	72	90	86	9.3	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5	16.6	21.8	17.7	18.4	23.4	16.5	15.7	13.5	12.4	13.4	13.0	94	64	88	82	9.3	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6	15.8	18.4	15.1	16.2	19.9	15.6	15.0	12.5	11.3	11.6	11.8	93	71	90	85	9.0	0.2	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7	14.2	24.9	17.9	18.7	25.8	12.5	11.5	11.5	11.8	13.7	12.3	95	50	90	78	8.0	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	17.1	24.9	18.6	19.8	26.0	14.9	14.2	13.5	13.0	14.4	13.6	93	55	90	79	9.0	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	17.6	24.8	17.9	19.6	26.3	16.9	16.0	14.4	13.6	13.7	13.9	95	58	90	81	9.0	7.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	17.0	25.9	18.3	19.9	27.0	15.9	15.0	13.1	13.7	14.2	13.7	90	55	91	79	9.0	8.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	17.2	23.4	16.9	18.6	25.2	16.8	16.0	14.0	12.9	12.9	13.3	95	60	90	82	8.3	6.7	14.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	17.8	23.2	17.9	19.2	23.9	16.7	16.0	14.2	16.0	14.4	14.9	93	75	94	87	9.0	4.5	0.2	4.5	10.6	15.2	0.6	10	1	00	0	00	0	00	0	00	0	00	0	00	0	00	0	
13	17.7	23.2	17.7	19.1	25.6	16.6	15.5	13.7	12.8	14.6	13.7	90	60	95	82	9.3	4.5	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	17.3	24.6	18.0	19.5	24.9	16.5	15.5	14.0	13.6	13.8	13.8	95	58	90	81	9.0	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	17.4	26.3	18.6	20.2	26.8	16.5	15.5	14.0	13.6	13.8	13.8	96	50	93	80	9.0	7.0	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	18.6	21.0	17.9	18.9	23.9	18.0	16.5	12.4	13.0	13.7	13.0	76	70	90	79	9.7	1.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	16.4	23.8	17.4	18.2	22.0	15.5	14.5	13.1	12.9	13.3	13.1	93	66	90	83	9.3	2.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	16.0	21.2	17.7	18.6	24.0	15.4	14.3	12.8	12.4	14.6	13.7	95	60	86	80	9.3	6.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	17.1	23.4	18.4	19.3	25.0	17.0	16.0	13.8	13.1	13.7	13.5	95	60	86	80	9.3	6.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	17.8	24.0	18.2	19.6	25.0	16.8	16.0	14.6	14.2	14.0	13.7	95	55	90	80	8.0	7.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	17.0	23.0	17.0	18.5	23.7	16.0	15.3	13.8	14.0	13.1	13.6	95	66	90	84	9.3	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	17.0	22.2	17.6	18.6	23.4	16.3	15.4	13.7	14.6	14.0	14.1	94	72	93	86	10.0	3.6	2.5	5.4	1.5	14.5	1.2	00	0	10	2	10	2	10	2	10	2	10	2	10	2	10	2	
23	15.6	23.2	18.0	18.7	24.2	15.0	14.1	12.6	12.0	13.0	12.5	95	60	84	80	8.7	6.4	7.6	0.1	0.1	0.6	1.2	00	0	06	2	10	1	—	—	—	—	—	—	—	—	—	—	—
24	18.0	25.0	19.0	20.2	26.2	15.8	14.9	13.8	13.9	14.1	13.3	90	50	86	76	7.3	7.7	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	17.0	22.6	17.0	18.4	24.1	16.1	15.5	14.0	13.6	13.7	13.8	96	65	88	83	8.7	5.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	15.0	21.0	17.9	18.0	24.2	14.0	13.0	12.3	13.4	14.2	13.3	96	72	93	87	9.0	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	15.0	29.4	18.2	19.2	25.5	14.8	14.0	12.1	12.3	14.0	12.8	95	50	90	78	7.7	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	17.8	24.2	18.0	19.5	24.5	16.5	16.0	14.4	12.3	13.1	13.3	94	54	85	78	8.0	7.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	17.0	22.3	17.2	18.4	24.1	16.7	16.0	13.7	13.2	13.4	13.4	94	65	90	83	8.3	3.8	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	15.7	21.9	17.1	18.0	24.0	14.8	14.0	12.9	16.0	13.5	14.1	96	82	93	90	9.0	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Med.	16.8	23.2	17.7	18.9	24.5	16.0	15.1	13.5	13.2	13.7	13.5	94	62	90	80	8.9	5.1	2.0	0.7	0.6	2.7	1.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

Precipitación total 82.1 m.m.

DATOS DIARIOS

Estación Reotrepo Mes Julio Año 1928 $\phi = 31^{\circ} 49' N$ $\lambda = 76^{\circ} 30' WGR$ Altura 1.400 m.

Días	TEMPERATURA °C				TENSION DEL VAPOR mm m				Humedad Relativa %			NUBESADAS DECIOS	Brillo Solar Horas	PRECIPITACION mm			VIENTOS												
	7	14	20	Med.	Máx.	Mín.	Mínimo Suelo	Med.	7	14	20			Med.	7	14	20	Total	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	7	14	20						
																								DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora			
1	16.8	19.5	17.2	17.7	22.8	16.6	15.4	13.4	14.5	14.1	14.0	93	86	96	92	10.0	1.6	3.0	5.4	2.9	12.6	0.6	0.0	0	10	1	10	2	
2	14.8	21.9	17.6	17.9	24.1	13.5	12.0	11.9	14.1	13.8	13.3	95	72	92	86	8.3	5.8	4.3	—	—	—	1.0	0.2	1	10	2	00	0	
3	17.6	23.4	17.9	19.2	25.0	16.7	15.6	14.2	13.6	14.4	14.1	94	63	94	84	8.0	4.1	—	0.4	0.5	5.9	1.2	0.0	0	12	1	08	2	
4	18.1	23.6	18.4	19.6	24.0	17.4	16.5	13.8	12.2	13.3	13.1	90	55	95	80	7.7	3.1	5.0	—	1.5	1.5	1.0	1.0	1	10	1	08	1	
5	16.2	24.8	18.9	19.6	25.9	13.9	13.0	13.1	13.9	14.6	13.9	95	60	90	82	7.0	8.1	—	—	—	—	1.4	0.0	0	08	1	20	2	
6	18.3	22.6	17.7	19.1	23.6	17.9	17.0	14.5	14.3	13.7	14.2	93	68	90	84	8.3	0.4	—	—	—	—	0.6	0.0	0	00	0	10	3	1
7	15.7	25.4	18.4	19.5	26.5	15.3	14.5	12.8	13.6	14.2	13.5	95	56	90	80	7.3	7.9	—	—	—	—	1.6	0.0	0	16	2	08	2	
8	18.2	25.0	18.4	20.0	25.9	17.5	16.3	14.9	13.8	14.2	14.3	95	58	90	81	6.0	9.1	—	—	—	—	1.8	0.0	0	12	2	10	1	1
9	18.2	23.4	18.9	19.8	25.2	17.4	16.7	15.1	13.3	14.6	14.3	96	62	90	83	8.3	4.6	—	—	—	—	1.0	0.0	0	10	1	08	2	1
10	18.4	22.8	18.4	19.5	25.2	18.0	17.0	15.1	14.7	13.7	14.5	95	70	86	84	9.7	3.3	—	1.3	1.3	1.3	1.2	0.0	0	12	2	10	1	1
11	16.8	22.9	16.5	18.2	23.8	15.8	15.0	13.5	13.0	13.2	13.2	94	64	94	84	9.3	3.7	—	0.7	3.7	4.4	1.0	0.0	0	10	1	00	0	0
12	16.4	23.3	17.5	18.7	24.6	14.7	13.6	13.4	12.8	12.7	13.0	96	60	85	80	9.7	5.8	—	—	—	—	1.0	0.0	0	00	0	08	1	0
13	16.9	23.9	18.4	19.4	26.8	15.8	15.0	13.8	12.8	14.2	13.6	96	58	90	81	8.0	5.6	—	—	—	—	1.0	0.0	0	14	1	00	0	0
14	18.2	22.9	18.4	19.5	24.9	17.1	16.2	14.5	13.0	14.2	13.9	93	63	90	82	9.3	3.4	—	—	—	—	1.2	0.0	0	10	1	00	0	0
15	18.1	24.0	18.0	19.5	24.9	16.2	15.5	13.8	12.4	13.6	13.3	90	56	88	78	8.7	6.9	—	—	—	—	0.8	0.8	1	10	1	00	0	0
16	17.0	21.6	16.3	17.8	23.3	16.0	15.5	14.0	11.3	13.0	12.8	96	60	94	82	8.0	6.0	2.0	—	0.5	1.6	1.7	0.0	0	12	2	00	0	0
17	16.0	24.8	17.1	18.8	25.0	14.7	14.0	13.1	10.7	13.1	12.3	96	46	90	77	8.3	3.2	1.1	0.1	—	0.3	1.0	0.0	0	16	2	00	0	0
18	15.4	22.6	18.5	18.8	24.6	14.5	14.0	12.5	13.0	14.3	13.3	95	64	90	83	9.7	5.4	0.2	0.2	—	0.8	1.4	0.0	0	06	1	10	1	0
19	17.8	23.6	17.6	19.2	24.2	16.4	15.5	13.7	12.2	13.2	13.0	90	55	88	78	7.3	6.3	—	0.1	—	1.2	1.8	0.0	0	12	2	10	2	0
20	16.6	20.1	18.0	18.2	24.0	16.0	15.5	13.5	14.3	13.8	13.9	95	80	90	88	9.7	3.7	1.1	2.9	0.2	8.1	1.0	0.0	0	00	0	08	2	0
21	17.8	21.8	17.4	18.6	24.5	16.5	15.5	14.4	14.6	14.0	14.3	94	74	94	87	7.7	4.9	5.0	—	0.8	1.1	1.0	0.0	0	12	1	00	0	0
22	17.5	22.0	17.0	18.4	24.0	16.4	15.1	14.5	11.9	13.1	13.2	96	60	90	82	7.7	2.0	0.3	—	—	—	1.0	0.0	0	10	2	08	2	0
23	15.0	25.0	17.9	19.0	25.4	13.8	13.0	12.1	10.8	13.7	12.2	95	46	90	77	8.0	7.3	—	—	—	—	1.4	1.0	1	02	2	08	1	0
24	17.0	26.5	18.5	20.1	26.8	15.6	14.4	14.0	12.8	13.1	13.3	96	48	82	75	6.0	7.2	—	—	—	—	1.2	1.0	1	10	2	06	2	0
25	18.8	25.2	19.4	20.7	27.0	17.4	16.3	14.6	12.5	14.7	13.9	90	52	88	77	6.0	—	—	—	—	—	1.2	0.0	0	14	1	08	2	0
26	18.8	26.8	19.0	20.9	27.2	18.2	17.0	14.6	11.0	14.8	13.5	90	42	90	74	7.1	6.0	—	—	—	—	1.2	0.0	0	10	2	08	2	0
27	17.7	21.3	19.3	20.9	27.9	17.5	16.2	14.6	—	15.0	12.6	95	30	90	72	6.3	9.8	—	—	—	—	1.4	1.0	1	02	2	08	1	0
28	16.0	27.2	19.9	20.8	28.4	15.6	14.7	13.0	9.2	14.8	12.3	95	34	86	72	7.0	5.0	—	—	—	—	1.8	0.4	1	02	1	00	0	0
29	18.0	24.4	19.3	20.2	26.2	16.9	15.7	13.8	12.0	14.7	13.5	90	52	88	77	8.0	7.3	—	—	—	—	1.8	0.0	0	12	1	06	2	0
30	18.4	23.6	18.5	19.8	25.3	17.6	17.0	14.2	13.1	13.0	13.4	90	60	81	77	8.7	6.8	—	—	—	—	1.7	0.0	0	12	1	06	2	0
31	17.8	26.0	18.8	20.4	26.2	16.8	16.0	14.2	12.7	14.7	13.9	93	50	91	78	7.0	5.4	—	—	—	—	1.6	0.0	0	02	2	10	3	0
Med.	17.2	23.8	18.2	19.3	25.2	16.3	15.3	13.8	12.6	13.9	13.5	94	58	90	81	8.2	5.3	0.7	0.3	0.4	1.3	1.3	—	—	—	—	—	—	—

precipitación total : 41.0 m.m.

DATOS DIARIOS

Estación Restrepo Mes septiembre Año 1968 $\phi = 30^{\circ} 49' N$ $\lambda = 76^{\circ} 30' WGR$ Altura 1.400 M.

Días	TEMPERATURAS °C						TENSION DEL VAPOR mm						Humedad Relativa %						NUBOSIDAD DESBROS	Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS								
	7		14		20		7		14		20		7		14		20				7		14		20		7		14		20				
	Med.	Máx.	Mín.	Mínima Suelo	Med.	Máx.	Mín.	Mínima Suelo	Med.	Máx.	Mín.	Mínima Suelo	Med.	Máx.	Mín.	Mínima Suelo	Med.	Máx.			Mín.	Mínima Suelo	Med.	Máx.	Mín.	Mínima Suelo	Med.	Máx.	Mín.	Mínima Suelo	Med.	Máx.	Mín.	Mínima Suelo	
1	17.2	24.9	17.7	19.4	25.5	16.6	16.0	14.0	13.2	14.4	13.9	95	56	94	82	9.0	3.5	6.2	0.1	—	6.3	1.2	10	1	10	2	00	0							
2	16.8	24.6	18.1	19.4	24.6	16.5	15.5	13.8	11.9	14.5	13.4	96	51	93	80	10.0	1.4	6.2	2.5	—	2.5	1.1	00	0	12	1	00	0							
3	16.6	25.8	18.9	20.0	26.0	15.6	14.5	13.7	14.6	13.9	95	55	90	80	8.0	7.4	—	—	—	—	—	1.8	00	0	14	2	12	2							
4	17.8	22.8	18.8	19.6	25.2	17.3	16.9	14.4	14.0	13.4	13.9	94	67	82	81	9.7	2.8	—	—	—	—	1.2	00	0	0	0	16	1							
5	17.0	26.0	17.9	19.7	26.3	16.0	14.0	13.8	11.3	13.7	12.9	95	45	90	77	8.7	4.1	—	—	—	—	1.4	00	0	08	2	00	0							
6	18.4	25.9	18.4	20.3	26.8	15.0	15.3	14.4	11.4	14.2	13.3	91	46	90	76	7.0	6.7	—	—	—	—	2.0	00	0	10	2	10	3							
7	18.0	23.7	18.0	19.4	25.4	17.5	16.4	14.6	13.3	13.8	13.9	94	60	81	8.3	3.9	—	—	—	—	1.6	1.6	00	0	10	2	10	2							
8	18.4	22.1	17.3	18.8	23.4	17.5	16.6	14.2	14.6	13.2	13.3	90	63	90	81	8.0	2.5	1.6	—	—	—	—	1.2	10	1	08	1	10	1						
9	15.6	23.6	18.0	18.8	25.7	14.5	12.5	12.8	12.2	13.8	12.9	96	55	90	80	8.7	8.3	—	—	—	—	1.8	00	0	14	1	10	1							
10	17.8	25.2	18.3	19.9	26.7	16.0	15.4	14.6	12.1	14.0	13.6	95	50	90	78	9.0	6.3	4.0	—	—	—	—	1.8	00	0	12	1	00	0						
11	17.8	24.8	15.2	18.2	25.4	16.5	15.0	14.2	11.2	12.2	12.5	93	48	94	78	8.0	4.3	—	—	—	—	1.6	00	0	08	2	10	1							
12	16.0	26.6	19.0	20.2	26.8	13.5	12.0	13.0	9.2	14.5	12.2	95	35	86	73	8.3	9.0	—	—	—	—	—	2.2	00	0	00	10	2							
13	18.9	26.3	18.9	20.8	28.3	18.0	17.0	15.0	9.6	15.0	13.2	93	38	93	75	8.0	7.0	—	—	—	—	—	1.8	00	0	10	1	10	2						
14	16.4	25.7	19.6	20.3	26.2	16.2	15.0	13.3	12.8	14.4	13.5	95	51	85	77	8.7	7.8	4.4	—	—	—	—	0.1	3.8	2.0	00	0	10	3	08	1				
15	17.2	25.6	18.2	19.8	26.9	16.0	15.0	14.0	13.1	14.2	13.8	95	53	91	80	9.3	7.5	3.7	—	—	—	—	—	—	1.8	00	0	12	2	10	1				
16	17.6	24.4	18.0	19.5	25.0	16.5	15.2	14.4	13.7	13.6	13.9	95	60	88	81	8.7	8.1	—	—	—	—	—	—	—	1.8	00	0	10	2	00	0				
17	16.6	24.6	18.2	19.4	25.9	15.1	14.3	12.0	10.3	13.3	11.9	85	45	85	72	8.0	6.4	5.6	—	—	—	—	—	—	1.6	00	0	00	0	08	1				
18	15.3	25.6	17.9	19.2	26.4	14.6	13.4	12.7	11.8	14.2	12.9	98	48	93	80	9.3	5.1	—	—	—	—	—	—	—	7.0	7.0	2.0	00	0	16	1	10	1		
19	17.6	23.4	16.3	18.4	24.0	16.8	16.0	13.6	12.9	12.4	13.0	91	60	90	80	1.7	0.3	—	—	—	—	—	—	—	2.1	—	1.3	00	0	12	1	00	0		
20	16.0	26.3	19.8	20.5	27.0	13.4	12.5	13.1	12.8	14.7	13.5	96	50	85	77	6.7	7.3	—	—	—	—	—	—	—	—	1.8	00	0	10	1	08	2			
21	18.0	22.7	17.2	18.8	23.0	17.6	16.5	14.7	12.5	13.4	13.5	95	60	91	82	9.3	—	—	—	—	—	—	—	—	—	1.3	00	0	10	2	00	0			
22	16.1	24.8	18.9	19.7	25.9	14.5	13.3	13.0	12.3	13.1	12.6	95	52	80	76	8.7	4.2	—	—	—	—	—	—	—	—	1.4	00	0	02	1	08	2			
23	17.8	25.6	18.3	20.0	25.8	17.6	16.3	14.6	12.3	13.7	13.5	95	50	88	78	7.3	8.6	1.8	—	—	—	—	—	—	—	2.0	00	0	12	2	12	2			
24	15.0	25.0	18.6	19.3	26.0	13.5	11.5	12.5	12.2	14.4	13.0	98	51	90	80	6.3	8.3	—	—	—	—	—	—	—	—	2.0	00	0	10	2	00	0			
25	17.4	22.8	18.4	19.2	25.8	14.9	13.0	14.2	12.5	14.4	13.6	96	60	90	82	9.3	7.3	—	—	—	—	—	—	—	—	1.8	00	0	10	2	00	0			
26	16.2	23.4	18.4	19.1	26.3	14.5	13.0	13.3	12.0	13.5	12.9	96	56	85	79	9.7	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
27	14.6	18.0	18.6	17.4	24.0	14.0	12.4	11.9	14.7	13.1	13.6	96	93	88	93	9.7	3.4	—	—	—	—	—	—	—	—	14.3	13.6	35.3	1.6	00	0	12	2		
28	16.7	23.8	17.9	19.1	26.9	16.0	15.4	13.8	11.1	14.2	13.0	96	93	80	9.7	1.5	7.4	0.2	0.3	0.5	—	—	—	—	—	0.7	1.4	1	00	0	00	0			
29	16.5	21.8	17.3	18.2	25.9	15.5	14.9	13.5	15.6	13.9	14.3	96	80	94	90	9.7	2.8	—	—	—	—	—	—	—	—	1.2	1.0	2.2	1.0	00	0	00	0		
30	18.0	18.8	16.0	17.2	19.6	16.3	15.5	14.7	14.6	12.0	13.8	95	90	88	91	9.3	—	—	—	—	—	—	—	—	—	1.3	0.1	1.4	0.4	00	0	08	1	00	0
31																																			
Med.	17.0	24.1	18.1	19.3	25.6	15.8	14.7	13.7	12.4	13.6	13.3	94	56	89	80	8.6	5.0	1.4	0.7	0.8	2.6	1.6	—	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total 179.5 mm.

DATOS DIARIOS

Estación Rentrépo Mes Octubre Año 1908 9° 34' 49" N 76° 30' W.G.R. Altura 1,490 M.

Table with columns: Días, TEMPERATURAS (7, 14, 20, Med., Max., Min., Húmeda Suelo), TENSION DEL VAPOR (7, 14, 20, Med.), Humedad Relativa (7, 14, 20, Med.), NEBLINAS DECIMOS, Brillo Solar Horas, PRECIPITACION (7, 14, 20, Total) mm, EVAPORACION mm, VIENTOS (7, 14, 20) (DIRECCION, FUERZA, Km./Hora).

Precipitación total: 75.1 mm.

DATOS DIARIOS

Estación Restrepo Año 1968 Mes Noviembre $\phi = 3^{\circ} 49' N$ $\lambda = 76^{\circ} 30' W.G.R.$ Altura 1,409 M.

Días	TEMPERATURA °C						TENSIÓN DEL VAPOR mm						Humedad Relativa %						NEBLINAS y NUBES			Brillo solar Horas			PRECIPITACION mm			EVAPORACION mm			VIENTOS						
	7		14		20		7		14		20		7		14		20		7			14			20			7			14			20			
	Med.	Min.	Máx.	Min.	Máx.	Med.	Med.	Min.	Máx.	Med.	Min.	Máx.	Med.	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	DIREC.	FUERZA	DIRC.	FUERZA	DIRC.	FUERZA			
1	17.4	25.0	18.4	19.8	25.9	16.0	15.0	13.9	13.3	94	50	88	77	7.0	8.3	—	—	—	—	—	—	—	—	—	—	—	1.8	00	0	10	2	00	0				
2	16.2	24.5	17.5	18.9	24.7	15.0	14.0	13.1	12.3	13.4	12.9	95	53	90	79	7.0	3.5	—	—	—	—	—	—	—	—	—	1.3	00	0	00	0	00	0				
3	18.1	25.0	18.9	20.2	26.3	16.2	15.2	14.5	13.4	14.6	14.2	93	56	90	80	7.7	8.4	—	—	—	—	—	—	—	—	—	1.4	00	0	10	2	08	1				
4	19.4	23.6	18.1	19.8	24.8	18.2	16.5	16.1	12.6	13.6	14.1	95	58	88	80	10.0	4.3	—	—	—	—	—	—	—	—	—	1.6	00	0	12	1	12	1				
5	18.0	24.6	18.2	19.8	25.2	17.5	16.0	13.8	12.6	14.2	13.5	95	54	91	78	7.7	5.0	—	—	—	—	—	—	—	—	—	1.7	00	0	10	2	00	0				
6	17.0	25.8	19.0	20.2	27.1	16.0	14.5	13.8	12.5	13.8	13.7	95	50	90	78	6.7	8.8	—	—	—	—	—	—	—	—	—	1.8	00	0	10	2	12	2				
7	18.8	24.6	19.5	20.6	27.1	17.5	16.0	14.5	11.7	14.8	13.7	88	50	88	75	7.3	7.9	—	—	—	—	—	—	—	—	—	1.4	10	1	10	1	12	1				
8	17.8	24.6	18.2	19.7	26.3	17.0	16.0	13.4	11.7	13.7	12.9	88	50	88	75	9.0	3.6	1.4	—	—	—	—	—	—	—	—	1.8	00	0	10	1	08	1				
9	17.9	25.4	18.0	19.8	25.8	16.0	15.2	13.4	11.6	13.8	12.9	88	48	90	75	9.0	3.7	—	—	—	—	—	—	—	—	—	1.4	00	0	10	1	08	1				
10	17.8	25.8	17.9	19.8	27.0	16.5	16.0	14.2	12.5	14.7	13.8	93	50	96	80	9.3	7.2	—	—	—	—	—	—	—	—	—	1.8	00	0	12	2	12	1				
11	18.0	25.0	18.0	19.8	25.4	17.0	16.3	14.7	11.9	13.1	13.2	95	50	85	77	9.0	5.2	—	—	—	—	—	—	—	—	—	1.1	0.3	0.8	1.0	1	08	2				
12	17.7	23.0	17.3	18.8	24.0	16.6	16.0	11.7	11.3	12.5	11.8	76	53	85	71	9.7	2.1	—	—	—	—	—	—	—	—	—	1.6	00	0	14	2	10	2				
13	16.6	25.4	18.3	19.6	25.5	15.0	14.1	13.6	12.3	14.0	13.3	96	50	90	79	9.0	6.3	—	—	—	—	—	—	—	—	—	1.6	00	0	02	1	08	1				
14	17.4	21.8	17.6	18.6	24.9	16.0	14.5	14.0	14.7	14.0	14.2	94	75	93	87	9.7	1.6	—	—	—	—	—	—	—	—	—	1.1	00	0	04	1	12	1				
15	17.3	23.6	17.8	19.1	25.5	16.5	15.5	13.7	11.7	13.7	13.0	93	53	90	78	8.7	4.0	—	—	—	—	—	—	—	—	—	0.2	6.9	7.2	—	—	—	—				
16	16.0	22.0	17.0	18.0	23.3	15.9	15.0	13.1	11.9	13.5	12.8	96	60	93	83	9.0	0.3	15.1	10.6	0.5	11.3	0.8	00	0	12	2	00	0	16	1	10	1					
17	14.0	22.0	18.0	18.0	23.6	13.2	12.4	11.7	13.8	15.3	13.6	98	70	84	84	8.7	4.1	0.2	0.3	6.5	6.8	0.8	00	0	06	1	08	1	08	1	08	1					
18	14.6	23.3	17.6	18.3	24.3	14.3	13.2	12.2	11.8	13.5	12.5	98	56	90	81	8.7	8.8	—	—	—	—	—	—	—	—	—	0.1	0.1	0.1	1.8	00	0	12	2	12	2	
19	16.8	23.9	18.0	19.2	25.4	15.4	14.1	13.5	13.8	13.8	13.7	95	62	90	82	8.7	6.1	—	—	—	—	—	—	—	—	—	1.0	00	0	02	1	08	1				
20	17.1	21.1	18.4	18.8	24.9	16.8	16.0	13.8	15.9	14.2	14.6	95	86	90	90	9.0	2.6	2.6	1.9	—	—	—	—	—	—	—	1.9	0.8	00	0	08	1	08	1			
21	15.8	23.5	18.1	18.9	24.6	14.0	13.5	12.8	13.0	13.6	13.1	95	60	88	81	9.3	4.2	—	—	—	—	—	—	—	—	—	0.2	0.2	6.7	1.2	00	0	10	2	10	1	
22	16.6	23.1	17.7	18.8	24.0	15.5	15.0	13.6	12.6	13.2	13.1	96	60	90	82	9.7	1.2	6.3	—	—	—	—	—	—	—	—	0.6	5.6	0.9	00	0	00	0	08	1		
23	17.6	24.4	17.7	19.4	25.2	16.8	16.0	14.2	12.0	13.8	13.3	94	52	91	79	9.3	7.1	5.0	—	—	—	—	—	—	—	—	7.4	1.3	00	0	10	2	10	2			
24	16.7	19.6	17.5	17.8	24.9	15.8	15.0	13.8	14.5	13.4	13.9	96	85	90	90	9.3	3.9	7.4	1.1	6.6	7.9	0.8	00	0	10	0	00	0	10	1	08	3					
25	17.4	24.6	17.7	19.4	24.9	16.8	16.0	14.2	12.6	13.7	13.5	96	54	90	80	9.0	6.7	0.2	0.1	—	—	—	—	—	—	—	0.1	1.2	00	0	10	1	00	0			
26	17.8	21.4	18.6	23.6	25.6	14.4	14.4	13.7	14.8	14.0	14.2	90	74	94	86	9.7	5.2	—	—	—	—	—	—	—	—	—	1.4	2.8	7.7	1.3	00	0	10	2	08	1	
27	16.4	21.7	18.0	18.5	24.0	16.0	15.4	13.4	13.6	13.8	13.6	96	70	90	85	9.0	2.7	3.5	—	—	—	—	—	—	—	—	0.2	0.2	0.7	00	0	10	1	08	2		
28	16.3	23.2	17.9	18.8	23.6	15.5	15.0	13.1	13.4	13.9	13.5	95	64	92	84	9.3	2.7	—	—	—	—	—	—	—	—	—	2.3	—	—	2.3	0.8	00	0	10	2	10	3
29	18.0	24.6	18.0	19.6	25.8	17.1	16.6	13.8	14.4	13.6	13.9	90	62	88	80	7.7	5.2	—	—	—	—	—	—	—	—	—	0.1	—	—	0.1	1.1	00	0	10	1	08	1
30	17.1	17.7	16.5	17.0	18.7	16.6	16.1	14.0	13.7	12.8	13.5	96	90	91	92	9.0	—	—	—	—	—	—	—	—	—	—	—	7.6	0.9	11.6	0.8	00	0	10	2	10	3
31																																					
Med.	17.1	23.5	17.9	19.1	24.9	16.1	15.2	13.6	12.9	13.8	13.4	93	60	90	81	8.7	4.7	1.4	0.9	1.0	3.3	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total 199.9 mm.

DATOS DIARIOS

Estación R. S. T. R. P. O. Año 1968. Mes Diciembre. $\phi = 3^{\circ} 49' N$ $\lambda = 76^{\circ} 30' WGR$. Altura 1,490 M.

Días	TEMPERATURAS					TENSION DEL VAPOR					Humedad Relativa			Brillo Solar		PRECIPITACION			VIENTOS							
	7	14	20	Med.	Máx. Min.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	Horas	DECIMOS.	7	14	20	Total	7	14	20	FUERZA DIRECCION	FUERZA DIRECCION	FUERZA DIRECCION
1	16.2	21.1	17.1	17.9	22.1	15.6	14.8	13.3	13.5	13.5	13.4	96	72	93	87	9.7	0.3	3.1	4.6	—	4.6	0.8	0.0	0.8	0.0	0.0
2	16.8	20.4	17.5	18.0	22.0	15.3	15.0	13.1	14.5	14.7	14.1	91	80	90	10.0	1.7	—	7.1	6.3	14.1	—	0.6	0.0	0.0	0.0	0.0
3	16.0	22.4	16.9	18.0	23.3	15.0	14.1	13.7	14.1	13.7	12.9	100	66	90	8.3	2.1	0.7	—	—	—	—	1.6	0.0	0.1	1.2	0.8
4	16.8	23.6	16.8	18.5	24.9	15.7	15.0	13.1	11.7	12.4	12.4	91	53	87	7.7	2.3	6.5	—	0.1	0.1	—	1.6	0.8	1.0	1.2	0.0
5	14.8	24.2	16.9	18.2	25.0	14.4	13.0	12.1	11.4	12.4	12.4	96	50	87	7.8	3.0	3.6	—	—	—	—	1.0	0.0	0.2	1.0	0.8
6	15.0	25.2	18.6	19.4	25.3	13.8	13.0	11.8	12.1	14.4	12.8	93	50	90	7.8	8.0	7.5	—	—	—	—	1.6	0.0	0.10	1.2	0.8
7	17.8	26.2	18.7	20.4	26.4	17.0	16.0	14.4	12.8	14.6	13.9	94	50	90	7.8	8.3	7.8	—	—	—	—	1.8	0.0	0.10	1.2	1.0
8	17.6	23.0	18.1	19.2	25.9	17.4	16.5	14.0	13.2	14.0	13.7	93	64	91	8.3	9.3	6.1	—	2.8	—	—	2.8	1.2	0.0	0.10	1.0
9	18.2	24.3	19.2	20.2	24.5	17.5	16.5	14.5	13.8	14.4	14.2	93	68	87	8.0	10.0	4.6	—	—	—	—	1.1	1.4	0.0	0.10	1.0
10	18.4	25.0	18.3	20.0	25.4	18.3	17.3	13.8	11.9	13.3	13.0	87	50	89	7.4	8.0	3.2	—	—	—	—	1.1	1.6	0.0	0.10	1.0
11	17.6	24.0	18.6	19.7	25.2	15.0	14.2	14.4	13.5	14.4	14.1	95	60	90	8.2	8.7	5.9	—	—	—	—	1.4	0.0	0.00	0.12	1.0
12	18.4	22.0	18.7	19.4	25.2	17.4	16.2	14.6	15.8	14.6	15.0	93	80	90	8.8	9.0	5.7	—	—	—	—	2.0	1.6	0.0	0.12	0.8
13	17.4	25.8	18.6	20.1	26.3	17.0	16.5	14.0	11.4	14.4	13.2	92	56	90	7.9	9.7	8.3	—	—	—	—	—	1.4	0.0	0.10	0.0
14	19.0	24.7	18.1	20.0	25.9	17.6	16.0	15.1	13.2	13.8	14.0	92	56	90	7.9	9.0	8.8	—	—	—	—	—	1.8	0.0	0.10	1.2
15	18.2	26.2	19.8	21.0	26.7	17.3	16.5	14.9	13.1	15.0	14.3	95	51	90	7.9	7.0	8.1	—	—	—	—	—	1.8	0.0	0.12	1.0
16	19.2	25.5	18.8	20.6	26.2	17.5	16.5	15.4	10.3	13.7	13.1	93	42	85	7.3	6.7	9.0	—	—	—	—	—	2.0	0.0	0.12	0.8
17	16.1	26.0	18.8	19.9	26.2	15.0	13.7	13.3	12.7	14.6	13.5	96	50	90	7.9	6.0	7.3	—	—	—	—	—	1.8	0.0	0.10	1.0
18	18.8	24.9	19.4	20.6	26.4	18.0	17.1	15.0	12.7	15.2	14.3	93	54	90	7.9	7.7	6.6	—	—	—	—	—	1.8	0.0	0.12	1.2
19	19.4	25.7	19.2	20.9	26.3	17.8	16.7	13.5	12.5	14.1	13.4	80	50	85	7.2	7.7	8.3	—	—	—	—	—	1.8	0.8	2.10	1.0
20	17.4	25.6	19.3	20.4	25.9	16.0	14.5	14.2	12.9	14.2	13.8	95	52	86	7.8	7.7	7.1	—	—	—	—	—	1.6	0.0	0.12	0.0
21	18.6	25.7	19.0	20.6	27.0	17.5	16.2	14.8	12.5	14.9	14.1	93	50	91	7.8	8.3	7.4	—	—	—	—	—	1.8	0.0	0.14	0.0
22	17.7	20.8	18.6	18.9	24.9	17.3	16.4	14.7	14.7	14.4	14.6	96	80	80	8.9	8.0	3.5	—	—	—	—	—	4.0	1.0	0.02	1.00
23	17.4	23.6	17.4	19.0	24.2	16.5	15.4	13.6	10.9	12.9	12.5	91	50	87	7.6	8.7	5.8	—	—	—	—	—	1.5	1.0	1.0	1.0
24	16.3	23.9	17.9	19.0	25.0	16.0	15.5	13.0	12.4	13.8	13.1	94	56	91	8.0	8.0	5.3	—	—	—	—	—	0.4	1.2	1.0	1.0
25	16.0	25.6	18.6	19.7	25.6	15.6	15.0	13.0	12.2	14.0	13.1	95	51	87	7.8	6.7	6.4	—	—	—	—	—	1.3	0.0	0.10	0.8
26	17.5	25.9	18.3	20.0	25.9	16.9	16.0	14.5	12.5	14.2	13.7	97	50	91	7.9	6.7	8.1	—	—	—	—	—	1.3	0.0	0.10	0.8
27	17.2	25.0	18.4	19.8	25.4	15.5	13.7	14.1	11.9	13.1	13.0	96	50	84	7.7	8.7	7.6	—	—	—	—	—	1.8	0.0	0.16	0.8
28	17.9	23.2	17.6	19.1	24.3	17.3	16.2	13.9	12.6	14.0	13.5	92	60	93	8.2	7.7	1.5	—	—	—	—	—	1.2	0.0	0.10	0.0
29	14.2	26.1	18.6	19.4	26.8	17.4	16.2	11.6	12.2	14.0	12.6	96	48	87	7.7	6.7	8.3	—	—	—	—	—	1.6	0.0	0.10	0.0
30	17.8	26.0	18.8	20.4	26.2	17.6	16.8	13.7	11.6	14.0	13.1	90	46	86	7.4	7.0	7.3	—	—	—	—	—	1.4	0.0	0.10	0.2
31	17.7	25.0	18.8	20.1	26.0	16.1	14.9	14.6	12.5	14.6	13.9	95	52	90	7.9	7.0	6.7	—	—	—	—	—	1.8	0.0	0.10	1.2
Med.	17.3	24.4	18.4	19.6	25.4	16.4	15.4	13.9	12.6	14.0	13.5	93	56	89	7.9	8.1	6.2	—	—	—	—	—	1.5	—	—	—

Precipitación total : 39.0 mm.

RESUMEN MENSUAL Y ANUAL

ESTACION, Rosafra

AÑO, 1968

MES	PRESION ATMOSFERICA SOBRE 600 MM. HG.			TEMPERATURA			TEMPERATURAS EXTREMAS						HUMEDAD RELATIVA			TENSION DEL VAPOR			NUBOSIDAD MEDIA EN DECIMOS			BRILLO SOLAR EN HORAS			EVAPORACION MM.			PRECIPITACION				
	MINIMA	MAXIMA	DA	7	14	20	MINIMA	MAXIMA	DA	MINIMA	MAXIMA	MEDIA	MINIMA	MAXIMA	DA	7	14	20	MINIMA	MAXIMA	MEDIA	7	14	20	SUMA	7	14	20	SUMA	DAS LLUVIOSOS	MAXIMA	DA
ENERO				16.9	23.6	18.2	19.3	25.2	16.2	27.3	19	13.0	2	15.2	96	63	93	84	50	16.0	12.4	14.1	8.0	6.6	1.4	29.5	24.4	13.9	70.4	9	25.3	12
FEBRERO				16.8	23.8	16.0	19.1	24.7	16.2	26.6	16	13.8	V	15.2	96	61	93	83	51	16.3	11.4	13.8	8.7	4.9	1.4	59.4	26.3	2.9	86.0	13	32.8	28
MARZO				16.8	23.9	18.3	19.3	25.0	16.0	26.9	V	13.1	5	14.9	94	57	89	80	48	15.6	10.4	13.4	8.0	5.6	1.4	36.2	29.4	4.5	71.0	15	12.5	18
ABRIL				17.1	23.6	18.2	19.3	25.0	16.2	27.2	3	14.0	23	15.3	93	59	91	81	46	15.4	10.4	13.6	7.5	5.1	1.2	44.6	15.0	7.1	193.0	21	33.5	10
MAYO				17.0	24.1	18.3	19.4	25.4	16.0	28.0	4	12.5	19	15.2	94	57	91	81	40	15.7	9.8	13.6	8.2	5.8	1.3	58.2	12.9	48.4	115.6	19	38.6	30
JUNIO				16.8	23.2	17.7	18.9	24.5	16.0	27.0	1	12.5	7	15.1	94	68	90	82	50	16.0	11.3	13.5	8.9	5.1	1.2	61.0	20.5	19.4	82.1	17	15.2	12
JULIO				17.2	23.8	18.2	19.3	25.2	16.3	28.4	28	13.5	2	15.3	94	58	90	81	30	15.1	8.2	13.5	8.2	5.3	1.3	22.0	10.4	11.6	41.0	14	12.6	1
AGOSTO				17.2	24.4	18.4	19.6	25.5	16.5	27.3	13	13.0	7	15.5	94	56	89	80	44	15.6	10.0	13.5	8.5	5.7	1.6	21.0	31.2	8.6	69.0	17	15.1	6
SEPTIEMBRE				17.0	24.1	18.1	19.3	25.6	15.8	28.3	13	13.4	20	14.7	94	56	89	80	35	15.6	9.2	13.3	8.6	5.0	1.6	40.9	22.1	22.7	79.5	14	35.3	27
OCTUBRE				16.9	23.9	18.0	19.2	25.1	15.9	26.8	V	12.0	27	15.0	93	54	90	79	38	15.2	9.8	13.0	8.6	4.7	1.4	63.9	8.1	3.1	75.1	20	13.5	30
NOVIEMBRE				17.1	23.5	17.9	19.1	24.9	16.1	27.1	V	13.2	17	15.2	93	60	90	81	48	16.1	11.3	13.4	8.7	4.7	1.3	42.2	25.9	28.7	99.9	21	15.6	15
DICIEMBRE				17.3	24.4	18.4	19.6	25.4	16.4	27.0	21	13.4	29	15.4	93	56	89	79	46	15.8	10.3	13.5	8.1	6.2	1.5	12.8	22.4	6.9	39.0	11	14.1	2
MEDIA ANUAL				17.0	23.9	18.1	19.3	25.1	16.1	27.3	—	13.1	—	15.2	94	58	90	81	44	15.7	10.4	13.5	8.3	5.4	1.4	49.6	20.7	14.8	85.1	191	22.0	—

PRECIPITACION TOTAL: 1.021.6

PRECIPITACION MAXIMA: 38.6-7 - 30

DIAS LLUVIOSOS: 191

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

AÑO: 1968

ESTACION: Neotropo

MESES	PRECIPITACION												TOTAL				TEMPERATURA					
	7 HORAS			14 HORAS			20 HORAS			Més de:			Mínimo Abajo de 15°C	Mínimo Abajo de 17°C	Máximo Abajo de 23°C	Máximo Arriba de 27°C						
	Més de: 01-10	100	200-500	Més de: 01-10	100	200-500	Més de: 01-10	100	200-500	01-10	25	50					100	200	500			
ENERO	5	3	2	5	3	1	4	2	1	-	-	9	8	7	5	3	1	6	8	2	1	
FEBRERO	10	6	2	8	4	1	2	1	-	-	-	13	9	8	6	2	1	-	4	9	4	-
MARZO	9	7	-	8	5	-	4	2	-	-	-	15	10	8	6	2	-	-	8	9	1	-
ABRIL	12	8	6	15	3	-	5	1	-	-	-	21	12	10	7	3	-	-	5	9	2	2
MAYO	14	7	2	11	2	-	6	3	1	1	-	19	10	8	7	4	2	-	7	10	1	3
JUNIO	11	7	2	10	5	-	10	5	1	-	-	17	12	10	6	3	-	-	6	2	4	1
JULIO	9	7	-	7	2	-	10	4	-	-	-	14	9	4	3	1	-	-	6	10	1	4
AGOSTO	8	5	-	12	4	1	7	2	-	-	-	17	9	7	6	2	-	-	3	14	3	4
SEPTBRE.	9	9	-	8	5	1	8	3	1	-	-	14	13	8	4	1	1	-	10	6	2	2
OCTUBRE	14	12	2	9	2	-	6	1	-	-	-	20	14	10	4	2	-	-	7	8	1	-
NOVIEMBRE	11	7	1	12	5	1	15	5	-	-	-	21	15	11	10	3	-	-	5	6	1	3
DICIEMBRE	6	3	-	7	7	-	4	1	-	-	-	11	9	6	2	1	-	-	6	15	2	1
SUMA ANUAL	118	81	17	5	-	-	112	47	5	-	-	191	130	97	69	31	8	-	73	106	24	21

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	PRECIPITACION MAS DE 0.1 MM.																								TOTAL
	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	
ENERO	3	3	3	2	2	2	2	3	1	1	1	1	2	3	3	1	1	1	1	1	1	1	3	3	10
FEBRERO	2	3	3	3	4	4	4	5	4	2	1	-	1	2	2	2	1	1	1	1	1	1	2	3	13
MARZO	3	4	5	2	3	4	4	5	3	2	-	2	3	3	2	1	-	-	3	4	3	3	3	3	16
ABRIL	5	5	7	7	6	6	7	5	2	1	2	2	4	3	-	-	1	-	2	3	4	4	3	3	23
MAYO	3	2	5	3	7	7	4	5	2	1	3	3	5	4	4	2	2	2	2	3	3	4	3	4	15
JUNIO	7	6	6	6	3	5	4	5	2	1	2	-	3	7	5	1	1	2	4	3	3	4	3	4	20
JULIO	1	2	2	6	7	5	2	4	-	-	-	5	3	6	1	1	1	1	3	2	1	1	1	1	14
AGOSTO	1	2	4	5	4	3	3	5	5	1	-	2	4	2	2	1	-	4	1	1	1	1	2	3	16
SEPTBRE.	3	4	5	6	6	4	4	4	4	1	-	2	4	5	1	-	1	1	1	1	1	1	1	2	16
OCTUBRE	5	5	7	8	6	7	5	6	5	3	1	3	2	2	-	1	1	2	-	3	3	3	4	4	21
NOVIEMBRE	7	5	3	3	4	3	3	5	2	3	1	4	2	7	6	4	4	6	4	7	5	6	7	6	21
DICIEMBRE	3	2	2	-	1	2	-	-	2	1	-	1	4	4	1	1	2	-	1	1	2	-	1	2	12
SUMA ANUAL	43	43	92	51	53	52	41	54	35	16	7	16	33	48	39	19	14	17	20	28	27	28	35	36	197

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: R e s t r e p oAño 1.968

MESES	TOTAL				No. PRECIPITACIONES				CANTIDAD		DURACION				PRECIPITACION MAXIMA				DURACION MAXIMA			
	m. m.	Días	No. PRECIPITACIONES		Total Día	Total Noche	Día	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. (este.)			
			Día	Noche																Total		
Enero	70.4	9	10	11	21	38.5	31.9	10:40'	16:00'	26:40'	25.3	1:00'	0.42	9.2	1.8	6:40'	10.1	0.02	0.6	0.1		
Febrero	86.0	13	14	13	27	33.9	52.1	15:50'	16:05'	31:55'	32.7	3:20'	0.16	5.6	1.1	5:05'	12.7	0.04	1.4	0.3		
Marzo	71.0	15	12	24	36	29.6	41.4	12:50'	24:40'	37:30'	11.3	3:55'	0.05	1.9	0.2	3:55'	11.3	0.05	1.9	0.2		
Abril	193.0	21	15	24	39	12.5	180.5	8:10'	48:50'	57:00'	33.0	6:15'	0.09	4.0	0.8	7:50'	19.6	0.04	1.5	0.3		
Mayo	115.6	19	22	28	50	61.2	54.4	16:10'	26:40'	42:50'	36.5	4:30'	0.14	7.5	1.5	4:30'	36.5	0.14	7.5	1.5		
Junio	82.1	17	27	22	49	40.1	42.0	19:50'	26:25'	46:15'	14.2	2:30'	0.09	3.1	0.6	5:30'	6.3	0.02	0.3	0.1		
Julio	41.0	14	19	17	36	21.6	19.4	10:20'	16:05'	26:25'	5.3	0:50'	0.11	2.9	0.6	3:05'	4.7	0.02	0.4	0.1		
Agosto	69.0	17	18	13	31	39.5	29.5	12:15'	22:55'	35:10'	15.1	3:10'	0.08	2.0	0.4	4:35'	9.9	0.04	1.5	0.3		
Septbre.	79.5	14	14	14	28	42.0	37.5	9:55'	26:30'	36:25'	27.9	1:20'	0.35	8.3	1.7	5:45'	7.3	0.02	0.3	0.1		
Octbre.	75.1	20	20	27	47	13.5	61.6	11:05'	37:40'	48:45'	13.5	3:10'	0.07	2.5	0.5	3:35'	13.3	0.06	3.0	0.6		
Novbre.	99.9	21	37	24	61	53.8	46.1	29:55'	39:40'	69:35'	10.1	1:00'	0.17	3.0	0.6	6:45'	7.8	0.02	0.3	0.1		
Dicbre.	39.0	11	14	6	20	29.8	9.2	11:35'	7:05'	18:40'	12.9	3:35'	0.06	2.5	0.5	4:00'	5.2	0.02	0.8	0.2		
TOTALES	1021.6	191	222	223	445	416.0	605.6	168:35'	308:35'	477:10'	237.8	34:35'	XX	XX	XX	61:15'	144.7	XX	XX	XX		

DATOS DIARIOS

Estación DOLOROS

Mes ENERO

Año 1968

$\phi = 3^{\circ} 31' N$ $\lambda = 74^{\circ} 53' W.G.R.$

Altura 1.320 M.

Días	TEMPERATURAS					TENSIÓN DEL VAPOR					Humedad Relativa			NUBOSIDAD		Brillo Solar		PRECIPITACION			EVAPORACION			VIENTOS								
	7		14		20		7		14		20		Med.		7		14		20		7		14		20		7		14		20	
	Med.	Mín.	Máx.	Mín.	Máx.	Mín.	Suelo	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	Med.	
1	18.6	23.0	20.0	20.4	25.0	16.0	15.0	14.0	12.8	14.1	13.6	87	61	80	76	4.0	8.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	15.8	24.8	20.2	20.2	25.5	15.0	14.4	12.0	10.5	7.8	9.4	89	36	44	56	2.7	10.2	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
3	17.0	25.2	20.6	20.8	25.5	16.0	15.0	10.4	8.7	10.0	10.4	71	45	55	57	2.7	10.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4	17.4	24.0	20.8	20.8	25.0	16.4	15.3	11.3	14.6	12.4	12.8	75	65	68	69	4.0	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5	18.4	20.0	20.7	20.8	25.0	16.8	15.4	13.4	12.4	12.1	12.6	86	56	66	69	7.3	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6	18.8	21.8	20.0	20.2	23.0	17.4	16.5	12.4	12.4	11.4	12.1	76	64	65	68	8.0	4.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7	18.0	23.2	18.8	19.7	24.0	17.4	16.3	11.2	10.4	9.9	10.5	72	48	60	60	6.3	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	18.4	21.6	19.9	20.0	23.2	17.5	16.5	13.2	13.2	11.6	12.3	84	80	76	80	6.7	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	19.0	24.4	20.6	21.2	25.0	17.9	17.0	12.3	12.6	11.2	12.0	75	55	61	64	5.3	7.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	20.0	25.0	21.0	21.8	26.2	18.0	17.0	12.0	11.9	10.9	11.6	68	50	58	59	6.0	9.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	19.0	25.9	21.6	22.0	26.6	18.3	17.4	13.2	12.0	11.6	12.3	80	48	60	63	6.0	9.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	18.6	25.0	20.8	21.3	26.2	17.4	16.4	13.8	14.2	14.7	14.2	86	60	60	79	8.0	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	18.6	25.0	20.8	21.3	26.2	17.4	16.4	13.8	14.2	14.7	14.2	86	60	60	79	8.0	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	19.2	21.2	18.6	19.4	22.2	17.6	16.5	15.9	16.1	13.4	15.1	95	86	84	88	8.7	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	18.0	23.3	21.0	20.8	24.3	16.5	16.0	14.5	13.0	11.3	13.6	93	70	66	74	8.0	5.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	19.0	23.4	20.0	20.6	24.8	16.4	15.1	13.7	13.6	11.4	12.9	94	64	65	74	6.0	7.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	17.0	24.4	20.8	20.8	26.0	16.5	15.7	13.1	13.7	14.7	13.8	90	60	60	80	7.3	9.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	16.8	23.0	21.9	20.9	25.0	16.0	15.1	13.4	14.8	11.8	13.3	93	70	60	74	4.0	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	18.8	25.9	21.8	22.1	27.0	17.8	16.6	13.1	14.9	14.8	14.3	80	60	76	72	5.3	8.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	18.8	24.0	22.0	21.7	26.8	17.6	16.8	15.5	11.2	9.8	12.2	95	50	50	65	6.0	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	18.0	22.9	19.9	20.2	24.9	17.3	16.5	14.9	12.5	14.8	14.1	96	60	86	81	7.3	6.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	18.0	22.0	20.9	20.4	24.0	17.0	16.3	15.6	16.4	16.4	16.1	100	84	90	91	7.3	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	16.4	21.6	19.8	18.0	21.0	15.9	15.0	14.1	15.8	14.2	14.7	100	94	93	94	10.0	0.1	29.4	4.8	9.2	14.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	17.4	21.6	19.8	19.6	23.0	16.8	15.4	14.2	15.4	15.6	15.1	95	80	90	88	8.0	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	17.0	18.1	17.4	17.5	20.6	15.8	15.0	13.1	13.8	14.0	13.6	90	94	91	10.0	0.8	35.1	0.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	16.6	23.0	20.3	20.0	25.0	16.2	15.5	12.8	13.2	9.9	12.0	90	63	56	70	5.3	6.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	17.4	25.4	22.1	22.6	17.0	17.0	16.0	13.3	14.2	11.3	12.9	90	58	54	67	4.7	10.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	19.0	24.0	22.8	21.6	26.4	18.0	17.1	15.9	14.6	12.4	14.3	96	65	64	75	6.7	8.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	17.6	20.0	19.1	19.0	22.2	16.8	16.0	14.2	14.4	14.8	14.5	94	82	90	89	9.3	2.8	23.2	1.7	—	—	—	—	—	—	—	—	—	—	—	—	—
30	17.8	22.0	20.0	20.0	22.8	16.8	16.3	14.6	15.8	15.8	15.4	95	80	90	88	8.7	3.7	2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	16.8	20.0	18.1	18.2	21.3	16.1	15.4	13.5	14.4	14.5	14.1	94	82	93	90	8.0	1.4	22.4	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	18.0	23.1	20.3	20.4	24.5	16.5	16.0	13.5	13.6	12.7	13.3	88	65	72	75	6.3	6.1	3.6	0.4	0.3	5.6	2.7	—	—	—	—	—	—	—	—	—	—

Preecipitación total 173.4 m.m.

DATOS DIARIOS

Estación Doloros Mes Pebrero Año 1966 $\phi = 3^{\circ} 31' N$ $\lambda = 74^{\circ} 53' WGR$ Altura 1,320 m.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa %			NUBOSIDAD DECIMOS			Brillo Solar Horas			PRECIPITACION mm			VIENTOS					
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20	
	Med.	Máx.	Mín.	Mínima Suelo	Med.	Máx.	Mín.	Med.	Máx.	Mín.	Med.	Máx.	Mín.	Med.	Máx.	Mín.	Med.	Máx.	Mín.	Med.	Máx.	Mín.	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA		
1	18.0	21.4	18.0	18.9	23.0	15.9	15.0	14.5	14.2	13.6	14.1	91	74	88	85	8.0	2.4	38.7	0.4	—	47.4	0.0	0	16	1	00	0			
2	17.0	21.0	18.4	18.7	21.4	16.8	15.5	14.0	14.9	15.3	14.7	96	80	96	91	47.0	1.5	47.0	0.5	0.3	16.9	1.0	00	0	00	0	16	1		
3	17.6	21.6	19.0	19.3	22.0	16.7	15.4	14.0	14.8	14.8	14.5	93	76	90	86	8.0	3.1	16.1	—	0.4	0.4	1.2	00	0	16	1	16	1		
4	17.7	18.9	18.6	18.5	20.3	16.5	14.6	13.1	14.4	14.0	14.0	95	80	90	88	9.3	2.6	—	3.2	0.1	3.3	1.4	00	0	16	1	16	1		
5	17.5	22.2	21.0	20.4	23.2	16.9	15.7	13.4	13.4	14.2	13.7	90	66	77	80	3.9	—	—	—	—	—	2.0	16	1	16	1	16	1		
6	17.6	24.6	21.3	21.2	25.4	16.9	15.7	14.2	13.1	12.7	13.3	94	56	68	73	6.7	7.1	—	—	—	—	3.0	16	1	16	1	16	1		
7	18.0	22.0	21.0	20.5	25.0	17.6	16.4	14.7	12.3	14.6	13.9	95	62	78	80	8.0	6.6	—	—	—	—	1.2	16	1	16	1	16	1		
8	18.0	21.4	20.0	19.8	22.2	17.4	16.6	14.6	13.5	13.4	13.8	94	71	76	80	9.3	0.5	2.1	—	—	—	1.6	16	1	16	1	16	1		
9	18.0	22.0	20.6	20.3	23.2	17.5	17.0	14.6	13.8	14.5	14.3	94	70	80	81	10.0	3.0	—	—	—	—	1.4	16	1	16	1	16	1		
10	18.0	22.0	19.9	20.0	22.2	17.4	16.6	14.7	13.0	13.9	13.9	95	66	80	80	10.0	0.6	—	—	—	—	1.4	16	1	16	1	16	1		
11	18.4	22.9	19.0	19.8	24.4	17.8	17.0	15.1	14.7	12.3	14.0	95	70	75	80	9.3	3.3	—	—	—	—	1.0	16	1	16	1	16	1		
12	19.2	23.3	20.9	21.1	25.6	18.0	17.1	15.6	16.0	14.4	15.3	94	75	78	82	8.0	3.3	—	—	—	—	1.4	16	1	16	1	16	1		
13	18.4	23.8	21.4	21.2	25.5	18.1	17.3	15.0	13.3	13.3	13.9	94	60	70	75	4.7	7.7	—	—	—	—	1.4	16	1	16	1	16	1		
14	19.0	24.9	22.0	22.0	26.0	17.9	17.0	15.9	15.1	12.8	14.6	96	64	65	75	8.0	4.5	—	—	—	—	—	2.0	00	0	16	1	16	1	
15	18.6	25.9	22.4	22.3	26.7	17.6	16.8	12.9	16.2	9.9	13.0	80	65	48	64	4.7	8.1	—	—	—	—	—	3.4	08	1	16	1	16	1	
16	20.0	25.2	22.4	22.5	25.8	18.6	17.4	15.0	12.5	11.4	13.0	86	52	56	65	3.3	7.1	—	—	—	—	—	2.8	16	1	16	1	16	1	
17	20.0	24.0	21.0	21.5	24.5	18.6	17.4	13.0	13.5	14.0	13.5	74	60	75	70	5.3	1.6	—	—	—	—	—	5.0	16	1	16	1	16	2	
18	20.0	26.0	22.6	22.8	27.0	18.3	17.5	14.7	13.9	12.6	13.7	84	55	61	67	6.7	8.3	—	—	—	—	—	4.0	16	1	16	1	16	1	
19	20.4	25.8	17.8	20.4	27.0	18.6	17.8	11.6	14.0	8.4	11.3	64	56	55	58	4.0	10.2	—	—	—	—	—	4.0	16	1	16	1	16	0	
20	19.4	23.0	20.0	21.0	24.0	18.6	17.5	16.3	16.1	14.7	15.7	96	76	80	84	8.7	3.9	10.3	—	—	—	0.1	10.4	1.4	16	1	16	1	00	0
21	18.0	24.9	22.3	21.9	25.4	17.6	16.4	14.7	14.0	14.1	14.3	95	60	70	75	8.0	7.1	—	—	—	—	—	2.4	00	0	16	2	00	0	
22	19.2	23.9	21.6	21.6	25.0	18.4	17.9	15.0	14.6	15.4	15.0	90	65	80	78	6.7	6.6	—	—	—	—	—	—	—	—	1.6	1	16	1	
23	18.6	24.4	21.8	21.6	25.4	17.9	17.0	15.2	13.7	14.8	14.6	94	60	76	77	6.7	6.2	—	—	—	—	—	—	—	—	1.6	1	16	1	
24	19.2	23.3	21.9	21.6	24.0	17.3	16.5	15.0	15.0	12.9	14.3	90	70	66	75	7.3	3.7	—	—	—	—	—	—	—	—	1.6	1	16	1	
25	18.0	24.0	20.4	20.8	25.2	17.6	16.8	13.6	13.7	12.9	13.4	88	60	72	73	5.3	3.9	—	—	—	—	—	—	—	—	1.6	1	16	1	
26	19.0	25.0	20.0	21.0	25.2	16.4	14.8	14.8	17.2	13.4	14.1	90	60	76	75	7.3	6.4	—	—	—	—	—	—	—	—	1.6	1	16	1	
27	17.0	21.0	15.4	18.7	22.2	16.4	15.1	14.0	14.9	13.9	14.3	96	80	88	88	7.3	1.9	52.5	1.7	0.1	29.3	1.0	00	0	00	0	00	0	00	0
28	18.0	22.4	19.0	19.6	23.1	16.9	16.3	14.9	14.3	14.8	14.7	96	70	90	85	9.3	1.1	23.5	—	—	—	—	—	—	—	1.4	00	0	16	1
29	17.4	21.0	18.6	18.9	23.0	16.0	15.4	11.9	14.9	14.9	14.7	80	80	92	84	8.7	1.8	29.7	—	—	—	—	—	—	—	1.0	00	0	16	2
30																														
31																														
Med	18.4	23.2	20.4	20.6	24.3	17.5	16.6	14.4	14.2	13.5	14.0	90	67	76	78	7.4	4.4	7.6	0.2	0.1	6.6	2.1	—	—	—	—	—	—	—	

Precipitación total 191.9 mm.

DATOS DIARIOS

Estación Dolores. Mes Marzo Año 1968 $\phi = 3^\circ$ $31'N$ $\lambda = 74^\circ 53'$ W.G.R. Altura. 1.320 M.

Días	TEMPERATURAS						TENSION DEL VAPOR						Humedad Relativa %			NUBOSIDAD		Brillo Solar Horas		PRECIPITACION m m						VIENTOS									
	Med.		Máx.		Mínima Sueto		Med.		Máx.		Mín.		Med.		7		14		20		7		14		20		7		14		20				
	7	14	20	Med.	Máx.	Mín.	Mínima Sueto	7	14	20	Med.	Máx.	Mín.	Mínima Sueto	7	14	20	Med.	7	14	20	Total	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA					
1	19.0	23.4	29.2	20.2	24.0	16.0	15.0	15.2	15.7	15.2	15.4	93	72	90	85	8.0	7.0	1.7	0.1	1.3	1.6	00	0	00	0	00	0	00	0	00	0				
2	18.4	23.2	29.2	20.0	24.5	16.3	15.2	14.4	13.4	14.8	14.2	91	63	88	81	7.3	6.1	1.1	—	0.1	34.9	00	0	00	0	00	0	00	0	00	0				
3	18.0	21.4	18.4	19.0	24.5	16.0	15.5	14.0	15.3	14.2	14.5	91	80	90	87	3.9	3.9	34.6	—	—	11.8	1.4	00	0	00	0	00	0	00	0	00	0			
4	18.0	23.6	21.2	21.0	24.5	16.2	15.3	13.4	13.4	13.2	13.3	86	61	70	72	4.7	5.6	11.8	—	—	—	2.0	00	0	00	0	00	0	00	0	00	0			
5	17.4	20.6	20.0	20.5	25.5	17.3	16.4	14.2	14.4	12.0	13.5	86	62	68	75	4.7	9.3	—	—	—	—	2.0	00	0	00	0	00	0	00	0	00	0			
6	18.8	25.2	20.8	21.4	25.6	17.5	16.0	14.0	14.4	12.1	13.5	86	60	66	71	8.0	8.7	—	—	—	—	2.4	00	0	00	0	00	0	00	0	00	0			
7	18.4	22.0	20.4	20.3	23.6	17.1	16.3	13.7	14.8	11.7	13.4	86	74	66	75	9.3	2.0	—	—	—	—	0.5	2.0	00	0	00	0	00	0	00	0	00	0		
8	17.7	21.5	19.6	19.6	23.3	16.9	15.4	14.6	12.6	13.3	13.9	95	66	86	82	8.7	1.5	0.5	—	—	—	13.1	1.4	00	0	00	0	00	0	00	0	00	0		
9	18.0	21.8	19.2	19.6	22.3	17.3	16.5	14.2	15.6	13.3	14.4	93	80	80	84	8.7	1.1	1.1	—	—	—	0.3	0.8	00	0	00	0	00	0	00	0	00	0		
10	17.0	20.6	18.8	18.8	22.3	15.3	14.4	11.6	14.5	14.0	13.4	80	80	86	82	4.7	3.3	0.3	0.6	—	—	5.3	2.0	00	0	00	0	00	0	00	0	00	0		
11	17.8	22.0	20.0	20.0	23.0	16.4	16.0	14.7	15.8	14.1	14.9	96	80	80	85	8.7	3.6	4.7	—	—	—	20.6	1.8	00	0	00	0	00	0	00	0	00	0		
12	18.8	23.1	19.4	20.2	24.0	17.1	16.5	12.4	13.8	14.4	13.5	76	65	86	76	8.7	5.5	20.6	—	—	—	—	2.0	00	0	00	0	00	0	00	0	00	0		
13	18.0	22.8	20.0	20.2	25.5	17.5	16.5	13.8	15.5	11.5	13.6	88	75	66	76	5.3	0.6	—	—	—	—	0.1	0.1	2.0	00	0	00	0	00	0	00	0	00	0	
14	18.4	23.9	19.8	20.5	24.9	17.6	16.8	14.2	14.7	13.9	14.3	90	66	80	79	8.7	3.6	—	—	—	—	—	1.8	00	0	00	0	00	0	00	0	00	0		
15	18.0	20.6	19.6	19.4	23.0	17.4	16.4	13.9	15.2	14.3	14.5	90	84	84	86	10.0	2.7	—	—	—	—	—	1.6	00	0	00	0	00	0	00	0	00	0		
16	17.4	22.8	21.0	20.6	23.9	16.0	15.4	11.3	15.5	14.2	13.7	75	75	76	75	8.0	5.4	0.6	—	—	—	—	1.8	00	0	00	0	00	0	00	0	00	0		
17	17.1	20.0	19.4	19.0	21.6	16.2	15.3	13.7	15.8	13.5	14.3	94	90	80	88	10.0	1.6	—	—	—	—	—	—	1.8	00	0	00	0	00	0	00	0	00	0	
18	17.0	20.6	19.0	18.9	22.0	16.0	15.1	13.7	14.5	14.6	14.3	94	80	90	88	9.3	3.2	6.9	2.5	—	—	7.5	1.4	00	0	00	0	00	0	00	0	00	0		
19	17.4	23.6	19.9	20.2	24.6	16.8	16.0	12.5	14.5	13.2	13.4	85	66	76	76	7.3	5.0	4.5	0.2	—	—	0.2	1.0	00	0	00	0	00	0	00	0	00	0		
20	18.0	25.6	21.3	21.6	26.4	17.7	17.1	13.6	11.8	12.5	12.6	88	48	66	67	6.7	7.2	—	—	—	—	—	—	3.0	00	0	00	0	00	0	00	0	00	0	
21	18.6	24.4	22.2	21.8	26.3	18.4	17.4	14.4	15.2	14.1	14.6	90	66	70	75	4.7	7.6	—	—	—	—	—	—	2.4	00	0	00	0	00	0	00	0	00	0	
22	18.8	26.0	22.4	22.4	26.8	18.6	17.5	13.7	16.5	12.8	14.3	85	66	64	72	3.3	7.9	—	—	—	—	—	—	3.0	00	0	00	0	00	0	00	0	00	0	
23	20.2	22.4	19.9	20.6	24.0	19.9	18.3	15.1	13.9	11.4	13.5	85	68	68	74	9.3	4.7	—	—	—	—	—	—	3.0	04	1	00	0	00	0	00	0	00	0	
24	19.4	19.4	19.9	19.6	22.0	18.4	17.1	15.2	15.2	13.9	14.8	90	90	80	87	10.0	—	—	—	—	—	—	—	3.5	1.8	16	1	00	0	00	0	00	0	00	0
25	18.1	23.0	21.4	21.0	25.0	17.7	16.8	13.8	15.2	11.5	13.5	90	72	60	74	7.3	7.1	—	—	—	—	—	—	43.1	28.8	1.0	00	0	00	0	00	0	00	0	
26	18.5	24.4	22.4	21.9	25.3	17.4	16.5	15.2	17.5	16.8	16.5	95	76	58	76	7.3	7.0	0.3	—	—	—	—	—	0.4	3.0	16	1	16	1	00	0	00	0	00	0
27	18.9	21.0	21.0	20.5	23.0	17.5	16.8	14.3	12.1	12.3	12.9	68	95	66	83	10.0	2.2	0.4	—	—	—	—	—	—	2.0	00	0	00	0	08	2	16	1	00	0
28	18.6	26.4	22.8	22.6	27.5	17.1	16.3	12.1	11.7	12.0	11.9	75	45	58	59	4.0	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	20.0	25.0	21.7	22.1	25.6	18.8	18.0	13.0	14.2	12.9	13.4	74	60	66	67	7.3	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	19.9	23.8	22.2	21.9	25.4	18.4	17.1	15.6	16.6	12.5	14.9	90	76	62	71	6.7	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	19.3	23.8	20.7	21.1	24.5	18.5	17.7	14.2	13.9	12.8	13.6	86	63	70	73	6.7	3.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Med.	18.3	22.9	20.4	20.5	24.3	17.3	16.3	13.9	14.6	13.4	14.0	88	71	74	78	7.6	4.6	3.3	0.7	1.5	5.4	2.1	—	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total = 167.3 mm.

DATOS DIARIOS

Estación Dolorosa Mes ABRIL Año 1968 $\phi = 34^{\circ} 31' N$ $\lambda = 74^{\circ} 59' WGR$ Altura 1.320 M.

Días	TEMPERATURA						TENSIÓN DEL VAPOR				Humedad Relativa				HRS. DE BRILLO SOLAR	PRECIPITACION			EVAPORACION			VIENTOS									
	7		14		20		7		14		20		7			14		20		7		14		20		7		14		20	
	Máx.	Mín.	Mé. Suelo	Máx.	Mín.	Mé. Suelo	Mé.	Med.	Mé.	Med.	Mé.	Med.	%	%		%	Med.	m m	Total	m m	Total	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA		
1	20.0	24.0	20.9	21.4	25.0	18.8	18.0	13.0	14.9	14.7	14.2	74	66	80	71	6.0	4.7	—	—	—	—	—	—	—	—	—	—	—	—		
2	19.0	25.3	21.4	21.8	26.4	17.8	16.8	13.9	13.3	11.5	12.8	85	55	60	67	6.0	3.4	—	—	—	—	—	—	—	—	—	—	—	—		
3	19.1	24.9	23.0	22.9	26.7	18.4	17.3	14.8	15.4	14.8	15.0	90	66	70	75	4.7	8.6	—	—	—	—	—	—	—	—	—	—	—	—		
4	19.4	24.4	22.6	22.4	25.9	18.1	17.3	15.2	16.1	16.7	16.0	90	70	80	80	4.7	8.8	—	—	—	—	—	—	—	—	—	—	—	—		
5	18.6	20.0	22.4	20.8	25.8	17.3	17.3	15.3	12.2	15.4	14.3	95	70	76	80	5.3	4.5	—	—	—	—	—	—	—	—	—	—	—	—		
6	19.0	25.8	22.6	22.5	27.0	17.7	16.4	14.1	16.3	11.2	13.9	86	66	54	69	4.7	7.8	—	—	—	—	—	—	—	—	—	—	—	—		
7	20.4	27.0	22.3	23.0	28.0	18.1	17.5	12.6	16.2	14.1	14.3	70	60	70	67	6.7	7.5	—	—	—	—	—	—	—	—	—	—	—	—		
8	20.2	24.1	20.0	21.1	25.0	18.2	17.2	15.2	17.0	14.7	15.6	86	76	84	82	6.7	4.4	—	—	—	—	—	—	—	—	—	—	—	—		
9	18.4	22.4	19.9	20.2	24.0	16.8	16.1	15.3	18.2	16.0	16.5	96	90	93	93	6.0	3.7	—	—	—	—	—	—	—	—	—	—	—	—		
10	16.1	23.4	18.8	19.3	24.2	15.7	15.0	13.7	15.7	14.0	14.4	100	72	86	86	7.3	2.8	—	—	—	—	—	—	—	—	—	—	—	—		
11	18.6	24.8	18.1	19.9	25.3	17.8	17.0	14.4	13.2	15.1	14.2	90	56	96	81	7.3	6.2	—	—	—	—	—	—	—	—	—	—	—	—		
12	16.2	21.3	18.0	18.4	22.0	15.4	14.1	13.1	15.6	14.7	14.5	93	81	95	91	10.0	3.5	—	—	—	—	—	—	—	—	—	—	—	—		
13	17.1	22.2	18.6	19.1	23.0	16.8	15.5	14.0	14.6	15.2	14.6	96	72	94	87	8.0	1.6	—	—	—	—	—	—	—	—	—	—	—	—		
14	17.6	18.0	18.2	18.0	19.8	17.3	16.4	14.5	14.2	14.8	14.5	96	94	94	95	9.3	0.7	—	—	—	—	—	—	—	—	—	—	—	—		
15	17.9	25.0	20.8	21.1	25.6	17.2	16.4	14.7	15.6	16.4	15.6	96	66	90	84	7.3	5.5	—	—	—	—	—	—	—	—	—	—	—	—		
16	17.0	21.0	18.0	18.5	22.2	16.9	15.7	13.1	15.6	14.7	14.5	90	84	95	90	10.0	2.8	—	—	—	—	—	—	—	—	—	—	—	—		
17	17.6	24.9	20.8	21.0	26.1	16.9	16.1	14.4	15.4	15.2	15.0	95	66	82	81	8.7	5.8	—	—	—	—	—	—	—	—	—	—	—	—		
18	18.2	20.6	18.1	18.8	21.3	17.4	16.5	14.0	15.0	14.1	14.4	90	83	92	88	10.0	0.5	—	—	—	—	—	—	—	—	—	—	—	—		
19	17.4	22.6	19.6	19.8	23.6	17.1	16.4	14.2	16.4	15.4	15.3	94	80	90	89	6.7	4.7	—	—	—	—	—	—	—	—	—	—	—	—		
20	18.2	22.9	20.0	20.3	24.4	16.8	16.1	15.8	12.5	15.3	14.5	100	60	88	83	8.7	3.2	—	—	—	—	—	—	—	—	—	—	—	—		
21	17.6	24.6	21.6	21.4	25.4	17.3	16.4	14.2	14.4	15.4	14.7	94	62	80	79	7.3	5.7	—	—	—	—	—	—	—	—	—	—	—	—		
22	18.0	21.9	19.1	19.4	23.9	17.9	16.1	13.8	13.9	15.7	14.5	90	72	95	86	7.3	3.3	—	—	—	—	—	—	—	—	—	—	—	—		
23	18.8	21.7	17.7	19.0	22.0	16.9	16.4	15.7	15.6	14.4	14.2	96	80	94	90	9.3	2.1	—	—	—	—	—	—	—	—	—	—	—	—		
24	18.8	22.4	17.7	19.2	24.0	16.3	15.3	15.5	17.0	14.7	15.7	95	84	96	92	7.3	4.6	—	—	—	—	—	—	—	—	—	—	—	—		
25	18.4	23.9	20.4	20.8	25.6	16.5	15.3	14.2	11.1	16.0	13.8	90	50	90	77	6.0	8.4	—	—	—	—	—	—	—	—	—	—	—	—		
26	20.0	21.2	20.4	20.5	23.6	18.3	17.1	15.8	16.9	16.0	16.2	90	50	90	90	8.0	4.4	—	—	—	—	—	—	—	—	—	—	—	—		
27	19.0	21.0	20.3	20.2	23.6	17.7	17.0	15.5	15.6	15.2	15.4	94	84	86	88	7.3	2.2	—	—	—	—	—	—	—	—	—	—	—	—		
28	19.4	21.2	19.4	19.8	23.4	17.8	17.0	15.8	16.1	14.4	15.4	94	86	86	89	8.0	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	18.6	24.0	20.9	21.1	26.0	17.7	17.0	14.4	15.7	16.4	15.5	90	70	90	83	4.7	7.7	—	—	—	—	—	—	—	—	—	—	—	—		
30	18.8	22.1	20.7	20.6	23.4	18.0	17.3	14.6	15.8	11.1	13.8	90	80	80	77	10.0	0.9	—	—	—	—	—	—	—	—	—	—	—	—		
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Med	18.4	22.9	20.1	20.4	24.4	17.4	16.5	14.5	15.2	14.8	14.8	91	73	84	83	7.3	4.4	—	—	—	—	—	—	—	—	—	—	—	—		

Precipitación total 392.0 m.m.

DATOS DIARIOS

Estación Dolores Mes Mayo Año 1968 $\phi = 30^{\circ} 31' N$ $\lambda = 74^{\circ} 23' W$ GR Altura 1,320 M.

Días	TEMPERATURAS						TENSIÓN DEL VAPOR						Humedad Relativa %			NUBOSIDAD		Brillo Solar Horas		PRECIPITACION m m						EVAPORACION			VIENTOS							
	Med.		Máx.		Mín.		Mín.		Med.		Med.		7		14		20		7		14		20		7		14		20		7		14		20	
	7	14	20	Med.	Máx.	Mín.	Mín.	Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	Total	7	14	20	7	14	20	7	14	20				
1	18.0	22.8	19.0	19.7	23.6	17.4	16.6	13.1	11.6	12.9	12.5	85	56	78	71	7.3	0.3	0.2	0.1	0.3	0.5	3.2	0.0	0.8	2	0.8	2	0.8	1							
2	19.2	24.1	19.0	19.8	25.0	18.0	17.3	11.7	10.7	9.9	10.9	70	56	60	62	8.7	6.4	0.1	—	—	—	5.0	0.8	1	0.8	2	0.0	0								
3	17.2	24.9	19.9	20.5	25.0	16.9	16.0	8.8	10.7	10.5	10.0	60	46	60	55	5.3	5.3	—	—	—	—	5.0	0.8	1	0.0	0	0.8	1								
4	18.8	26.3	21.8	22.2	26.8	16.9	16.3	12.4	11.8	11.0	11.7	76	46	58	59	4.7	8.0	—	—	—	—	5.5	0.8	1	1.2	2	0.8	2								
5	21.0	26.8	22.2	23.0	27.3	19.0	18.1	11.3	12.0	10.9	11.4	60	45	54	53	5.3	9.7	—	—	—	—	5.5	0.8	1	0.0	0	0.8	2								
6	18.4	25.0	21.6	21.6	26.9	17.4	16.6	12.1	11.9	11.6	11.9	76	50	60	62	4.0	8.9	—	—	—	—	4.0	0.0	0	0.0	0	0.0	0								
7	19.2	21.4	18.6	19.4	22.3	17.4	16.8	15.0	16.3	17.8	16.4	90	86	86	87	9.3	1.4	—	2.6	—	—	2.6	2.6	0.0	0	0.4	1	0.0	0							
8	17.4	20.2	18.6	18.6	23.0	16.0	15.3	14.0	15.2	15.2	14.8	96	86	94	92	9.3	1.3	—	10.3	0.1	—	12.4	0.8	0.0	0	0.0	0	0.0	0							
9	17.4	20.1	18.8	19.2	22.3	16.8	15.6	13.3	15.2	14.6	14.4	90	80	90	87	8.0	4.0	2.0	27.9	—	—	27.9	1.0	0.0	0	0.0	0	0.0	0							
10	16.2	21.2	18.8	18.8	21.3	15.5	14.7	12.9	15.1	14.6	14.2	93	80	90	88	9.3	3.4	—	0.8	1.2	2.0	1.0	0.0	0	0.0	0	0.0	0	0							
11	17.4	20.1	18.4	18.6	21.0	16.8	16.0	13.1	14.9	11.3	13.2	90	84	71	82	8.7	3.6	—	5.9	—	—	5.9	1.0	0.0	0	0.0	0	0.0	0							
12	17.6	25.0	22.2	21.8	26.4	16.4	15.3	14.2	11.9	11.2	12.4	94	50	56	67	9.3	8.4	—	—	—	—	5.0	0.0	0	0.8	1	0.0	0	0							
13	21.0	26.0	22.0	22.8	26.9	18.9	18.0	13.0	12.2	10.1	11.8	70	48	51	56	3.3	10.8	—	—	—	—	—	—	—	—	—	—	—	—	—						
14	18.4	24.4	19.6	20.5	25.4	17.4	16.3	15.1	15.2	13.0	14.4	95	66	76	79	7.3	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—						
15	18.0	22.0	19.9	20.0	23.6	17.7	16.5	14.9	11.2	15.6	13.9	96	56	90	81	8.0	3.2	1.6	0.3	—	—	—	—	—	—	—	—	—	—	—						
16	17.4	22.4	19.9	19.9	24.0	17.0	16.2	14.0	16.1	15.9	15.3	94	80	92	89	8.0	4.3	2.8	—	—	—	—	—	—	—	—	—	—	—	—						
17	17.4	23.0	19.6	19.9	23.4	16.8	16.0	13.0	12.6	12.9	12.8	88	60	75	74	7.3	6.3	4.5	—	—	—	—	—	—	—	—	—	—	—	—						
18	18.8	23.3	20.6	20.8	23.6	17.1	16.2	12.4	17.6	15.0	15.0	76	82	82	80	6.0	4.7	0.6	—	—	—	—	—	—	—	—	—	—	—	—						
19	19.0	22.9	20.7	20.8	25.5	17.4	16.5	14.9	8.4	8.9	10.7	91	45	48	61	5.3	7.6	—	—	—	—	—	—	—	—	—	—	—	—	—						
20	18.4	23.6	20.0	20.5	25.0	17.1	16.6	13.7	15.4	10.6	13.2	86	70	60	72	7.7	7.1	0.1	—	—	—	—	—	—	—	—	—	—	—	—						
21	19.4	23.0	20.0	20.6	24.9	17.7	17.0	13.5	15.8	12.2	13.8	80	75	70	75	6.7	8.9	—	—	—	—	—	—	—	—	—	—	—	—	—						
22	18.0	21.4	19.0	19.4	23.0	16.8	15.4	14.7	15.8	14.8	15.1	95	83	90	89	8.0	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—						
23	20.0	25.0	20.0	21.2	25.9	17.4	16.5	12.3	14.2	12.2	12.9	71	60	70	67	6.0	4.7	—	—	—	—	—	—	—	—	—	—	—	—	—						
24	19.6	26.4	22.0	22.5	27.0	18.0	17.1	13.0	12.6	11.9	12.5	76	48	60	61	6.0	9.7	—	—	—	—	—	—	—	—	—	—	—	—	—						
25	20.0	26.6	21.2	22.2	27.4	18.8	18.0	11.5	12.2	11.3	11.7	66	46	60	57	4.7	9.8	—	—	—	—	—	—	—	—	—	—	—	—	—						
26	20.0	24.0	20.0	21.0	26.0	18.8	18.0	13.0	13.5	12.2	12.9	74	60	70	68	5.3	5.4	—	—	—	—	—	—	—	—	—	—	—	—	—						
27	20.0	25.4	20.0	21.4	26.6	17.2	16.4	12.2	14.6	14.7	13.8	70	60	84	71	2.7	8.4	0.2	—	—	—	—	—	—	—	—	—	—	—	—						
28	19.0	24.6	22.0	21.9	26.6	18.1	17.0	14.1	17.3	11.9	14.4	86	74	60	73	4.7	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—						
29	21.0	24.6	21.0	21.9	25.4	19.6	19.0	12.3	15.1	11.9	12.1	66	52	64	61	4.7	6.2	—	—	—	—	—	—	—	—	—	—	—	—	—						
30	19.4	24.6	20.2	21.1	26.0	19.1	18.3	12.7	14.5	14.1	13.8	75	63	78	72	8.7	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—						
31	20.4	25.0	21.0	21.6	26.3	18.8	18.0	12.9	11.9	11.3	12.0	72	50	60	61	6.7	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—						
Med.	18.8	23.7	20.2	20.7	25.0	17.6	16.7	13.1	13.6	12.6	13.1	81	63	71	71	6.7	5.8	0.4	1.6	0.1	2.0	3.3	—	—	—	—	—	—	—	—						

Precipitación total : 62.7 mm.

DATOS DIARIOS

Estación Dolores Mes Junio Año 1916 $\phi = 31' N$ $\lambda = 74^{\circ} 53' WGR$ Altura 1,320 M.

Días	TEMPERATURAS					TENSION DEL VAPOR					Humedad Relativa			NUBES DECIMOS	Brillo Horas	PRECIPITACION			EVAORACION			VIENTOS								
	°C		°F		m m		%		Med.		m m		m m			m m		m m		Km./hora		Km./hora								
	7	14	20	Med.	Máx.	Mín.	Mínima Suelo	7	14	20	Med.	7	14			20	Med.	7	14	20	7	14	20	7	14	20				
1	18.0	24.4	20.6	20.9	25.8	17.0	13.1	16.1	14.3	14.5	85	70	80	78	5.3	7.9	—	—	—	—	—	2.4	0.0	0	0					
2	17.1	18.8	17.1	17.5	19.3	16.4	15.0	12.7	15.4	14.0	88	94	96	93	10.0	—	—	—	—	—	—	0.2	0.6	0.8	1	0.0	0			
3	18.0	22.9	21.3	20.9	25.0	16.7	16.0	13.8	12.5	16.9	14.4	90	60	90	90	7.3	4.2	—	—	—	—	1.0	1.6	0.4	1	0.0	0			
4	18.0	22.6	21.0	20.6	25.0	17.2	16.4	14.7	15.6	15.9	15.4	95	76	86	86	6.7	3.6	—	—	—	—	0.4	—	—	0.0	0	0			
5	18.0	19.4	18.8	18.8	21.2	17.1	16.4	14.9	15.5	13.7	14.7	96	92	85	90	9.3	—	—	—	—	—	—	—	—	0.0	0	0			
6	16.4	19.0	18.0	17.8	22.0	15.7	15.0	13.2	14.1	13.8	13.7	94	86	90	90	8.7	1.7	2.7	—	—	—	—	1.8	1.0	0.0	0	0			
7	16.0	21.6	19.9	19.4	23.3	15.7	14.8	12.3	14.4	14.7	13.8	90	74	85	83	6.7	2.8	—	—	—	—	—	—	—	0.0	0	0			
8	18.0	22.0	21.3	21.2	25.4	16.7	16.4	13.8	16.6	13.2	14.5	90	83	70	81	6.0	3.6	1.0	—	—	—	—	—	—	1.4	0.0	0			
9	17.1	25.0	20.3	20.2	25.4	17.4	16.2	11.1	12.6	11.3	11.7	76	53	60	63	4.0	5.8	—	—	—	—	—	—	—	2.2	1.6	1			
10	19.0	24.6	20.0	20.9	25.0	17.4	16.2	11.1	10.6	11.2	11.7	80	46	64	63	2.7	10.3	—	—	—	—	—	—	—	5.2	0.0	0			
11	19.0	23.6	21.0	21.2	25.5	18.6	18.0	12.3	13.7	11.5	12.5	75	63	62	67	4.7	9.3	0.1	—	—	—	—	—	—	0.3	5.0	0.0			
12	19.3	23.0	19.2	20.2	24.2	17.7	16.8	11.7	14.0	14.2	13.3	70	66	86	74	6.7	7.9	0.3	—	—	—	—	—	—	0.3	1.2	0.0			
13	18.4	25.9	21.8	22.0	27.3	17.6	16.5	14.2	12.5	11.8	12.8	90	50	60	67	3.3	9.0	0.3	—	—	—	—	—	—	3.1	1.4	0.0			
14	18.0	22.2	19.0	19.6	25.0	16.8	15.5	12.4	17.1	14.1	14.5	80	80	86	82	6.0	7.4	0.6	—	—	—	—	—	—	2.5	3.1	1.6			
15	18.1	25.9	21.8	21.9	26.3	16.8	16.0	13.8	12.5	12.9	13.1	90	50	66	69	4.0	10.3	1.4	—	—	—	—	—	—	—	3.6	0.0	0		
16	18.1	21.0	19.9	19.7	22.6	17.7	17.0	13.1	13.0	12.0	12.7	85	70	70	75	10.0	2.8	—	—	—	—	—	—	—	—	—	0.8	2	0.6	
17	20.0	25.1	19.2	20.9	26.2	18.6	17.7	13.0	14.2	13.3	13.5	74	60	80	71	2.0	9.8	—	—	—	—	—	—	—	—	3.0	0.8	1		
18	17.0	20.6	19.0	18.9	23.0	16.3	15.2	13.8	15.2	9.1	12.7	91	84	55	78	8.0	1.2	—	—	—	—	—	—	—	—	2.4	0.8	1		
19	18.0	22.4	18.8	19.5	24.0	17.0	16.1	13.4	15.4	14.0	14.3	86	76	86	83	10.0	3.5	—	—	—	—	—	—	—	—	1.8	0.2	0.0		
20	18.0	20.9	20.4	19.9	25.0	16.8	16.3	13.8	15.8	13.6	14.4	90	86	73	83	8.0	5.4	0.1	—	—	—	—	—	—	—	0.6	2.7	3.4		
21	19.0	24.0	20.0	20.8	24.6	17.7	16.5	12.5	16.6	16.5	15.2	80	74	95	82	5.3	3.8	0.4	—	—	—	—	—	—	—	2.6	0.5	3.5		
22	19.0	23.0	21.3	21.2	23.6	17.4	16.5	13.2	15.8	13.5	14.2	76	74	72	75	9.3	4.1	0.2	—	—	—	—	—	—	—	8.2	8.4	3.0		
23	17.4	21.3	20.0	19.7	25.0	16.1	15.4	13.3	11.0	11.5	11.9	90	58	66	71	8.0	3.5	10.3	—	—	—	—	—	—	—	—	10.3	2.0	0.0	
24	17.4	22.6	20.0	20.0	23.6	16.8	15.4	14.1	13.0	11.1	12.7	96	63	63	74	9.1	4.3	0.2	—	—	—	—	—	—	—	—	1.1	2.0	0.8	
25	18.0	23.0	20.0	20.2	23.2	17.4	16.4	12.9	12.6	12.8	12.8	83	60	73	72	9.3	2.6	3.7	—	—	—	—	—	—	—	—	0.1	3.8	3.0	
26	19.0	22.4	20.6	20.6	24.0	18.0	17.1	11.5	12.1	9.7	11.1	70	60	53	61	8.7	3.3	0.1	—	—	—	—	—	—	—	—	0.6	3.0	1.2	
27	20.0	25.6	21.6	22.2	26.6	18.8	18.0	8.1	9.8	10.5	9.5	46	40	55	47	4.0	6.0	—	—	—	—	—	—	—	—	—	0.3	5.0	0.0	
28	19.0	24.8	21.4	21.6	25.5	17.4	16.5	13.2	13.2	10.8	12.4	80	56	56	64	4.0	7.6	0.3	—	—	—	—	—	—	—	—	0.6	5.1	0.0	
29	19.0	23.0	20.6	20.8	23.6	17.8	17.0	13.9	11.3	11.3	11.2	85	54	62	67	4.0	6.3	0.6	—	—	—	—	—	—	—	—	1.8	—	—	
30	19.6	24.2	20.9	21.4	25.0	19.1	18.2	12.0	11.9	11.2	11.7	70	52	61	61	4.7	9.9	—	—	—	—	—	—	—	—	—	—	1.8	5.0	0.0
31	18.2	22.8	20.2	20.4	24.3	17.3	16.3	13.0	13.8	12.8	13.2	83	67	73	74	6.5	5.3	1.7	—	—	—	—	—	—	—	—	0.6	2.8	2.6	
Med.																														

Precipitación total: 86.7 m.m.

DATOS DIARIOS

Estación Dolores Mes Agosto Año 1968 $\phi = 30^{\circ} 31' N$ $\lambda = 74^{\circ} 23' WGR$ Altura 1.320 M.

Días	TEMPERATURAS °C						TENSION DEL VAPOR mm						Humedad Relativa %			NUBESIAS DECIMOS	Brillo Solar Horas	PRECIPITACION m m			EVAPORACION mm	VIENTOS						
	7	14	20	Med.	Máx.	Mín.	Húmeda Suelo	7	14	20	Med.	7	14	20	Med.			7	14	20		Total	DIREC ION	FUERZA Km./Hora	DIREC ION	FUERZA Km./Hora	DIREC ION	FUERZA Km./Hora
1	19.0	23.8	20.3	20.8	25.0	17.5	16.0	13.5	12.3	11.6	12.5	76	60	66	67	8.0	3.9	—	0.2	—	5.2	00	0	00	0	00	0	
2	19.0	23.4	21.9	21.7	25.0	18.5	16.0	13.5	12.0	10.6	11.4	70	55	54	60	9.3	3.3	—	—	—	5.0	08	2	08	1	08	1	
3	19.0	25.0	21.4	21.7	26.2	17.0	16.0	12.5	11.9	12.4	12.3	76	50	65	64	5.3	9.0	—	—	—	5.0	08	2	08	1	08	1	
4	18.5	23.6	20.0	20.5	24.6	18.3	16.6	12.9	13.1	13.1	13.0	80	60	75	72	8.0	3.5	—	1.1	—	2.2	00	0	00	0	00	0	
5	19.0	24.0	20.6	21.0	25.9	18.2	16.9	13.3	14.6	12.5	13.5	81	65	68	71	8.0	3.4	—	0.3	—	2.4	00	0	00	0	00	0	
6	17.0	21.0	19.6	19.3	22.8	15.6	15.0	13.1	15.6	12.0	13.6	90	84	70	81	6.7	3.1	2.1	—	—	3.0	00	0	00	0	08	1	
7	18.0	27.0	21.9	22.2	27.4	16.5	15.5	14.3	8.1	8.8	10.4	93	30	45	56	6.7	9.0	—	—	—	5.2	00	0	08	1	12	1	
8	18.0	26.0	21.0	21.5	27.0	15.9	15.0	13.8	11.3	12.3	12.9	90	45	66	67	6.7	7.6	—	—	—	5.4	00	0	00	0	00	0	
9	20.8	26.6	21.0	22.4	27.3	18.4	17.0	11.2	10.4	9.4	10.3	61	40	51	51	6.0	7.2	—	—	—	5.4	00	0	00	0	00	0	
10	20.0	25.4	22.2	22.4	26.0	18.0	17.0	12.2	11.2	10.0	11.1	70	46	50	55	3.7	9.4	—	—	—	5.2	08	2	08	1	12	1	
11	20.0	23.0	21.3	21.4	24.0	18.5	17.8	12.2	11.0	10.6	11.3	70	52	56	59	9.7	1.8	—	—	—	5.2	00	0	08	1	12	1	
12	21.2	27.4	21.6	22.9	29.0	19.4	18.6	11.3	11.8	11.6	11.6	60	43	60	54	3.0	10.9	—	—	—	5.2	00	0	08	1	12	1	
13	19.0	27.0	22.2	22.6	28.0	17.4	16.5	14.8	10.7	11.2	12.2	90	40	56	62	4.7	10.5	—	—	—	0.6	5.2	00	0	16	1	12	1
14	20.2	25.2	22.0	22.4	26.3	18.0	17.0	14.3	13.6	12.4	13.4	80	56	64	67	4.0	9.1	0.6	—	—	0.1	3.2	00	0	08	2	12	2
15	20.6	23.2	21.6	21.8	26.3	19.5	18.4	11.9	10.8	12.6	11.8	66	50	65	60	6.7	6.0	0.1	—	—	0.1	5.4	00	0	08	2	12	2
16	20.0	25.0	22.0	22.2	26.3	18.0	17.4	12.2	12.9	11.9	12.3	70	54	60	61	9.3	7.5	—	—	—	—	5.6	00	0	00	0	00	0
17	20.0	25.0	22.0	22.2	26.4	18.5	17.4	11.4	12.9	11.9	12.1	65	54	60	60	4.0	8.8	—	—	—	—	5.2	00	0	08	1	12	1
18	19.0	25.9	21.7	22.1	27.0	18.0	17.1	13.9	13.7	11.8	13.1	85	55	60	67	8.7	5.1	—	—	—	—	5.0	00	0	08	1	12	1
19	20.0	25.8	20.0	21.4	27.0	19.5	18.5	12.2	12.5	12.2	12.3	70	50	70	63	2.0	10.4	—	—	—	—	5.4	00	0	08	1	12	1
20	20.0	25.6	18.4	20.6	28.0	18.6	18.0	12.2	11.0	13.7	12.3	70	45	86	67	4.0	8.2	0.2	0.1	1.9	2.6	5.2	00	0	08	3	12	2
21	20.0	26.9	23.0	23.2	27.0	17.8	16.9	12.2	12.6	11.7	12.2	70	47	55	57	2.7	10.8	0.6	—	—	—	5.0	00	0	08	2	12	2
22	19.0	25.8	22.7	22.6	26.8	17.5	17.0	13.9	13.5	12.5	13.3	85	54	60	66	1.7	11.0	—	—	—	—	5.4	00	0	08	2	12	2
23	20.4	26.6	22.0	22.8	28.2	19.6	19.0	12.6	12.2	13.0	12.6	70	46	66	61	5.0	6.0	—	—	—	—	5.4	00	0	08	2	12	2
24	21.0	24.9	20.9	21.9	26.5	19.9	18.5	12.1	12.4	11.1	11.9	65	56	60	60	6.7	6.0	—	—	—	—	5.0	00	0	08	2	12	2
25	20.0	25.4	20.7	21.7	27.4	18.3	17.0	13.4	13.6	13.8	13.6	76	56	75	69	7.3	4.9	—	—	—	—	5.0	00	0	12	2	00	0
26	19.0	26.2	22.0	22.3	27.0	16.9	16.4	14.1	12.8	11.9	12.9	86	50	60	65	3.0	9.5	—	—	—	—	5.2	00	0	08	2	08	2
27	18.4	23.6	20.6	20.8	25.6	17.6	16.4	12.8	13.4	11.8	12.7	80	61	65	69	9.7	1.6	1.8	—	—	—	4.0	00	0	08	2	12	2
28	19.0	26.0	21.9	22.2	27.9	18.4	17.5	13.9	12.9	11.8	12.9	85	51	60	65	5.3	8.5	—	—	—	—	4.0	00	0	00	0	12	2
29	19.2	27.4	22.2	22.8	28.0	18.4	17.7	15.0	12.4	11.2	12.9	90	45	56	64	7.3	5.6	—	—	—	—	4.4	00	0	08	1	12	2
30	18.0	20.2	18.1	18.6	22.0	16.0	16.0	14.1	15.2	12.4	13.9	92	86	80	86	8.7	2.1	0.4	10.1	0.3	10.4	1.4	00	0	00	0	00	0
31	17.4	22.2	20.0	19.9	24.0	15.5	14.8	13.3	13.7	14.1	13.7	90	70	78	79	8.0	4.7	—	—	—	—	2.4	00	0	16	1	16	1
Med	19.3	25.0	21.2	21.7	26.3	17.9	16.9	13.0	12.5	11.8	12.4	77	53	63	65	6.2	6.7	0.2	0.4	0.1	0.7	4.6	—	—	—	—	—	—

Precipitación total : 21.6 mm.

DATOS DIARIOS

Estación D.O.L.O.R.O.O

Mes Septiembre Año 1968

φ = 30. 31' N λ = 74° 53' W.G.R

Altura 1.320 M.

Días	TEMPERATURAS						TENSION DEL VAPOR						Humedad Relativa %						NEBULOSIDAD						Brillo Solar Horas						PRECIPITACION mm						EVAPORACION mm						VIENTOS					
	7		14		20		Med.		Mín.		Máx.		Mín.		Máx.		Med.		7		14		20		Total		7		14		20		7		14		20											
	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA	DIREC	FUERZA												
1	19.0	18.0	22.0	20.2	24.8	21.0	16.0	15.7	13.1	12.8	13.9	95	85	65	82	8.7	6.4	0.0	0	12	2	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
2	17.6	19.0	17.8	18.0	20.3	17.3	16.4	13.5	14.6	13.7	14.0	90	80	90	9.3	2.0	7.4	1.4	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0													
3	18.4	24.4	21.0	21.2	26.0	16.8	16.1	14.2	14.0	10.5	12.9	80	62	56	69	8.7	6.6	1.3	3.0	0.0	0	0.0	0	1.6	1	0	0	0	0	0	0	0	0	0	0	0												
4	17.0	24.2	20.0	20.8	25.0	15.9	15.0	13.8	11.4	10.3	11.8	95	65	65	67	8.0	2.9	1.3	3.0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0												
5	19.1	21.8	20.0	20.2	23.1	18.0	17.3	10.8	11.0	10.6	10.8	66	56	60	61	8.0	2.6	0.6	5.0	0.0	0	0.0	0	0.8	1	0.8	3	0.8	3	0.8	3	0.8	3	0.8	3	0.8	3											
6	19.5	26.4	22.0	22.5	27.0	17.6	16.8	11.9	12.0	10.9	11.6	70	46	55	57	5.3	9.8	0.6	5.0	0.0	0	0.0	0	0.4	5.0	0.0	0	0.8	2	1.2	2	1.2	2	1.2	2	1.2	2											
7	18.8	26.2	22.6	22.6	27.0	17.5	16.8	13.1	12.8	11.4	12.4	85	50	55	62	8.0	8.5	0.4	5.0	0.4	1	0.8	1	1.2	2	1.2	2	1.2	2	1.2	2	1.2	2	1.2	2	1.2	2											
8	19.3	25.0	21.6	21.9	26.4	18.1	17.3	14.9	13.1	11.6	12.9	85	55	60	67	9.3	5.3	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
9	19.0	25.0	20.2	21.1	26.0	16.8	16.3	14.8	16.7	10.7	14.1	90	70	60	73	7.3	5.5	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
10	17.0	24.2	22.0	21.3	26.0	15.9	15.0	13.7	14.4	11.0	13.0	94	64	55	71	6.0	1.5	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
11	19.0	24.8	20.6	21.2	26.8	17.7	16.9	13.9	15.2	12.3	13.8	85	65	68	73	10.0	2.8	0.0	5.0	0.0	0	0.0	0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4										
12	19.0	24.2	22.2	21.6	26.2	17.6	16.5	13.4	14.8	11.2	13.1	86	65	55	69	8.0	5.1	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
13	20.4	25.6	21.6	22.3	27.0	18.6	17.7	12.6	11.8	11.6	12.0	70	48	60	59	7.3	1.2	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
14	20.4	24.0	22.6	22.4	24.9	19.4	18.8	12.6	11.2	10.4	11.4	70	50	50	57	6.7	2.5	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
15	21.3	26.4	22.2	23.0	27.0	19.1	18.0	11.3	10.2	11.2	10.9	60	40	55	52	6.7	30.0	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
16	19.0	26.0	22.2	22.2	27.0	17.9	17.0	13.9	11.3	11.9	12.4	85	45	60	63	7.3	9.8	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
17	17.0	24.0	22.6	21.6	25.0	15.9	15.0	13.1	15.7	11.6	13.5	90	70	60	73	8.0	5.8	9.4	3.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
18	18.1	22.9	20.6	20.6	25.0	17.1	16.4	14.4	15.9	13.6	14.6	80	76	75	80	9.3	5.2	0.9	2.0	0.0	0	0.0	0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4											
19	18.0	23.0	21.2	20.8	26.0	16.8	16.0	13.8	14.8	12.5	13.7	88	70	66	75	8.0	4.8	0.4	2.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
20	18.0	25.2	22.6	22.1	28.0	17.6	17.0	13.8	12.1	12.0	12.6	88	50	66	65	7.3	5.6	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
21	20.0	26.4	18.6	20.9	27.0	17.8	16.4	14.1	13.1	8.7	12.0	80	51	55	62	8.0	5.6	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
22	21.0	25.6	21.4	22.4	26.3	18.6	17.4	13.0	13.4	12.6	13.0	70	54	66	63	8.0	4.7	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
23	19.0	26.6	21.2	22.0	27.4	18.0	17.4	12.3	11.9	10.3	11.5	75	45	55	58	7.3	9.9	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
24	18.0	23.6	21.5	21.2	25.0	16.6	16.3	13.8	10.9	10.7	11.8	90	50	56	65	6.7	8.3	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
25	20.0	25.0	22.5	22.5	26.5	18.4	17.3	13.1	13.9	11.5	12.2	75	50	56	60	6.7	5.0	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
26	21.0	27.6	24.0	24.2	29.2	17.1	16.0	12.5	12.1	12.5	12.5	68	44	56	57	5.3	9.5	0.0	5.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
27	19.2	21.4	18.6	19.6	22.0	18.0	17.0	14.2	16.3	14.6	15.0	86	86	90	87	8.7	4.0	0.0	1.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
28	17.4	21.0	18.4	18.8	22.0	16.4	15.6	14.2	15.6	14.2	14.2	96	84	80	87	10.0	1.5	0.0	1.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
29	17.4	20.2	19.2	19.0	21.6	17.0	16.5	14.2	14.3	15.0	14.5	96	80	90	89	8.7	3.3	45.6	1.2	0.0	0	0.0	0	45.8	1.2	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
30	17.1	21.2	20.0	19.6	23.0	16.5	15.5	13.1	15.9	13.1	14.0	90	85	75	83	7.3	2.7	14.2	1.8	0.0	0	0.0	0	1.6	1.8	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0											
31																																																
Med.	18.8	24.0	21.1	21.3	25.5	17.4	16.6	13.4	13.4	11.8	12.9	83	61	63	69	7.8	5.3	2.4	1.2	0.3	3.9	3.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8												

Precipitación total : 117.4 m.m.

DATOS DIARIOS

Estación Dolores Año 1958 Mes Octubre φ = 3° 31' N λ = 74° 53' W.G.R. Altura 1.320 M.

Días	TEMPERATURAS °C						TENSION DEL VAPOR m m						Humedad Relativa %			Brillo Solar Horas	PRECIPITACION m m			EVAPORACION m m			VIENTOS						
	7	14	20	Med.	Máx.	Mín.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.		7	14	20	Total	7	14	20	DIRECCION	FUERZA Km./Hora	DIRECCION	FUERZA Km./Hora	DIRECCION	FUERZA Km./Hora
1	18.0	20.8	21.2	20.3	23.2	16.0	15.4	13.6	15.5	12.0	13.7	88	85	63	79	8.7	1.8	—	0.2	0.2	0.8	2.4	00	0	00	0	08	2	
2	18.4	24.6	21.0	21.2	25.0	16.9	16.0	13.5	11.7	12.1	12.4	85	50	65	67	9.2	0.9	0.4	0.7	—	0.7	4.0	00	0	00	0	12	2	
3	19.6	26.0	22.6	22.7	26.3	18.0	17.0	12.9	12.2	12.3	12.5	75	48	60	61	8.7	6.0	—	—	—	0.6	4.0	00	0	08	2	16	2	
4	18.8	25.6	23.0	22.6	27.3	18.0	17.1	13.6	13.8	11.7	13.1	84	56	55	65	8.7	4.8	0.6	—	—	—	3.4	00	0	00	0	12	2	
5	18.6	22.9	20.0	20.4	24.4	17.6	16.0	15.5	15.9	13.1	14.8	86	73	75	81	10.0	0.7	—	0.4	0.6	1.6	1.6	00	0	12	2	00	0	
6	19.2	21.0	20.0	20.0	23.0	17.0	16.0	16.4	16.7	14.9	16.0	98	90	85	91	8.0	3.5	0.6	0.5	—	0.5	1.4	00	0	00	0	00	0	
7	19.0	22.4	21.0	20.8	24.9	17.6	16.5	14.1	15.2	14.2	14.5	86	74	76	79	8.7	4.1	—	5.3	2.0	15.6	2.0	00	0	08	1	00	0	
8	18.0	23.6	21.0	20.9	24.4	17.6	16.5	13.8	15.4	13.0	14.1	90	70	70	77	8.0	4.1	8.3	—	—	—	—	1.4	00	0	08	1	00	0
9	18.0	21.0	19.0	19.2	22.0	17.7	16.4	13.8	16.7	14.9	15.1	90	90	91	90	10.0	1.9	—	0.4	0.1	7.7	1.0	00	0	00	0	00	0	
10	17.0	22.9	18.6	19.3	23.6	16.6	15.0	13.8	16.7	13.6	14.7	95	80	85	83	9.3	3.7	7.2	6.2	—	12.8	1.2	00	0	00	0	08	1	
11	18.0	23.0	20.0	20.3	25.0	17.6	16.4	14.6	16.9	15.0	15.5	94	80	86	87	9.3	4.4	6.6	—	—	35.9	36.3	1.2	00	0	00	0	00	0
12	18.0	23.6	21.0	20.9	24.0	17.7	16.4	14.7	15.9	13.0	14.5	95	72	70	79	10.0	3.7	0.4	—	—	0.6	4.4	1.3	00	0	00	0	00	0
13	17.0	19.0	17.6	17.8	22.0	16.5	16.0	13.1	14.8	14.0	14.0	90	90	93	91	10.0	2.2	3.8	30.5	—	10.8	2.0	00	0	00	0	00	0	
14	18.0	25.0	20.4	21.0	26.3	17.3	16.0	15.7	16.7	12.9	15.1	86	70	72	76	6.7	6.2	—	—	0.1	30.5	2.0	00	0	00	0	12	1	
15	17.6	21.4	18.0	18.8	23.0	17.0	16.4	14.0	15.6	12.4	14.0	94	82	80	85	9.3	4.5	10.7	—	—	2.2	1.4	00	0	00	0	00	0	
16	18.0	24.6	20.0	20.6	25.3	17.5	16.0	13.8	16.3	14.1	14.7	90	70	80	80	8.0	5.9	2.2	0.7	—	28.6	1.4	00	0	00	0	12	1	
17	18.0	21.4	18.0	18.9	23.0	16.4	15.5	13.8	16.3	14.5	14.9	90	86	93	90	10.0	1.8	27.9	11.4	1.4	15.3	1.0	00	0	00	0	00	0	
18	18.0	22.0	20.0	20.1	25.3	17.6	16.4	14.7	14.4	14.6	14.6	95	73	83	84	9.3	6.8	2.5	—	—	14.5	2.0	00	0	00	0	00	0	
19	17.8	22.2	19.4	19.7	23.2	17.4	16.5	13.7	15.3	15.3	14.8	90	75	91	85	8.7	3.3	14.4	—	2.1	9.0	1.0	00	0	00	0	00	0	
20	16.8	20.2	18.0	18.2	22.8	16.5	15.4	13.2	15.9	13.1	14.0	90	90	85	88	10.0	0.9	6.9	2.9	—	2.9	1.2	00	0	16	1	00	0	
21	17.3	20.4	21.6	21.1	24.9	16.8	16.4	14.9	17.2	11.6	13.5	90	70	60	71	8.0	5.8	—	—	—	2.4	00	0	00	0	00	0		
22	19.0	20.4	19.6	19.6	23.3	17.3	16.3	14.8	15.0	13.7	14.5	90	84	80	85	8.0	2.6	—	—	—	—	1.2	00	0	00	0	00	0	
23	19.2	26.4	23.0	22.9	27.0	17.7	16.8	15.0	12.0	11.7	12.9	90	46	55	64	3.0	9.1	—	—	—	—	—	5.1	00	0	00	0	08	2
24	21.0	26.9	22.6	23.3	27.4	18.8	18.0	13.0	13.2	12.3	12.8	70	50	60	60	7.3	6.6	—	—	—	—	—	4.4	00	0	08	1	08	2
25	20.4	25.3	22.2	22.5	26.4	18.5	17.8	15.4	18.2	13.4	15.7	86	75	66	76	8.0	8.1	—	—	0.1	1.4	2.0	00	0	00	0	00	0	
26	18.8	22.4	18.6	19.6	22.6	18.1	17.3	15.4	17.7	14.5	15.9	94	87	91	91	10.0	1.2	1.3	0.4	1.7	6.4	0.0	00	0	00	0	00	0	
27	18.8	20.8	18.0	18.8	22.9	18.0	17.1	15.5	14.5	13.8	14.6	95	80	90	88	10.0	3.3	4.3	0.9	9.6	13.7	1.0	00	0	16	1	00	0	
28	18.0	21.0	20.0	19.8	23.9	17.4	16.1	14.5	14.0	14.4	14.3	93	74	83	83	9.3	7.1	3.2	—	1.1	13.5	1.2	00	0	12	1	00	0	
29	18.0	21.9	18.6	19.3	22.9	17.4	16.5	14.5	17.5	14.4	15.5	93	90	90	91	8.7	3.4	12.4	0.6	—	0.6	1.0	00	0	00	0	00	0	
30	19.9	22.0	20.0	20.5	23.0	18.2	17.1	15.6	16.7	14.4	15.6	90	84	82	85	9.3	3.7	—	—	—	6.8	1.3	00	0	00	0	08	2	
31	17.9	25.0	22.0	21.7	26.0	17.7	15.8	13.7	13.1	10.1	12.3	90	55	51	65	8.0	5.9	6.8	—	—	—	4.0	00	0	08	2	12	2	
Med.	18.4	22.9	20.2	20.4	24.3	17.4	16.4	14.3	15.3	13.4	14.3	90	74	76	80	8.7	4.0	3.9	2.0	1.8	7.7	1.9	—	—	—	—	—	—	

Precipitación total 237.2 m.m.

DATOS DIARIOS

Estación DOLORES Mes NOVIEMBRE Año 1968 $\phi = 3^{\circ} 31' N$ $\lambda = 74^{\circ} 53' WGR$ Altura 1.320 M

Días	TEMPERATURA					TENSIÓN DEL VAPOR					Humedad Relativa %			Brillo Horas	PRECIPITACION m m			VIENTOS								
	7	14	20	Med.	Mín.	Mínima Sinho	7	14	20	Med.	7	14	20		Med.	7	14	20	Total	FUERZA DIRECCION Km./hora	FUERZA DIRECCION Km./hora	FUERZA DIRECCION Km./hora				
																							7	14	20	7
1	19.2	26.0	22.6	27.0	18.8	18.0	12.5	10.0	11.2	11.2	73	40	54	56	4.7	6.9	—	—	5.0	00	00	00	08	2		
2	20.0	23.9	21.6	21.8	24.9	18.4	17.7	14.9	14.6	12.2	13.9	85	61	64	71	7.3	3.2	—	—	2.0	00	00	00	00	0	
3	18.8	25.9	21.9	22.1	27.3	17.6	16.8	13.6	12.8	11.8	12.7	84	51	60	65	6.7	8.1	—	—	4.0	00	00	00	00	0	
4	18.0	24.2	21.2	21.2	25.0	17.5	15.9	13.8	12.8	12.3	13.0	80	55	65	70	9.3	3.3	2.9	0.1	—	—	—	—	—	—	
5	18.0	25.4	22.0	21.8	26.0	17.5	16.6	12.4	12.3	11.9	12.2	90	50	60	63	8.0	8.0	—	—	4.0	00	00	08	2	12	2
6	19.0	24.9	22.1	22.1	28.0	17.0	16.0	13.2	12.0	12.0	12.4	80	51	60	64	2.7	9.7	—	—	—	—	—	—	—	—	—
7	20.0	27.7	23.0	23.4	27.9	17.9	16.8	14.9	12.5	11.7	13.0	85	45	55	62	2.0	10.3	—	—	0.1	—	—	—	—	—	—
8	20.2	25.0	21.6	22.1	26.6	17.0	16.5	15.4	11.4	11.6	12.8	85	46	60	64	9.3	4.1	0.1	—	—	—	—	—	—	—	—
9	19.0	25.6	21.0	21.6	26.4	18.0	16.9	13.9	13.1	12.3	13.1	85	53	66	68	7.3	5.1	—	—	0.2	—	—	—	—	—	—
10	18.2	23.0	20.0	20.3	25.0	17.6	16.9	14.9	14.8	15.8	15.2	95	70	90	85	8.7	4.4	0.2	—	—	—	—	—	—	—	—
11	18.6	24.4	21.0	21.2	26.0	17.7	16.4	14.4	13.7	15.7	14.6	90	60	85	78	7.3	8.8	7.0	—	—	—	—	—	—	—	—
12	16.6	21.0	18.0	18.4	22.0	15.0	14.4	13.5	13.7	12.7	14.0	95	85	82	87	10.0	2.7	11.5	0.4	—	—	—	—	—	—	—
13	16.4	21.0	18.0	18.4	23.0	15.5	13.0	13.3	14.2	13.1	13.5	95	76	85	85	8.0	8.1	0.5	—	—	—	—	—	—	—	—
14	16.0	20.0	17.1	17.6	21.0	15.5	15.0	13.0	15.8	13.1	14.0	95	90	90	92	9.3	1.0	8.3	4.0	—	—	—	—	—	—	—
15	16.3	20.0	18.0	18.1	21.3	16.0	15.0	12.4	16.2	14.7	14.4	90	93	95	93	10.0	1.2	16.4	0.1	—	—	—	—	—	—	—
16	16.4	22.0	19.0	19.1	22.4	15.3	14.6	13.3	14.9	13.3	13.8	95	75	83	84	9.3	4.0	—	—	0.1	—	—	—	—	—	—
17	17.2	22.2	19.4	19.6	23.3	16.4	15.6	14.8	15.9	15.2	15.3	100	80	90	90	9.3	6.9	0.1	—	—	—	—	—	—	—	—
18	16.2	23.2	18.2	19.0	23.4	15.9	15.0	12.9	15.6	14.0	14.2	93	73	90	85	8.0	5.4	31.7	—	—	—	—	—	—	—	—
19	17.4	23.0	19.0	19.6	24.0	16.5	15.6	14.2	15.2	14.8	14.7	95	72	90	86	8.7	5.4	36.5	1.2	—	—	—	—	—	—	—
20	18.0	22.0	18.8	19.4	22.9	16.5	16.0	14.7	15.8	14.6	15.0	95	80	88	87	3.5	22.1	3.0	—	—	—	—	—	—	—	—
21	18.0	22.2	18.8	19.6	24.0	17.6	16.5	14.7	15.9	13.1	14.6	95	76	80	84	10.0	3.2	12.9	5.8	0.3	—	—	—	—	—	—
22	18.0	23.0	19.9	20.2	23.4	17.4	16.5	14.7	16.9	15.6	15.7	95	80	90	88	9.3	5.0	3.1	—	—	—	—	—	—	—	—
23	17.4	21.6	19.0	19.2	22.0	15.5	15.0	14.2	16.5	15.7	15.5	95	86	95	82	9.3	2.6	—	—	—	—	—	—	—	—	—
24	17.6	22.2	19.0	19.4	23.0	16.4	16.0	14.0	15.9	15.7	15.2	93	80	95	89	8.7	3.8	5.6	—	—	—	—	—	—	—	—
25	17.0	21.0	18.3	18.6	22.0	15.9	15.0	13.8	15.1	14.9	14.6	95	81	95	90	10.0	2.7	32.8	2.0	—	—	—	—	—	—	—
26	17.6	22.6	20.0	20.0	23.3	16.3	15.0	14.4	15.1	14.9	14.8	95	73	85	84	8.0	5.5	—	—	0.4	—	—	—	—	—	—
27	18.6	23.9	18.2	19.7	24.9	18.0	17.3	15.3	16.3	13.3	15.0	95	73	85	84	8.0	5.2	—	0.2	—	—	—	—	—	—	—
28	18.0	22.2	18.2	19.2	22.9	17.4	16.5	14.7	14.1	14.0	14.3	95	70	95	85	10.0	0.9	18.3	—	—	—	—	—	—	—	—
29	18.8	24.6	18.8	20.2	25.2	17.4	16.3	15.5	16.7	15.5	15.9	95	70	95	87	8.0	4.4	32.2	0.3	—	—	—	—	—	—	—
30	18.2	24.4	19.4	20.4	24.9	17.7	16.4	14.9	16.1	15.2	15.4	95	70	90	85	9.3	4.7	—	—	—	—	—	—	—	—	—
Med.	18.0	23.3	19.8	20.2	24.3	16.9	16.0	14.1	14.6	13.7	14.1	91	69	80	80	8.2	4.9	8.9	0.6	—	—	—	—	—	—	—

Presipitación total : 345.7 mm.

DATOS DIARIOS

Estación Dolorosa

Mes Diciembre AÑO 1968

φ = 34° 31' N λ = 74° 53' WGR

Altura 1.320 M.

Días	TEMPERATURAS					TENSIÓN DEL VAPOR					Humedad Relativa %			Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS									
	7	14	20	Med.	Min. Máx.	Mínimo Sueto	7	14	20	Med.	7	14	20		Med.	7	14	20	Total	7	14	20	DIRECCION	FUERZA Km./Hora	DIRECCION	FUERZA Km./Hora	DIRECCION	FUERZA Km./Hora		
																													20	Med.
1	18.4	21.9	18.6	19.5	22.0	17.1	15.8	15.3	17.5	14.6	15.8	96	90	90	92	10.0	2.5	59.6	—	8.3	11.0	1.0	00	0	00	0	00	0		
2	17.4	22.2	18.6	19.2	22.2	17.3	16.0	14.2	16.3	15.2	15.2	96	81	94	90	8.7	2.6	2.7	—	—	1.1	0.4	00	0	00	0	00	0		
3	18.8	23.9	20.6	21.0	24.9	17.3	16.4	15.3	15.6	14.5	15.1	95	70	80	82	8.7	8.3	1.1	—	—	0.5	1.3	00	0	00	0	00	0		
4	18.1	23.2	19.0	19.8	23.9	16.8	15.4	14.7	15.0	13.2	14.3	90	70	80	82	8.7	5.3	0.5	—	—	17.9	1.4	00	0	00	0	12	2		
5	18.0	21.9	18.6	19.3	23.6	16.5	15.4	13.8	14.7	12.9	13.8	90	75	80	82	8.7	3.4	17.9	0.3	—	30.5	1.2	00	0	00	0	00	0		
6	17.9	24.0	19.9	20.4	26.0	17.4	15.9	14.7	15.7	14.7	15.0	96	70	85	84	8.7	6.5	30.2	—	—	—	1.2	00	0	00	0	00	0		
7	19.0	24.9	21.2	21.6	25.9	18.1	17.0	15.2	17.7	15.3	16.1	93	75	85	84	9.3	8.7	—	—	—	—	1.2	00	0	00	0	00	0		
8	18.2	23.2	20.0	20.3	24.6	18.0	17.3	14.9	16.3	16.6	15.9	95	76	95	89	9.3	2.8	—	—	—	—	0.7	0.1	0.8	0.4	00	0	12	2	
9	18.4	22.2	18.4	19.3	25.0	17.5	17.0	15.1	16.8	14.2	15.4	95	84	90	90	9.3	5.3	—	—	—	—	1.0	—	1.0	1.4	00	0	00	0	
10	19.0	24.9	20.2	21.1	26.3	17.6	16.5	15.7	17.2	15.9	16.3	95	73	90	88	9.3	6.1	—	—	—	—	0.1	2.5	8.7	1.4	00	0	00	0	
11	18.0	21.6	19.4	19.6	23.9	17.3	16.4	14.6	16.5	14.3	15.1	94	86	85	88	9.3	5.7	6.1	—	—	—	0.1	9.2	1.4	00	0	16	2	00	0
12	19.0	24.0	21.9	21.7	25.3	17.6	16.4	15.7	16.4	11.0	15.0	95	83	56	78	8.0	7.3	9.1	—	—	—	—	—	2.0	00	0	00	0	12	2
13	17.4	26.3	22.2	22.0	27.9	16.5	16.0	14.2	13.1	11.6	13.0	96	51	58	68	3.0	9.9	—	—	—	—	—	—	3.2	00	0	00	0	12	2
14	18.2	26.9	22.9	22.7	27.4	18.1	17.3	13.6	14.6	12.5	13.6	86	55	60	67	3.7	9.4	—	—	—	—	—	—	2.4	00	0	00	0	00	0
15	20.1	24.9	19.9	21.2	26.0	18.0	17.1	15.8	17.8	14.8	16.1	90	76	86	84	7.3	5.8	—	—	—	—	—	—	1.4	00	0	16	2	00	0
16	19.4	24.2	22.0	21.9	25.3	18.3	17.0	15.8	16.5	12.8	15.0	94	73	65	77	8.7	5.6	—	—	—	—	—	—	2.0	00	0	00	0	00	0
17	18.4	24.9	22.0	21.8	26.0	17.7	16.4	14.2	14.0	11.9	13.4	90	60	60	60	7.0	8.0	7.6	—	—	—	—	—	2.4	00	0	00	0	12	2
18	19.0	23.3	21.0	21.1	26.3	17.7	16.3	12.3	17.1	13.0	14.1	75	80	70	75	7.3	7.9	4.7	—	—	—	—	—	2.2	00	0	12	2	00	0
19	18.0	25.0	20.0	20.8	26.6	17.3	16.0	13.8	17.3	14.1	15.1	90	72	80	81	7.0	8.1	—	—	—	—	—	—	1.4	00	0	16	2	00	0
20	18.8	24.4	22.0	21.8	26.0	17.4	16.5	15.5	17.2	11.9	14.9	95	75	60	77	7.3	7.9	—	—	—	—	—	—	2.2	00	0	12	2	00	0
21	18.0	25.4	20.6	21.2	26.3	17.3	16.0	14.7	17.2	13.6	15.2	95	72	75	81	6.7	7.7	—	—	—	—	—	—	1.4	00	0	00	0	00	0
22	19.2	23.6	22.0	21.7	24.9	17.9	16.4	15.9	16.4	17.0	16.4	95	75	86	85	8.7	4.7	—	—	—	—	—	—	1.2	00	0	00	0	00	0
23	18.6	23.2	21.2	21.1	24.6	17.0	16.0	15.3	15.6	15.3	15.4	95	73	81	83	10.0	5.6	—	—	—	—	—	—	1.0	00	0	00	0	00	0
24	18.4	23.0	20.0	20.4	24.0	17.4	16.4	15.3	15.5	15.0	15.3	96	73	86	85	8.0	4.6	5.1	0.2	—	—	—	—	1.0	00	0	16	2	00	0
25	18.4	23.6	20.9	20.9	26.3	17.6	15.9	14.4	15.4	12.8	14.2	91	60	70	74	6.0	8.8	—	—	—	—	—	—	2.0	00	0	00	0	12	2
26	18.0	25.6	21.8	21.8	26.3	17.4	15.9	15.0	15.5	12.8	14.4	97	63	65	75	8.0	7.1	—	—	—	—	—	—	2.0	00	0	00	0	12	2
27	17.6	23.0	21.9	21.1	26.2	17.1	16.4	14.0	15.5	12.8	14.1	93	73	65	77	8.7	7.9	—	—	—	—	—	—	2.0	00	0	00	0	00	0
28	19.0	23.6	19.0	20.1	24.9	18.1	17.5	14.8	16.6	14.1	15.2	90	76	86	84	8.7	2.3	—	—	—	—	—	—	1.0	00	0	16	2	00	0
29	18.8	25.8	21.9	22.1	26.8	17.3	16.6	15.5	11.2	12.3	13.2	95	45	55	65	6.0	9.5	—	—	—	—	—	—	3.0	00	0	12	2	12	2
30	17.8	26.0	21.0	21.4	26.3	17.4	16.8	14.6	11.2	10.3	12.0	95	44	55	65	3.3	8.0	—	—	—	—	—	—	4.0	00	0	12	2	12	2
31	17.6	25.2	21.0	21.2	25.4	15.8	15.0	14.2	14.4	9.2	12.4	94	60	50	68	4.7	9.1	—	—	—	—	—	—	3.0	00	0	00	0	00	0
Med	18.4	24.0	20.6	20.9	25.4	17.4	16.4	14.8	15.8	13.6	14.7	93	71	75	80	7.7	6.5	4.6	0.1	0.7	3.2	1.7	—	—	—	—	—	—	—	—

Precipitación total 1101.0 mm.

RESUMEN MENSUAL Y ANUAL

ESTACION: Doloros

AÑO: 1968

M E S	PRESION ATMOSFERICA SOBRE BOD MM. HG.			TEMPERATURA OC			TEMPERATURAS EXTREMAS OC						HUMEDAD RELATIVA %			TENSION DEL VAPOR DEL VAPOR			NUBOSIDAD MEDIA EN DECIMOS			HORAS BRILLO SOLAR			EVAPORACION MM.			PRECIPITACION																	
	MAYIMA	MEDIA	MINIMA	MAYIMA	MEDIA	MINIMA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	MAYIMA	ABSOLUTA	SUMA		
																																											7	14	20
ENERO	18.0	23.1	20.3	20.4	24.5	16.9	27.0	19	15.0	2	16.0	88	65	72	75	36	16.4	7.8	13.3	6.3	6.1	2.7	118.6	11.3	10.6	173.4	12	41.7	11	53.2	26														
FEBRERO	18.4	23.2	20.4	20.6	24.3	17.5	27.0	V	15.9	1	16.6	90	67	76	78	48	16.3	8.4	14.0	7.4	4.4	2.1	219.9	5.8	3.2	191.9	11	53.2	26																
MARZO	18.3	22.9	20.4	20.5	24.3	17.3	27.5	28	16.0	V	16.3	88	71	74	78	45	17.5	11.3	14.0	7.6	4.6	2.1	201.3	26.7	47.0	167.3	17	58.8	24																
ABRIL	18.4	22.9	20.1	20.4	24.4	17.4	28.0	7	15.4	12	16.5	91	73	84	83	54	18.2	11.1	14.8	7.3	4.4	1.6	322.0	43.5	26.3	392.0	22	15.4	15																
MAYO	18.8	23.7	20.2	20.7	25.0	17.6	27.4	25	15.5	10	16.7	81	63	71	71	45	17.8	8.4	13.1	6.9	5.8	3.3	12.1	48.5	2.3	62.7	16	27.9	9																
JUNIO	18.2	22.8	20.2	20.4	24.3	17.3	27.3	13	15.7	6	16.3	83	67	73	74	40	16.9	8.1	13.2	6.5	5.3	2.8	50.4	11.6	18.2	84.7	23	34.5	5																
JULIO	18.2	23.2	20.2	20.5	24.5	17.0	26.4	V	15.4	17	15.9	80	60	66	69	45	16.5	7.8	12.3	7.5	6.0	4.2	40.0	34.9	3.0	73.4	14	44.7	17																
AGOSTO	19.3	25.0	21.2	21.7	26.3	17.9	29.0	12	15.5	31	16.9	77	53	63	65	30	15.6	8.1	12.4	6.2	6.7	4.6	5.8	11.8	3.1	21.6	13	10.4	30																
SEPTIEMBRE	18.8	24.0	21.1	21.3	25.5	17.4	29.2	26	15.9	V	16.6	83	61	63	69	40	16.7	10.2	12.9	7.8	5.3	3.7	73.7	35.9	8.7	117.4	12	45.8	28																
OCTUBRE	18.4	22.9	20.2	20.4	24.3	17.4	27.4	24	16.4	17	16.4	90	74	76	80	46	18.2	10.1	14.3	8.7	4.0	1.9	120.5	61.1	55.6	237.2	24	36.3	11																
NOVIEMBRE	18.0	23.3	19.8	20.2	24.3	16.9	28.0	6	15.0	12	16.0	91	69	80	80	40	16.9	10.0	14.1	8.2	4.9	1.8	268.2	17.6	0.3	345.7	24	59.0	30																
DICIEMBRE	18.4	24.0	20.6	20.9	25.4	17.4	27.9	13	15.8	31	16.4	93	71	75	80	44	18.4	9.2	14.7	7.7	6.5	1.7	137.0	2.6	21.0	101.0	15	30.5	5																
MEDIA ANUAL	18.4	23.4	20.4	20.7	24.8	17.3	27.7	—	15.6	—	16.4	86	66	73	75	43	17.1	9.2	13.4	7.3	5.3	2.7	122.0	25.4	16.6	164.0	203	46.6	—																

PRECIPITACION TOTAL: 1,968.3

PRECIPITACION MAXIMA: 135.3 IV - 15

DIAS LLUVIOSOS: 201

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

ESTACION: Doloroso

AÑO: 1-1968

MESES	PRECIPITACION												TOTAL					TEMPERATURA				
	7 HORAS			14 HORAS			20 HORAS			MÁS DE			MÁS DE 100	200	500	Mínimo Abajo de 16 °C	Mínimo 18 °C	Máximo 23 °C	Máximo Abajo de 27 °C			
	Más de 01	100	200	Más de 01	100	200	Más de 01	100	200	Más de 500	Más de 10	10								20	50	
ENERO	6	5	4	4	-	-	4	2	-	-	-	12	9	7	6	6	5	-	6	3	8	1
FEBRERO	8	7	5	1	-	-	8	1	-	-	-	11	10	7	6	6	4	1	2	8	8	2
MARZO	14	9	4	2	-	-	7	3	1	-	-	17	11	9	8	5	3	1	5	7	8	1
ABRIL	15	12	5	5	2	-	14	10	2	-	-	22	18	17	14	7	5	3	2	8	6	2
MAYO	9	4	-	-	-	-	9	4	2	1	-	16	8	6	3	2	1	-	2	10	6	3
JUNIO	19	7	2	1	-	-	9	4	-	-	-	23	15	8	3	2	1	-	2	5	6	1
JULIO	10	5	2	-	-	-	4	1	1	1	-	14	5	3	2	2	1	-	7	3	6	-
AGOSTO	7	2	-	-	-	-	5	2	1	-	-	13	6	2	1	1	-	-	4	19	2	14
SEPTBRE.	9	4	2	1	-	-	5	3	1	-	-	12	7	6	6	3	2	-	3	9	5	9
OCTUBRE	19	15	4	1	-	-	14	5	2	1	-	24	19	16	14	10	3	-	1	7	10	3
NOVBRE.	18	14	9	6	-	-	11	5	-	-	-	24	16	15	14	10	8	1	8	4	10	4
DICIEMBRE.	10	9	3	2	1	-	6	1	-	-	-	15	11	9	7	3	1	-	1	6	2	2
SUMA ANUAL	144	94	42	27	4	-	93	44	10	3	-	203	135	105	84	57	34	6	43	89	77	42

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	PRECIPITACION MAS DE 0.1 MM.																								TOTAL
	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	
ENERO	2	3	3	3	2	3	3	2	3	4	-	-	-	-	1	2	-	-	2	1	1	1	2	4	12
FEBRERO	3	5	7	3	2	3	3	1	3	3	1	-	-	-	1	1	2	2	2	1	1	2	1	2	12
MARZO	7	7	6	4	1	5	3	3	1	-	2	-	3	3	2	1	-	3	2	-	1	3	6	5	19
ABRIL	9	10	8	5	5	3	6	7	4	5	3	4	3	3	3	2	-	2	3	4	8	9	22	22	
MAYO	2	2	2	3	3	1	2	1	2	4	5	3	2	1	1	2	2	-	1	-	1	-	-	-	16
JUNIO	4	4	7	7	4	5	3	2	3	4	2	2	2	4	3	2	3	2	3	4	5	5	3	5	20
JULIO	2	3	1	2	1	3	1	3	1	1	1	2	2	1	1	1	-	-	3	1	1	2	3	3	14
AGOSTO	-	1	1	2	2	-	-	-	-	2	3	1	1	1	2	1	2	-	1	1	3	-	2	2	12
SEPTBRE.	2	3	3	4	5	5	3	3	3	1	2	2	1	2	1	-	-	-	-	1	-	-	2	-	11
OCTUBRE	5	4	5	9	10	13	12	7	6	4	3	6	4	4	7	5	5	2	2	2	1	2	3	5	26
NOVBRE.	5	5	10	9	8	10	11	7	5	4	2	-	2	-	-	-	-	1	-	-	2	3	5	6	23
DICIEMBRE.	1	3	7	5	3	2	3	2	1	2	-	-	2	1	5	2	1	-	1	-	2	2	3	17	
SUMA ANUAL	42	50	60	56	46	53	50	38	31	32	23	22	22	20	27	19	17	10	17	13	19	25	37	46	204

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: D O L O R O S

Año 1.968

MESES	TOTAL			No. PRECIPITACIONES			CANTIDAD			DURACION				PRECIPITACION MAXIMA				DURACION MAXIMA			
	m. m.	Días		Días	Noche	Total	Día	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	173.4	12	10	12	22	21.8	151.6	7:45'	24:25'	32:10'	38.7	5:00'	0.13	5.0	1.0	6:55'	28.7	0.07	7.5	1.5	
Febrero	191.9	11	14	11	25	9.0	182.9	8:35'	21:50'	30:25'	47.0	5:15'	0.15	8.0	1.6	5:15'	47.0	0.15	8.0	1.6	
Marzo	167.3	17	14	24	38	65.7	101.6	8:05'	29:15'	37:20'	58.6	2:50'	0.34	10.0	2.0	6:40'	8.9	0.02	1.2	0.2	
Abril	392.0	22	21	31	52	64.8	327.2	18:30'	54:55'	73:25'	71.2	5:15'	0.23	9.0	1.8	7:00'	54.8	0.13	9.5	1.9	
Mayo	62.7	16	20	11	31	50.8	11.9	9:45'	8:50'	18:35'	27.7	1:15'	0.37	6.0	1.2	3:20'	4.5	0.02	0.5	0.1	
Junio	84.7	23	22	27	49	27.4	57.3	17:00'	35:00'	52:00'	17.7	6:10'	0.05	0.7	0.1	6:30'	17.7	0.05	0.7	0.1	
Julio	73.4	14	10	14	24	37.9	35.5	9:45'	10:20'	20:05'	33.5	5:25'	0.10	4.6	0.9	5:25'	33.5	0.10	4.6	0.9	
Agosto	21.6	13	12	9	21	15.5	6.1	8:05'	5:25'	13:30'	9.5	1:30'	0.10	2.2	0.4	2:45'	2.5	0.02	0.3	0.1	
Septre.	117.4	12	6	15	21	40.4	77.0	6:35'	20:30'	27:05'	45.6	6:20'	0.12	4.0	0.8	6:20'	45.6	0.12	4.0	0.8	
Octbre.	237.2	24	30	33	63	103.0	134.2	24:20'	55:45'	80:05'	38.8	6:10'	0.10	8.1	1.6	7:45'	8.4	0.02	0.4	0.1	
Novbre.	345.7	24	17	36	53	16.0	329.7	10:20'	54:50'	65:10'	58.7	2:40'	0.37	6.0	1.2	8:10'	31.3	0.06	4.1	0.8	
Debre.	101.0	15	15	19	34	23.6	77.4	7:45'	16:30'	24:15'	30.2	2:20'	0.22	4.3	0.9	3:20'	17.2	0.09	3.5	0.7	
TOTALES	1968.3	203	191	242	433	475.9	1492.4	136:30'	337:35'	474:05'	477.2	50:10'	XX	XX	XX	69:105'	300.1	XX	XX	XX	

DATOS DIARIOS

Estación *disante*

Mes *enero*

Año 1968

$\phi = 2^{\circ} 21' N$ $\lambda = 75^{\circ} 31' W$ G.R.

Altura 1.500 m.

Días	TEMPERATURA					TENSIÓN DEL VAPOR					Humedad Relativa %			Brillo Solar Horas	PRECIPITACION m.m.			EVAPORACION m.m.	VIENTOS									
	7	14	20	Med.	Máx.	Mín.	Mínima Sueto	7	14	20	Med.	7	14		20	Total	DIRECCION		FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA					
																								7	14	20	Med.	7	14	20
1	18.0	23.4	18.4	19.6	23.9	17.4	16.6	13.8	11.3	12.8	12.6	90	52	80	74	7.0	9.8	—	—	—	2.8	06	3	12	3	06	2	
2	17.0	23.2	18.4	19.2	25.9	15.6	14.4	13.7	7.6	10.6	10.6	94	35	66	65	7.0	8.0	—	—	—	3.2	00	0	12	1	06	1	
3	15.4	26.6	18.9	20.0	26.9	14.8	14.0	8.5	4.5	8.7	7.2	66	12	54	44	5.0	8.2	—	—	—	3.0	06	1	06	1	02	1	
4	17.8	23.1	20.3	20.4	23.7	17.3	16.5	11.5	10.8	11.6	11.3	75	50	66	64	7.3	1.5	—	—	—	2.6	06	1	02	1	06	2	
5	16.9	21.9	20.0	20.0	22.4	15.9	12.3	13.7	13.1	13.0	13.0	80	71	75	75	7.0	1.0	—	—	—	0.5	1.6	06	1	06	1	06	1
6	17.9	20.0	19.8	19.4	21.4	16.8	16.0	13.8	16.0	14.7	14.8	96	87	85	89	7.0	0.5	—	—	—	0.9	1.8	06	1	12	1	06	1
7	18.3	23.4	19.9	20.4	24.9	17.6	16.9	14.9	10.8	12.0	12.6	95	50	70	72	5.7	2.1	—	—	—	2.0	06	1	12	1	12	1	
8	17.6	22.4	19.0	19.5	23.0	16.0	14.8	11.2	10.3	12.3	11.2	74	50	75	66	3.0	2.6	—	—	—	2.1	06	1	02	1	04	2	
9	18.0	23.5	19.6	20.2	24.0	17.3	15.5	12.7	10.5	9.1	10.8	82	48	53	61	3.0	2.1	—	—	—	2.6	00	0	08	1	04	2	
10	17.6	23.4	20.0	20.8	26.2	16.8	15.5	10.6	5.4	9.6	8.5	67	22	55	48	2.3	4.5	—	—	—	3.6	06	1	00	0	00	0	
11	18.6	25.0	19.5	20.6	26.0	16.8	14.9	11.1	7.2	8.6	9.0	69	30	50	50	3.0	4.2	—	—	—	3.0	06	2	14	2	06	1	
12	18.0	23.9	19.4	20.2	25.5	16.6	14.9	12.4	10.6	14.7	12.6	80	48	88	72	4.3	6.0	—	—	—	3.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
13	16.6	25.6	20.5	20.8	26.5	15.5	13.8	13.3	9.8	12.7	11.9	94	40	70	68	4.3	6.3	—	—	—	2.4	02	1	12	2	06	1	
14	17.9	23.4	17.8	19.7	26.5	16.9	14.9	12.8	9.8	13.0	11.9	83	40	85	69	4.3	3.9	—	—	—	2.8	06	1	16	1	16	1	
15	18.4	23.2	17.0	18.9	25.0	17.4	16.0	15.1	9.4	12.0	12.2	95	44	83	74	3.3	4.6	—	—	—	0.1	0.1	0.2	2.9	00	0	02	2
16	17.8	22.6	18.3	19.2	23.0	14.7	13.8	12.3	13.0	11.8	12.4	80	63	75	73	4.3	2.1	—	—	—	—	—	—	—	—	—	—	—
17	16.3	24.3	19.7	20.0	25.4	15.0	14.4	11.5	9.2	11.2	10.6	84	40	65	63	5.0	6.4	—	—	—	0.7	—	—	—	—	—	—	—
18	17.8	23.0	18.8	19.6	24.0	17.5	16.4	12.3	12.6	13.2	12.7	81	60	81	74	6.3	2.1	—	—	—	—	—	—	—	—	—	—	—
19	16.1	25.8	21.4	21.2	26.3	15.5	13.9	12.4	8.8	10.5	10.6	90	35	55	60	4.3	6.9	—	—	—	—	—	—	—	—	—	—	—
20	16.1	25.2	20.6	20.6	26.0	15.2	14.1	11.8	12.8	12.7	12.4	85	73	70	69	4.0	9.1	—	—	—	—	—	—	—	—	—	—	—
21	17.4	24.1	19.4	20.1	25.0	16.5	15.5	13.6	16.9	13.7	14.7	91	57	81	82	5.3	6.7	—	—	—	—	—	—	—	—	—	—	—
22	18.0	25.1	19.9	20.7	25.3	17.0	15.8	13.4	12.8	14.7	13.6	87	53	85	75	4.7	2.8	—	—	—	—	—	—	—	—	—	—	—
23	17.6	18.9	18.4	18.3	20.2	16.8	15.5	15.2	15.4	15.2	15.3	100	94	95	96	7.7	—	—	—	—	—	—	—	—	—	—	—	—
24	16.9	24.8	20.6	20.7	25.3	16.3	15.1	13.1	14.0	16.5	13.9	91	60	80	77	4.7	5.0	—	—	—	—	—	—	—	—	—	—	—
25	16.9	20.4	18.8	18.7	22.5	16.7	15.3	13.4	15.3	15.8	14.8	93	85	97	92	8.3	2.3	—	—	—	—	—	—	—	—	—	—	—
26	15.6	23.3	19.2	19.7	24.9	14.4	12.9	12.6	15.4	13.9	14.0	95	72	80	82	3.3	7.0	—	—	—	—	—	—	—	—	—	—	—
27	16.2	25.1	19.9	20.3	26.8	15.7	14.5	11.0	6.0	7.8	8.3	80	25	45	50	3.7	8.6	—	—	—	—	—	—	—	—	—	—	—
28	18.0	25.9	21.8	21.9	27.9	16.8	16.0	11.6	6.4	12.8	11.3	75	38	65	59	2.7	9.5	—	—	—	—	—	—	—	—	—	—	—
29	18.2	25.0	20.6	21.1	25.8	17.5	16.4	14.0	11.9	15.0	13.6	90	50	83	74	5.7	7.0	—	—	—	—	—	—	—	—	—	—	—
30	17.0	21.0	19.6	19.3	22.0	16.9	16.0	14.2	16.7	16.3	15.7	98	90	95	94	8.0	1.4	—	—	—	—	—	—	—	—	—	—	—
31	17.4	18.8	17.6	17.8	19.0	17.0	16.5	14.6	16.3	14.8	15.2	98	100	98	99	7.3	—	—	—	—	—	—	—	—	—	—	—	—
Med	17.3	23.6	19.5	20.0	24.5	16.4	15.2	12.7	11.4	12.6	12.2	86	54	74	71	5.1	4.6	—	—	—	—	—	—	—	—	—	—	—

Precipitación total : 90.2 m.m.

DATOS DIARIOS

Estación Oligasta Mes Febrero Año 1968 $\phi = 2^{\circ} 21' N$ $\lambda = 75^{\circ} 31' WGB$ Altura 1.500 M.

54

Días	TEMPERATURA °C						TENSIÓN DEL VAPOR m.m.						Humedad Relativa %			Brillo Solar Horas	PRECIPITACION m.m.			EVAPORACION m.m.	VIENTOS												
	Med.		Máx. Min.		Mínima Suolo		7		14		20		7		14		20		7		14		20										
	7	14	20	Med.	20.4	18.4	17.2	21.8	17.6	18.6	22.2	16.0	14.9	13.4	13.9		13.5	13.6	91		71	90	84	6.0	0.8	0.2	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA				
1	16.8	21.9	19.9	19.6	23.9	16.6	15.4	13.6	15.9	14.7	14.7	95	85	85	88	5.3	2.7	—	1.4	—	14.4	1.2	0.6	1	16	2	02	1					
2	16.8	18.8	16.7	17.2	19.5	16.5	16.0	14.2	14.7	13.6	14.2	99	91	95	95	8.0	—	13.0	0.4	0.8	2.3	0.2	0.2	1	16	2	04	1					
3	15.8	20.8	18.1	18.9	22.2	15.5	15.0	13.5	17.1	14.9	15.2	100	93	95	96	6.7	2.6	2.1	—	—	—	—	1.0	1.4	1	16	2	00	0				
4	17.3	22.6	17.9	18.9	23.5	16.6	15.4	13.4	13.0	10.6	12.3	93	63	70	75	3.0	6.1	—	—	—	—	—	3.0	1.6	2	16	3	00	0				
5	16.8	23.1	16.2	19.6	23.5	16.8	15.6	12.0	12.6	12.2	12.3	73	60	78	70	4.0	6.8	—	—	—	—	—	2.4	1.6	1	02	3	06	2				
6	17.0	23.2	18.9	19.5	24.6	15.8	15.5	13.8	12.8	13.7	13.4	95	60	85	80	3.0	6.3	—	—	—	—	—	1.9	0.0	0	00	0	04	1				
7	17.6	22.6	19.8	20.0	24.0	16.6	15.3	13.5	14.5	14.7	14.2	90	70	85	82	5.3	6.2	—	—	—	—	—	2.0	0.0	0	16	3	04	1				
8	16.6	20.0	18.6	18.4	21.0	16.0	14.5	13.6	14.9	14.4	14.3	96	85	90	90	6.3	0.9	—	—	—	—	—	1.2	0.0	0	14	2	00	0				
9	17.2	21.8	17.6	18.6	22.2	16.0	14.9	13.4	13.9	13.5	13.6	91	71	90	84	6.0	0.8	0.2	—	—	—	—	1.2	0.0	0	00	0	08	1				
10	17.2	20.8	18.8	18.9	21.0	16.0	14.9	13.2	16.4	15.7	15.1	90	90	96	92	4.7	—	—	—	—	—	—	2.1	0.0	0	00	0	14	1				
11	17.4	22.9	19.9	20.0	24.2	16.5	15.4	13.3	13.0	14.7	13.7	90	64	85	80	4.3	2.6	—	—	—	—	—	1.4	0.0	0	00	0	00	0				
12	18.3	24.0	19.6	20.4	25.0	17.9	17.0	13.3	13.5	12.0	12.9	85	60	70	72	5.0	5.8	—	—	—	—	—	2.2	0.0	0	02	1	04	2				
13	17.4	24.2	20.0	20.4	25.0	16.0	14.0	12.5	13.5	13.1	13.0	84	60	75	73	5.7	6.9	—	—	—	—	—	2.2	0.4	1	00	0	00	0				
14	18.4	22.8	21.0	20.8	23.6	16.9	16.0	15.1	15.0	14.9	15.0	95	72	80	82	5.3	1.8	—	—	—	—	—	1.2	0.0	0	14	2	06	2				
15	18.6	25.6	19.9	21.0	26.0	17.4	16.5	12.9	8.6	8.7	10.1	80	35	50	55	3.7	5.5	—	—	—	—	—	2.2	0.0	0	00	0	04	2				
16	17.6	25.2	21.6	21.5	26.0	16.8	16.0	9.2	4.9	7.8	7.3	61	20	40	40	4.7	—	—	—	—	—	—	3.2	0.6	2	00	0	04	2				
17	19.9	21.9	19.8	20.4	22.9	18.0	17.0	13.0	13.6	13.0	13.2	75	70	75	73	5.3	0.7	—	—	—	—	—	0.1	0.1	2.0	0.0	0	00	0				
18	19.0	22.9	19.9	20.4	24.4	18.4	16.5	11.5	13.8	12.0	12.4	94	66	70	77	4.3	1.3	—	—	—	—	—	0.2	—	0.2	2.4	0.0	0	06	1			
19	18.0	27.4	19.9	21.3	29.0	16.9	16.0	10.8	6.0	13.9	10.2	70	22	80	57	4.3	8.6	—	—	—	—	—	0.1	0.1	3.0	0.6	1	00	0				
20	18.4	23.4	19.6	20.2	24.0	17.7	16.8	15.3	16.0	15.4	15.6	96	75	90	87	5.0	3.1	—	—	—	—	—	2.6	1.0	1.6	2	14	3	04	1			
21	17.8	23.4	19.8	20.2	24.5	17.0	16.0	14.0	15.7	13.9	14.9	98	72	80	83	6.7	1.9	2.6	—	—	—	—	0.2	1.2	1.6	1	00	0	04	1			
22	17.6	25.0	21.2	21.2	25.5	17.0	16.0	14.5	11.9	12.0	12.8	96	50	63	70	4.7	8.8	0.1	—	—	—	—	3.6	0.0	3.0	1.6	3	16	2	00	0		
23	18.0	24.6	21.8	21.6	25.3	17.5	16.0	14.9	10.3	10.7	12.0	96	45	55	65	5.3	5.4	—	—	—	—	—	—	—	9.5	3.0	1.6	3	16	2	00	0	
24	17.9	23.0	19.6	20.0	24.0	17.0	16.1	14.4	15.2	15.4	15.0	95	72	90	86	5.3	3.1	9.5	—	—	—	—	—	—	1.4	0.0	0	16	3	00	0		
25	17.9	23.3	18.6	19.4	23.4	17.3	16.1	14.7	14.0	12.9	13.9	96	70	80	82	4.3	3.5	—	—	—	—	—	1.0	1.0	2.0	1.6	1	00	0	00	0		
26	16.8	23.9	19.0	19.7	25.0	16.5	15.5	12.9	13.9	14.8	13.9	90	63	90	81	4.3	5.8	—	—	—	—	—	0.1	0.2	1.6	0.0	0	00	0	00	0		
27	17.2	18.8	16.8	17.4	20.0	16.6	15.4	14.1	16.3	13.8	14.7	96	100	96	97	6.3	—	—	—	—	—	—	0.1	0.9	—	0.9	0.6	0.0	0	04	1		
28	16.6	19.9	18.4	18.3	21.2	15.5	14.4	13.5	15.6	15.1	14.7	95	90	95	93	6.3	—	—	—	—	—	—	1.2	—	1.2	0.6	1	00	0	00	0		
29	16.6	21.4	18.6	18.8	22.5	16.0	15.0	13.9	15.8	14.4	14.7	98	83	90	90	6.0	0.4	—	—	—	—	—	—	—	6.1	—	1.2	0.0	0	00	0		
30																																	
31																																	
Med.	17.6	22.7	19.3	19.7	23.7	16.8	15.7	13.4	13.5	13.3	13.4	90	67	80	79	5.1	3.4	1.0	0.4	0.1	1.4	1.8	—	—	—	—	—	—	—	—	—	—	

Precipitación total : 39.9 mm.

D A T O S D I A R I O S

Estación Oligante.

Mes MARZO

Año 1968

☉ 28° 21' N

☽ 75° 31' W.G.R.

Altura 1,500 m.

Días	T E M P E R A T U R A S						T E N S I O N D E L V A P O R						H u m e d a d R e l a t i v a			N U B O S I D A D DECIMOS	B r i l l o S o l a r Horas	P R E C I P I T A C I O N m m			E V A P O R A C I O N			V I E N T O S					
	C		C		C		m m		%		%		m m		m m			m m		DIRECCION		DIRECCION		DIRECCION		DIRECCION			
	7	14	20	Med.	Máx.	Mín.	Mínima Sueto	7	14	20	Med.	7	14	20	Med.			7	14	20	7	14	20	7	14	20	7	14	20
1	16.8	21.6	18.6	18.2	23.0	15.5	14.0	12.8	17.3	14.8	15.0	89	98	91	4.0	3.5	—	—	—	—	—	—	—	—	—	—	—		
2	16.9	22.8	18.0	18.9	24.0	16.5	15.5	14.4	14.7	14.7	14.6	100	70	93	88	5.7	3.8	6.7	—	—	—	—	—	—	—	—	—		
3	16.3	23.3	17.9	18.8	24.0	15.3	14.4	13.3	16.0	13.7	14.3	96	75	90	87	4.0	4.3	—	—	—	—	—	—	—	—	—	—		
4	17.0	22.2	17.0	18.3	22.6	16.0	14.5	14.6	11.2	12.5	12.8	100	55	86	80	5.0	5.9	0.9	—	—	—	—	—	—	—	—	—		
5	16.0	24.2	18.2	19.2	25.0	15.0	14.0	13.1	10.1	12.6	11.9	95	45	80	74	4.0	6.6	—	—	—	—	—	—	—	—	—	—		
6	16.4	24.0	19.0	19.6	24.4	15.6	14.5	11.8	13.5	9.9	11.7	85	60	60	68	4.0	7.9	—	—	—	—	—	—	—	—	—	—		
7	17.6	20.2	18.1	18.5	22.0	15.5	14.5	12.8	15.1	14.9	14.3	85	85	95	88	5.0	2.4	—	—	—	—	—	—	—	—	—	—		
8	16.8	21.2	16.8	17.9	22.0	16.0	15.0	13.8	15.9	13.8	14.5	96	85	96	92	5.7	2.5	—	—	—	—	—	—	—	—	—	—		
9	15.2	19.8	16.8	17.2	20.0	14.0	12.5	12.0	15.6	12.9	13.5	93	90	90	91	6.3	0.5	3.1	—	—	—	—	—	—	—	—	—		
10	16.8	21.9	18.8	19.1	22.0	15.0	14.0	13.4	12.4	13.7	13.2	93	63	85	80	6.0	3.9	—	—	—	—	—	—	—	—	—	—		
11	17.4	21.8	17.7	18.6	22.0	16.5	15.5	14.2	14.2	14.4	14.3	96	73	94	88	6.0	1.9	—	—	—	—	—	—	—	—	—	—		
12	16.4	22.4	18.1	18.8	23.0	15.5	15.0	13.4	15.3	13.7	14.1	96	75	88	86	5.7	4.1	—	—	—	—	—	—	—	—	—	—		
13	17.2	21.6	18.6	19.0	22.4	16.5	16.0	13.4	16.5	13.4	14.4	91	86	84	87	7.0	0.9	5.5	—	—	—	—	—	—	—	—	—		
14	16.2	22.2	18.8	19.0	22.6	16.0	14.6	11.4	10.8	13.4	11.9	83	53	83	73	5.3	3.0	—	—	—	—	—	—	—	—	—	—		
15	17.2	20.2	18.4	18.6	22.0	16.0	14.5	13.7	14.3	13.9	14.0	93	80	88	87	6.7	1.6	—	—	—	—	—	—	—	—	—	—		
16	16.4	21.6	18.1	18.6	22.0	15.5	15.0	14.1	16.2	14.0	14.8	100	84	90	91	7.0	0.8	1.1	—	—	—	—	—	—	—	—	—		
17	16.0	19.1	16.8	17.2	19.5	16.0	15.5	13.7	15.1	12.3	13.7	100	91	86	92	9.0	—	6.0	—	—	—	—	—	—	—	—	—		
18	16.0	18.2	17.2	17.2	19.5	15.0	14.5	12.8	15.1	12.9	13.6	94	96	88	93	6.7	—	—	—	—	—	—	—	—	—	—	—		
19	16.4	22.4	17.8	18.6	23.0	15.5	15.0	13.7	12.8	13.7	13.4	98	63	90	84	4.7	2.9	—	—	—	—	—	—	—	—	—	—		
20	16.8	23.2	18.8	19.4	23.6	16.0	14.5	12.3	8.5	13.1	11.3	86	40	80	69	3.7	1.3	—	—	—	—	—	—	—	—	—	—		
21	18.2	24.6	19.6	20.5	26.0	17.0	15.0	13.0	12.8	11.8	12.5	83	55	68	69	3.7	7.2	—	—	—	—	—	—	—	—	—	—		
22	17.2	25.6	19.4	20.4	26.0	16.0	14.0	13.2	8.9	12.1	11.4	90	36	72	66	3.7	5.2	1.3	—	—	—	—	—	—	—	—	—		
23	17.2	21.0	18.6	18.8	22.4	16.0	15.5	14.4	15.7	13.4	14.5	98	85	83	89	7.7	3.2	5.7	—	—	—	—	—	—	—	—	—		
24	17.6	22.4	18.8	19.4	23.0	17.0	16.0	14.2	13.6	12.5	13.4	94	66	76	79	7.7	—	—	—	—	—	—	—	—	—	—	—		
25	17.0	23.8	18.6	19.5	25.0	16.4	15.0	14.0	12.2	12.9	13.0	96	55	80	77	6.3	5.1	0.4	—	—	—	—	—	—	—	—	—		
26	18.4	22.9	20.0	20.3	24.3	17.5	16.0	13.2	13.8	13.1	13.4	84	65	75	75	7.3	3.5	—	—	—	—	—	—	—	—	—	—		
27	17.6	21.9	18.8	19.3	22.6	17.0	16.0	14.8	13.6	13.1	13.8	90	70	80	83	5.7	1.4	2.3	—	—	—	—	—	—	—	—	—		
28	19.2	23.8	20.6	21.0	24.5	17.5	16.0	13.3	8.9	12.7	11.6	80	40	70	63	3.3	3.6	—	—	—	—	—	—	—	—	—	—		
29	18.6	22.4	19.8	19.8	23.5	17.0	15.0	14.1	13.8	13.1	13.7	88	65	80	78	3.3	1.8	—	—	—	—	—	—	—	—	—	—		
30	18.0	22.4	19.6	19.9	25.0	17.6	15.5	12.7	13.4	12.6	12.9	82	65	73	73	4.3	3.6	—	—	—	—	—	—	—	—	—	—		
31	17.8	21.4	18.3	19.0	21.9	17.0	16.0	14.6	16.3	13.8	14.9	95	91	90	92	5.3	2.1	0.4	—	—	—	—	—	—	—	—	—		
Med.	17.0	22.2	18.4	19.0	23.0	16.1	14.9	13.4	13.7	13.2	13.4	92	69	83	82	5.5	2.9	1.2	0.6	0.7	2.5	1.6	—	—	—	—	—		

Precipitación total : 77.5 m.m.

DATOS DIARIOS

Estación oigento Mes Abril Año 1968 $\phi = 2^{\circ} 21' N$ $\lambda = 75^{\circ} 31' W.G.R$ Altura 1.500 M.

Días	TEMPERATURAS $^{\circ}C$					TENSION DEL VAPOR mm					Humedad Relativa %			BRILLO SOLAR Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS									
	7	14	20	Med.	Máx.	Mín.	Mín. Suelo	7	14	20	Med.	7	14		20	Med.	7	14	20	Total	7	14	20	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA	
																														DIRECCION	FUERZA	DIRECCION	FUERZA
1	18.2	23.4	18.9	19.8	24.4	17.6	15.0	13.0	15.8	14.6	14.5	83	73	90	82	5.3	1.9	—	1.1	1.3	2.4	1.4	00	0	00	0	06	1		
2	18.2	24.0	19.6	20.4	25.4	17.5	16.0	12.6	10.0	13.7	12.1	81	45	80	69	5.0	1.2	—	—	0.3	3.3	1.6	00	0	06	1	06	1		
3	18.5	25.9	19.6	20.9	26.0	17.0	16.0	14.3	10.0	13.7	12.7	90	40	80	70	2.3	3.6	—	1.0	0.6	1.0	0.0	00	0	00	0	00	0		
4	18.6	25.9	20.2	21.2	27.0	16.5	15.4	14.4	7.5	9.8	10.6	90	30	55	58	2.3	9.2	—	—	—	3.2	0.0	00	0	08	1	06	2		
5	19.0	20.8	18.2	19.0	24.0	17.6	15.4	13.9	16.9	14.0	14.9	85	92	90	89	5.7	2.1	—	13.4	—	13.4	1.2	00	0	00	0	00	0		
6	19.6	20.4	19.4	19.7	22.0	17.5	16.0	14.5	15.7	15.6	15.2	90	88	93	90	5.0	2.2	—	1.0	—	—	2.2	1.0	00	0	00	0	00	0	
7	17.8	19.9	17.8	18.2	23.0	17.0	16.5	13.3	16.7	14.8	14.9	95	96	97	96	4.3	1.2	1.2	1.2	1.5	16.5	18.0	1.0	00	0	09	0	04	1	
8	17.0	22.4	19.4	19.6	23.6	15.5	14.5	13.1	10.3	11.8	11.7	90	90	70	70	3.0	1.8	—	—	—	—	0.6	2.0	00	0	00	0	04	2	
9	18.0	21.0	18.0	18.8	25.0	16.4	14.5	14.7	13.1	15.6	14.5	95	71	100	89	5.0	—	—	0.5	6.3	9.3	15.8	1.2	00	0	02	1	00	0	
10	17.0	19.6	18.0	18.2	21.0	16.6	15.0	14.6	15.7	12.7	14.3	100	92	82	91	4.7	—	—	0.2	0.7	—	—	0.8	0.6	00	0	00	0	00	0
11	17.0	23.0	18.9	19.4	24.0	16.5	16.0	13.4	13.2	12.3	13.0	92	63	75	77	4.7	3.6	—	—	—	—	1.0	0.8	16	1	14	1	00	0	
12	16.8	19.0	18.2	18.0	19.9	16.0	15.0	12.9	13.3	13.3	13.2	90	81	85	85	10.0	—	—	1.0	—	—	—	47.6	1.2	00	0	14	1	00	0
13	16.5	19.4	18.8	18.4	20.5	16.0	15.0	12.8	14.0	12.2	13.0	90	83	74	82	10.0	—	—	47.6	8.7	0.9	9.6	1.4	14	1	00	0	06	2	
14	17.0	21.9	17.8	18.6	23.0	16.5	15.0	11.1	12.4	13.7	12.4	76	63	80	76	4.7	5.8	—	—	—	7.3	7.3	1.2	00	0	14	2	00	0	
15	17.2	23.0	18.3	19.2	23.3	16.0	14.0	14.4	13.8	13.6	13.9	97	65	87	83	7.3	3.2	—	0.1	3.7	11.0	1.0	00	0	14	3	00	0		
16	16.4	20.6	17.8	18.2	22.0	16.3	15.5	12.6	13.6	13.8	13.3	90	75	91	85	6.7	2.6	1.2	—	—	—	—	0.8	16	1	16	3	16	1	
17	17.0	22.0	18.8	19.2	23.5	15.5	15.0	12.7	11.9	12.4	12.3	88	60	76	75	4.7	2.6	—	0.2	—	—	11.7	1.2	00	0	14	1	04	1	
18	16.4	19.6	17.0	17.5	21.0	16.0	15.0	13.7	13.7	12.7	13.4	98	80	88	89	7.0	0.5	11.5	2.3	—	2.8	0.6	02	1	14	1	00	0		
19	17.6	21.4	17.8	18.6	23.0	15.5	15.0	12.7	11.5	13.4	12.5	84	60	88	77	3.7	5.0	—	0.5	—	—	—	1.4	00	0	14	3	06	1	
20	17.2	22.4	19.0	19.4	23.0	16.3	15.0	13.9	13.3	13.6	13.6	94	70	82	82	4.2	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—
21	17.4	22.4	18.0	19.0	23.0	16.5	15.5	14.0	12.1	14.0	13.4	94	60	91	82	4.3	1.4	—	—	—	—	—	—	—	—	—	—	—	—	—
22	17.6	24.4	17.8	19.4	25.0	16.2	15.5	13.4	10.3	13.0	12.2	91	45	85	74	7.3	3.5	1.9	—	—	—	—	—	—	—	—	—	—	—	—
23	17.6	19.4	17.1	17.9	20.0	16.5	16.0	13.6	13.5	13.2	13.4	91	80	30	87	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	17.0	21.5	16.8	18.0	21.6	16.5	16.0	12.7	11.7	13.2	13.2	88	61	85	87	8.7	0.5	0.2	3.8	1.6	0.6	2.4	0.8	00	0	00	0	06	1	
25	17.6	23.6	18.8	19.7	25.0	15.5	14.5	10.6	4.2	9.4	8.1	70	20	58	49	3.7	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—
26	18.0	22.9	19.2	19.8	24.5	16.4	14.0	11.8	9.4	11.7	11.0	76	45	70	64	3.3	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—
27	18.0	21.4	18.6	19.2	23.0	17.0	16.0	13.1	11.5	13.5	12.7	85	60	85	77	4.3	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—
28	17.2	23.6	19.0	19.7	25.5	16.6	15.4	11.8	9.8	11.5	11.0	80	45	70	65	3.7	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—
29	18.0	23.2	20.8	20.7	26.0	16.5	16.0	10.8	6.4	12.1	9.8	70	30	66	55	5.0	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—
30	18.0	24.4	17.8	19.5	25.0	17.0	16.0	13.4	10.4	13.7	12.5	86	46	90	74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	17.6	22.1	18.5	19.2	23.4	16.5	15.3	13.1	12.0	13.0	12.7	86	62	82	77	5.4	2.7	2.8	1.5	1.7	6.2	1.4	—	—	—	—	—	—	—	—

Precipitación total : 106.6 mm.

DATOS DIARIOS

Estación o i e n t e s Mes M A Y O Año 19 6 8 $\phi = 2^{\circ} 21' N$ $\lambda = 79^{\circ} 31' W O R$ Altura 1.500 M.

Días	TEMPERATURA °C						TENSION DEL VAPOR mm						Humedad Relativa %				NUBESADO DECIMOS		Brillo Solar Horas		PRECIPITACION mm				EVAPORACION mm				VIENTOS																																									
	7	14	20	Med.	Máx.	Mín.	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Total	7	14	20	Total	7	14	20	Total	7	14	20	Total	DIREC CION	FUERZA Km./Hor	DIREC CION	FUERZA Km./Hor																																
																																							Mínima Suelo		Máx.		Mín.		Máx.		Mín.		Máx.		Mín.		Máx.		Mín.		Máx.		Mín.		Máx.		Mín.		Máx.		Mín.		Máx.	
																																							7	14	20	Med.	Máx.	Mín.	7	14	20	Med.	Máx.	Mín.	7	14	20	Med.	Máx.	Mín.	7	14	20	Total	7	14	20	Total	7	14	20	Total	DIREC CION	FUERZA Km./Hor
1	16.8	21.4	16.8	18.0	23.0	15.5	15.0	12.3	11.5	10.7	11.5	8.6	6.0	7.4	7.3	5.0	3.0	3.0	—	—	—	—	—	—	—	—	1.2	0.8	1.0	0	0	0	0	2.																																				
2	17.0	19.6	15.8	17.0	21.5	15.8	15.0	10.2	6.9	6.5	7.9	7.0	4.0	4.8	5.3	3.3	4.1	—	—	—	—	—	—	—	—	2.6	0.6	1.0	0	0	0	0	1.																																					
3	14.6	23.0	17.4	18.1	23.5	13.5	13.0	9.7	8.5	6.8	8.3	7.8	4.0	4.5	5.4	3.0	6.8	—	—	—	—	—	—	—	—	3.2	0.8	1.0	3	10	3	12	1.																																					
4	17.0	22.9	19.0	19.5	23.6	13.9	13.0	10.4	8.1	8.3	8.9	7.1	3.8	5.0	5.3	3.0	1.7	—	—	—	—	—	—	—	—	2.4	1.0	2.0	0	0	0	0	6.																																					
5	18.0	24.4	18.4	19.8	25.5	14.5	13.8	9.3	5.9	7.0	7.4	6.0	2.6	4.4	4.3	3.7	1.3	—	—	—	—	—	—	—	—	3.2	0.0	0.0	0	0	0	0	6.																																					
6	17.0	24.4	18.6	19.6	25.0	14.0	14.0	10.2	8.1	10.5	9.6	7.0	3.5	6.5	5.7	4.0	5.3	—	—	—	—	—	—	—	—	0.6	0.6	0.6	1	0	1	0	6.																																					
7	17.2	22.9	17.9	17.0	24.6	16.0	14.5	11.6	11.6	13.0	12.1	7.9	5.6	8.5	7.3	3.7	2.0	—	—	—	—	—	—	—	—	0.4	2.2	2.6	1	14	1	0	6.																																					
8	17.8	21.6	16.6	18.2	22.5	16.5	15.0	13.0	14.5	12.0	13.2	8.5	7.5	8.5	8.2	5.0	0.2	—	—	—	—	—	—	—	—	4.6	0.3	4.9	1	1.6	1	0	4.																																					
9	17.8	20.2	18.4	18.7	23.0	16.4	14.9	14.2	14.6	12.2	13.7	9.3	8.3	7.7	8.4	4.7	2.4	—	—	—	—	—	—	—	—	2.0	0.2	2.2	1	0	0	0	4.																																					
10	17.6	19.2	17.0	17.7	20.0	16.6	15.5	14.5	14.1	11.6	13.4	9.6	8.5	8.0	8.7	4.3	—	—	—	—	—	—	—	—	—	0.9	—	0.9	1	0	0	0	6.																																					
11	17.4	25.0	19.2	20.2	25.5	15.0	13.8	11.3	4.9	11.7	9.3	7.5	2.0	7.0	6.5	2.3	5.8	—	—	—	—	—	—	—	—	2.0	0.4	1.0	0	0	1	0	6.																																					
12	17.0	22.2	17.5	18.6	23.0	16.0	15.4	10.2	9.0	10.5	9.9	7.0	4.5	7.0	6.2	3.3	2.9	—	—	—	—	—	—	—	—	0.5	—	0.5	1	1.8	0.0	0	14	1	0	4.																																		
13	16.8	24.4	19.0	19.8	26.0	15.0	14.0	12.1	5.8	9.9	9.3	8.5	2.5	6.0	5.7	3.7	9.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																		
14	18.0	22.2	18.4	19.2	24.0	14.0	14.0	10.8	11.2	12.0	11.3	7.0	5.5	7.5	6.7	3.3	10.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																		
15	19.4	22.3	18.6	18.6	23.0	16.0	14.5	13.5	12.6	10.0	12.0	8.0	6.3	7.0	7.1	5.3	4.9	—	—	—	—	—	—	—	—	—	25.9	26.3	2.2	0.0	0	1.6	1	0.0	0																																			
16	16.0	21.4	19.6	19.2	23.6	15.0	14.5	13.7	14.2	12.0	13.3	10.0	7.4	7.0	8.1	4.3	4.9	0.4	—	—	—	—	—	—	—	—	0.9	1.0	0.6	1	1.4	1	0	6.																																				
17	16.0	16.8	15.4	15.9	17.0	15.5	15.0	13.7	12.9	11.1	12.6	10.0	9.0	8.5	9.2	7.7	—	—	—	—	—	—	—	—	—	—	0.9	4.7	—	—	—	—	—	—	—																																			
18	16.0	24.0	17.0	18.5	24.5	14.0	12.5	10.6	5.7	12.3	9.5	7.8	2.5	8.5	6.3	4.0	8.7	—	—	—	—	—	—	—	—	—	5.3	6.1	1.8	0.6	1	0.6	1	0.6	1.																																			
19	16.8	22.6	17.4	18.6	24.0	15.6	14.0	12.3	9.2	11.3	10.9	8.6	4.5	7.5	6.9	3.7	—	—	—	—	—	—	—	—	—	—	0.1	—	0.1	1	0.0	0	0.6	2																																				
20	19.0	25.0	17.6	19.8	29.5	16.0	15.1	11.5	6.0	10.6	9.4	7.0	2.5	7.0	5.5	4.3	7.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																			
21	18.4	23.4	17.6	19.8	26.0	15.0	13.5	11.1	6.8	12.1	10.0	7.0	2.8	8.0	5.9	4.3	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																			
22	17.0	22.6	17.4	18.6	23.0	15.5	13.5	13.2	14.5	12.6	13.4	9.1	7.0	8.5	8.2	4.3	1.5	—	—	—	—	—	—	—	—	—	1.9	2.0	2.0	0.6	1	1.2	1	0.6	1.																																			
23	16.0	19.8	17.4	17.6	21.8	16.5	14.5	12.3	12.9	12.9	12.9	9.0	7.5	8.7	8.4	6.0	0.4	—	—	—	—	—	—	—	—	—	0.5	—	0.5	1.8	0.0	0	0.0	0	0.																																			
24	16.1	23.4	18.4	19.1	25.0	15.5	13.5	11.0	8.7	10.6	10.1	8.0	4.0	6.6	6.2	3.7	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																			
25	17.4	18.8	17.4	17.8	21.6	15.0	13.9	10.6	13.7	10.6	11.6	7.0	8.5	7.0	7.5	4.0	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																			
26	17.8	21.2	19.4	19.4	22.5	16.0	14.5	11.3	10.6	7.8	9.9	7.4	5.6	4.6	5.9	4.3	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																			
27	19.0	21.4	18.6	19.4	24.0	16.5	14.0	11.1	9.4	11.2	10.6	6.8	5.0	7.0	6.3	5.0	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																			
28	17.6	21.6	18.6	19.1	23.0	15.4	13.6	11.3	11.6	11.6	11.5	7.5	6.0	7.2	6.9	4.7	1.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																			
29	18.2	22.0	17.6	18.8	23.1	16.0	14.5	13.6	11.2	13.1	12.6	8.6	5.6	8.7	7.6	4.7	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																			
30	17.6	19.4	17.2	17.8	20.4	15.5	14.0	12.0	12.1	13.0	12.4	7.9	7.2	8.9	8.0	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																			
31	18.2	22.4	17.6	19.0	23.0	16.5	15.5	11.7	8.1	11.2	10.3	7.4	4.0	7.4	6.3	4.3	1.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																			
Med.	17.3	22.0	17.8	18.7	23.3	15.5	14.2	11.8	10.1	10.9	10.9	7.9	5.3	7.1	6.8	4.3	4.0	—	—	—	—	—	—	—	—	—	0.3	1.3	1.3	2.7	1.8	—	—	—	—																																			

Precipitación total : 83.2 mm.

DATOS DIARIOS

Estación origante Mes Julio Año 1968 $\phi = 2^{\circ} 21' N$ $\lambda = 75^{\circ} 31' WGR$ Altura 1.500 M.

Días	TEMPERATURA						TENSION DEL VAPOR						Humedad Relativa %			NUBES Y BRILLO SOLAR			PRECIPITACION			EVAPORACION			VIENTOS								
	Med.		Máx.		Mín.		Med.		Máx.		Mín.		%			Horas			mm			mm			DIRECCION		FUERZA		DIRECCION		FUERZA		
	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	Med	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20		
1	17.0	19.9	17.4	17.9	21.0	16.2	15.4	11.6	13.0	12.6	12.8	80	75	85	80	5.3	0.6	2-4	1.5	0.1	2.1	0.6	0.6	1	0.6	1	0.6	1	0.6	1			
2	17.2	22.2	19.0	19.4	24.0	15.5	15.0	12.5	10.8	11.5	11.6	85	53	70	89	4.0	3.4	0.5	—	—	—	—	1.8	0.8	2	0.8	1	0.4	1	0.4	1		
3	17.2	21.8	18.8	19.0	23.5	16.5	14.5	12.7	11.5	12.6	12.3	86	66	77	74	4.3	3.2	—	1.8	0.4	2.2	1.4	0.6	1	0.8	1	0.6	1	0.6	2			
4	16.6	22.8	19.8	20.2	25.5	16.0	15.0	12.3	9.6	8.7	10.2	76	46	50	57	3.3	8.9	—	—	—	—	2.8	0.4	1	0.6	2	0.6	3	2	0.6	3		
5	16.8	24.2	20.3	21.1	26.6	16.0	14.0	12.3	8.0	6.9	9.7	77	30	50	52	3.0	5.6	—	—	—	—	2.2	0.4	1	1.6	2	0.6	2	0.6	2			
6	16.0	22.8	19.4	19.8	24.8	16.5	14.5	10.8	12.0	10.2	11.0	70	60	60	63	3.7	4.7	—	0.6	—	—	—	2.2	0.0	0	0.8	1	0.6	1	0.6	1		
7	19.0	24.9	21.0	21.5	29.6	16.5	15.5	10.8	6.6	7.5	8.3	65	28	40	44	3.7	6.1	0.1	—	—	—	—	2.0	2.6	1.6	1	1.2	2	0.2	1	0.2	1	
8	17.4	22.0	18.0	18.9	23.0	16.6	15.0	12.2	4.3	3.0	8.9	82	22	66	57	3.3	6.0	2.0	—	—	—	—	0.1	5.3	2.0	0.6	1	0.6	1	0.6	1	0.6	1
9	16.0	22.0	18.0	18.5	23.0	15.5	15.0	12.8	8.0	11.8	10.9	84	40	76	70	5.0	3.1	5.2	0.1	0.3	5.6	1.2	0.6	1	0.6	2	0.0	0	0.0	0	0.0	0	
10	17.0	17.4	16.8	17.0	20.5	15.8	15.0	12.2	13.3	11.5	12.3	94	90	80	85	8.0	0.7	5.2	3.4	0.6	4.0	0.8	0.8	1	1.2	1	0.6	1	0.6	1	0.6	1	
11	17.0	20.2	15.6	17.1	21.0	14.6	13.6	11.5	9.7	9.9	10.4	79	54	75	69	4.0	1.2	—	0.1	0.5	0.6	1.8	0.6	1	1.1	1	0.6	2	0.6	2	0.6	2	
12	16.8	22.0	17.4	18.4	23.0	14.5	12.5	11.1	6.7	8.9	8.9	77	34	70	60	3.7	4.2	—	—	—	—	—	2.0	0.6	1	0.6	1	0.8	2	0.6	2	0.6	2
13	16.0	21.6	17.6	18.2	22.0	15.5	13.5	11.6	8.9	10.0	10.2	85	46	66	66	3.7	1.1	—	—	—	—	—	1.4	0.0	0	1.4	1	0.6	1	0.6	1	0.6	1
14	17.4	22.8	18.4	19.2	23.5	16.0	14.5	12.2	9.4	12.1	11.2	82	45	76	68	4.3	4.4	—	—	—	—	—	1.4	0.0	0	1.4	1	0.6	1	0.6	1	0.6	1
15	16.4	22.4	17.4	18.4	23.0	16.0	15.5	11.8	10.3	13.3	11.8	85	50	90	75	5.3	2.7	—	—	—	—	—	1.4	0.0	0	1.4	1	0.6	1	0.6	1	0.6	1
16	16.0	22.6	18.8	19.6	23.6	16.0	15.5	13.1	8.3	10.6	10.7	85	40	65	63	4.3	3.9	—	—	—	—	—	2.2	2.2	1.4	0.6	1	0.8	1	0.6	1	0.6	1
17	16.8	20.8	19.8	18.3	21.0	15.5	14.0	12.9	12.6	12.3	12.6	90	68	80	79	6.3	0.3	1.9	4.2	1.0	6.5	1.9	4.2	1.0	0.6	1	1.2	1	0.6	2	0.6	2	
18	17.8	22.0	17.8	16.8	23.0	16.0	15.4	13.2	11.2	12.3	12.2	87	56	80	74	6.0	3.1	1.3	—	—	—	—	1.9	1.9	1.8	0.6	1	1.2	1	0.6	2	0.6	2
19	16.6	21.6	18.2	18.6	23.0	15.0	14.0	12.2	9.6	13.7	11.8	86	50	88	75	6.3	1.9	22.8	0.2	0.2	14.7	1.0	0.0	0	1.4	1	0.0	0	0.0	0	0.0	0	
20	17.2	19.4	17.2	17.8	20.5	15.5	15.0	13.4	12.6	12.0	12.7	91	76	81	83	6.0	0.9	14.2	2.5	0.3	6.4	0.8	0.0	0	1.4	1	0.0	0	0.0	0	0.0	0	
21	16.0	18.2	17.4	17.2	20.3	15.4	14.6	12.5	12.6	12.8	12.6	92	81	86	86	6.3	1.0	3.6	2.8	—	—	—	2.8	0.8	0.6	1	0.0	0	0.0	0	0.0	0	
22	17.0	23.0	18.4	19.2	23.6	15.5	14.0	10.9	6.3	12.1	9.8	75	30	76	60	4.3	3.5	—	—	—	—	—	—	2.0	0.0	0	0.0	0	0.0	0	0.0	0	
23	16.4	22.9	18.0	18.8	24.0	14.5	12.5	11.7	8.3	11.5	10.5	84	40	74	66	3.3	4.3	—	—	—	—	—	—	1.8	0.0	0	1.0	1	0.0	0	0.0	0	
24	17.0	20.4	18.2	18.5	23.0	15.0	13.5	11.6	11.0	12.2	11.6	80	61	78	73	3.2	—	—	0.1	0.1	0.2	1.4	0.0	0	0.8	1	0.4	1	0.4	1	0.4	1	
25	16.8	22.3	18.2	18.9	23.0	15.5	14.0	12.4	10.0	11.7	11.4	87	50	74	70	4.3	3.9	—	0.6	—	0.6	—	—	1.2	0.0	0	0.0	0	0.0	0	0.0	0	
26	17.2	19.9	17.6	18.1	20.5	16.0	15.0	12.3	13.0	13.4	12.9	84	75	90	83	5.3	2.0	—	0.3	—	10.3	1.0	0.0	0	0.0	0	0.0	0	0.0	0	0.6	1	
27	16.0	18.4	15.6	16.4	19.0	15.0	14.4	12.4	13.7	11.9	12.7	91	86	90	89	7.0	—	10.0	1.7	2.3	4.2	0.5	0.6	1	1.6	1	0.0	0	0.0	0	0.0	0	
28	14.8	17.4	15.1	15.6	18.0	14.0	12.5	11.8	12.5	11.6	12.0	94	84	90	89	7.3	—	0.2	3.6	1.7	5.8	0.6	0.0	0	1.6	1	0.0	0	0.0	0	0.0	0	
29	15.6	20.0	16.4	17.1	22.0	14.5	14.0	11.9	9.9	11.4	11.1	90	56	82	76	6.0	1.0	0.5	—	—	—	—	0.2	1.6	0.8	1	1.2	1	0.4	1	0.4	1	
30	17.6	19.4	16.8	17.6	21.0	15.2	13.5	8.2	7.6	9.3	8.4	55	45	64	55	3.3	1.9	0.2	—	—	—	—	—	2.0	0.0	0	1.0	1	0.6	2	0.6	2	
31	16.8	22.0	17.4	18.4	23.0	15.0	13.0	10.8	6.0	11.4	9.4	75	30	76	60	3.0	1.1	—	—	—	—	—	—	2.0	0.0	0	1.0	1	0.6	2	0.6	2	
Med	17.0	21.2	17.9	18.5	22.5	15.5	14.3	11.9	9.9	11.3	11.0	82	54	74	70	4.8	2.8	2.3	0.8	0.3	3.3	1.5	—	—	—	—	—	—	—	—	—	—	

Precipitación total : 101.3 mm.

DATOS DIARIOS

Estación Oigantó

Mes Noviembre Año 1968

$\phi = 2^{\circ} 21' N$ $\lambda = 75^{\circ} 31' W$ GR

Altura 1,500 m.

Días	TEMPERATURAS - ^o C					TENSION DEL VAPOR m m					Humedad Relativa %			NUBES DEBIDAS Horas		PRECIPITACION m m			EVAPORACION			VIENTOS											
	7	14	20	Med.	Máx. Min.	7	14	20	Med.	Méd.	7	14	20	Med.	7	14	20	Total	7	14	20	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA				
1	15.0	24.6	18.0	18.9	25.0	14.5	12.0	8.8	4.8	8.6	7.4	70	20	56	49	2.0	9.5	—	—	—	—	2.8	06	1	02	2	00	0	0				
2	16.8	24.0	18.4	19.4	25.0	15.6	14.5	10.0	6.2	8.8	8.3	70	28	56	51	2.3	4.1	—	—	—	—	2.2	02	1	00	0	04	1	1				
3	20.0	25.0	19.0	20.8	25.2	17.0	15.4	11.9	7.2	9.9	9.7	68	30	60	53	2.7	4.5	—	—	—	—	1.2	08	1	00	0	04	2	2				
4	18.0	21.9	17.8	18.9	23.0	17.5	16.6	11.6	11.8	13.4	12.3	75	60	88	74	6.0	1.2	—	—	—	—	0.7	0.5	1.3	0.2	00	0	08	2	04	1		
5	19.6	22.9	18.8	20.0	23.0	17.0	16.0	12.0	9.4	11.2	10.9	70	45	70	62	4.0	2.8	0.1	0.4	—	—	—	—	—	—	—	—	—	—	—	—		
6	20.4	22.4	20.4	20.9	25.6	17.6	15.9	10.9	9.2	12.6	10.9	60	45	70	58	3.7	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
7	18.4	20.2	18.2	18.8	23.6	17.6	15.9	11.1	14.7	12.6	12.8	70	80	77	3.7	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	18.0	20.0	18.8	19.6	24.0	16.9	14.9	11.6	9.0	11.3	10.6	75	44	70	63	4.7	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	18.6	21.8	20.0	20.8	26.3	17.8	16.5	11.2	9.4	11.4	10.7	70	40	65	58	4.3	3.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	18.0	22.6	19.4	19.6	24.9	17.6	16.6	13.0	14.5	12.8	13.4	84	70	76	77	4.3	3.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	17.0	22.6	19.4	19.6	23.3	16.4	15.4	13.1	15.6	11.8	13.5	90	76	70	79	7.0	5.5	10.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	16.8	22.0	18.0	18.7	23.5	16.3	15.4	12.9	11.9	12.7	12.5	90	60	82	77	7.3	1.1	5.3	1.3	0.4	1.7	—	—	—	—	—	—	—	—	—	—	—	
13	17.6	21.0	17.4	18.8	24.0	15.0	13.9	11.6	13.2	13.0	12.6	76	64	88	76	3.7	7.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	17.0	19.2	16.0	17.0	19.5	16.0	14.9	13.1	14.2	12.3	13.2	90	86	90	89	7.3	0.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	16.4	19.1	16.0	16.9	20.0	15.6	15.0	13.1	13.3	12.3	12.9	93	80	90	88	7.0	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	15.6	22.4	17.8	18.4	22.5	15.0	14.4	11.9	11.4	13.2	12.2	90	56	80	75	4.3	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	16.0	21.4	18.0	18.4	22.7	15.0	14.1	12.5	9.7	12.4	11.5	92	51	80	74	8.3	3.1	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	16.0	21.4	18.0	18.4	21.7	14.6	13.5	12.3	14.6	12.5	13.1	90	76	81	82	6.7	1.3	15.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	18.0	21.6	19.0	19.4	22.5	16.0	14.9	13.4	14.8	13.2	13.8	86	76	80	81	5.0	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	17.8	22.8	18.6	19.5	23.0	16.0	15.4	13.7	13.0	12.9	13.2	90	63	80	78	4.7	5.0	17.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	18.4	20.2	17.4	18.4	23.2	16.0	15.5	13.5	15.1	13.3	14.0	85	85	90	87	5.7	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	17.0	21.8	18.8	19.1	22.2	16.0	15.0	11.6	15.6	11.6	12.3	80	80	70	77	4.7	0.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	18.0	22.8	19.3	19.8	23.5	16.0	15.5	12.4	13.0	12.6	12.7	80	63	76	73	3.7	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	17.6	21.4	18.6	19.0	22.0	15.6	14.5	13.5	15.3	13.8	14.2	90	80	86	85	3.0	1.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	16.8	18.0	17.0	17.2	20.7	16.0	15.4	13.5	13.8	13.8	13.7	94	90	95	93	7.7	1.9	18.9	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	16.0	21.8	16.8	17.8	22.5	15.0	13.5	13.1	12.9	12.5	12.8	96	66	88	83	5.0	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	17.0	21.4	18.6	18.9	22.0	16.2	15.0	13.5	15.3	13.0	13.9	93	80	81	85	4.3	1.1	2.2	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	17.2	20.8	18.2	18.6	21.5	16.0	15.5	13.9	14.9	14.0	14.3	94	81	90	88	7.0	0.8	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	17.0	22.4	18.0	18.8	23.0	15.0	13.0	12.0	14.5	13.1	13.2	82	71	85	79	2.7	7.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	17.6	21.9	16.8	18.3	22.5	16.5	16.0	13.5	14.2	11.5	13.1	90	73	80	81	5.0	5.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31																																	
Med.	17.4	22.0	18.2	19.0	23.1	16.1	15.0	12.3	12.4	12.3	12.3	83	64	78	75	4.9	3.6	5.4	1.3	7.4	1.4	—	—	—	—	—	—	—	—	—	—	—	

Precipitación total: 130.9 mm.

RESUMEN MENSUAL Y ANUAL

ESTACION: O I G E S T I

AÑO: 1968

M E S	PRESION ATMOSFERICA SOBRE 800 MM. HG.			TEMPERATURAS EXTREMAS OC			HUMEDAD RELATIVA %			TENSION DEL VAPOR DEL VAPOR MM. HG.			PRECIPITACION																
	MAYOR	MEDIA	MINIMA	MAYOR ABSOLUTA	MINIMA ABSOLUTA	DIA	MAYOR MEDIA	MINIMA MEDIA	DIA	MAYOR ABSOLUTA	MINIMA ABSOLUTA	MAYOR ABSOLUTA	MINIMA ABSOLUTA	SUMA	DIAS LLUVIOSOS	MAYOR													
																	7	14	20	7	14	20							
ENERO	17.3	23.6	19.5	20.0	24.5	16.4	27.9	28	14.4	26	15.2	86	54	74	71	18	16.9	4.5	12.2	5.1	4.6	2.3	73.0	14.3	2.9	90.2	13	38.6	24
FEBRERO	17.6	22.7	19.3	19.7	23.7	16.8	29.0	19	15.5	15.9	15.9	90	67	80	79	20	17.1	4.9	13.4	5.1	3.4	1.8	27.6	10.2	2.1	39.9	14	14.4	1
MARZO	17.0	22.2	18.4	19.0	23.0	16.1	26.0	14.0	14.0	14.9	14.9	92	69	83	82	36	17.3	8.5	13.4	5.5	2.9	1.6	37.8	18.7	21.0	77.5	20	17.3	22
ABRIL	17.6	22.1	18.5	19.2	23.4	16.5	27.0	4	15.5	15.3	15.3	88	62	82	77	20	16.9	4.2	12.7	5.4	2.7	1.4	82.5	46.0	90.8	106.6	25	47.6	12
MAYO	17.3	22.0	17.8	18.7	23.3	15.5	26.0	13.5	13	14.2	14.2	79	53	71	68	25	14.6	4.9	10.9	4.3	4.0	1.8	9.5	41.5	39.3	83.2	20	26.3	15
JUNIO	17.4	22.2	18.3	19.1	23.5	15.9	26.5	3	14.5	14.7	14.7	78	48	71	66	16	14.7	4.4	10.7	4.8	3.5	1.7	43.3	26.8	18.4	90.7	19	14.7	15
JULIO	17.0	21.2	17.9	18.5	22.5	15.5	26.6	5	14.0	14.3	14.3	82	54	74	70	22	13.7	4.3	11.0	4.8	2.8	1.5	70.2	23.5	10.0	101.3	21	23.0	18
AGOSTO	17.6	23.4	18.7	19.6	24.6	16.0	27.0	14.5	8	14.6	14.6	74	40	66	60	17	13.8	4.3	10.0	3.6	4.6	2.1	20.2	12.5	29.2	61.9	21	16.4	5
SEPTIEMBRE	17.3	22.1	18.3	19.1	24.2	15.9	26.5	11	14.1	14.7	14.7	81	48	74	67	24	15.3	5.4	11.0	4.2	4.0	1.8	86.6	36.5	18.9	138.0	24	28.5	27
OCTUBRE	17.5	22.1	18.3	19.0	23.6	16.3	26.5	25	14.6	16	15.2	81	58	78	72	28	15.8	6.2	11.9	5.2	3.1	1.5	40.0	31.2	45.7	118.9	24	21.9	19
NOVIEMBRE	17.4	22.0	18.2	19.0	23.1	16.1	26.3	9	14.5	1	15.0	83	64	78	75	20	15.6	4.8	12.3	4.9	3.6	1.4	73.3	18.1	39.5	130.9	18	35.9	30
DICIEMBRE	17.8	23.8	19.6	20.2	24.8	16.1	27.3	14.5	14.5	14.8	14.8	82	51	72	68	20	16.7	5.2	11.9	4.9	4.9	1.8	21.3	23.0	34.0	78.3	15	34.7	22
MECHA ANUAL	17.4	22.5	18.6	19.3	23.7	16.1	26.9	14.5	14.5	14.9	14.9	83	56	75	71	22	15.7	5.1	11.8	4.8	3.7	1.7	48.3	25.5	26.0	99.8	234	26.6	—

PRECIPITACION TOTAL: 1.197.4

PRECIPITACION MAXIMA: 47.6 - IV - 12

DIAS LLUVIOSOS: 234

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

AÑO: 1.968

ESTACION: Gigante

MESES	PRECIPITACION												TEMPERATURA								
	7 HORAS			14 HORAS			20 HORAS			TOTAL			Mínima		Máxima						
	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:	Más de:					
	01	10	100	200	500	01	10	100	200	500	01	10	25	50	100	200	500	15	20	22	26
ENERO	6	4	3	2	-	6	1	1	-	-	4	1	-	-	-	-	-	4	10	4	8
FEBRERO	7	4	1	-	-	6	3	-	-	-	5	1	-	-	-	-	-	-	10	5	3
MARZO	13	9	-	-	-	13	7	-	-	-	8	4	1	-	-	-	-	4	8	10	2
ABRIL	13	7	2	1	-	19	12	1	-	-	15	10	1	-	-	-	-	-	8	8	3
MAYO	5	1	-	-	-	13	7	1	-	-	10	5	1	1	-	-	-	10	-	6	2
JUNIO	12	6	2	-	-	8	6	-	-	-	12	6	-	-	-	-	-	4	1	8	1
JULIO	15	10	3	1	-	15	8	-	-	-	14	4	-	-	-	-	-	9	-	11	1
AGOSTO	7	3	1	-	-	10	5	-	-	-	12	5	1	-	-	-	-	3	2	3	8
SEPTBRE.	10	7	3	2	-	15	9	1	-	-	17	6	-	-	-	-	-	5	2	2	5
OCTUBRE	12	8	1	-	-	15	8	-	-	-	13	9	1	-	-	-	-	1	9	7	3
NOVIEMBRE	9	7	4	-	-	11	7	-	-	-	5	2	1	1	-	-	-	7	7	7	2
DICIEMBRE	6	3	1	-	-	6	2	1	-	-	10	4	1	-	-	-	-	5	7	2	9
SUMA ANUAL	115	69	21	6	-	137	75	5	-	-	125	67	7	2	-	-	-	52	64	73	47

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	PRECIPITACION MAS DE 0.1 MM.																								TOTAL
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	8-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	18-20	20-21	21-22	22-23	23-24	
ENERO	2	2	3	2	2	2	1	3	3	2	3	1	2	1	3	2	-	-	-	-	1	-	3	3	12
FEBRERO	2	2	2	2	5	2	1	3	1	3	2	2	2	2	2	1	3	1	1	1	1	1	1	2	16
MARZO	3	4	5	5	7	7	7	3	3	1	2	2	3	5	2	2	4	1	3	2	1	3	2	20	
ABRIL	7	5	4	6	7	6	3	6	2	5	2	7	11	8	7	6	9	6	2	3	4	3	5	27	
MAYO	1	1	1	2	1	2	1	3	3	3	6	9	6	5	4	5	2	2	2	1	1	-	1	21	
JUNIO	5	4	3	5	4	3	3	2	4	3	1	4	4	6	5	4	6	3	3	4	5	6	3	20	
JULIO	7	5	6	7	8	6	4	3	4	4	8	9	10	8	6	5	4	5	4	4	3	3	3	21	
AGOSTO	2	2	2	1	2	3	4	3	2	2	1	3	4	3	4	6	2	4	1	1	1	1	-	22	
SEPTBRE.	3	2	2	3	5	3	5	3	4	3	4	8	8	3	5	3	6	7	5	1	2	3	3	23	
OCTUBRE	2	2	4	4	3	2	3	3	4	3	4	3	5	6	5	4	6	5	5	4	1	2	4	25	
NOVIEMBRE	2	2	3	5	4	5	4	3	2	3	2	3	2	1	2	4	4	2	-	1	1	2	3	19	
DICIEMBRE	1	2	3	1	2	2	-	-	1	1	1	1	2	4	4	5	3	2	2	1	1	1	2	14	
SUMA ANUAL	37	33	38	43	50	43	36	37	33	36	33	52	57	51	90	48	49	41	26	25	20	27	36	240	

ESTACION: G. I. G. E. N. T. O

AÑO: 1.968

MESES	NUBOSIDAD en DECIMOS		BRILLO SOLAR HORAS		Número de días con: VIENTOS																												
	Ménos de		Més de		7 HORAS				14 HORAS				20 HORAS																				
	de 3.0	de 6.0	de 0.9	de 9.0	N	N	E	S	N	N	E	S	N	N	E	S																	
ENERO	5	2	4	3	2	2	3	14	-	-	1	-	9	2	8	1	3	4	13	2	-	2	-	6									
FEBRERO	2	1	9	-	-	1	1	3	-	-	1	16	8	2	-	-	-	3	9	3	1	-	-	1	12								
MARZO	2	1	6	-	-	2	2	3	-	-	2	21	3	3	-	-	-	3	1	17	-	-	-	15									
ABRIL	3	4	7	1	-	-	1	2	-	-	1	22	2	2	-	-	-	8	14	1	3	3	8	-	1	14							
MAYO	3	-	5	2	-	-	2	11	4	1	-	10	4	1	1	8	2	2	2	3	8	-	-	7	17	1	-	1	-	5			
JUNIO	2	1	7	-	-	-	3	11	3	-	-	7	13	2	-	1	6	6	2	5	3	6	-	-	1	4	16	2	-	-	8		
AGOSTO	11	-	2	3	-	-	1	3	8	1	-	-	18	1	1	2	3	4	1	2	6	11	-	-	1	12	11	1	-	-	-	6	
SEPTIEMBRE	5	1	2	-	-	-	1	7	-	-	-	1	20	-	5	1	4	2	-	2	6	10	-	-	2	7	11	1	-	-	-	10	
OCTUBRE	4	4	4	-	-	-	4	3	4	-	1	1	18	3	2	4	2	-	-	1	16	2	-	-	4	18	2	-	-	-	-	5	
NOVIEMBRE	5	1	3	1	-	-	7	2	1	3	1	-	15	8	6	-	1	2	1	1	2	9	2	-	1	7	6	-	-	-	-	2	12
DICIEMBRE	2	2	1	2	-	-	2	4	-	6	-	-	1	18	4	5	-	2	-	1	4	15	1	-	7	13	-	-	-	-	-	4	6
SUMA ANUAL	44	17	60	13	30	20	22	79	11	2	1	7	194	41	35	8	44	22	9	26	41	140	8	15	80	138	9	1	4	9	102		

Frecuencia Horaria del Brillo Solar

MESES	Frecuencia a Pleno Sol												Frecuencia sin Sol												
	6-7	7-8	8-9	8-10	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	8	10	9	8	5	4	6	7	4	-	31	12	11	7	8	8	8	6	8	6	6	12	21
FEBRERO	-	1	3	4	4	3	6	3	2	2	1	-	28	18	14	14	11	13	12	9	11	11	14	14	25
MARZO	-	1	1	2	-	1	2	5	3	5	6	-	29	21	17	13	15	15	12	10	15	12	12	20	20
ABRIL	-	3	5	3	1	1	1	2	3	3	-	-	23	14	19	19	18	15	16	11	12	10	16	20	20
MAYO	-	5	5	4	4	3	6	6	2	6	9	-	20	15	13	13	12	16	11	10	8	13	10	12	12
JUNIO	-	3	5	4	2	1	3	3	4	3	4	3	22	18	14	14	14	10	11	9	11	11	9	12	
JULIO	-	-	-	-	-	2	3	4	1	2	4	3	25	18	16	16	14	17	12	11	10	8	11	15	
AGOSTO	-	6	9	8	3	2	1	1	1	5	4	6	-	17	11	11	11	11	8	8	5	6	4	9	13
SEPTIEMBRE	-	3	6	5	1	-	-	1	4	5	6	-	23	16	14	11	14	14	9	8	4	3	7	19	19
OCTUBRE	-	3	4	4	2	1	2	4	3	2	4	-	26	17	13	13	15	14	10	11	11	10	13	22	22
NOVIEMBRE	-	1	4	4	4	7	6	6	7	4	4	2	-	25	17	17	13	13	10	7	5	9	11	13	20
DICIEMBRE	-	4	6	9	8	6	5	4	5	7	6	-	26	8	10	7	8	10	4	5	6	9	9	13	13
SUMA ANUAL	-	35	98	56	41	34	40	43	41	50	55	6	295	185	171	151	143	150	120	100	111	108	135	212	

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: G i g a n t eAño 1.966

MESES	TOTAL			No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA					
	m. m.	Días	Días	Día	Noche	Total	Noche	Total	Día	Noche	Total	m. m.	Durac.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h. mín.	m. m.	Int. Med.	Int. Max. 5 mín.	Int. Max. 1 mín. (calc.)
Enero	90.2	13	16	8	24	73.0	14:30'	25:35'	11:05'	14:30'	38.6	4:15'	0.15	6.0	1.2	4:15'	38.6	0.15	6.0	1.2	1.2
Febrero	39.9	14	14	12	26	27.4	8:20'	19:20'	11:00'	8:20'	7.9	0:50'	0.16	5.9	1.2	2:00'	1.2	0.01	0.2	—	—
Marzo	77.5	20	23	31	54	40.6	28:35'	48:20'	19:45'	28:35'	10.7	1:00'	0.18	4.0	0.8	5:25'	7.8	0.02	0.5	0.1	0.1
Abril	186.6	25	50	24	74	89.6	41:45'	78:40'	36:55'	41:45'	46.6	6:50'	0.11	5.0	1.0	6:50'	46.6	0.11	5.0	1.0	1.0
Mayo	83.2	20	33	3	36	82.5	0:55'	30:35'	29:40'	0:55'	25.9	1:35'	0.27	6.5	1.3	4:05'	5.1	0.02	0.3	0.1	0.1
Junio	90.7	19	21	20	41	55.9	44:40'	69:15'	24:35'	44:40'	21.3	10:40'	0.03	0.9	0.2	10:40'	21.3	0.03	0.9	0.2	0.2
Julio	101.3	21	44	25	69	68.3	38:25'	76:25'	38:00'	38:25'	22.8	4:35'	0.08	1.5	0.3	8:30'	9.8	0.02	0.6	0.1	0.1
Agosto	61.9	21	25	11	36	41.4	11:40'	27:30'	15:50'	11:40'	14.9	1:00'	0.25	6.9	1.4	4:35'	13.6	0.05	1.0	0.2	0.2
Septiembre	138.0	24	39	13	52	80.5	21:50'	54:45'	32:55'	21:50'	28.2	2:30'	0.19	4.5	0.9	6:45'	22.0	0.05	2.0	0.4	0.4
Octubre	118.9	24	36	13	49	38.6	21:05'	53:30'	32:25'	21:05'	19.4	3:25'	0.09	4.1	0.8	4:40'	3.5	0.01	0.2	—	—
Noviembre	130.9	18	18	17	35	76.7	24:50'	38:05'	13:15'	24:50'	35.9	1:55'	0.31	6.5	1.3	4:25'	17.0	0.06	2.5	0.5	0.5
Diciembre	78.3	15	19	11	30	21.3	8:10'	21:55'	13:45'	8:10'	17.2	1:05'	0.26	5.8	1.2	2:40'	16.1	0.10	6.5	1.3	1.3
TOTALES	1197.4	234	338	188	526	593.1	279:10'	543:55'	264:45'	279:10'	289.4	39:40'	XX	XX	XX	64:50'	202.6	XX	XX	XX	XX

DATOS DIARIOS

Estación El Tambo

Mes Enero

Año 1968

$\phi = 2^{\circ} 23' N$ $\lambda = 76^{\circ} 43' WGR$

Altura 1.750 M.

Días	TEMPERATURAS $^{\circ}C$						TENSIÓN DEL VAPOR mm						Humedad Relativa %			NUBES DESMOS	Brillo Solar Horas	PRECIPITACION mm			EVAPORACION mm			VIENTOS						
	7	14	20	Med.	Máx.	Mín.	7	14	20	Med.	7	14	20	Med.	7			14	20	Total	7	14	20	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora	7	14	20	DIREC. FUERZA Km./Hora	DIREC. FUERZA Km./Hora
1	16.0	23.0	16.6	18.0	23.8	14.2	13.5	13.2	11.8	13.5	12.8	97	56	95	83	8.3	7.9	—	—	—	—	—	0.8	0.0	0.8	1.00	0.0			
2	15.0	23.4	16.4	17.8	24.0	12.9	11.5	12.4	6.7	12.6	11.2	97	40	90	76	6.7	9.1	—	—	—	—	—	2.4	0.0	0.8	3.00	0.0			
3	11.8	24.0	12.4	16.6	24.0	9.5	8.5	9.2	6.7	9.1	8.6	95	30	70	65	3.0	9.5	—	—	—	—	—	—	—	—	—	—	—	—	
4	11.6	21.4	16.9	17.7	22.4	8.0	7.0	10.0	10.5	12.1	10.9	98	55	85	79	6.3	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—
5	14.8	20.6	17.3	16.5	21.4	12.8	11.4	12.2	14.5	13.7	13.5	97	80	91	89	8.0	2.3	—	—	—	—	—	—	—	—	—	—	—	—	—
6	14.8	20.8	16.8	17.3	21.6	14.4	12.7	12.2	13.8	13.9	13.3	97	75	97	90	8.7	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—
7	15.0	22.8	17.0	18.0	23.0	14.6	13.5	12.4	11.6	14.0	12.7	97	55	96	83	5.0	3.1	—	—	—	—	—	—	—	—	—	—	—	—	—
8	16.0	21.2	15.2	16.9	22.0	14.8	13.5	13.2	13.2	12.4	12.9	97	70	96	88	9.3	3.8	—	—	—	—	—	—	—	—	—	—	—	—	—
9	15.7	22.2	16.0	17.5	23.0	14.6	13.5	13.1	12.0	12.5	12.5	97	60	92	83	6.3	6.3	—	—	—	—	—	—	—	—	—	—	—	—	—
10	14.2	21.9	18.8	18.4	23.0	13.6	13.0	12.2	12.0	12.3	12.2	100	61	75	79	9.7	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—
11	14.9	25.8	16.8	18.6	26.3	13.8	13.0	12.2	10.0	13.8	12.0	97	40	96	78	7.0	8.8	—	—	—	—	—	—	—	—	—	—	—	—	—
12	14.9	24.8	17.8	18.8	25.4	13.4	12.1	12.2	12.3	14.4	13.0	97	52	94	81	8.7	9.4	—	—	—	—	—	—	—	—	—	—	—	—	—
13	15.2	24.2	13.8	16.8	24.6	14.4	13.4	12.6	12.7	11.5	12.3	97	56	97	83	8.0	7.9	—	—	—	—	—	—	—	—	—	—	—	—	—
14	13.8	22.8	17.0	17.6	24.0	12.8	11.5	11.9	10.5	14.0	12.1	100	50	96	82	7.3	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—
15	15.0	23.8	17.8	18.6	25.0	14.6	13.4	12.3	13.3	14.6	13.4	96	60	95	84	8.0	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—
16	15.6	24.0	17.0	18.4	24.5	13.0	11.0	13.3	11.2	14.0	12.8	100	50	96	82	8.0	7.5	—	—	—	—	—	—	—	—	—	—	—	—	—
17	15.2	22.6	17.3	18.1	23.3	14.6	14.0	13.0	10.4	14.0	12.5	100	50	95	82	7.3	3.4	—	—	—	—	—	—	—	—	—	—	—	—	—
18	16.0	21.9	16.8	17.9	22.0	14.4	13.5	13.7	13.9	13.8	13.8	100	71	96	89	7.3	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—
19	16.4	25.0	18.0	19.4	25.4	14.6	13.0	13.4	10.6	13.1	12.4	96	45	85	75	9.0	7.9	—	—	—	—	—	—	—	—	—	—	—	—	—
20	17.0	25.3	18.6	19.9	25.6	14.7	14.0	14.6	10.1	14.4	13.0	100	42	90	77	6.3	8.4	—	—	—	—	—	—	—	—	—	—	—	—	—
21	16.4	22.3	17.6	18.5	23.3	14.9	14.0	13.7	12.8	14.2	13.6	98	60	94	84	9.7	3.5	—	—	—	—	—	—	—	—	—	—	—	—	—
22	16.0	22.4	17.0	18.1	24.0	14.9	14.0	13.1	10.3	13.5	12.0	96	50	98	77	9.7	8.3	—	—	—	—	—	—	—	—	—	—	—	—	—
23	16.4	21.0	16.4	17.6	22.0	15.4	14.5	13.7	14.0	13.5	13.7	98	74	98	90	10.0	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—
24	16.0	22.6	17.3	18.3	23.6	14.1	13.2	13.0	13.0	14.1	13.4	95	63	96	85	8.7	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—
25	15.6	19.6	15.0	16.3	21.3	15.4	14.4	12.6	12.0	11.3	12.0	95	70	88	84	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	13.4	24.8	16.4	17.8	25.3	12.8	10.5	11.3	12.6	13.3	12.4	98	53	95	82	6.0	7.7	—	—	—	—	—	—	—	—	—	—	—	—	—
27	16.1	25.0	17.3	18.9	25.6	13.7	13.0	13.1	9.6	13.7	12.1	96	40	93	76	10.0	8.4	—	—	—	—	—	—	—	—	—	—	—	—	—
28	15.0	24.8	16.9	18.4	26.0	14.6	14.0	12.3	9.4	13.8	11.8	96	40	96	77	8.0	9.3	—	—	—	—	—	—	—	—	—	—	—	—	—
29	16.9	21.2	15.0	17.0	22.0	16.6	15.3	14.1	12.0	12.1	12.7	98	63	95	85	8.3	7.6	—	—	—	—	—	—	—	—	—	—	—	—	—
30	14.8	22.8	15.0	16.9	23.3	13.4	12.3	12.6	12.5	12.8	12.6	100	60	100	87	9.0	4.7	—	—	—	—	—	—	—	—	—	—	—	—	—
31	15.0	22.8	14.6	16.8	23.9	14.6	14.0	12.1	11.6	12.5	12.1	95	55	100	83	9.7	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—
Med	15.2	22.9	16.6	17.8	23.7	13.9	12.8	12.6	11.6	13.1	12.5	97	56	92	82	8.0	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—

Precipitación total : 218.6 mm.

DATOS DIARIOS

Estación El Tambuco Mes Febrero Año 1968 $\phi = 2^{\circ} 23' N$ $\lambda = 76^{\circ} 43' WGR$ Altura 1.750 M.

Días	TEMPERATURA °C				TENSION DEL VAPOR mm				Humedad Relativa %			NEBULOSIDAD DEMOS		Brillo Solar Horas		PRECIPITACION mm			EVAPORACION mm			VIENTOS										
	7	14	20	Med.	Máx.	Min.	Minima Sento	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20	Med.	7	14	20		
	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora	DIRECCION	FUERZA Km/Hora		
1	14.2	23.3	17.6	18.2	23.9	13.8	13.0	11.6	10.8	14.5	12.3	96	50	96	81	8.7	5.2	3.1	---	---	---	---	---	---	---	---	---	---	---	---		
2	14.0	21.0	19.5	16.5	21.3	13.8	13.0	11.5	15.7	12.7	13.3	96	85	96	82	10.6	15.5	3.6	0.8	4.5	0.4	12	12	2	08	1	00	0	0			
3	15.3	19.1	14.6	15.9	21.9	14.9	14.0	13.0	13.2	12.2	12.8	100	80	98	93	10.0	2.8	0.1	---	0.9	4.7	0.4	00	0	08	1	00	0	0			
4	15.1	21.2	15.8	17.0	21.3	14.7	13.6	12.7	13.2	12.9	12.9	98	70	96	88	9.0	4.4	3.8	0.2	0.6	4.5	0.2	08	1	00	0	08	1	00			
5	14.8	21.0	16.3	17.1	22.0	14.5	13.6	12.1	10.3	12.4	11.6	96	55	90	80	7.7	6.6	1.0	---	1.0	4.0	0.8	1	08	1	12	1	12	1			
6	15.4	23.3	17.4	18.4	24.0	13.7	12.0	13.1	10.4	14.0	12.5	100	48	94	81	8.7	7.7	---	---	---	---	---	---	---	---	---	---	---	---	---		
7	16.2	23.4	16.2	18.0	24.5	14.5	13.4	13.3	10.8	12.4	12.2	96	50	90	79	7.0	9.1	17.1	---	---	---	---	---	---	---	---	---	---	---	---		
8	16.0	23.0	16.8	19.2	24.2	15.4	14.0	13.1	12.6	14.6	13.4	96	60	90	82	10.0	6.8	1.1	---	0.1	2.1	0.6	08	1	12	1	08	1	12	1		
9	16.9	23.6	16.6	18.4	24.8	16.8	16.0	13.6	12.2	13.9	13.2	95	55	98	83	9.3	7.4	2.0	---	6.9	8.3	1.0	12	1	08	1	12	1	12	2		
10	16.6	21.9	17.6	18.5	22.5	16.3	15.5	13.6	12.4	13.7	13.2	96	63	90	83	9.7	2.0	1.4	---	---	---	---	---	---	---	---	---	---	---	---		
11	16.4	23.3	18.1	19.0	23.3	16.0	15.4	14.1	13.0	13.4	13.5	100	61	86	82	8.0	3.8	---	---	---	---	---	---	---	---	---	---	---	---	---		
12	16.0	25.0	16.6	18.6	25.3	15.0	14.1	13.4	13.1	14.3	13.6	98	55	100	84	9.3	5.4	---	---	---	---	---	---	---	---	---	---	---	---	---		
13	15.4	23.6	18.1	18.8	24.9	14.6	13.5	12.6	11.4	14.7	12.9	96	52	95	81	8.3	8.6	---	---	---	---	---	---	---	---	---	---	---	---	---		
14	16.6	23.9	18.6	19.4	25.5	15.3	14.5	13.4	11.3	14.4	13.0	94	51	90	78	7.0	7.0	---	---	---	---	---	---	---	---	---	---	---	---	---		
15	17.0	25.0	17.8	19.4	25.4	16.4	15.5	14.6	11.4	14.6	13.5	100	48	95	81	9.0	5.8	---	---	---	---	---	---	---	---	---	---	---	---	---		
16	17.1	24.6	18.8	19.8	26.0	16.8	15.4	14.0	11.7	10.7	12.1	96	50	66	71	8.3	5.9	---	---	---	---	---	---	---	---	---	---	---	---	---		
17	16.8	21.0	18.1	18.5	23.0	14.7	13.8	14.4	11.3	14.7	13.5	100	60	95	85	9.7	2.9	---	---	---	---	---	---	---	---	---	---	---	---	---		
18	16.4	22.4	18.0	18.7	22.5	16.0	15.1	14.1	12.1	14.9	13.7	100	60	96	85	6.1	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---		
19	14.8	23.9	16.0	17.7	24.9	14.6	13.7	12.1	11.1	12.8	12.0	96	50	94	80	9.3	1.6	---	---	---	---	---	---	---	---	---	---	---	---	---		
20	15.0	18.8	16.6	16.8	22.5	13.0	12.1	12.0	14.6	12.2	13.0	96	90	92	93	9.7	1.9	---	---	---	---	---	---	---	---	---	---	---	---	---		
21	15.2	23.4	17.9	18.6	24.0	14.7	14.0	12.0	10.8	13.7	12.2	93	90	90	78	9.0	6.8	---	---	---	---	---	---	---	---	---	---	---	---	---		
22	15.2	23.4	17.6	18.4	24.9	14.3	13.3	12.4	12.9	14.4	13.2	96	60	95	84	9.0	3.3	31.9	0.5	1.6	6.5	1.0	00	0	12	2	08	1	10	1		
23	15.8	18.8	16.8	17.0	20.0	15.4	14.5	12.9	14.6	13.6	13.7	96	90	95	94	10.0	0.5	2.4	6.3	0.3	29.7	0.2	00	0	08	1	10	1	10	1		
24	13.8	22.8	16.0	17.0	24.6	12.5	12.0	10.7	13.6	13.0	12.4	90	96	95	94	10.0	7.9	23.1	---	---	---	---	---	---	---	---	---	---	---	---		
25	14.4	22.9	18.2	18.4	24.0	13.4	12.5	11.7	9.8	14.8	11.7	95	56	94	82	8.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
26	16.2	22.0	15.0	17.0	23.0	16.0	15.1	12.9	9.8	12.1	12.6	93	56	95	79	9.0	8.2	---	---	---	---	---	---	---	---	---	---	---	---	---		
27	16.2	18.4	15.0	16.2	19.0	14.1	13.1	13.3	12.8	12.3	12.8	96	80	96	91	10.0	1.4	0.2	0.1	2.1	2.8	0.6	12	1	00	0	00	0	0	0		
28	14.0	21.2	15.0	16.3	22.0	12.8	12.0	12.1	13.2	12.4	12.6	100	70	97	89	10.0	2.3	0.6	---	0.1	0.1	0.6	00	0	12	2	00	0	0	0		
29	15.0	17.3	13.3	14.7	18.1	14.0	13.2	12.3	11.8	11.1	11.7	96	80	98	91	10.0	0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
30																																
31																																
Med.	15.6	22.1	16.8	17.8	23.2	14.8	13.8	12.8	12.2	13.4	12.8	96	63	93	84	9.0	4.3	3.6	0.6	2.8	6.9	0.7	---	---	---	---	---	---	---	---		

Precipitación total : 200.6 m.m.

DATOS DIARIOS

Estación El Tambo Mes Marzo Año 1968 $\phi = 28^{\circ} 23' N$ $\lambda = 76^{\circ} 46' W$ OR. Altura 1,750 M

Días	TEMPERATURAS °C						TENSIÓN DEL VAPOR m m						Humedad Relativa %			Brillo Solar HORAS			PRECIPITACION m m			EVAPORACION m m			VIENTOS							
	7	14	20	Med.	Máx.	Mín.	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	Total	7	14	20	7	14	20	DIREC CION	FUEZA Km./Hrs	DIREC CION	FUEZA Km./Hrs	
	7	14	20	Med.	Mín.	Mínima Suelo	7	14	20	Med.	7	14	20	Med.	7	14	20	7	14	20	Total	7	14	20	7	14	20	DIREC CION	FUEZA Km./Hrs	DIREC CION	FUEZA Km./Hrs	
1	13.1	22.3	15.6	16.6	22.5	12.8	12.0	11.4	12.0	11.5	12.3	100	60	100	87	10.1	0.1	0.1	27.5	45.3	0.4	0.0	0.16	1	00	0						
2	15.2	22.4	15.4	17.1	23.0	14.0	13.5	12.0	13.6	12.6	12.7	93	63	96	84	9.7	6.8	17.8	—	17.3	35.0	0.4	1.2	1	12	2	08	1				
3	14.0	22.4	15.8	17.0	22.9	12.8	12.0	11.5	12.1	12.7	12.1	96	60	94	83	10.0	4.7	17.7	—	6.8	6.8	0.4	0.3	1	12	1	12	1				
4	13.4	20.8	14.4	15.8	21.5	13.0	12.4	11.0	12.0	10.1	—	96	45	90	77	8.7	9.6	—	0.1	—	—	—	—	—	—	—	—	—	—	—		
5	13.2	22.2	18.0	17.8	24.3	11.2	10.4	11.0	10.8	13.1	11.7	98	53	90	80	9.7	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—		
6	16.4	24.0	16.4	18.3	24.6	14.8	13.6	12.6	12.0	13.3	12.0	90	45	95	77	10.4	9.2	—	—	9.8	9.8	1.1	0.0	1	12	1	12	1				
7	15.9	19.9	15.4	16.6	21.9	15.3	14.4	13.2	12.2	12.5	12.6	98	70	95	88	8.0	4.2	—	—	0.2	0.2	1.0	0.0	0	08	1	12	2				
8	15.9	20.9	14.6	16.5	22.2	14.8	13.5	12.8	11.6	11.7	12.0	95	63	94	84	9.3	4.5	—	—	8.7	9.5	0.7	0.8	1	08	1	08	1				
9	15.3	17.9	15.8	16.2	21.0	14.3	13.5	13.0	12.8	12.9	12.9	100	84	96	93	10.0	1.3	0.8	0.1	—	0.2	1.4	0.0	0	12	1	12	1				
10	15.0	21.0	15.4	16.7	21.5	14.8	13.7	12.5	13.0	12.6	12.7	98	70	96	88	9.7	2.8	0.1	—	5.3	6.6	1.2	0.0	0	12	1	12	1				
11	15.2	21.0	16.0	17.0	21.6	14.4	13.5	12.4	13.0	12.3	12.6	98	70	90	85	9.0	5.2	1.3	0.1	0.8	1.6	1.2	0.0	0	12	1	12	1				
12	15.4	22.3	17.0	17.9	23.0	14.1	13.4	12.9	14.1	13.8	13.6	98	70	95	88	8.7	6.3	0.7	—	—	—	1.0	0.0	0	12	1	12	1				
13	13.8	21.2	18.2	17.8	22.9	13.1	12.3	11.9	11.3	14.0	12.4	100	60	90	83	8.0	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—		
14	15.8	23.4	17.0	18.3	23.8	15.4	14.5	12.6	9.6	12.5	11.6	95	55	98	83	8.7	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—		
15	15.6	19.9	15.0	16.4	21.2	15.4	14.5	12.6	9.6	12.5	11.6	95	55	98	83	8.7	2.5	—	—	—	—	—	—	—	—	—	—	—	—	—		
16	14.4	20.4	16.6	17.0	22.9	13.9	13.0	11.8	11.6	12.9	12.1	96	65	91	84	10.0	3.6	18.5	—	26.6	45.1	1.2	0.8	1	12	1	00	0				
17	14.9	21.4	15.8	17.0	21.9	14.7	14.0	12.4	12.4	13.2	12.7	98	65	98	87	10.0	2.9	14.8	0.4	—	—	14.8	0.6	1.2	1	00	0	08	1			
18	15.8	17.4	15.0	15.8	20.0	14.8	14.0	9.3	14.2	12.5	12.0	70	96	98	88	7.0	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—		
19	14.8	22.2	15.0	16.8	22.5	13.7	13.0	12.4	12.6	11.8	12.3	98	63	93	85	7.3	4.2	0.3	—	15.1	1.3	16.7	0.6	0.8	1	08	1	08	1			
20	15.4	22.4	17.0	18.0	23.0	13.8	12.5	12.9	12.7	13.1	12.9	98	62	90	83	6.7	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—		
21	16.0	22.0	16.4	17.7	23.9	15.0	13.5	13.4	12.4	13.1	13.0	98	63	93	85	7.3	7.6	—	—	—	—	—	—	—	—	—	—	—	—	—		
22	16.3	23.8	15.8	17.9	23.0	14.0	12.0	13.3	12.4	12.5	12.7	98	56	93	82	6.3	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—		
23	14.6	20.4	17.6	17.6	21.9	14.0	12.4	12.2	14.5	14.5	13.7	98	80	96	91	6.3	1.7	—	—	—	—	—	—	—	—	—	—	—	—	—		
24	17.0	19.9	17.8	18.1	22.4	16.8	15.4	14.2	14.2	14.2	14.4	98	83	96	92	9.0	0.9	—	—	—	—	—	—	—	—	—	—	—	—	—		
25	16.2	22.0	17.3	18.2	23.5	16.0	14.9	13.5	11.0	13.2	12.6	98	55	90	81	7.3	6.2	—	—	—	—	—	—	—	—	—	—	—	—	—		
26	16.4	22.4	16.2	17.8	23.1	15.4	14.1	13.4	14.3	12.9	13.5	96	70	93	86	7.0	4.6	—	—	—	—	—	—	—	—	—	—	—	—	—		
27	16.4	26.4	16.6	19.0	28.0	15.1	14.0	13.4	15.5	13.6	14.2	96	63	96	84	7.7	2.2	—	—	—	—	—	—	—	—	—	—	—	—	—		
28	16.2	23.9	17.6	18.8	25.5	13.7	12.0	13.5	12.2	14.5	13.4	98	55	96	83	8.3	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—		
29	16.6	21.0	17.4	18.1	24.2	14.9	13.8	13.9	12.5	14.2	13.5	98	68	96	87	9.0	5.3	—	—	—	—	—	—	—	—	—	—	—	—	—		
30	16.8	21.9	17.9	18.6	24.9	16.1	14.9	14.1	11.0	14.7	13.3	98	56	96	83	7.0	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—		
31	16.0	24.2	19.0	19.6	26.0	14.6	13.5	13.4	10.9	8.3	10.9	97	48	50	65	6.0	8.7	—	—	—	—	—	—	—	—	—	—	—	—	—		
Med.	15.4	21.7	16.4	17.5	23.1	14.4	13.4	12.6	12.3	12.9	12.6	96	64	93	84	8.4	4.8	2.3	0.5	3.4	6.3	1.0	—	—	—	—	—	—	—			

Precipitación total: 194.1 mm.

DATOS DIARIOS

Estación El Tambo Mes Mayo Año 1968 $\phi = 2^{\circ} 23' N$ $\lambda = 76^{\circ} 43' W$ G.B. Altura 1,750 M.

Días	TEMPERATURAS					TENSION DEL VAPOR					Humedad Relativa %			NUBOSIDAD DECIMOS	Brillo Solar Horas	PRECIPITACION mm				EVAPORACION			VIENTOS										
	7	14	20	Med.	Min.	Máx.	Min.	Med.	20	7	14	20	Med.			7	14	20	Total	7	14	20	DIREC. FUERZA	DIREC. FUERZA	DIREC. FUERZA								
																										7	14	20	Med.	7	14	20	DIREC. FUERZA
1	15.4	25.6	17.4	19.0	26.0	14.8	13.0	12.6	9.8	13.7	12.0	96	40	92	76	8.0	4.9	1.9	—	—	—	1.4	16	1	12	1	00	0					
2	13.1	23.8	16.8	17.6	25.0	12.6	10.8	11.0	6.2	8.6	2.5	98	40	60	66	7.7	9.9	—	—	—	—	1.8	00	0	12	1	00	0					
3	15.4	22.4	17.6	18.2	23.0	14.0	12.8	9.7	9.9	6.8	8.8	75	48	45	56	8.3	6.1	—	—	—	—	3.0	08	1	12	2	12	1					
4	13.0	23.9	17.4	17.9	25.4	11.5	10.4	11.0	13.3	14.2	12.8	68	60	95	84	6.3	8.2	—	—	—	—	3.2	00	0	12	2	00	0					
5	14.8	25.0	16.8	18.4	26.6	12.6	10.0	12.1	10.6	13.8	12.2	96	45	96	79	5.0	10.2	—	—	—	—	3.4	08	1	08	3	00	0					
6	15.0	22.4	16.8	17.8	24.0	14.6	12.9	12.8	9.9	12.1	11.6	100	48	85	78	10.0	6.8	—	—	—	—	2.6	00	0	08	2	00	0					
7	16.0	18.8	16.8	17.1	22.0	15.4	14.0	13.0	11.3	12.9	12.4	95	70	90	85	10.0	4.4	—	—	—	—	3.4	0.8	4.2	1.6	00	0	00	0				
8	16.2	16.6	15.2	15.8	24.0	15.6	14.3	13.5	13.5	12.7	13.2	98	95	98	97	7.3	3.7	—	—	—	—	3.8	5.7	9.5	1.0	00	0	00	0				
9	15.2	18.0	16.0	16.3	22.0	14.1	12.5	12.7	14.6	13.4	13.6	98	94	98	97	10.0	1.9	—	—	—	—	4.3	0.5	4.8	0.0	00	0	12	3	00	0		
10	17.0	22.4	17.0	18.4	23.6	15.4	14.4	13.1	12.8	13.8	13.2	90	63	95	83	8.0	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
11	16.4	23.4	15.8	17.8	24.4	15.8	15.0	13.4	13.6	12.9	13.3	96	64	96	85	8.3	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
12	15.6	22.6	17.4	18.2	23.5	15.4	14.1	13.0	12.3	13.7	13.0	98	60	92	83	6.7	2.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	13.6	22.0	17.4	17.4	25.0	12.5	11.0	11.8	9.0	14.2	11.7	100	45	98	81	8.7	9.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	16.2	24.0	17.0	18.6	25.6	15.0	14.1	13.0	8.9	12.3	11.4	94	40	85	73	6.3	7.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	15.0	23.9	17.6	18.5	24.4	13.6	12.5	12.3	11.6	12.1	12.0	96	52	80	76	7.3	9.1	6.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	17.0	24.6	16.6	18.7	26.0	15.8	14.6	13.8	12.8	13.2	13.3	95	55	93	81	9.0	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	13.6	16.4	14.0	14.5	18.0	13.5	12.5	10.7	12.5	11.5	11.6	97	89	96	94	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	13.4	22.4	15.0	16.4	24.8	10.5	9.6	10.8	12.1	12.3	11.7	94	60	96	83	7.0	6.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	14.0	21.0	15.8	16.6	22.5	13.6	11.5	11.5	12.3	12.9	12.2	96	66	96	86	8.0	4.3	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	14.8	22.0	16.4	17.4	24.0	13.9	12.5	12.4	9.8	12.6	11.6	98	50	90	79	8.7	6.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	16.0	23.4	15.2	17.4	24.0	14.9	13.6	13.1	10.8	12.4	12.1	96	50	96	81	8.0	6.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	15.2	23.2	15.4	17.3	23.9	13.6	12.1	12.4	10.8	12.6	11.9	96	50	96	81	6.0	4.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	15.0	23.9	16.0	17.7	24.9	13.7	11.9	12.3	12.4	11.9	12.2	96	56	87	80	7.3	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	14.9	25.4	18.8	19.5	26.0	12.2	10.0	12.5	9.8	12.3	12.5	98	40	75	71	6.0	9.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	16.2	24.9	17.8	19.2	25.9	13.1	12.3	13.0	10.5	14.2	12.6	94	45	93	77	6.0	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	17.0	22.6	17.2	18.5	24.0	14.5	12.5	14.2	10.4	13.4	12.7	98	50	90	79	8.7	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	15.4	16.6	17.0	16.5	13.9	12.8	12.9	13.9	13.2	13.3	13.3	98	98	91	96	5.7	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	16.0	20.0	18.6	18.3	24.5	14.7	13.0	13.1	16.2	14.4	14.6	96	93	90	93	9.0	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	16.4	20.2	17.9	18.1	24.0	14.9	13.6	13.4	12.4	14.4	13.4	96	70	94	87	10.0	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	16.0	20.2	16.8	17.4	21.9	15.9	15.0	13.0	11.3	13.6	12.6	95	63	95	84	9.0	1.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	14.8	19.6	16.6	16.9	22.0	13.5	12.0	12.1	12.1	13.2	12.5	96	70	93	86	8.3	3.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	15.3	22.0	16.7	17.7	24.0	14.0	12.6	12.4	11.6	12.8	12.3	96	60	90	82	7.8	5.8	0.4	1.3	1.0	2.6	1.8	—	—	—	—	—	—	—	—	—	—	—

Precipitación total : 82.2 m.m.

DATOS DIARIOS

Estación 31 Tambo Mes Junio Año 1968 φ - 25 23' N λ - 76° 43' W GR Altura 750 M.

Días	TEMPERATURA						TENSION DEL VAPOR						Humedad Relativa %			Brillo Solar			PRECIPITACION			EVAPORACION			VIENTOS											
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20		7		14		20	
	Med.	Max.	Min.	Minima Suelo	Med.	Max.	Med.	Max.	Med.	Max.	Med.	Max.	7	14	20	Med.	Max.	Med.	7	14	20	Total	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA				
1	16.0	21.0	15.9	17.2	22.2	15.2	14.2	13.1	11.3	12.5	12.3	96	60	93	83	8.0	—	—	—	—	—	—	1.0	12	1	16	1	00	0							
2	15.8	21.8	15.9	17.4	22.5	15.4	14.3	12.9	13.9	12.8	13.2	96	71	95	87	6.3	2.6	—	3.8	0.9	4.7	0.4	00	0	12	1	00	0								
3	14.0	23.9	16.0	17.5	25.0	13.3	12.0	11.5	8.0	10.8	10.1	96	36	80	71	8.7	7.5	—	—	—	—	1.2	00	0	16	1	00	0								
4	15.0	19.8	16.0	16.7	22.0	14.1	13.0	12.5	11.2	12.7	12.1	98	65	93	85	9.0	3.7	—	—	—	—	7.8	00	0	00	0	00	0								
5	15.0	17.9	13.6	15.0	22.0	14.9	14.0	12.3	12.3	13.1	11.9	96	80	95	90	5.0	1.4	7.8	2.2	4.2	22.9	1.0	00	0	16	2	00	0								
6	12.9	19.9	14.3	15.4	21.0	12.4	11.5	10.6	9.4	11.4	10.5	96	54	94	81	8.7	3.4	16.5	4.7	0.1	4.8	1.0	00	0	16	2	00	0								
7	12.8	22.0	15.8	16.6	24.3	12.3	10.8	10.6	11.2	12.9	11.6	96	56	96	86	8.3	8.7	5.1	—	—	—	0.2	0.2	0.4	00	0	12	1	00	0						
8	15.2	22.0	16.7	17.6	23.3	13.8	12.7	12.7	12.3	13.6	12.9	98	62	95	85	6.1	3.3	—	—	—	—	—	1.8	00	0	12	1	00	0							
9	13.8	24.4	17.2	18.2	25.5	12.6	11.4	11.3	11.5	13.9	12.2	96	50	94	80	8.7	6.7	—	—	—	—	—	0.4	1.8	00	0	12	2	00	0						
10	14.4	23.9	18.8	19.0	25.3	13.9	12.6	12.0	13.5	13.2	12.9	98	60	81	80	8.0	6.7	—	—	—	—	—	2.0	00	0	12	2	00	0							
11	16.8	22.9	18.6	19.2	24.9	15.6	14.7	13.8	10.5	12.9	12.4	96	50	80	75	7.1	6.6	0.4	—	—	—	—	2.1	1.7	3.8	0.4	1.8	00	0	12	2	00	0			
12	16.4	20.0	16.4	17.3	22.9	15.6	14.4	13.4	14.9	13.4	13.9	95	85	96	92	10.0	2.4	—	2.1	1.7	3.8	0.4	—	1.4	00	0	12	2	00	0						
13	17.4	24.8	17.6	19.4	25.0	13.7	12.8	13.0	9.4	14.0	12.1	88	40	93	74	7.0	6.0	—	—	—	—	—	1.4	00	0	12	2	00	0							
14	14.4	24.9	16.8	18.2	26.0	13.6	13.0	11.8	10.7	13.4	12.0	96	46	93	78	9.0	6.2	—	—	0.7	0.7	1.3	00	0	08	1	00	0								
15	16.4	26.0	19.8	20.5	27.0	15.9	15.0	13.3	7.7	13.2	11.4	95	30	76	63	6.3	2.7	—	—	—	—	2.2	00	0	12	1	00	0								
16	14.8	24.9	16.6	18.2	26.0	14.3	13.5	12.1	10.5	12.9	11.8	96	45	91	77	6.0	—	—	—	—	—	—	1.0	00	0	10	1	12	2							
17	14.1	21.4	16.0	16.9	22.9	13.8	13.0	11.5	10.8	13.1	11.8	95	56	96	82	7.3	—	—	—	—	—	—	16.5	18.5	1.0	00	0	12	1	12	1					
18	16.0	23.9	18.2	19.1	25.0	14.5	13.5	13.1	9.9	14.0	12.3	96	45	90	77	7.7	6.3	2.0	—	—	—	0.2	1.2	1.4	00	0	12	2	00	0						
19	15.4	24.9	15.8	18.0	25.4	14.8	13.5	12.6	10.5	12.2	11.8	96	45	91	77	7.7	6.3	1.0	0.1	0.1	0.8	1.0	00	0	12	1	12	1								
20	16.2	21.4	16.2	17.5	24.0	15.4	14.3	13.3	12.0	12.6	12.6	96	63	91	83	7.3	5.2	0.6	—	—	—	—	0.4	00	0	08	1	04	1							
21	18.0	18.4	16.0	17.1	20.6	16.8	16.0	14.0	13.7	12.7	13.5	91	86	93	90	8.0	2.4	—	4.1	1.2	5.5	0.4	00	0	00	0	00	0	00	0						
22	16.0	17.8	15.2	16.0	22.6	15.4	14.4	12.7	14.2	12.3	13.1	93	93	95	94	8.7	2.5	0.2	—	—	—	1.8	6.4	8.2	0.3	0.0	0	00	0	00	0					
23	15.7	22.4	16.6	17.8	24.0	14.9	12.5	12.5	9.2	13.6	11.9	96	45	96	79	7.7	5.9	—	—	—	—	—	0.1	2.0	00	0	14	1	00	0						
24	15.0	22.0	13.8	16.2	23.0	14.5	13.5	12.1	8.0	11.2	10.4	95	40	95	76	7.0	6.2	0.1	—	—	—	—	1.0	00	0	16	1	00	0							
25	11.2	21.0	16.4	16.2	23.0	10.0	9.0	9.6	7.7	11.1	9.5	96	41	80	72	5.7	8.4	—	—	—	—	—	2.0	00	0	12	1	00	0							
26	12.0	23.9	14.8	16.4	25.2	11.0	9.5	10.0	8.0	8.9	8.5	91	96	40	68	6.0	9.7	—	—	—	—	—	2.0	00	0	08	2	12	1							
27	10.6	25.0	18.6	18.2	26.5	9.5	7.4	8.7	7.2	11.2	9.0	90	30	70	63	4.3	8.9	—	—	—	—	—	2.0	00	0	12	1	00	0							
28	14.0	24.9	16.6	18.0	26.8	11.6	10.0	10.8	8.5	12.2	10.5	91	36	86	71	4.0	10.6	—	—	—	—	—	2.2	08	1	08	1	00	0							
29	16.4	25.6	16.8	18.9	27.0	14.0	13.1	13.4	11.4	13.4	12.7	96	46	93	78	8.7	6.3	—	—	—	—	—	1.4	00	0	04	1	00	0							
30	16.4	22.2	15.8	17.6	24.0	15.9	14.7	13.4	10.0	12.7	12.0	96	50	94	80	10.0	3.2	—	—	—	—	—	0.7	2.5	1.0	00	0	16	1	00	0					
31																																				
Med.	14.9	22.5	16.4	17.6	24.2	13.9	12.8	12.2	10.7	12.5	11.8	95	54	89	79	7.5	4.9	1.0	0.6	1.1	2.7	1.2	—	—	—	—	—	—	—	—	—					

Precipitación total : 82.2 m.m.

DATOS DIARIOS

Estación El Tambo Mes J u l i o Año 1968 $\phi = 20^{\circ} 23' N$ $\lambda = 76^{\circ} 43' WGR$ Altura 1.750 M.

Días	TEMPERATURAS					TENSIÓN DEL VAPOR					Humedad Relativa			Brillo Solar			PRECIPITACION			VIENTOS									
	Med.		Máx.		Mínima	Med.		Máx.		Mínima	%			Horas			mm			DIREC.		FUERZA		DIREC.		FUERZA			
	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20	7	14	20		
1	16.0	20.6	15.4	16.8	23.0	15.0	14.0	13.1	10.9	12.3	12.1	96	60	94	83	7.7	3.5	1.8	0.4	3.3	3.7	0.8	06	1	12	1	12	1	
2	15.0	21.2	17.0	17.6	23.0	14.5	12.5	12.5	9.4	14.0	12.0	98	50	96	81	7.3	4.3	—	—	2.9	2.9	1.2	02	1	16	1	12	1	
3	15.8	18.6	16.0	16.6	24.0	13.0	11.7	12.9	13.6	13.1	13.2	96	84	96	92	7.0	3.6	—	—	2.5	0.9	0.8	06	1	16	1	12	1	
4	16.4	17.3	14.2	15.2	22.0	15.0	12.3	13.7	13.9	13.9	13.2	98	94	98	97	6.3	3.5	0.6	3.2	2.0	5.2	0.4	12	1	16	1	12	1	
5	16.8	20.8	17.6	17.8	24.4	9.5	8.0	10.5	11.1	13.5	11.7	100	50	90	80	5.0	7.1	—	—	—	—	—	1.4	08	1	12	2	12	1
6	16.2	20.8	16.8	17.8	22.5	14.5	13.0	13.9	12.8	13.8	13.5	97	70	96	88	4.3	3.8	—	—	—	—	—	3.0	06	1	04	1	00	0
7	15.6	24.7	17.6	18.9	26.0	13.9	13.0	10.2	11.6	11.6	98	44	76	73	9.0	7.0	—	—	—	—	—	—	4.0	16	1	06	1	16	1
8	14.4	23.4	18.6	18.8	23.6	13.8	11.9	10.8	7.2	7.2	8.4	86	33	45	55	7.7	9.0	—	—	—	—	—	4.4	00	0	06	3	06	1
9	15.8	23.0	15.8	17.5	25.0	12.9	10.6	11.6	8.5	7.9	9.3	89	40	58	62	7.0	7.5	—	—	—	—	—	4.0	16	1	06	1	16	1
10	16.0	23.2	19.0	19.3	23.9	12.9	11.8	12.0	8.5	6.0	8.8	88	40	37	55	9.0	3.5	—	—	—	—	—	4.4	00	0	06	3	06	1
11	18.3	22.2	17.4	18.8	23.6	12.0	11.3	6.3	7.3	6.0	6.5	40	36	40	39	6.0	5.5	—	—	—	—	—	5.4	06	3	08	3	10	1
12	15.3	22.4	16.8	17.8	25.3	11.7	11.0	10.5	2.9	12.1	10.8	80	48	85	71	7.0	6.6	—	—	—	—	—	2.2	06	1	12	1	00	0
13	15.2	23.3	16.6	17.9	24.9	13.0	11.5	12.5	8.5	7.1	9.4	96	40	50	62	6.3	6.0	—	—	—	—	—	3.0	00	0	06	1	00	0
14	16.0	24.0	18.8	19.4	24.4	13.0	11.8	13.0	7.9	7.8	9.6	95	35	48	59	5.0	7.3	—	—	—	—	—	3.0	00	0	08	1	04	1
15	16.4	22.0	17.0	18.1	23.1	14.5	12.5	13.0	13.0	13.5	13.2	96	66	93	85	7.3	2.6	—	—	1.3	0.4	1.7	0.8	00	0	12	1	06	1
16	15.4	21.8	16.0	17.3	22.3	14.7	12.6	12.9	13.6	13.7	13.4	98	70	100	89	10.0	2.1	—	—	0.9	3.1	4.4	0.6	00	0	08	2	12	1
17	15.2	18.0	16.0	16.3	21.2	14.9	13.4	12.4	14.6	13.1	13.4	96	90	96	94	7.0	1.8	0.4	1.1	—	—	2.3	1.2	00	0	08	1	06	1
18	16.8	21.9	15.4	17.4	22.1	13.8	12.5	14.4	9.8	12.6	12.3	100	50	96	82	7.0	4.3	1.2	1.1	1.1	2.2	1.0	00	0	08	1	06	1	
19	16.8	19.8	16.2	17.2	22.4	15.4	14.3	14.4	13.9	13.0	13.8	100	80	94	91	5.7	3.0	—	—	1.9	0.4	2.3	1.0	00	0	08	2	08	1
20	16.2	17.4	14.4	15.6	24.2	15.7	15.0	13.0	7.6	11.6	10.7	94	51	96	80	8.7	4.3	—	—	—	—	5.7	2.6	08	1	16	2	00	0
21	13.8	23.8	16.4	17.6	25.0	11.5	9.5	11.9	10.0	11.7	11.4	100	48	84	77	7.3	8.2	—	—	—	—	—	3.2	06	1	12	2	16	1
22	13.9	23.0	18.0	18.2	24.0	12.3	11.4	11.6	8.5	12.4	10.8	98	40	80	73	7.7	8.4	—	—	—	—	—	2.0	00	0	12	1	16	1
23	15.2	24.0	17.6	18.6	25.0	13.0	12.5	12.4	9.2	13.0	11.5	96	41	86	74	8.0	7.8	—	—	—	—	—	1.4	00	0	12	1	16	1
24	15.6	24.4	19.8	19.9	25.7	11.8	9.5	12.6	9.2	5.8	9.2	95	40	35	57	4.3	9.8	—	—	—	—	—	2.8	12	1	08	1	08	2
25	18.0	25.2	19.6	20.6	26.0	13.9	12.3	10.8	7.3	6.7	8.3	70	30	38	46	6.0	6.3	—	—	—	—	—	3.2	12	1	12	2	12	1
26	16.8	24.8	19.2	20.0	26.0	14.5	12.5	10.0	6.7	7.9	7.0	30	40	47	27	10.2	—	—	—	—	—	—	6.8	00	0	06	2	06	3
27	16.4	22.8	16.0	17.8	25.0	13.6	12.4	11.8	9.4	8.7	10.0	85	45	65	65	6.0	4.7	—	—	—	—	—	1.8	00	0	06	1	06	1
28	15.0	22.2	17.2	17.9	23.0	13.0	11.6	9.6	8.6	9.6	9.3	75	43	65	61	7.0	5.7	—	—	—	—	—	3.0	00	0	16	1	06	1
29	14.2	23.8	19.0	19.0	24.4	13.7	13.0	10.9	7.8	7.4	8.7	90	35	45	57	7.3	6.4	—	—	—	—	—	4.2	00	0	12	2	12	2
30	14.4	23.6	18.6	18.8	25.0	13.6	12.2	9.2	7.8	7.1	8.0	75	35	44	51	4.3	9.2	—	—	—	—	—	3.8	00	0	08	2	12	2
31	14.0	25.4	20.2	20.0	26.3	11.9	10.5	11.2	8.6	7.0	8.9	94	35	40	56	8.0	6.8	—	—	—	—	—	4.0	00	0	12	3	12	2
Med.	15.6	22.3	17.2	18.1	24.1	13.4	11.0	11.9	9.9	10.2	10.7	90	50	71	70	6.7	5.7	0.1	0.4	0.6	1.1	2.6	—	—	—	—	—	—	—

Precipitación total : 34.4 m.m.

DATOS DIARIOS

Estacion El Tambó Mes Agosto Año 1968 $\phi = 23^{\circ}$ N $\lambda = 76^{\circ} 43'$ W WGR Altura 1.750 M.

Dias	TEMPERATURAS							TENSION DEL VAPOR			Humedad Relativa			NUBOSIDAD	Brillo Solar Horas	PRECIPITACION			EVAPORACION			VIENTOS							
	Med.		Min.	Max.	Minima Suabo	mm		Med.	%			mm				Total	mm		mm		mm		7		14		20		
	7	14				20	7		14	20	7	14	20				7	14	20	7	14	20	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA	DIRECCION	FUERZA
1	15.4	24.0	18.6	19.2	25.0	13.8	13.0	11.4	8.9	10.5	10.3	81	40	66	64	10.0	1.5	—	—	—	—	2.0	12	1	12	1	08	1	
2	15.8	22.8	18.0	18.6	24.3	14.9	14.0	9.3	8.3	6.3	8.0	70	40	40	50	8.0	2.9	—	—	—	—	3.0	00	0	12	1	12	2	
3	15.6	23.4	18.2	18.8	25.4	14.9	12.6	11.9	9.2	6.5	9.2	90	45	41	59	6.7	4.9	—	—	—	—	3.2	12	1	12	1	08	1	
4	14.2	22.0	15.4	16.8	24.0	14.9	12.6	11.5	11.0	12.2	11.6	95	55	94	81	8.0	4.3	—	—	—	—	4.6	06	0	06	1	12	1	
5	17.4	21.0	15.6	17.4	24.0	15.6	14.4	14.2	13.0	12.6	13.3	96	70	95	87	5.7	2.6	—	—	—	—	3.6	06	1	04	1	00	0	
6	15.6	21.6	16.3	17.4	23.0	14.8	14.0	13.3	11.6	11.2	12.0	100	60	81	80	8.7	3.9	—	—	—	—	3.2	12	1	04	1	08	1	
7	15.3	25.8	17.2	18.9	26.9	15.0	14.0	13.0	6.7	8.2	9.3	100	27	56	61	7.3	8.3	—	—	—	—	3.0	04	1	06	1	08	1	
8	14.8	24.0	19.0	19.2	26.3	11.6	10.5	12.0	6.7	6.6	8.5	95	30	40	55	3.3	9.2	—	—	—	—	5.2	04	1	12	1	12	1	
9	18.0	27.3	20.8	21.7	28.3	13.8	13.0	10.8	6.8	6.2	7.9	70	25	34	43	2.7	10.2	—	—	—	—	4.6	00	0	08	2	06	2	
10	14.3	26.2	18.8	19.5	28.0	13.5	12.4	10.9	6.5	7.1	8.2	98	26	44	59	3.0	9.7	—	—	—	—	5.2	00	0	04	1	16	1	
11	19.0	25.0	19.9	21.0	26.2	16.3	15.4	8.3	7.2	6.9	7.5	50	30	40	40	4.0	9.1	—	—	—	—	5.8	00	0	16	1	08	1	
12	12.4	24.0	18.6	18.4	24.6	10.8	10.0	10.8	6.7	7.2	8.2	100	30	45	58	6.7	7.3	—	—	—	—	3.0	00	0	16	1	08	1	
13	12.0	26.4	16.0	17.6	26.0	11.0	10.0	10.5	8.8	8.7	9.3	100	34	65	66	5.7	8.7	—	—	—	—	3.4	00	0	14	2	16	1	
14	15.0	25.0	19.3	19.6	26.0	12.9	12.0	10.8	8.4	8.2	9.1	85	35	52	57	7.0	7.3	—	—	—	—	3.1	00	0	08	1	08	1	
15	13.0	26.8	19.9	19.9	27.9	10.9	10.0	10.5	6.6	8.0	8.3	95	25	46	55	5.3	9.2	—	—	—	—	4.2	00	0	06	3	08	1	
16	15.8	25.9	20.0	20.4	27.0	12.8	12.0	11.4	8.8	7.7	9.3	85	35	44	55	7.3	6.8	—	—	—	—	3.0	04	2	12	1	00	0	
17	15.8	23.4	19.9	19.8	24.9	14.8	14.0	12.8	10.4	12.8	12.0	95	48	73	72	8.7	3.1	—	—	—	—	1.2	12	1	08	1	08	1	
18	14.6	23.6	18.0	18.6	24.4	13.6	12.4	12.5	10.4	10.0	11.0	100	50	65	72	8.0	6.8	—	—	—	—	2.0	06	1	16	1	16	1	
19	13.5	24.8	17.6	18.4	25.6	12.5	11.6	11.3	7.0	9.2	9.2	98	30	61	63	6.3	5.4	—	—	—	—	2.2	06	1	12	1	12	1	
20	15.4	23.8	19.6	20.1	26.5	13.9	13.0	9.1	6.2	7.7	7.7	70	25	45	47	7.7	8.9	—	—	—	—	4.0	08	1	08	3	12	1	
21	15.0	26.2	16.8	18.7	27.0	11.8	10.0	10.8	7.0	8.0	8.6	85	28	56	56	4.3	8.7	—	—	—	—	3.0	12	1	08	1	12	1	
22	13.4	24.9	20.9	20.0	26.3	12.9	11.6	12.3	7.5	9.7	9.8	86	30	45	53	6.3	6.6	—	—	—	—	3.3	04	1	16	1	00	0	
23	15.0	25.6	18.6	19.4	26.5	12.9	11.6	12.3	7.5	9.7	9.8	96	30	60	62	7.3	6.4	—	—	—	—	2.2	08	1	00	0	16	1	
24	15.2	23.0	16.0	17.6	24.0	14.4	13.2	12.0	8.5	13.1	11.2	93	40	96	76	6.3	1.6	—	—	—	—	1.2	1.2	1.2	0.6	1	16	1	
25	13.6	22.6	18.0	18.0	25.3	12.6	11.5	11.2	11.6	13.8	12.2	96	56	90	81	8.3	8.1	—	—	—	—	3.0	06	1	16	1	06	1	
26	16.0	24.0	13.7	16.8	25.0	14.6	13.7	13.7	12.4	12.3	12.8	100	55	80	78	7.3	4.3	—	—	—	—	2.0	12	1	16	1	04	1	
27	16.3	18.6	15.6	16.5	21.3	15.6	14.0	13.3	11.6	12.8	12.6	96	72	96	88	7.0	0.8	—	—	—	—	1.1	1.6	2.7	2.0	00	0	12	1
28	15.3	25.6	17.9	19.2	27.2	13.6	12.7	13.0	7.5	13.0	11.2	100	30	85	72	7.3	7.5	—	—	—	—	2.0	00	0	16	1	04	1	
29	15.6	22.9	16.8	18.0	26.0	14.9	14.0	11.3	9.6	13.8	11.6	100	46	96	81	8.0	4.7	—	—	—	—	0.5	0.5	2.0	08	1	12	1	
30	16.8	19.9	16.8	17.6	22.4	14.0	13.3	13.8	12.9	12.3	13.0	96	74	86	85	8.7	5.1	—	—	—	—	0.1	0.6	1.0	2.0	10	1	04	1
31	16.0	19.9	16.4	17.2	26.3	15.6	14.7	13.7	13.9	13.4	13.7	100	80	96	92	8.0	8.0	—	—	—	—	0.3	1.5	3.4	12.3	0.6	1	16	1
Med.	15.2	23.9	17.9	18.7	25.5	13.5	12.5	11.7	9.0	9.8	10.2	91	42	65	66	6.7	6.1	—	—	—	—	0.2	0.3	0.7	3.0	—	—	—	—

Precipitación total : 22.0 mm.

DATOS DIARIOS

Estación El Tambo Mes Septiembre Año 1968 $\phi = 2^{\circ} 23' N$ $\lambda = 76^{\circ} 43' W$ OR Altura 1.750 M.

Días	TEMPERATURAS $^{\circ}C$						TENSION DEL VAPOR mm						Humedad Relativa %			NUBES Y BRILLO DEL SOL			PRECIPITACION mm			EVAPORACION mm			VIENTOS						
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20		
	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	Med.	Max.	Min.	
1	17.0	21.0	17.0	18.0	24.0	15.2	14.6	14.2	13.0	13.8	13.7	98	70	95	88	10.0	4.4	7.4	—	—	—	—	—	—	—	—	—	—	—	—	
2	15.6	22.6	16.6	17.8	23.6	14.8	14.0	13.3	9.2	12.2	11.6	100	45	86	77	6.2	12.1	—	—	—	—	—	—	—	—	—	—	—	—	—	
3	13.4	26.4	16.8	18.4	26.8	12.6	11.5	11.0	11.4	13.6	12.0	96	44	95	78	9.0	7.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
4	16.4	23.6	15.6	17.8	25.0	14.4	13.6	13.2	9.4	11.5	11.4	94	43	87	75	9.0	4.3	2.8	—	—	—	—	—	—	—	—	—	—	—	—	
5	14.2	25.2	19.4	19.6	26.3	12.8	10.5	11.6	10.7	7.6	10.0	96	45	45	62	6.3	8.5	—	—	—	—	—	—	—	—	—	—	—	—	—	
6	15.0	18.0	17.6	17.0	24.0	14.0	13.5	12.8	14.5	11.8	13.0	100	93	78	90	8.3	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	
7	13.8	22.0	17.5	17.7	23.0	12.5	10.0	11.1	9.8	13.1	11.3	94	50	94	79	8.0	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	16.2	21.2	15.6	17.2	22.0	15.0	14.0	13.3	10.3	13.0	12.2	96	55	98	83	8.7	3.2	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	16.0	20.0	16.0	17.0	22.4	15.0	14.0	12.8	13.4	12.8	13.0	94	76	94	88	9.7	3.2	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	16.0	22.9	16.6	18.0	25.5	14.7	13.7	15.7	10.5	11.8	12.7	100	90	83	78	10.0	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	16.6	22.4	15.8	17.6	24.5	15.5	14.5	13.6	7.0	12.7	11.1	96	34	94	75	7.0	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	14.2	24.9	18.0	18.8	25.9	12.8	11.6	11.9	9.4	10.6	10.5	98	40	68	69	7.3	6.9	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	13.2	26.1	16.4	18.0	26.5	12.7	10.5	11.1	8.7	11.4	10.4	98	35	81	71	5.3	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	14.6	27.0	18.0	19.4	28.0	11.5	9.5	11.9	9.2	9.3	10.1	96	34	60	63	5.0	6.1	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	13.8	24.6	16.2	17.7	26.0	11.0	9.0	10.9	9.4	13.0	11.1	93	40	94	76	6.0	8.1	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	15.0	19.8	14.1	15.8	24.0	12.5	10.0	12.3	10.9	11.4	11.5	95	63	95	85	6.7	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	14.6	22.2	16.4	17.4	24.5	13.5	11.9	11.9	9.5	13.1	11.5	96	44	93	78	7.7	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	15.4	22.0	14.4	16.6	25.0	14.5	13.3	12.3	10.5	11.4	11.4	94	53	93	86	10.0	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	16.0	18.8	16.0	16.7	23.0	14.9	14.0	13.4	13.4	12.4	13.1	98	83	91	91	9.7	1.7	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—
20	15.0	24.5	15.4	17.6	26.0	12.8	12.0	12.0	10.5	12.3	11.6	94	46	94	78	7.7	5.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	15.8	21.9	16.4	17.6	22.5	13.9	12.4	13.6	11.8	13.3	12.9	100	60	95	85	9.7	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	15.0	23.0	16.9	19.0	24.3	14.6	13.5	12.5	9.5	6.6	9.5	99	45	40	61	8.7	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	14.8	25.4	15.6	17.8	26.0	13.6	13.0	12.1	7.5	11.9	10.5	96	30	90	72	4.0	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	14.0	23.8	19.8	19.4	24.5	11.8	11.0	11.1	7.8	6.7	8.5	93	35	38	55	5.0	4.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	13.2	23.4	16.8	17.6	25.0	10.6	10.0	9.8	8.1	11.5	9.8	86	35	80	67	4.0	5.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	13.2	26.0	17.2	18.4	26.9	11.9	10.6	10.6	8.6	13.7	11.0	94	34	93	74	7.7	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	16.2	17.9	16.2	16.6	25.5	15.9	15.0	13.3	13.7	13.5	13.5	96	90	95	97	9.7	4.2	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—
28	15.2	23.2	16.4	17.8	24.0	13.9	13.0	12.2	9.2	12.7	11.4	94	43	91	76	9.3	5.1	9.2	1.7	—	—	—	—	—	—	—	—	—	—	—	—
29	16.9	22.8	16.0	17.9	24.0	14.9	14.0	13.6	11.3	12.7	12.5	95	54	93	81	8.7	2.6	7.3	3.5	—	—	—	—	—	—	—	—	—	—	—	—
30	15.4	18.6	15.2	16.1	19.0	15.0	14.1	12.5	13.4	12.7	12.9	95	83	98	92	10.0	0.1	6.6	3.0	—	—	—	—	—	—	—	—	—	—	—	—
31																															
Med	15.0	22.7	16.6	17.7	24.6	13.6	12.4	12.4	10.4	11.8	11.5	96	52	84	77	7.8	4.8	1.5	0.7	1.7	—	—	—	—	—	—	—	—	—	—	—

Precipitación total : 111.0 m.m.

DATOS DIARIOS

Estación B I T a m b o Mes Noviembre Año 1968 φ = 2° 23' N λ = 76° 43' WGR Altura 1,750 M

Table with columns: Día, TEMPERATURAS (7, 14, 20 Med, Máx, Min, Mínima Suble), TENSION DEL VAPOR (7, 14, 20 Med), Humedad Relativa (7, 14, 20 Med), NUBOSIDAD (DESDE LOS BRILLO SOLAR HORAS), PRECIPITACION (7, 14, 20 Total) m m, EVAPORACION, VIENTOS (7, 14, 20 DIRECCION FUERZA Km/Hora).

Precipitación total : 346.2 mm.

DATOS DIARIOS

Altura 1.750 M.

9 -23 23' N 76° 43' W GR.

Año 1968

Mes Diciembre

Estación El Tambo

Días	TEMPERATURAS						TENSION DEL VAPOR						Humedad Relativa %			NUBOSIDAD		Brillo Solar Horas		PRECIPITACION			EVAPORACION			VIENTOS										
	7		14		20		7		14		20		7		14		20		7		14		20		7		14		20		7		14		20	
	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	Med.	20	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA	DIREC.	FUERZA		
1	14.0	17.9	15.0	15.5	20.6	12.3	12.3	11.7	13.0	12.1	12.3	98	85	95	93	8.7	5.8	0.1	2.0	1.0	2.0	1.0	1.0	00	0	16	1	12	1	00	0	16	1	12	1	
2	14.4	22.6	15.0	16.8	23.5	12.8	12.0	11.8	11.0	12.3	11.7	96	53	96	82	3.0	9.2	—	2.0	—	2.0	—	2.0	0	0	12	1	08	1	08	1	08	1	12	1	
3	15.2	22.4	15.2	17.0	22.9	12.9	10.5	12.4	10.3	12.3	11.7	96	50	95	86	9.0	6.4	—	3.2	—	3.2	—	3.2	0	0	08	1	—	—	—	—	—	—	—	—	—
4	14.9	23.4	16.0	17.6	24.4	14.6	13.7	12.6	9.1	12.3	13.3	100	42	90	77	10.0	8.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	14.6	24.8	17.6	18.6	25.5	14.0	13.3	12.1	11.8	14.2	12.7	97	50	94	80	8.0	8.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	14.4	24.9	16.4	18.0	26.1	12.9	11.5	12.1	10.3	14.1	12.2	100	43	100	81	3.0	9.2	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	17.0	24.6	16.6	18.7	25.6	15.9	14.4	14.6	12.8	13.5	13.6	100	54	95	83	4.0	8.1	20.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	17.4	21.0	18.0	18.6	23.8	15.6	14.4	14.2	13.0	13.8	13.7	95	70	90	85	8.0	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	16.0	22.4	18.2	18.7	22.9	14.9	14.0	13.7	14.3	14.9	14.3	100	70	95	88	9.0	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	18.0	19.6	18.8	18.8	23.9	16.3	15.5	14.6	14.3	15.4	14.8	94	84	94	91	8.3	4.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	16.3	24.4	15.7	18.0	24.9	14.4	13.3	13.3	16.8	13.5	14.5	96	73	100	90	6.0	6.3	28.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	17.8	22.6	17.9	19.0	25.5	14.9	14.0	14.6	12.6	14.4	13.9	95	60	94	83	7.7	4.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	18.0	25.2	18.0	19.8	25.6	16.0	14.9	14.7	10.7	13.8	13.1	95	45	90	77	3.7	9.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	16.4	24.6	16.0	18.2	25.0	15.6	14.4	12.6	13.0	13.1	12.0	90	45	96	77	8.0	7.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	16.4	22.6	17.0	18.3	25.0	15.6	14.5	14.1	13.0	14.2	13.8	100	63	98	87	8.3	8.4	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	16.4	24.2	17.8	19.0	25.3	15.3	14.1	11.1	11.4	13.7	12.1	86	50	90	73	6.0	7.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	17.4	24.0	17.6	19.2	24.9	15.6	14.4	15.0	14.9	14.4	14.8	100	66	95	87	6.3	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	16.9	23.0	18.8	19.4	25.0	15.6	14.1	14.4	11.8	14.9	13.7	100	56	92	83	5.3	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	16.8	23.0	18.0	19.5	26.0	15.8	14.6	14.4	10.6	14.7	13.2	100	45	95	80	4.7	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	16.0	20.6	16.9	17.7	23.0	15.0	14.2	14.0	13.4	13.4	13.4	95	73	93	87	8.7	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	16.6	26.0	17.9	19.6	26.6	15.4	14.4	14.3	11.6	13.7	13.2	100	46	90	79	4.0	9.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	17.0	23.4	17.8	19.0	24.4	13.9	12.6	13.5	13.2	14.4	13.7	93	61	94	83	6.7	5.3	23.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	15.0	19.0	16.0	16.5	22.2	14.6	13.3	12.8	11.8	13.1	12.6	100	72	96	89	6.0	4.9	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	14.8	22.6	17.4	18.0	23.6	14.4	13.5	12.6	13.0	13.9	13.2	100	64	93	86	6.7	8.8	29.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	15.6	24.2	15.7	17.8	25.0	14.9	13.5	13.3	10.1	12.5	12.0	100	45	93	79	8.0	6.4	2.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	16.0	23.0	17.6	18.6	24.4	14.7	13.9	13.7	10.6	14.4	12.9	100	50	95	82	6.0	8.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	16.0	23.2	17.6	18.6	25.0	14.6	13.4	12.3	9.6	13.5	11.8	90	45	90	75	5.7	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	16.0	18.0	16.8	16.9	21.0	14.6	13.5	13.7	14.5	13.8	14.0	100	93	96	96	9.7	1.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	14.0	24.2	16.1	17.6	25.4	13.9	12.6	11.7	8.0	13.0	10.9	98	35	95	76	2.7	9.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	15.6	22.2	16.4	17.6	24.0	14.4	13.4	12.8	9.0	13.2	11.7	96	45	94	78	4.7	9.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	15.0	24.0	16.6	18.0	25.0	12.0	10.0	12.8	8.9	12.8	11.5	100	40	90	77	6.0	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Med.	16.0	22.9	17.0	18.2	24.4	14.6	13.5	13.2	11.8	13.6	12.9	97	57	94	83	6.6	6.8	3.5	0.2	2.8	6.6	6.6	1.1	2.2	0.8	1	12	1	1.1	2.2	0.8	1	1.1	2.2	0.8	1

Precipitación total : 203.1 mm.

FRECUENCIA DE PRECIPITACION Y TEMPERATURA

AÑO: 1-968

ESTACION: EL TAMBO

MESES	PRECIPITACION														TEMPERATURA										
	7 HORAS				14 HORAS				20 HORAS				TOTAL				Minimo	Maximo							
	Más de:	01	10	20	Más de:	01	10	20	Más de:	01	10	20	Más de:	01	10	20	500	13 oc	15 oc	22 oc	26 oc				
ENERO	8	5	3	2	1	3	1	-	-	11	9	3	2	-	15	10	6	5	4	2	7	3	7	2	
FEBRERO	14	11	4	2	-	8	5	-	-	14	7	2	2	-	20	17	13	8	6	4	3	11	8	1	
MARZO	10	5	4	-	-	7	1	1	-	14	8	3	2	-	19	10	9	9	5	3	3	9	9	2	
ABRIL	14	11	6	5	1	7	3	1	-	16	12	5	4	-	24	18	14	11	11	6	2	8	4	-	
MAYO	4	3	-	-	-	8	6	2	-	11	4	1	-	-	14	10	9	6	4	-	6	8	5	4	
JUNIO	8	4	1	-	-	7	6	-	-	13	5	1	-	-	15	10	9	5	2	1	7	9	3	6	
JULIO	4	2	-	-	-	8	6	-	-	9	6	-	-	-	10	10	6	2	-	-	13	2	2	3	
AGOSTO	1	-	-	-	-	7	3	-	-	6	3	-	-	-	9	5	3	1	1	-	12	5	1	16	
SEPRE.	8	6	1	-	-	10	5	1	-	13	5	2	1	-	20	11	9	7	5	1	12	6	2	8	
OCTUBRE	16	13	8	3	1	9	3	1	1	19	16	6	1	-	26	21	19	16	14	13	2	9	3	1	
NOVIEMBRE	13	11	6	1	-	10	4	-	-	23	18	7	3	-	25	21	16	16	10	6	4	7	4	-	
DICIEMBRE	9	7	4	4	-	4	3	-	-	13	10	3	3	-	19	17	12	7	6	6	5	12	2	3	
SUMA ANUAL	109	78	37	17	3	88	46	6	1	162	103	33	18	-	216	160	129	94	69	44	7	76	89	50	46

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

MESES	PRECIPITACION MAS DE 0.1 MM.																								TOTAL	
	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		
ENERO	3	2	3	3	2	2	2	2	1	1	1	1	1	1	1	1	5	4	6	6	5	4	3	5	5	15
FEBRERO	3	6	5	5	4	6	4	4	3	4	3	2	3	6	5	8	5	5	7	7	7	6	4	2	19	19
MARZO	2	3	2	4	2	3	3	1	1	1	-	-	2	4	3	4	9	6	6	4	5	6	4	3	19	19
ABRIL	6	3	5	6	6	4	4	4	4	2	1	2	1	3	5	6	10	8	8	7	7	6	9	7	26	26
MAYO	2	3	2	2	2	2	2	2	1	1	1	2	5	5	5	6	3	2	4	2	1	2	3	2	16	16
JUNIO	3	1	2	2	3	2	2	2	2	2	2	3	3	3	4	5	11	5	1	2	1	2	1	2	16	16
JULIO	-	1	2	2	1	1	1	1	1	-	2	3	6	4	6	6	4	-	1	2	1	-	1	1	10	10
AGOSTO	2	-	4	4	2	3	2	2	2	1	2	1	2	4	3	3	3	1	3	2	1	1	1	1	9	9
SEPRE.	2	-	4	4	2	3	2	2	2	-	-	6	6	4	4	5	3	2	5	3	4	2	1	20	20	
OCTUBRE	8	8	7	6	6	4	2	2	2	1	1	2	2	4	6	9	11	14	13	9	10	10	12	11	26	26
NOVIEMBRE	5	3	4	4	4	5	3	1	1	2	1	2	4	6	6	11	11	14	11	11	8	7	8	8	26	26
DICIEMBRE	3	2	2	-	1	2	-	-	-	-	-	3	3	2	4	5	4	7	4	4	4	3	3	2	19	19
SUMA ANUAL	35	33	39	38	34	33	26	23	17	11	11	14	34	49	51	67	78	70	70	61	52	50	53	44	221	221

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: El TamboAño: 1.968

MESES	TOTAL			No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA				DURACION MAXIMA					
	m. m.	Días		Día	Noche	Total Día	Total Noche	Día	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	218.8	15	28	16	12	123.8	95.0	17:55'	27:05'	45:00'	61.1	6:40'	0.15	8.0	1.6	7:35'	49.9	0.11	6.5	1.3
Febrero	200.8	20	52	30	22	108.2	92.6	35:00'	32:00'	67:00'	34.7	2:15'	0.26	10.0	2.0	7:05'	31.9	0.08	6.0	1.2
Marzo	194.1	19	42	25	17	123.1	71.0	24:50'	21:55'	46:45'	27.4	1:30'	0.30	10.0	2.0	5:35'	18.4	0.05	1.5	0.3
Abril	424.2	24	64	36	28	188.5	235.7	30:55'	51:10'	82:05'	79.5	5:20'	0.25	9.5	1.9	12:25'	38.8	0.05	2.5	0.5
Mayo	82.2	14	31	24	7	71.8	10.4	19:05'	7:50'	26:55'	14.4	1:20'	0.18	7.2	1.4	3:05'	3.9	0.02	0.5	0.1
Junio	82.2	15	41	24	17	51.7	30.5	25:20'	16:50'	42:10'	16.5	1:05'	0.25	4.0	0.8	4:15'	5.6	0.02	0.3	0.1
Julio	34.4	10	25	23	2	32.6	1.8	20:20'	1:40'	22:00'	5.7	1:25'	0.07	1.5	0.3	3:20'	5.2	0.03	0.8	0.2
Agosto	22.0	9	20	16	4	18.0	4.0	12:20'	5:40'	18:00'	6.7	2:45'	0.04	1.0	0.2	4:35'	3.6	0.01	0.5	0.1
Septbr.	111.0	20	32	23	9	47.5	63.5	15:25'	20:15'	35:55'	24.9	3:40'	0.11	3.4	0.7	5:00'	7.9	0.03	1.0	0.2
Octbr.	451.2	26	65	35	30	186.4	264.8	44:05'	74:35'	118:40'	55.4	6:45'	0.14	10.0	2.0	8:20'	24.7	0.05	2.5	0.5
Novbr.	344.2	25	67	38	29	175.6	166.6	50:15'	43:05'	93:20'	49.3	5:20'	0.15	6.0	1.2	6:55'	19.2	0.05	2.5	0.5
Dicbr.	203.1	19	36	22	14	92.7	110.4	18:50'	16:00'	34:50'	30.2	1:05'	0.46	7.0	1.4	2:45'	6.0	0.04	1.2	0.2
TOTALES	2,368.2	216	503	312	191	1219.9	1148.3	314:35'	318:05'	632:40'	405.8	139:10'	XX	XX	XX	70:55'	215.1	XX	XX	XX

ESTACIONES DE TERCER ORDEN
(ESTACIONES HELIOPLUVIOGRAFICAS)

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY
5708 S. UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637

PRECIPITACION DIARIA

AÑO 1-968

BRILLO SOLAR DIARIO

ESTACION Robles (Manauare) Cesar

ALTURA 875 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.
1	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—
Suma Mensual	25.3	6.5	56.7	369.1	202.3	31.0	106.0	173.0	236.5	119.1	10.7	
Dias Lluviosos	—	5	2	10	28	21	17	23	24	27	18	1
Total del Año	TOTAL DEL AÑO 1,336.2 m.m.											
	TOTAL DEL AÑO 2,396.3 m.m.											

ESTACION: MARAÑES FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM. AÑO 1-1968

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	1	1	2	1	1	1	1	1	-	-	6
FEBRERO	-	-	-	-	-	1	1	1	-	-	-	-	-	1	1	1	2	1	1	1	1	1	-	-	3
MARZO	-	-	-	-	-	1	1	1	-	-	1	1	1	4	3	2	2	4	2	-	1	1	1	-	11
ABRIL	1	1	3	-	-	1	1	1	-	-	1	3	11	15	14	14	14	16	11	10	8	6	5	5	89
MAYO	1	2	2	1	2	2	3	3	2	2	3	5	6	5	8	6	6	6	6	4	3	3	3	2	22
JUNIO	1	2	2	1	2	2	3	3	2	-	1	1	1	1	4	7	4	3	2	1	2	1	1	-	18
JULIO	1	1	2	3	1	2	-	-	-	-	1	2	10	10	10	6	6	6	4	2	2	2	1	3	24
AGOSTO	2	3	2	3	3	3	2	-	-	1	4	6	11	11	7	9	4	6	4	2	1	1	1	1	24
SEPTBRE.	1	1	2	1	1	1	1	2	-	1	1	4	4	11	15	14	6	6	6	4	3	3	2	1	27
OCTUBRE	1	2	2	-	-	-	-	-	1	1	4	4	4	11	15	14	6	6	6	4	3	3	2	1	17
NOVIEMBRE	1	-	-	-	-	1	1	1	2	-	2	2	7	7	5	4	4	4	3	3	1	-	-	1	17
DIEMBRE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	3	
SUMA ANUAL	11	11	16	9	9	11	9	8	5	7	7	19	32	69	73	64	54	53	40	28	25	20	13	15	182

Frecuencia Horaria del Brillo Solar

MESES	Frecuencia a Pleno Sol												Frecuencia sin sbi												
	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	-	27	30	30	30	30	27	22	20	18	19	-	31	2	-	-	-	-	-	-	1	1	1	4	
FEBRERO	1	23	23	23	23	23	23	17	13	14	11	8	28	1	2	3	1	1	1	1	1	2	4	5	25
MARZO	12	27	30	26	26	24	24	30	12	9	6	-	30	1	1	1	1	1	1	1	1	1	1	1	18
ABRIL	6	18	16	12	10	10	7	7	7	6	4	-	19	4	3	1	1	2	8	4	5	5	5	11	18
MAYO	11	11	12	10	11	4	7	4	3	3	-	-	14	3	3	6	3	3	9	13	16	20	24	29	
JUNIO	8	13	10	8	5	2	2	2	2	4	2	-	9	6	10	8	7	8	8	10	10	14	14	18	
JULIO	10	21	18	22	16	13	10	10	13	7	-	-	8	2	3	2	1	2	1	2	3	6	10	15	
AGOSTO	11	17	18	16	16	11	12	5	4	5	4	-	15	8	3	4	2	2	4	7	7	12	16	22	
SEPTBRE.	7	12	13	15	12	9	4	3	5	2	-	-	22	5	4	2	2	3	3	9	11	14	19	26	
OCTUBRE	17	18	15	9	12	5	2	1	-	-	-	-	31	1	1	3	3	5	3	3	13	16	19	28	
NOVIEMBRE	20	22	24	21	14	10	9	7	4	-	-	-	30	4	4	2	2	2	2	2	5	8	10	18	
DIEMBRE	24	27	27	26	19	18	13	14	11	-	-	-	30	2	1	-	-	-	-	2	2	2	3	11	
SUMA ANUAL	70	230	237	228	197	163	104	100	96	67	-	-	267	39	33	32	23	28	42	57	80	105	136	222	

D	SUMAS HORARIAS DE BRILLO SOLAR												PRECIPITACION											
	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	7	14	20	SUMA MENSUAL m.m	DIAS LLUVIOSOS	DIAS	MAXIMA mm	MIN	
ENERO	16.1	29.4	30.5	30.9	30.8	29.4	27.9	25.5	23.7	24.3	9.0	137.7	139.8	271.5	1.0	1.1	23.2	25.3	5	21.6	19			
FEBRERO	0.1	17.2	25.4	25.2	21.8	21.8	20.7	19.0	18.7	17.7	7.0	119.0	104.9	223.9	1.0	1.1	5.5	6.5	2	5.5	1			
MARZO	0.1	23.8	28.2	30.0	29.4	28.8	27.6	22.8	21.0	19.7	13.6	1.4	140.3	106.1	246.4	1.0	1.1	5.5	6.5	2	5.5	1		
ABRIL	2.0	15.8	22.7	23.7	20.2	19.8	16.0	16.3	16.9	15.6	10.1	5.4	104.2	80.3	184.5	10.6	32.6	13.5	56.7	10	18.3	24		
MAYO	2.9	18.3	19.4	19.4	21.1	19.1	11.9	10.0	9.7	7.6	3.4	0.5	100.2	43.1	143.3	22.3	153.4	193.4	369.1	28	37.5	20		
JUNIO	3.7	16.5	16.5	17.6	16.5	13.6	12.7	11.9	9.4	8.8	9.2	4.2	84.4	56.2	140.6	68.3	30.5	97.7	20	52.7	16			
JULIO	4.3	21.1	25.3	25.9	26.0	24.5	23.1	21.9	19.2	19.4	15.0	6.7	127.1	105.3	232.4	12.0	3.9	20.8	31.0	17	5.9	3		
AGOSTO	2.6	17.3	22.2	23.8	24.4	22.5	20.8	14.1	13.9	12.0	8.9	3.9	112.8	73.6	186.4	60.5	7.2	36.9	106.0	23	42.4	27		
SEPTIEMBRE	1.0	15.1	21.5	22.1	20.8	20.6	16.5	12.5	10.8	7.8	4.6	1.1	101.1	53.3	154.4	11.6	87.5	75.4	173.0	24	31.9	4		
OCTUBRE	---	15.6	22.4	23.2	22.5	19.8	20.1	15.8	8.8	5.7	4.5	0.3	103.5	55.2	158.7	8.3	98.4	129.8	236.5	27	33.7	24		
NOVIEMBRE	---	14.3	24.7	25.0	26.6	24.4	22.1	18.7	16.4	14.5	11.3	4.3	116.0	87.3	203.3	28.0	10.1	81.0	119.1	18	57.8	24		
DICIEMBRE	0.1	12.5	26.5	28.9	29.8	29.9	25.5	23.6	21.1	21.0	19.9	6.1	127.7	117.2	244.9	---	---	10.7	10.7	1	10.7	4		
SUMA ANUAL	16.8	203.6	284.2	295.3	293.1	281.0	247.5	216.2	191.7	174.5	142.5	49.9	1374.0	1022.3	2396.3	223.6	424.7	687.9	336.2	176	318.0	---		

SUMAS HORARIAS DE LA PRECIPITACION

MESES	SUMAS HORARIAS DE LA PRECIPITACION																				TOTAL						
	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		
ENERO	---	---	0.7	---	---	---	---	---	---	---	---	---	---	---	0.5	1.7	---	0.8	6.2	5.5	9.0	0.2	0.1	---	---	25.3	
FEBRERO	---	---	---	---	---	0.3	0.3	---	---	---	---	---	---	---	---	---	---	4.8	0.7	---	---	0.2	0.1	0.1	---	6.5	
MARZO	2.6	2.4	3.4	---	---	0.2	1.5	1.1	---	0.8	7.2	14.4	9.1	2.2	1.2	2.4	5.0	2.7	---	0.2	0.3	---	---	---	---	56.7	
ABRIL	1.2	1.3	1.1	0.2	0.2	---	0.1	---	---	24.5	2.3	67.5	59.0	50.1	31.0	61.3	18.4	21.4	11.2	9.5	4.6	1.3	2.9	369.1	---	---	
MAYO	0.5	0.4	0.7	17.3	32.7	1.8	8.2	3.5	0.4	0.3	0.8	1.1	18.4	6.0	6.0	14.5	38.1	22.3	12.3	4.5	6.7	4.3	0.9	0.6	202.3	---	---
JUNIO	0.3	0.5	0.9	2.0	0.2	---	1.2	---	---	---	0.1	0.1	0.8	2.9	12.5	2.5	4.4	0.9	0.1	0.4	0.1	---	---	---	31.0	---	
JULIO	17.2	19.2	1.8	5.2	7.0	4.1	1.3	---	---	1.1	0.8	5.3	11.5	9.8	1.3	11.5	2.5	0.3	1.0	1.0	0.4	2.2	104.5	---	---	---	
SEPTIEMBRE	0.1	0.3	1.3	1.0	0.1	0.2	1.3	0.7	---	0.1	9.3	6.6	31.4	39.4	9.9	20.5	14.6	5.3	24.0	0.7	3.5	2.5	0.7	0.6	174.5	---	---
OCTUBRE	0.2	0.9	0.4	---	---	---	---	---	---	0.3	0.1	11.4	2.0	84.6	60.0	23.1	6.2	24.6	14.8	1.1	2.0	0.3	2.8	1.7	236.5	---	---
NOVIEMBRE	1.8	---	---	---	---	0.6	1.0	---	0.1	0.2	---	3.3	1.7	4.8	8.0	7.9	17.9	11.7	5.6	29.9	20.8	2.9	---	0.9	119.1	---	---
DICIEMBRE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.8	1.6	2.3	---	---	---	---	10.7	---	---
SUMA ANUAL	23.9	25.0	10.3	25.7	40.2	8.4	33.6	5.7	0.6	1.1	35.6	33.1	137.0	211.6	161.9	110.5	158.6	108.2	91.6	57.1	44.2	16.2	6.2	9.9	1.336.2	---	---

RESUMÉN DE ALGUNAS CARACTERÍSTICAS DE LA PRECIPITACION

Estación: M a n a n a u r o

Año 1.968

MESES	TOTAL		No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA				DURACION MAXIMA						
	m. m.	Días	Día	Noche	Total	Día	Noche	Total	m. m.	Durec.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	ht. mín.	m. m.	Int. Med.	Int. Max. 5 mín.	Int. Max. 1 mín. (ealc.)		
Enero	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Febrero	25.3	5	6	2	8	24.5	0.8	7:20'	0:45'	6:35'	21.5	4:00'	0.09	3.2	0.6	21.5	0.09	3.2	0.6	
Marzo	6.5	2	1	3	4	5.5	1.0	2:50'	2:05'	0:45'	5.5	0:45'	0.12	2.1	0.4	0.6	-	0.1	-	
Abril	56.7	10	14	6	20	47.6	9.1	16:10'	3:20'	12:50'	14.4	0:45'	0.32	5.1	1.0	5.6	0.03	1.0	0.2	
Mayo	369.1	28	62	12	74	357.3	11.8	95:10'	15:20'	79:50'	32.5	1:45'	0.31	8.2	1.6	19.7	0.06	2.5	0.5	
Junio	202.3	21	35	16	51	128.7	73.6	47:45'	16:00'	31:45'	51.1	2:10'	0.39	10.4	2.1	9.2	0.03	0.5	0.1	
Julio	31.0	17	21	9	30	24.7	6.3	17:45'	6:55'	10:50'	4.2	0:55'	0.08	1.1	0.2	1.2	0.01	0.1	-	
Agosto	106.0	23	33	11	44	43.9	62.1	45:15'	20:55'	24:20'	38.5	6:50'	0.09	5.0	1.0	38.5	0.09	5.0	1.0	
Septbre.	173.0	24	41	5	46	162.6	10.4	39:10'	7:50'	31:20'	23.9	1:30'	0.26	10.0	2.0	7.2	0.03	1.0	0.2	
Octbre.	236.5	27	42	9	51	228.9	7.6	50:00'	7:55'	42:05'	33.7	1:30'	0.37	8.6	1.7	9.8	0.04	1.2	0.2	
Novbre.	119.1	18	28	4	32	113.1	6.0	24:25'	2:40'	21:45'	55.0	3:20'	0.28	7.0	1.4	55.0	0.28	7.0	1.4	
Dicbre.	10.7	1	2	0	2	10.7	0.0	2:10'	0:00'	2:10'	8.4	1:30'	0.09	2.0	0.4	8.4	0.09	2.0	0.4	
TOTALES	1.336.2	176	285	77	362	1147.5	188.7	348:00'	83:45'	264:15'	288.7	25:00'	XX	XX	XX	176.7	XX	XX	XX	XX

ESTACION San Vicente(La Floresta) Santander

ALTURA 1.2 00

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.
1	—	7.4	12.2	0.2	8.4	4.8	2.9	2.4	28.0	1.2	1.1	—
2	0.1	1.8	9.0	1.1	9.4	1.6	4.4	—	1.9	—	—	—
3	—	5.9	2.5	—	—	—	—	0.4	13.3	—	0.9	0.9
4	—	1.3	—	0.4	7.7	3.5	0.9	0.6	3.2	—	3.3	1.6
5	—	—	—	0.2	0.3	87.3	0.3	—	—	—	1.5	9.0
6	—	—	—	—	3.8	1.8	0.5	4.5	20.0	32.6	4.8	—
7	—	1.8	11.1	4.3	8.0	—	—	30.4	9.8	2.0	—	—
8	—	0.3	—	0.7	3.8	0.3	—	5.6	5.3	4.6	0.4	—
9	—	0.3	—	20.1	47.4	16.1	—	—	1.5	3.9	42.2	—
10	—	0.4	31.4	—	—	—	—	0.7	—	—	—	—
11	—	—	1.5	49.9	0.1	0.7	—	5.3	4.1	10.1	0.1	0.5
12	—	0.3	—	0.6	—	12.1	—	—	3.6	1.7	5.7	—
13	7.1	1.7	7.5	40.8	15.0	—	—	—	14.0	0.1	5.7	—
14	47.3	—	—	8.9	1.5	3.7	—	3.6	3.2	22.3	—	—
15	—	—	—	10.6	25.7	4.9	1.0	—	2.9	0.5	5.1	9.1
16	—	—	—	—	3.7	—	—	—	0.6	77.3	60.4	—
17	—	0.1	21.1	—	35.8	11.6	—	8.5	0.5	—	—	—
18	—	36.0	—	67.7	29.4	2.2	3.2	—	—	—	—	—
19	—	1.2	—	0.8	0.2	0.4	—	—	0.8	0.3	0.1	—
20	0.3	6.4	0.4	0.3	0.8	—	—	—	0.1	0.9	—	—
21	43.8	—	—	9.8	0.4	—	—	—	—	—	—	—
22	—	—	—	—	3.5	0.5	—	—	0.9	—	2.0	—
23	—	2.7	—	0.3	0.2	—	—	3.3	1.8	—	28.8	—
24	—	—	—	4.6	1.1	—	—	1.6	1.1	0.9	0.1	14.1
25	—	2.4	—	—	—	—	—	4.9	—	—	—	62.5
26	—	—	—	11.7	4.9	11.2	—	—	1.0	—	11.2	49.2
27	0.2	11.2	—	—	—	—	—	7.3	—	—	19.0	—
28	—	—	—	0.1	9.6	23.9	—	—	3.8	23.5	1.7	—
29	—	—	39.4	—	4.2	6.3	—	—	15.3	0.1	0.6	—
30	—	17.1	17.1	34.6	52.1	2.6	—	—	1.9	51.3	0.1	—
31	—	—	—	2.9	1.1	0.3	—	—	5.2	—	15.9	0.8
Suma Mensual	98.8	119.7	153.7	270.3	337.0	197.0	30.9	117.8	198.1	231.0	255.5	83.6
Dias Lluviosos	6	19	12	23	28	21	12	20	24.	21	23	6
TOTAL DEL AÑO 2.093.4 m.m.												
TOTAL DEL AÑO 1.872.0 m.m.												

AÑO 1. 1-1968

ESTACION: LA FLORESA FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 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	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	19
FEBRERO	5	6	4	7	6	6	4	4	2	1	1	2	1	1	1	1	1	2	1	1	1	2	3	3	6	16
MARZO	5	7	6	4	3	4	3	2	4	3	2	3	3	3	4	1	3	5	5	3	3	3	5	4	24	24
ABRIL	4	6	6	6	8	8	7	7	6	3	3	2	3	3	2	7	8	13	8	9	7	7	13	12	8	26
MAYO	9	9	8	9	7	4	3	2	1	1	1	2	2	2	7	8	5	2	2	6	5	4	2	4	23	
JUNIO	3	3	3	3	3	4	2	1	1	1	2	2	1	1	2	4	3	4	3	4	3	4	3	2	13	
JULIO	1	2	3	1	3	2	2	1	1	1	1	1	1	1	4	3	4	7	5	4	6	8	4	8	23	
AGOSTO	4	5	2	3	2	2	2	3	1	1	1	1	1	4	3	4	7	5	4	6	8	4	8	8	23	
SEPTBRE.	8	8	7	7	7	6	5	3	1	1	1	1	1	4	2	3	5	5	9	7	10	9	7	5	24	
OCTUBRE	7	7	7	6	8	9	5	5	3	1	2	2	1	1	4	2	3	2	4	2	1	2	4	2	9	
NOVIEMBRE	4	4	7	11	5	9	6	2	2	3	1	2	3	2	3	1	2	1	2	1	2	2	3	3	24	
DIEMBRE	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	
SUMA ANUAL	54	62	59	62	54	58	42	31	18	12	9	12	19	25	29	27	39	38	37	35	42	47	48	52	227	

Frecuencia Horaria del Brillo Solar

MESES	Frecuencia a Pleno Sol												Frecuencia sin Sol												
	6-7	7-8	8-9	8-10	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	-	-	17	13	11	12	10	12	14	13	13	-	31	8	3	3	3	5	6	7	3	3	4	27	
FEBRERO	-	-	2	-	1	2	1	5	6	5	7	-	29	20	20	16	16	13	11	6	6	7	8	19	
MARZO	-	-	3	5	1	3	3	4	6	9	3	-	30	21	11	11	12	10	5	6	3	5	10	-27	
ABRIL	-	-	4	5	4	4	3	1	3	4	4	7	22	20	16	10	11	10	15	10	7	7	9	13	
MAYO	-	-	9	12	11	13	8	7	8	10	3	1	12	12	9	6	5	3	4	2	5	7	15	22	
JUNIO	-	-	4	8	9	7	11	9	8	9	3	4	14	12	10	7	5	7	6	6	5	6	15	16	
JULIO	-	-	8	15	14	8	12	8	9	8	3	5	7	13	9	9	5	2	4	4	4	5	4	8	14
AGOSTO	-	-	10	13	16	16	12	10	9	8	4	4	12	8	4	2	3	4	5	3	6	6	16	20	
SEPTBRE.	-	-	9	15	14	12	6	8	8	8	10	8	13	8	8	5	3	2	5	3	4	7	12	17	
OCTUBRE	-	-	4	9	9	7	6	5	8	8	3	5	22	11	10	9	7	10	10	13	7	8	12	17	
NOVIEMBRE	-	-	2	9	8	5	8	4	5	7	6	11	27	9	9	7	4	8	9	4	6	5	5	16	
DIEMBRE	-	-	14	12	9	4	5	6	9	9	4	-	31	2	1	3	2	3	1	2	1	3	2	28	
SUMA ANUAL	-	-	50	122	115	94	87	71	85	96	72	69	256	140	110	84	73	79	81	66	57	65	111	236	

S U S Σ	SUMAS HORARIAS DE BRILLO SOLAR												PRECIPITACION								
	6-7	7-8	8-9	8-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	7	14	20	SUMA MENSUAL	SUMA MENSUAL	MAXIMA	DIA		
ENERO	-	13.2	22.0	20.9	18.0	17.8	16.0	17.8	19.6	21.7	20.8	0.9	91.9	96.8	188.7	98.8	6	47.3	3		
FEBRERO	0.1	4.1	5.8	6.6	4.5	4.9	7.5	11.1	13.7	13.2	12.7	2.2	25.9	60.4	86.3	119.7	19	36.0	18		
MARZO	2.5	6.8	9.1	10.9	10.1	9.1	8.5	9.0	12.2	15.1	10.4	6.9	44.9	72.4	117.3	168.1	2.0	0.2	28		
ABRIL	7.3	14.1	17.3	19.1	18.0	17.0	17.1	19.3	15.8	11.5	6.6	4.3	92.8	74.6	167.4	175.2	22.1	70.7	23		
MAYO	5.5	9.7	12.8	17.2	15.4	17.3	14.9	14.4	16.4	13.1	9.4	5.3	77.9	73.5	151.4	178.7	42.2	118.8	29		
JUNIO	6.4	15.8	20.0	21.4	21.1	19.1	18.9	19.3	16.4	15.6	15.0	5.7	103.8	90.9	194.7	17.6	5.7	7.9	30.9		
AGOSTO	6.9	15.5	21.7	22.7	21.7	21.8	18.5	20.6	17.7	13.4	8.6	3.4	110.3	82.2	192.5	37.6	8.6	68.1	20		
SEPTIEMBRE	1.3	11.6	19.8	20.4	19.5	17.5	17.4	19.0	17.4	18.3	16.1	5.3	97.1	93.5	190.6	107.4	5.3	88.9	24		
OCTUBRE	0.3	12.3	15.3	16.1	13.7	12.5	12.2	14.4	13.7	14.3	10.3	2.7	72.0	65.6	137.6	197.1	26.1	7.8	231.0		
NOVIEMBRE	-	15.5	21.7	20.1	18.5	17.0	11.7	14.2	15.1	16.4	15.5	2.7	71.3	75.6	146.9	148.7	29.9	67.9	255.5		
DICIEMBRE	-	139.3	192.8	202.6	182.9	177.6	172.3	189.2	196.5	189.5	145.7	40.6	92.8	95.2	188.0	74.0	9.4	9.2	83.6		
SUMA ANUAL	34.0	139.3	192.8	202.6	182.9	177.6	172.3	189.2	196.5	189.5	145.7	40.6	929.2	942.8	1872.0	1358.2	256.5	476.7	2093.4	215	614.6

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	5.8	7.8	25.4	39.6	8.7	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	98.8			
FEBRERO	6.3	2.2	19.3	23.1	23.5	2.3	5.7	3.2	0.4	1.0	-	1.2	0.1	0.3	-	-	-	-	0.2	0.1	-	-	-	-	3.5	0.2	5.4	4.6	102.6
MARZO	10.5	34.1	39.4	4.3	4.0	7.3	19.2	3.4	-	0.2	0.4	-	-	-	-	-	-	-	0.2	0.2	30.7	3.5	15.4	170.8	-	-	-	-	
ABRIL	28.0	16.0	14.4	30.4	20.8	17.5	17.7	8.7	4.9	1.2	0.5	0.4	3.8	4.6	17.2	12.0	2.9	35.0	1.2	1.1	2.5	2.5	26.6	270.3	-	-	-	-	
MAYO	3.6	29.4	19.1	12.2	4.7	8.2	8.8	23.1	2.9	2.3	0.1	-	9.7	4.1	13.5	44.4	18.8	20.7	8.4	14.1	55.3	18.4	2.1	336.9	-	-	-	-	
JUNIO	16.9	17.9	13.6	5.5	1.2	2.1	0.2	0.9	0.7	0.2	2.0	2.5	35.6	57.1	9.9	7.4	2.3	0.9	9.6	1.7	1.5	1.2	5.0	196.8	-	-	-	-	
JULIO	1.0	0.4	0.8	0.5	0.3	1.0	3.2	1.7	0.7	-	-	3.3	-	-	1.4	0.2	2.1	0.8	2.4	1.0	1.0	6.2	2.0	1.2	31.2	-	-	-	-
AGOSTO	4.4	2.5	0.2	0.6	0.2	3.4	0.4	1.1	1.2	-	-	4.3	-	-	2.0	0.7	42.8	7.6	9.2	0.9	7.5	10.2	3.4	4.4	9.5	115.9	-	-	-
SEPTIEMBRE	3.2	3.1	11.9	5.5	18.1	6.9	3.9	0.3	-	-	-	0.5	4.5	12.6	28.7	11.8	1.7	17.0	17.1	23.5	14.2	10.0	5.5	200.0	-	-	-	-	
OCTUBRE	12.5	26.7	41.3	27.7	5.8	13.5	31.0	15.7	6.8	0.1	-	1.7	0.8	1.0	3.7	0.7	0.4	1.9	0.7	0.4	3.7	14.0	6.0	14.9	231.0	-	-	-	-
NOVIEMBRE	2.9	4.7	38.6	51.2	8.0	14.1	15.7	15.8	3.3	2.7	1.4	2.8	3.4	0.5	33.0	20.5	0.2	8.2	5.7	0.3	1.7	0.4	6.5	4.9	246.5	-	-	-	-
DICIEMBRE	1.0	37.9	14.4	23.0	-	0.5	0.1	6.6	1.9	0.5	-	-	-	0.4	0.1	-	-	0.2	4.5	4.4	-	-	-	-	92.6	-	-	-	-
SUMA ANUAL	96.1	178.7	238.4	223.6	95.3	77.3	106.1	78.5	20.8	8.2	4.4	16.2	53.9	74.5	92.1	156.1	51.4	81.4	47.6	50.1	60.7	129.3	63.0	89.7	2.093.4	-	-	-	-

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: L. A. F. L. O. R. E. S. T. A.

Año 1.968

MESES	TOTAL			No. PRECIPITACIONES		CANTIDAD		DURACION				PRECIPITACION MAXIMA				DURACION MAXIMA				
	m. m.	Días	Noche	Día	Noche	Total	Noche	Día	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. (cate.)
Enero	98.8	6	10	13	7.9	90.9	12:20'	1:35'	12:20'	13:55'	39.2	4:05'	0.16	5.1	1.0	4:05'	39.2	0.16	5.1	1.0
Febrero	119.7	19	11	26	6.5	113.2	28:15'	7:05'	28:15'	35:20'	35.8	4:10'	0.14	8.5	1.7	4:10'	35.8	0.14	8.5	1.7
Marzo	153.7	12	6	23	2.2	151.5	28:15'	2:40'	28:15'	30:55'	39.3	1:45'	0.37	10.2	2.0	5:10'	21.1	0.07	2.0	0.4
Abril	270.3	23	29	54	84.1	186.2	44:05'	23:45'	44:05'	67:50'	45.5	2:25'	0.31	9.7	1.9	7:00'	42.9	0.10	4.0	0.4
Mayo	337.0	28	29	65	170.7	166.3	66:35'	36:05'	66:35'	102:40'	52.1	7:35'	0.11	6.0	1.2	9:10'	12.2	0.02	1.0	0.2
Junio	197.0	21	25	46	125.3	71.7	23:00'	23:50'	23:00'	46:50'	54.4	7:10'	0.13	4.0	0.8	7:10'	54.4	0.13	4.0	0.8
Julio	30.9	12	14	30	11.2	19.7	14:20'	6:40'	14:20'	21:00'	5.5	3:00'	0.03	0.4	0.1	3:00'	5.5	0.03	0.4	0.1
Agosto	117.8	20	24	53	70.0	47.8	37:55'	15:20'	37:55'	53:15'	30.4	1:00'	0.51	8.6	1.7	5:05'	8.9	0.03	0.6	0.1
Septbre.	198.1	24	21	30	89.5	108.6	48:55'	21:00'	48:55'	69:55'	39.1	1:20'	0.49	7.2	1.4	7:15'	14.0	0.03	2.1	0.4
Octbre.	231.0	21	19	37	31.7	199.3	42:45'	13:05'	42:45'	55:50'	77.2	5:20'	0.24	9.5	1.9	5:20'	77.2	0.24	9.5	1.9
Novbre.	255.5	23	15	33	105.2	150.3	39:45'	14:25'	39:45'	54:10'	52.5	1:30'	0.58	10.2	2.0	5:10'	39.9	0.13	5.0	1.0
Dicbre.	83.6	6	4	9	18.6	65.0	4:45'	4:35'	4:45'	9:20'	62.4	3:00'	0.35	9.6	1.9	3:00'	62.4	0.35	9.6	1.9
TOTALES	2.093.4	215	200	291	722.9	1370.5	390:55'	170:05'	390:55'	568:00'	533.4	42:20'	XX	XX	XX	64:35'	413.5	XX	XX	XX

AÑO 1.968

ESTACION Tolombé (El Dolario) Antioquia

ALTURA 1.680

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	6.4	0.4	---	0.8	34.6	11.2	0.2	7.8	35.0	15.0	3.5	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	1.0	---	---	0.8	---	0.2	0.1	0.2	6.2	59.6	---	---
13	---	0.2	---	0.6	48.7	0.4	1.8	---	31.3	3.8	10.6	2.0
14	24.4	---	---	5.9	1.1	6.6	---	---	14.4	7.8	0.2	2.6
15	---	---	---	---	---	---	---	---	---	---	---	---
16	4.0	14.7	---	2.2	2.5	9.6	35.7	23.5	12.9	2.3	1.1	6.1
17	---	6.0	0.8	0.7	5.1	2.0	30.3	10.1	---	19.5	0.3	---
18	---	0.9	---	---	---	---	8.8	6.0	---	51.2	---	---
19	---	---	37.3	---	2.7	5.8	4.3	0.8	10.1	5.0	11.3	---
20	---	20.2	6.3	---	---	---	24.7	101.9	---	20.9	29.5	11.8
21	---	6.3	6.3	---	5.3	1.7	7.5	---	12.3	---	24.4	0.2
22	22.6	0.7	4.6	0.1	2.8	3.0	16.2	18.1	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Suma	---	---	---	---	---	---	---	---	---	---	---	---
Mensual	58.4	49.4	131.3	211.2	410.3	329.2	284.5	385.6	390.1	380.0	189.7	61.4
Días Lluviosos	5	8	12	21	22	27	20	27	25	24	21	11
TOTAL DEL AÑO 2.681.1 m.m.												
TOTAL DEL AÑO 2.216.9 m.m.												

AÑO 1.958

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

ESTACION : EL DELINIRO

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	2	-	-	1	-	-	-	1	1	3	3	1	1	1	-	-	-	1	1	1	1	1	8
FEBRERO	-	-	-	2	4	3	3	-	1	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-	6
MARZO	2	4	2	3	4	4	2	1	-	1	-	1	1	1	1	1	1	1	3	4	2	1	3	3	11
ABRIL	2	3	5	6	4	6	6	5	3	1	1	1	1	3	5	5	5	7	5	6	4	3	3	3	21
MAYO	8	11	10	10	11	12	9	3	3	3	2	2	1	2	4	6	7	8	5	8	8	7	7	7	25
JUNIO	13	13	9	8	10	7	5	7	5	5	2	1	-	1	3	4	7	5	6	8	3	6	9	12	26
JULIO	11	16	11	11	11	8	6	-	2	-	-	-	-	-	-	-	-	1	2	2	6	6	4	5	23
AGOSTO	13	16	14	14	15	12	8	6	4	2	2	1	-	1	1	1	1	3	3	6	6	9	9	9	25
SEPTBRE.	10	15	14	12	12	12	11	5	3	1	-	-	-	1	1	4	5	7	6	8	7	11	23	71	
OCTUBRE	9	10	10	11	9	6	6	3	5	3	2	3	2	1	3	5	4	6	4	8	8	5	6	6	27
NOVIEMBRE	7	7	7	6	7	6	4	3	4	2	3	1	3	4	2	5	6	6	3	7	4	3	4	7	22
DICIEMBRE	-	-	2	6	4	1	2	1	-	1	2	3	1	1	2	-	1	2	1	1	2	2	1	-	12
SUMA ANUAL	77	97	86	89	91	78	62	34	30	20	17	14	13	18	18	25	33	37	41	54	44	53	54	64	229

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	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	27-28	28-29	29-30	30-31	
ENERO	1	1	7	11	14	14	14	19	19	18	16	10	-	22	10	4	5	5	2	3	4	4	4	2	5	18
FEBRERO	-	4	4	6	5	5	9	6	8	6	6	6	-	24	12	5	6	6	6	5	6	1	3	4	19	4
MARZO	-	-	7	8	7	11	9	9	6	7	1	1	-	30	18	9	3	2	2	3	3	7	6	13	29	6
ABRIL	-	2	5	4	3	5	5	5	9	5	-	-	-	24	15	11	7	4	5	4	5	5	9	15	28	5
MAYO	-	6	9	12	15	20	18	20	15	10	2	-	-	20	9	6	4	5	5	5	1	2	6	14	25	6
JUNIO	-	2	6	10	16	20	18	20	15	9	6	-	-	26	13	12	9	6	4	3	3	5	6	9	20	9
JULIO	-	6	11	17	20	25	21	26	25	17	13	1	1	22	13	5	2	2	1	-	-	-	1	4	9	
AGOSTO	-	5	9	13	20	26	25	25	22	19	9	-	-	20	9	6	3	4	1	2	1	1	1	1	9	13
SEPTBRE.	-	4	9	10	13	17	17	20	19	14	3	-	-	21	12	7	8	3	3	2	-	2	5	10	20	5
OCTUBRE	-	1	7	7	12	12	13	13	9	11	9	-	-	25	18	10	4	7	4	7	8	8	5	10	19	12
NOVIEMBRE	-	-	7	12	10	12	12	12	11	6	-	-	-	26	10	10	6	4	4	5	3	4	5	9	12	21
DICIEMBRE	-	3	6	6	7	15	12	13	17	10	9	-	-	23	7	5	7	6	-	1	1	4	1	3	4	17
SUMA ANUAL	1	34	87	116	142	182	178	188	174	132	72	1	1	283	146	90	64	54	36	38	36	40	59	109	230	

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: B i D e l i r i o

Año 1.968.

MESES	TOTAL		No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA				DURACION MAXIMA					
	m. m.	Días	Día	Noche	Total	Noche	Día	Noche	Total	m. m.	Durec.	Int. Med.	Int. Max. 5/m.	Int. Max. 7/m.	h. min.	m. m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (cañ.)
Enero	58.4	5	5	8	29.2	29.2	4:35'	5:50'	10:25'	23.0	2:05'	0.18	4.2	0.8	2:20'	22.0	0.16	5.0	1.0
Febrero	49.4	8	7	6	8.0	41.4	4:25'	8:25'	12:50'	20.2	3:20'	0.10	2.0	0.4	3:20'	20.2	0.10	2.0	0.4
Marzo	131.3	12	9	13	24.1	107.2	8:40'	23:55'	32:35'	36.5	8:35'	0.07	2.5	0.5	8:35'	36.5	0.07	2.5	0.5
Abril	211.2	21	26	19	45	106.5	29:20'	28:20'	57:40'	67.5	8:15'	0.14	10.0	2.0	8:15'	67.5	0.14	10.0	2.0
Mayo	410.3	22	23	39	62	321.1	22:40'	90:15'	112:55'	65.8	10:40'	0.10	7.0	1.4	10:55'	35.7	0.05	4.0	0.8
Junio	329.2	27	36	41	77	214.9	24:40'	65:40'	90:20'	44.4	5:05'	0.14	5.3	1.1	12:25'	26.6	0.04	1.5	0.3
Julio	284.5	20	4	32	36	280.8	1:20'	68:30'	69:50'	101.9	8:45'	0.19	10.0	2.0	8:45'	101.9	0.19	10.0	2.0
Agosto	385.6	27	15	46	61	337.3	9:55'	96:35'	106:30'	37.9	7:30'	0.08	6.0	1.2	8:00'	20.9	0.04	0.7	0.1
Septbre.	390.1	25	14	46	60	368.3	10:40'	93:10'	103:50'	63.4	6:00'	0.18	7.5	1.5	8:15'	28.4	0.06	1.7	0.3
Octbre.	380.0	24	20	38	58	290.2	27:20'	63:40'	91:00'	59.4	10:40'	0.09	7.5	1.5	10:40'	59.4	0.09	7.5	1.5
Novbre.	189.7	21	30	26	56	121.4	26:15'	40:40'	65:55'	24.1	3:25'	0.12	4.0	0.8	7:35'	18.2	0.04	1.0	0.2
Dicbre.	61.4	11	11	13	24	22.3	7:15'	9:40'	16:55'	24.2	1:15'	0.32	6.1	1.2	1:45'	3.5	0.03	0.8	0.2
TOTALES	2881.1	223	200	327	527	640.5	177:05'	594:40'	771:45'	568.3	75:35'	XX	XX	XX	90:50'	440.8	XX	XX	XX

BRILLO SOLAR DIARIO

AÑO 1.968

PRECIPITACION DIARIA

ESTACION Jacopí - Cudimamaros

		ALTURA 1.350 m.																						
DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.
1	—	24.0	—	2.0	—	10.9	7.9	10.2	18.2	22.1	—	0.4	10.0	1.8	5.4	1.5	2.9	2.5	1.6	3.5	6.0	6.3	7.3	3.2
2	—	7.8	16.2	30.3	—	17.6	6.8	10.2	11.3	0.8	—	4.8	8.8	1.4	4.0	4.6	7.1	2.2	5.2	5.6	2.0	2.4	4.3	8.5
3	—	15.2	2.4	29.5	—	0.9	16.1	28.6	14.5	1.9	—	—	10.5	0.2	5.5	6.2	7.4	7.5	7.4	4.5	7.4	6.9	6.2	8.5
4	—	—	—	—	—	31.5	—	—	—	—	—	—	8.6	4.4	4.8	3.4	8.1	0.6	7.3	5.0	8.2	6.8	4.5	7.9
5	—	—	—	—	—	34.6	—	—	—	—	—	—	5.3	8.6	7.1	4.5	8.2	0.8	5.1	3.4	8.1	4.6	4.5	6.9
6	8.3	—	—	—	—	38.9	18.2	0.1	—	—	—	—	5.5	4.9	8.9	5.6	5.3	2.6	6.1	4.2	10.0	7.2	4.5	6.9
7	—	—	—	—	—	0.1	61.3	29.6	—	—	—	—	7.1	5.6	4.9	6.1	2.8	8.3	10.6	1.2	4.2	4.6	5.8	7.0
8	10.3	1.0	—	—	—	69.1	11.0	18.4	—	—	—	—	7.1	2.7	2.5	2.6	3.1	6.6	10.6	7.5	5.8	2.3	8.0	6.0
9	26.1	7.0	3.3	30.5	68.7	33.0	0.4	—	—	—	—	—	6.9	1.1	4.9	6.2	6.3	7.9	8.1	8.3	6.2	0.9	5.2	6.3
10	7.6	—	—	—	—	0.5	—	—	—	—	—	—	7.0	3.2	5.0	0.6	5.6	7.6	4.9	10.2	4.5	7.7	9.6	4.7
11	—	—	—	—	—	0.5	—	—	—	—	—	—	5.1	6.6	4.5	6.1	6.6	4.3	9.4	4.0	3.4	6.1	7.4	5.2
12	0.4	—	—	—	—	1.7	—	—	—	—	—	—	5.2	5.7	4.9	2.9	6.5	3.2	6.6	10.1	5.3	5.1	4.2	4.7
13	—	—	—	—	—	0.2	4.2	14.7	—	—	—	—	4.0	4.9	6.4	1.8	3.9	8.3	8.3	7.1	7.1	5.2	5.8	7.0
14	23.6	—	—	—	—	23.3	5.3	35.3	0.2	—	—	—	2.7	5.2	4.0	0.8	8.4	6.8	7.1	6.5	3.3	5.7	2.7	4.9
15	0.2	—	—	—	—	5.8	3.4	46.5	2.2	—	—	—	5.2	5.7	5.5	5.6	4.6	7.7	6.7	6.7	3.9	4.7	0.2	5.0
16	0.2	—	—	—	—	16.0	0.8	—	—	—	—	—	7.0	5.4	4.0	1.7	8.1	4.8	3.4	6.4	6.0	4.8	6.6	6.2
17	—	—	—	—	—	0.7	2.1	21.1	—	—	—	—	6.3	3.3	—	—	—	7.7	6.1	2.9	3.4	7.8	5.4	6.1
18	21.1	33.2	1.5	—	—	2.0	7.1	6.5	19.6	—	—	—	7.4	6.8	4.2	4.4	0.7	4.5	5.5	9.0	5.1	7.6	4.8	8.0
19	0.1	0.8	—	—	—	0.2	11.1	5.4	2.6	—	—	—	6.6	3.9	3.4	3.6	6.6	6.7	5.6	8.3	6.2	4.4	5.5	5.9
20	—	—	—	—	—	1.6	2.8	3.2	—	—	—	—	6.2	4.4	3.4	4.7	5.0	7.6	2.6	7.2	5.9	2.9	4.0	7.2
21	—	—	—	—	—	10.3	10.7	16.7	33.5	—	—	—	4.6	6.8	4.9	5.5	3.8	5.3	5.2	4.2	4.5	5.5	4.5	6.2
22	5.0	—	—	—	—	2.2	7.2	6.1	2.0	—	—	—	1.6	4.4	3.5	2.3	5.5	2.7	5.8	9.8	4.3	0.1	3.4	6.7
23	39.1	14.8	0.3	4.5	—	0.1	—	—	—	—	—	—	3.2	3.5	4.2	5.3	4.1	2.2	6.1	4.4	6.8	7.0	1.2	6.7
24	4.3	3.1	0.3	22.1	—	—	—	—	—	—	—	—	2.9	4.7	0.4	2.7	7.7	10.3	8.4	8.5	6.0	5.2	4.1	7.5
25	0.6	—	—	—	—	0.8	16.1	41.5	—	—	—	—	8.9	5.0	5.9	5.2	6.1	1.7	8.2	2.4	3.4	5.0	2.3	8.2
26	—	—	—	—	—	28.8	1.3	1.1	1.6	0.2	—	—	6.5	4.3	—	—	6.2	0.6	7.0	3.8	6.8	3.0	2.1	7.6
27	—	—	—	—	—	1.7	—	—	—	—	—	—	4.5	4.1	—	—	—	9.2	9.2	2.8	2.4	1.1	4.3	6.6
28	—	—	—	—	—	0.9	—	—	—	—	—	—	1.8	3.4	5.8	4.3	6.4	2.9	10.5	1.8	5.4	2.9	6.4	2.7
29	12.6	21.9	1.4	0.9	3.7	3.3	—	—	—	—	—	—	1.8	3.5	3.1	5.2	6.4	3.6	7.9	6.8	7.5	2.9	6.4	7.5
30	10.1	—	—	—	—	14.3	4.2	6.1	—	—	—	—	6.0	—	—	—	—	4.5	5.9	4.3	4.2	1.1	7.6	7.2
31	—	—	—	—	—	16.4	—	0.1	—	—	—	—	3.0	—	—	—	—	2.1	2.1	0.7	6.2	—	—	7.8
Suma Mensual	171.3	153.7	123.5	463.1	363.4	214.3	120.4	207.4	245.0	322.6	197.1	186.3	176.4	126.2	137.0	124.1	160.8	149.3	200.3	176.6	168.7	136.7	157.9	197.7
Días Lluviosos	16	17	21	28	23	23	20	19	25	27	20	17	TOTAL DEL AÑO 2.788.1 m.m.										TOTAL DEL AÑO 1.911.7 m.m.	

Año 1-968

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

ESTACION: YACOPI

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	5	2	2	3	4	3	3	3	2	-	-	-	1	-	3	6	6	4	3	1	3	3	3	17
FEBRERO	1	4	7	6	6	7	7	5	4	1	1	1	2	-	-	-	1	1	-	1	3	4	4	4	17
MARZO	4	4	3	1	3	5	2	-	-	-	-	-	1	1	1	-	4	6	5	5	3	5	3	20	
ABRIL	8	13	12	12	7	8	5	6	5	2	2	2	1	3	5	5	6	11	8	7	8	11	12	12	28
MAYO	9	8	7	7	3	5	3	3	2	2	1	-	3	4	7	8	8	8	6	8	10	9	9	10	23
JUNIO	5	6	5	4	6	5	4	1	-	-	2	1	4	4	7	7	9	7	6	7	5	7	6	9	22
JULIO	3	1	4	2	2	1	1	-	-	-	-	-	2	3	5	4	7	7	6	4	6	4	3	3	21
AGOSTO	2	-	2	3	2	-	1	1	-	-	-	1	1	3	5	6	10	10	6	3	1	2	1	2	18
SEPTIEMBRE	7	10	9	8	7	6	4	3	1	-	-	-	-	3	5	6	9	6	4	6	10	10	10	9	26
OCTUBRE	9	10	9	9	6	3	1	2	1	1	-	1	2	2	5	3	6	5	2	9	9	9	13	11	29
NOVIEMBRE	1	4	6	5	5	3	2	3	4	2	1	1	1	1	1	1	2	2	5	6	4	3	4	4	24
DICIEMBRE	5	3	1	1	1	2	2	1	2	-	-	-	1	-	1	2	4	4	1	1	3	7	5	5	21
SUMA ANUAL	57	68	67	60	51	49	35	30	23	10	7	6	18	25	43	49	72	69	50	58	66	71	76	76	266

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	9	9	7	9	5	5	4	-	30	11	10	6	3	2	2	3	3	3	8	21	
FEBRERO	-	-	-	5	7	7	8	9	5	-	1	-	29	28	13	10	6	1	2	2	5	9	12	23	
MARZO	-	2	4	6	6	9	7	5	5	1	1	-	29	22	15	4	2	3	4	4	5	6	19	29	
ABRIL	-	-	6	6	7	3	6	4	3	4	1	-	27	16	13	7	6	7	3	5	7	14	19	23	
MAYO	-	-	7	14	12	11	6	5	2	4	1	-	26	17	9	3	3	3	3	3	3	7	12	13	19
JUNIO	-	5	10	10	10	7	5	5	3	5	2	1	19	10	7	2	4	2	5	5	8	13	13	17	
JULIO	-	6	10	16	12	7	7	9	9	2	5	-	14	11	4	2	-	1	1	1	1	7	14	17	
AGOSTO	-	7	11	15	12	5	9	7	6	5	6	-	15	10	5	3	4	3	4	3	7	7	15	17	
SEPTIEMBRE	-	5	9	11	12	11	4	4	3	1	1	-	21	11	4	3	3	2	2	2	4	4	14	19	
OCTUBRE	-	4	3	9	5	3	6	6	8	8	5	-	31	19	13	9	5	5	5	6	7	7	12	18	
NOVIEMBRE	-	1	5	6	8	7	12	8	8	4	5	-	29	15	11	8	5	3	5	3	6	9	9	17	
DICIEMBRE	-	4	10	7	7	10	16	16	5	5	-	-	31	11	4	4	-	1	1	-	1	1	2	6	14
SUMA ANUAL	-	30	78	112	112	88	83	87	71	44	37	1	301	181	108	61	43	32	37	57	90	154	234	234	

DIA	SUMAS HORARIAS DE BRILLO SOLAR												PRECIPITACION									
	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	DIAS LLUVIOSOS	WIND mm	DIA				
ENERO	0.1	9.9	13.7	18.5	18.6	21.6	21.6	21.1	20.3	15.6	12.2	3.2	82.4	94.0	176.4	95.7	2.5	73.3	171.3	16	39.1	23
FEBRERO	0.1	1.5	5.4	12.3	16.2	18.7	19.5	18.4	15.5	10.5	6.4	1.7	54.2	72.0	126.2	103.1	22.0	1.6	153.7	17	33.5	18
MARZO	0.3	4.1	8.5	15.9	21.0	20.4	19.5	16.1	15.2	10.6	5.1	0.3	70.2	66.8	137.0	89.7	4.9	55.9	123.5	21	28.8	26
ABRIL	0.6	6.2	10.9	13.3	18.2	15.1	18.1	13.4	13.3	8.1	5.2	1.7	64.3	59.8	124.1	253.1	30.7	175.1	463.1	28	69.1	8
MAYO	2.6	6.8	16.0	21.2	22.7	21.7	18.5	16.6	11.9	10.2	8.4	4.2	91.0	69.8	160.8	142.9	21.2	223.5	383.4	23	62.7	9
JUNIO	4.2	10.3	17.1	18.0	18.2	18.4	14.8	14.2	12.4	10.4	6.6	4.7	86.2	63.1	149.3	106.2	21.2	80.9	214.3	23	34.6	5
JULIO	6.9	13.0	20.5	23.8	22.2	22.5	17.8	20.6	20.0	13.9	12.8	6.3	108.9	91.4	200.3	34.6	1.6	90.2	120.4	20	33.5	5
AGOSTO	3.1	12.7	19.4	22.9	21.4	19.0	16.2	17.9	14.5	13.4	11.4	4.7	98.5	78.1	176.6	21.8	9.8	175.8	207.4	19	38.1	29
SEPTIEMBRE	2.2	12.0	17.4	21.0	22.2	21.7	17.3	17.7	13.8	12.2	7.7	3.5	96.5	72.2	168.7	112.8	4.0	127.6	245.0	25	32.5	22
OCTUBRE	-	3.8	10.3	14.4	16.7	15.1	16.0	16.0	14.8	13.5	11.3	4.6	60.5	76.2	136.7	251.4	13.1	58.7	322.6	27	48.5	28
NOVIEMBRE	0.1	7.6	11.7	16.1	18.1	20.3	19.3	18.8	17.8	13.3	11.0	3.8	73.9	84.0	157.9	146.7	12.9	37.5	197.1	20	56.3	22
DICIEMBRE	-	7.7	13.7	18.0	22.8	23.7	23.3	24.3	26.0	16.6	13.8	5.8	87.9	109.8	197.7	166.5	2.4	17.4	186.3	17	38.0	14
SUMA ANUAL	20.2	95.6	166.6	215.4	238.3	238.4	221.9	215.1	195.5	148.3	111.9	44.5	974.5	937.2	1911.7	1524.5	146.3	1117.5	2788.1	256	514.7	-

SUMAS HORARIAS DE LA PRECIPITACION

MESES	SUMAS HORARIAS DE LA PRECIPITACION																								TOTAL	
	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		
ENERO	0.3	2.7	10.0	17.7	22.4	0.8	8.6	1.1	0.7	0.6	-	-	-	0.1	-	-	1.6	40.9	16.2	2.1	12.5	6.7	2.9	22.2	1.4	171.5
FEBRERO	1.5	1.0	5.3	5.2	8.1	22.1	22.6	12.4	5.5	3.2	0.3	0.2	0.4	-	-	-	-	0.1	0.7	-	0.8	1.0	14.5	40.0	7.8	152.7
MARZO	1.5	1.2	0.7	0.2	12.4	10.9	5.9	3.3	-	-	-	-	1.4	0.2	0.3	-	21.0	12.9	17.9	3.8	22.1	1.2	1.2	6.4	124.5	-
ABRIL	16.4	19.1	14.5	13.2	11.7	14.1	8.9	7.4	3.0	0.8	0.3	3.3	0.6	15.3	18.6	9.4	76.4	44.0	19.1	7.6	14.8	43.3	54.4	46.7	462.9	-
MAYO	6.9	7.3	9.1	10.0	4.4	4.8	15.2	2.4	0.5	0.2	0.1	-	12.4	5.6	35.2	107.0	44.7	22.4	5.5	8.7	5.3	16.0	40.5	19.4	383.6	-
JUNIO	7.1	4.6	7.3	26.3	19.9	6.0	3.3	0.1	-	-	-	0.3	2.6	15.9	6.8	41.2	16.4	8.3	3.9	4.3	9.2	11.6	7.2	7.9	212.5	-
JULIO	1.2	0.1	6.6	5.3	1.1	2.5	0.1	-	-	-	-	0.6	1.0	3.1	32.2	7.2	21.4	23.4	2.9	3.9	6.6	1.1	1.9	122.2	-	
AGOSTO	0.3	-	2.9	8.2	0.2	-	-	1.7	2.2	-	-	0.7	1.0	4.2	56.3	7.4	82.5	25.6	3.8	0.2	1.0	0.2	6.8	2.2	207.4	-
SEPTIEMBRE	6.3	11.1	14.7	8.0	6.3	13.1	5.0	2.8	0.1	-	-	1.1	2.5	48.2	23.5	12.3	3.9	37.2	22.4	11.2	8.4	6.3	244.4	-	-	
OCTUBRE	15.6	9.7	28.6	21.2	4.3	0.6	0.1	1.7	0.2	0.1	-	0.7	3.2	7.2	4.1	3.9	31.5	5.2	2.6	11.4	21.6	41.5	47.9	60.3	323.2	-
NOVIEMBRE	0.1	14.7	28.2	26.8	9.8	8.7	5.3	3.0	3.4	4.2	0.7	-	0.1	1.5	0.2	2.6	2.6	1.5	16.9	13.7	39.6	6.5	6.1	0.9	197.1	-
DICIEMBRE	2.4	0.6	4.1	0.3	8.1	16.1	2.8	1.8	0.5	-	-	-	0.1	-	0.1	-	4.2	10.1	2.4	0.1	0.5	50.0	38.4	38.7	5.0	186.3
SUMA ANUAL	59.6	72.1	132.0	142.4	108.7	99.7	77.8	37.7	16.1	9.1	3.7	5.2	22.4	52.1	127.2	257.7	356.9	172.9	99.2	103.6	197.6	193.9	274.5	166.2	2788.3	-

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Año 1-968

Estación: Y o o p i

MESES	TOTAL		No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA				DURACION MAXIMA					
	m. m.	Días	Días	Noche	Total	Noche	Día	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	171.3	16	18	15	69.7	101.6	15:15'	21:20'	36:35'	30.8	3:20'	0.15	4.0	0.8	4:10'	9.8	0.04	2.0	0.4
Febrero	153.7	17	11	29	41.5	112.2	13:30'	32:00'	45:30'	33.4	3:25'	0.16	6.4	1.3	4:15'	6.7	0.03	0.7	0.1
Marzo	123.5	21	16	25	41	66.4	12:05'	23:05'	35:10'	28.8	3:15'	0.15	4.5	0.9	3:55'	16.2	0.07	3.0	0.6
Abril	463.1	28	28	44	72	281.2	34:40'	85:55'	120:35'	64.7	3:40'	0.29	8.0	1.6	12:55'	30.5	0.39	2.5	0.5
Mayo	383.4	23	41	38	79	249.9	39:05'	50:55'	90:00'	40.3	1:05'	0.62	10.2	2.0	7:30'	27.0	0.06	1.5	0.3
Junio	214.3	23	33	26	59	129.2	40:45'	37:35'	78:20'	32.9	2:05'	0.26	6.3	1.3	13:10'	30.2	0.04	2.0	0.4
Julio	120.4	20	24	18	42	93.4	22:00'	14:45'	36:45'	32.3	1:40'	0.32	10.5	2.1	4:30'	18.2	0.07	2.5	0.5
Agosto	207.4	19	26	14	40	185.6	25:55'	8:50'	34:45'	33.5	2:10'	0.26	5.1	1.0	2:10'	33.5	0.26	5.1	1.0
Septbre.	245.0	25	23	38	61	123.6	34:25'	55:20'	89:45'	32.5	1:25'	0.38	7.8	1.6	12:40'	27.3	0.04	0.6	0.1
Octbre.	322.6	27	25	35	60	71.1	21:30'	65:00'	86:30'	48.4	6:20'	0.13	7.5	1.5	8:55'	29.3	0.05	2.0	0.4
Novbre.	197.1	20	17	17	34	142.4	22:00'	25:10'	47:10'	50.7	4:00'	0.21	5.5	1.1	6:00'	12.7	0.04	0.5	0.1
Debre.	186.3	17	10	21	31	167.0	6:30'	21:35'	28:05'	38.0	2:05'	0.30	10.5	2.1	2:40'	26.8	0.17	4.5	0.9
TOTALES	2788.1	256	272	320	592	1277.0	287:40'	441:30'	729:10'	466.3	3:43:30'	XX	XX	XX	82:50'	268.2	XX	XX	XX

ESTACION Sta. Rosa de C. - El Jasmín- Risaraldá

ALTURA 1.670 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	-	86.5	1.2	-	-	10.6	3.5	0.9	25.5	3.0	-	11.9
2	-	3.1	3.0	0.6	17.0	0.6	18.7	6.5	13.5	0.0	-	-
3	-	5.8	1.4	0.8	-	0.4	13.2	-	15.7	0.7	-	-
4	-	-	0.3	0.5	0.8	1.3	0.8	11.6	5.2	5.2	0.7	17.6
5	-	-	-	-	3.2	19.4	-	7.4	13.9	1.8	0.7	0.8
6	-	7.9	-	46.0	29.8	3.0	13.6	1.8	7.5	-	-	-
7	4.4	-	0.4	28.0	10.0	-	0.1	0.7	18.2	19.4	0.4	-
8	-	2.9	0.1	0.2	10.1	35.6	-	1.4	2.2	11.0	1.8	0.1
9	-	1.2	0.7	22.2	8.0	0.2	0.1	-	0.1	33.3	7.7	1.2
10	-	-	18.5	3.1	16.6	15.0	-	-	0.4	-	-	6.2
11	-	-	3.8	19.8	4.9	16.4	-	-	19.8	7.4	24.8	-
12	0.2	19.0	-	1.4	6.5	34.5	0.1	-	0.3	29.4	4.8	-
13	1.2	-	0.1	11.3	1.2	0.4	-	-	7.0	6.2	1.7	28.5
14	0.1	-	12.1	3.7	0.8	-	-	-	1.0	33.8	32.9	-
15	-	-	1.9	55.7	-	8.0	3.7	-	2.2	21.6	4.8	0.1
16	-	-	7.6	1.9	-	8.5	24.8	4.7	23.6	4.8	0.5	-
17	10.9	-	2.6	2.4	0.1	6.9	-	18.7	18.4	6.7	46.8	-
18	-	18.0	9.4	9.8	0.1	0.7	0.1	29.1	-	0.3	30.3	1.4
19	-	13.9	-	-	8.5	2.0	29.1	-	0.3	16.3	7.0	-
20	2.4	1.1	-	0.7	7.7	-	8.7	-	18.7	13.6	11.7	1.2
21	2.5	19.4	0.6	4.3	1.8	23.9	4.5	-	-	0.5	15.2	-
22	31.8	14.8	-	4.8	-	10.7	7.2	-	-	11.0	2.7	6.5
23	8.8	-	0.8	3.0	0.6	1.8	0.8	3.0	0.5	-	-	-
24	12.1	-	34.5	3.2	1.4	5.8	-	0.5	-	4.3	25.2	-
25	-	-	0.8	4.6	8.6	0.5	1.4	5.8	37.2	52.9	-	-
26	-	0.6	4.2	-	8.3	1.5	-	9.5	4.0	14.5	19.6	-
27	-	-	-	-	1.0	0.1	-	32.6	36.8	21.7	2.4	-
28	-	15.8	11.2	-	0.2	14.0	-	0.3	1.1	9.4	8.8	1.0
29	-	5.7	5.8	-	16.8	3.1	-	5.0	2.5	1.5	9.8	-
30	-	-	5.9	22.1	16.5	17.4	-	1.9	7.4	18.6	23.7	-
31	11.0	-	26.7	1.4	38.6	5.9	0.8	-	6.7	-	-	-
Suma Mensual	116.5	215.5	131.4	301.0	297.1	243.5	135.7	113.1	298.6	430.9	264.4	91.9
Días Lluviosos	12	15	24	25	26	26	18	18	26	28	23	13
Total de días lluviosos : 254												TOTAL DEL AÑO 2.632.6 m.m.
TOTAL DEL AÑO 1.781.6												

AÑO 1.968

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

ESTACION EL JARDIN

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	3	4	4	4	3	2	2	1	1	2	1	3	1	1	2	2	2	1	1	1	1	2	11
FEBRERO	5	5	9	8	5	3	2	3	2	3	1	1	1	1	1	1	2	2	3	2	4	5	4	2	18
MARZO	7	6	3	4	7	6	3	2	1	2	1	1	3	6	3	2	3	4	1	3	5	6	6	5	24
ABRIL	7	10	6	7	5	6	5	3	1	1	2	3	10	9	11	11	6	6	6	4	4	4	6	6	24
MAYO	3	5	7	7	3	2	1	4	5	1	2	6	14	12	10	6	2	3	6	3	2	2	1	2	26
JUNIO	5	6	6	10	10	8	6	5	2	3	3	7	9	11	6	4	5	6	3	2	3	3	5	4	25
JULIO	3	6	3	6	7	4	3	5	3	2	2	1	5	5	6	2	3	3	3	2	1	3	3	-	19
AGOSTO	3	4	3	5	4	2	2	3	4	1	3	4	6	6	6	2	3	3	3	2	1	3	2	1	17
SEPTBRE.	5	6	3	4	4	4	1	3	1	1	1	5	9	9	10	10	4	4	5	6	5	4	5	4	27
OCTUBRE	4	8	7	11	9	9	6	4	3	2	3	5	11	8	6	6	5	8	8	4	4	5	5	5	29
NOVIEMBRE	6	4	8	5	7	3	1	2	1	4	2	2	4	4	6	4	4	4	6	8	6	10	9	9	21
DICIEMBRE	3	4	4	5	4	4	2	2	1	1	1	1	2	3	1	4	4	2	2	1	1	1	1	2	17
SUMA ANUAL	53	66	63	75	69	53	38	38	26	23	15	29	52	78	72	58	50	45	43	38	34	45	48	42	258

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	12-18	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-8	8-10	10-11	11-12	12-13	13-14	14-15	14-15	15-16	16-17	17-18
ENERO	-	7	16	14	14	11	11	16	11	9	5	-	12	4	3	2	2	3	1	1	6	6	12	11	17
FEBRERO	-	2	7	7	8	5	5	8	9	2	-	-	17	6	5	5	3	4	5	3	5	4	4	9	18
MARZO	-	3	6	9	6	6	8	9	3	5	-	-	20	15	10	6	4	5	8	7	11	12	11	20	20
ABRIL	-	2	4	7	5	2	3	5	3	3	-	-	15	14	6	2	2	7	7	10	10	10	14	19	20
MAYO	-	4	6	8	5	4	3	5	2	1	2	-	17	11	10	5	5	5	8	9	14	18	14	19	19
JUNIO	-	4	6	4	3	2	6	5	10	5	4	1	14	14	8	7	4	8	11	5	9	11	11	11	17
JULIO	-	1	8	6	7	5	3	5	7	3	4	-	19	9	6	5	3	4	5	4	4	3	6	6	20
AGOSTO	-	7	12	10	8	7	5	3	5	2	2	-	13	13	6	5	8	10	9	9	7	5	10	17	
SEPTBRE.	-	3	8	7	6	7	4	5	3	3	1	-	23	11	6	4	3	3	7	9	11	10	12	22	
OCTUBRE	-	2	7	6	6	5	2	2	3	3	-	-	20	9	9	8	7	8	11	11	15	13	18	22	
NOVIEMBRE	-	-	4	3	2	2	3	9	6	1	1	-	21	10	9	7	5	3	3	6	11	14	16	23	
DICIEMBRE	-	2	12	11	3	5	10	7	5	6	3	-	15	4	2	3	3	4	4	2	9	6	10	22	
SUMA ANUAL	-	37	96	92	73	62	65	81	65	40	22	-	206	120	80	59	49	64	77	78	111	122	147	237	

SUMAS HORARIAS DE BRILLO SOLAR

PRECIPITACION

MES	SUMAS HORARIAS DE BRILLO SOLAR												PRECIPITACION								
	6-7	7-8	8-8	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	7	14	20	SUMA MENSUAL	SUMA MENSUAL	SOSIOS(ANT) SWID	LUXIMA m.m	DIA	
ENERO	4.1	18.5	24.1	23.8	23.8	21.0	23.0	17.3	14.1	10.4	3.8	61.2	38.0	8.2	117.1	89.6	206.7	116.5	12	33.1	25
FEBRERO	2.0	10.9	16.6	17.4	19.5	17.0	16.6	17.0	13.7	9.0	2.5	193.5	5.7	25.4	83.4	76.5	159.9	215.5	15	86.5	1
MARZO	2.2	8.3	14.0	18.0	17.4	16.9	17.0	13.5	11.7	10.1	2.8	68.7	13.3	22.7	76.6	72.0	148.6	131.4	24	26.7	31
ABRIL	3.7	8.1	13.5	17.4	17.0	12.1	13.6	12.1	10.0	6.1	5.0	207.2	58.4	62.1	71.8	51.4	123.2	301.0	25	55.7	15
MAYO	5.5	11.2	15.9	15.0	15.6	14.0	11.6	11.1	9.2	6.1	8.1	139.5	64.5	60.7	77.2	50.6	127.8	297.1	26	84.5	19
JUNIO	4.0	8.9	13.0	14.5	14.6	12.4	11.3	12.8	16.8	11.7	12.2	173.7	32.8	52.2	67.4	70.9	138.3	243.5	26	36.4	11
JULIO	3.4	10.8	18.2	18.9	18.0	16.5	14.5	16.7	18.1	15.3	12.1	109.1	28.9	14.9	85.8	81.5	167.3	135.7	18	29.1	19
AGOSTO	4.0	12.5	18.0	17.9	15.1	14.8	14.8	15.1	14.9	13.3	9.9	61.4	40.2	11.5	82.3	73.5	155.8	113.1	18	32.6	27
SEPTIEMBRE	2.9	9.2	15.0	15.6	17.2	17.4	13.6	13.0	11.2	11.0	9.5	125.0	58.7	109.1	77.3	60.8	138.1	298.6	26	39.8	11
OCTUBRE	2.3	10.5	14.1	16.1	15.4	13.9	10.9	9.3	9.9	8.8	6.7	271.0	61.9	103.8	72.3	48.5	120.8	430.9	28	52.9	25
NOVIEMBRE	2.1	8.6	13.2	15.5	13.9	12.7	14.9	15.1	10.6	6.1	5.2	186.1	23.8	48.4	66.0	53.8	119.8	264.4	23	46.6	18
DICIEMBRE	3.8	13.2	19.0	21.4	17.9	18.2	18.4	19.9	15.7	14.3	11.4	79.0	9.2	9.8	93.5	81.8	175.3	91.9	13	28.5	13
SUMA ANUAL	40.0	130.7	194.6	211.5	205.4	188.5	179.2	181.7	164.2	132.2	109.6	1675.4	435.4	528.8	970.7	810.9	1781.6	2639.6	254	552.4	-

SUMAS HORARIAS DE LA PRECIPITACION

MESES	SUMAS HORARIAS DE LA PRECIPITACION																								TOTAL
	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	
ENERO	1.1	4.7	3.2	12.1	2.5	1.5	8.3	34.2	1.2	1.8	0.1	-	0.6	0.1	1.8	0.3	1.7	4.4	-	-	-	-	0.6	21.3	7.5
FEBRERO	7.0	29.4	28.0	19.5	13.9	3.9	7.6	2.8	0.9	0.6	-	0.6	0.4	0.4	9.3	3.5	2.3	4.3	1.1	4.9	31.5	27.4	15.2	8.5	109.0
MARZO	15.4	3.5	3.4	2.8	6.0	10.2	2.6	10.3	1.1	0.4	-	0.1	0.1	1.3	6.0	6.7	1.6	2.2	4.5	1.7	1.7	5.6	3.6	39.6	130.4
ABRIL	7.1	18.4	25.1	44.2	18.8	5.0	4.2	0.8	-	0.1	-	3.5	22.1	31.9	15.3	13.2	13.2	4.8	9.6	6.0	10.3	7.0	16.7	28.7	302.0
MAYO	37.3	59.3	7.9	5.9	5.0	1.0	5.1	3.1	2.5	0.9	-	0.2	21.8	36.0	9.1	24.6	10.5	0.9	1.8	13.8	4.9	1.7	10.9	0.5	264.7
JUNIO	9.8	9.8	32.0	22.8	54.7	15.9	11.7	3.1	1.3	2.8	0.5	9.0	6.9	9.2	7.5	0.9	4.6	4.0	3.2	2.0	2.2	0.4	1.9	15.5	258.7
JULIO	7.0	9.4	21.1	38.9	11.9	8.2	11.5	16.0	1.2	1.2	0.4	1.7	5.4	3.0	5.5	-	4.7	3.0	1.3	0.4	-	0.1	1.0	-	152.9
AGOSTO	4.3	8.8	4.1	22.3	10.7	5.1	4.2	4.0	11.0	1.2	1.8	11.7	4.2	6.3	2.0	5.1	2.9	1.5	-	-	0.1	0.9	0.2	0.7	113.1
SEPTIEMBRE	27.1	7.2	5.6	3.0	11.7	1.6	0.9	1.0	0.3	5.1	1.5	4.8	13.3	32.7	16.7	34.8	32.8	3.1	10.4	11.3	14.8	12.9	27.7	18.3	298.6
OCTUBRE	15.3	14.6	8.5	47.9	32.0	45.0	26.8	30.6	8.6	1.0	0.7	1.1	5.4	14.5	46.6	5.2	12.8	20.8	5.4	13.0	23.2	5.2	32.6	14.1	430.9
NOVIEMBRE	20.8	23.8	4.3	42.5	13.2	2.1	0.2	0.2	0.1	3.0	14.1	0.4	1.5	4.5	2.6	6.0	12.9	5.8	2.5	18.6	15.5	15.7	24.9	29.9	264.4
DICIEMBRE	3.6	5.6	28.8	5.0	2.0	0.8	1.2	-	0.5	1.0	0.2	0.1	5.8	1.6	0.5	4.2	2.7	1.9	0.2	0.4	0.1	1.4	10.1	1.3	13.1
SUMA ANUAL	155.8	193.8	172.0	266.9	182.4	100.3	84.3	106.1	28.7	19.1	19.3	33.2	87.5	141.5	122.9	104.5	105.7	56.7	70.2	71.8	105.6	87.6	157.3	169.4	2639.6

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: **S I J e s s e f a**

Año: **1.968**

MESES	TOTAL			No. PRECIPITACIONES		CANTIDAD		DURACION			PRECIPITACION MAXIMA				DURACION MAXIMA					
	m. m.	Días	Días	Día	Noche	Total	Total	Día	Noche	Total	m. m.	Durac.	Int. Med.	Int. Max. 6/m.	Int. Max. 1/m.	h. min.	m. m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)
Enero	116.5	12	12	9	21	55.2	61.3	12:05'	18:50'	30:55'	39.5	4:35'	0.14	5.0	1.0	8:35'	31.8	0.06	6.0	1:2
Febrero	215.5	15	11	24	35	23.4	192.1	8:55'	39:25'	48:20'	47.7	4:30'	0.18	10.2	2.0	9:40'	40.8	0.07	6.0	1.2
Marzo	131.4	24	17	31	48	25.1	106.3	12:00'	35:25'	47:25'	22.2	2:00'	0.18	6.2	1.2	4:35'	17.3	0.06	2.0	0.4
Abril	301.0	25	35	21	56	125.3	175.7	4:12:00'	50:55'	92:15'	38.4	6:20'	0.10	4.8	1.0	10:25'	15.7	0.02	1.2	0.2
Mayo	297.1	26	42	24	66	123.2	173.9	40:15'	25:00'	65:15'	74.2	2:35'	0.48	9.8	2.0	3:15'	6.2	0.03	0.7	0.1
Junio	243.5	26	42	25	67	80.9	162.6	32:35'	50:45'	83:20'	36.4	3:10'	0.19	5.7	1.1	11:40'	16.7	0.02	0.4	0.1
Julio	135.7	18	27	16	43	43.0	92.7	18:55'	19:15'	38:10'	28.0	3:10'	0.15	4.8	1.0	3:30'	16.4	0.08	2.6	0.5
Agosto	113.1	18	26	17	43	58.9	54.2	22:45'	17:15'	40:00'	22.8	5:20'	0.07	2.0	0.4	5:20'	22.8	0.07	2.0	0.4
Septbre.	298.6	26	42	15	57	163.3	135.3	39:30'	33:45'	73:15'	37.3	6:05'	0.10	6.5	1.3	6:40'	36.3	0.09	5.1	1.0
Octbre.	430.9	28	41	29	70	173.3	257.6	40:25'	57:40'	98:05'	45.2	2:45'	0.27	6.0	1.2	8:20'	18.6	0.04	2.0	0.4
Novbre.	264.4	23	30	32	62	54.5	209.9	23:20'	51:45'	75:05'	30.3	4:30'	0.11	3.0	0.6	5:50'	24.2	0.07	3.0	0.6
Dicbre.	91.9	13	15	15	30	19.0	72.9	10:35'	19:30'	30:05'	27.1	2:55'	0.15	6.0	1.2	4:05'	11.4	0.05	0.7	0.1
TOTALES	2639.6	254	340	258	598	945.1	1694.5	302:40'	419:30'	722:10'	449.1	47:55'	XX	XX	XX	81:55'	258.2	XX	XX	XX

ABO 1.568

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 Mm.

ESTACION LA ROSA

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	8-10	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	1	2	2	3	2	3	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	5
FEBRERO	6	6	3	4	4	6	6	4	4	3	4	1	-	2	2	2	3	1	2	4	4	5	2	3	3	20
MARZO	5	9	7	5	3	4	3	3	2	4	-	-	2	4	5	5	6	1	4	1	4	2	4	2	4	24
ABRIL	8	4	4	4	5	6	4	2	1	1	1	4	6	3	7	8	6	6	7	4	7	4	4	5	22	
MAYO	2	7	4	2	3	2	2	1	2	2	2	4	6	9	6	8	4	2	4	3	1	-	1	25	25	
JUNIO	4	4	5	5	10	8	7	5	5	3	3	6	12	11	8	5	5	11	8	4	3	2	1	2	25	
JULIO	3	6	5	5	6	6	6	3	3	3	2	1	6	6	4	5	4	5	3	6	2	-	1	22	22	
AGOSTO	4	3	4	3	4	2	2	3	3	4	1	3	6	8	3	1	3	6	2	1	1	1	-	1	22	
SEPTIEMBRE	8	5	5	4	5	3	-	-	2	-	1	5	8	12	12	9	6	4	2	2	3	4	5	6	26	
OCTUBRE	6	6	8	8	6	6	5	4	3	4	2	3	6	6	6	6	1	1	1	1	2	4	6	5	22	
NOVIEMBRE	4	5	6	8	5	5	1	-	-	-	1	2	4	9	5	3	3	4	4	4	5	3	4	7	19	
DICIEMBRE	2	2	-	3	2	1	-	-	2	-	-	1	1	2	2	5	4	2	1	-	3	3	3	2	13	
SUMA ANUAL	53	59	52	52	55	51	38	28	29	27	17	28	52	62	67	58	51	51	36	32	39	34	28	38	245	

Frecuencia Horaria del Brillo Solar

MESES	Frecuencia a Pleno Sol												Frecuencia sin Sol												
	6-7	7-8	8-9	8-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	8-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	
ENERO	-	10	15	20	16	24	19	19	16	13	10	-	16	8	4	2	1	2	3	2	2	2	4	9	15
FEBRERO	-	1	11	18	17	11	11	12	10	6	3	-	25	12	5	4	4	1	3	2	1	2	8	16	16
MARZO	-	1	8	18	15	11	11	6	7	6	1	-	29	13	8	5	4	4	5	7	9	12	16	23	23
ABRIL	-	1	5	7	11	13	10	7	6	3	2	-	25	15	9	5	7	4	2	10	15	18	16	22	20
MAYO	-	9	12	16	11	10	4	9	6	1	4	-	17	9	6	7	4	3	4	8	14	17	15	20	21
JUNIO	-	2	8	13	11	12	8	9	5	5	2	-	20	9	8	5	3	7	10	11	10	12	9	21	21
JULIO	-	5	14	17	15	10	2	3	4	6	6	-	19	5	4	2	2	2	5	7	5	4	9	18	18
AGOSTO	-	5	13	18	13	9	7	8	9	6	6	-	22	12	4	1	4	3	4	4	6	6	9	17	17
SEPTIEMBRE	-	6	8	14	14	14	10	4	6	7	3	-	27	11	4	4	4	3	5	10	14	10	12	16	16
OCTUBRE	-	10	10	10	14	11	8	7	6	6	3	-	27	13	4	8	8	7	4	12	10	10	12	22	22
NOVIEMBRE	-	3	5	12	11	10	16	12	8	4	3	-	24	13	4	7	1	4	4	4	8	15	21	24	24
DICIEMBRE	-	8	15	19	21	15	15	15	13	11	10	-	24	7	1	2	1	2	3	3	3	4	6	10	14
SUMA ANUAL	-	57	124	182	171	150	121	111	96	74	53	-	275	127	61	52	43	42	52	60	98	116	146	228	228

D	SUMAS HORARIAS DE BRILLO SOLAR												PRECIPITACION									
	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 TARDE	SUMA MENSUAL	SOSIOSIAI) SVIO	MAXIMA mm	DIA					
ENERO	4.1	17.9	21.0	24.7	24.7	26.2	23.9	24.4	22.0	17.8	13.8	4.8	118.6	306.7	225.3	19.9	48.9	39.2	109.0	5	48.5	24
FEBRERO	0.5	9.6	18.3	21.9	21.9	20.7	19.3	21.6	19.4	18.2	12.8	4.2	92.9	95.5	182.4	89.6	18.5	57.7	168.0	22	39.1	1
MARZO	0.2	7.5	14.3	22.3	21.1	19.9	16.8	15.2	14.3	11.9	7.3	1.1	85.3	68.6	153.9	113.1	3.2	93.0	207.0	24	40.2	15
ABRIL	1.6	7.6	12.1	17.3	18.3	19.3	18.7	12.5	10.5	9.0	7.1	3.3	76.2	61.1	137.3	99.8	84.2	288.9	21	56.9	15	
MAYO	6.1	15.0	19.5	20.0	17.9	18.9	15.7	15.9	11.9	6.9	7.8	3.1	97.4	61.3	158.7	43.3	50.1	111.8	205.3	23	25.5	28
JUNIO	3.6	9.6	15.5	20.2	19.4	16.6	14.0	13.2	11.0	9.9	8.8	3.9	84.9	60.8	145.7	50.8	65.9	152.7	27	26.3	16	
JULIO	3.6	13.9	20.8	23.0	22.5	21.0	13.5	12.4	12.1	14.4	13.3	5.2	104.8	70.9	175.7	75.1	75.0	243.3	20	58.7	2	
AGOSTO	2.8	10.5	20.9	23.5	20.7	21.4	17.7	17.6	17.9	18.1	12.6	4.3	99.8	84.2	184.0	85.6	66.2	182.4	21	34.6	27	
SEPTIEMBRE	1.1	11.7	17.2	19.4	21.3	21.1	17.5	12.5	11.0	12.3	12.2	4.0	91.8	69.5	161.3	129.7	78.6	335.3	25	60.7	28	
OCTUBRE	1.1	12.4	17.6	17.6	19.4	17.5	16.5	12.3	12.8	11.9	8.8	2.9	85.6	65.2	150.8	210.3	75.5	309.3	20	49.1	12	
NOVIEMBRE	0.9	10.5	15.8	18.7	21.0	19.7	21.3	19.1	11.7	9.0	6.6	2.1	86.6	69.8	156.4	190.6	13.3	284.7	18	52.1	18	
NOVIEMBRE	1.0	15.8	22.6	24.9	25.3	23.1	22.6	22.4	19.0	16.8	14.8	5.7	112.7	101.3	214.0	56.3	7.0	92.7	14	23.7	22	
SUMA ANUAL	26.6	142.0	215.6	253.5	253.5	245.4	219.5	199.1	173.6	152.2	125.9	44.6	1136.6	914.9	2051.5	1160.1	586.4	831.9	2578.4	240	515.4	—

SUMAS HORARIAS DE LA PRECIPITACION

MESES	SUMAS HORARIAS DE LA PRECIPITACION												TOTAL												
	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	0.8	2.7	6.9	1.6	1.9	2.6	1.4	2.4	4.3	2.6	0.3	0.1	0.1	—	0.9	15.2	1.4	0.3	21.1	0.3	0.5	0.2	0.8	0.5	108.0
FEBRERO	5.7	3.1	7.1	13.6	7.5	9.3	15.6	3.1	4.6	0.8	2.3	0.4	—	7.3	7.1	4.3	9.7	0.1	10.0	26.5	0.5	9.0	5.4	12.8	165.8
MARZO	9.0	45.9	28.5	10.8	1.7	1.3	2.6	0.5	0.9	0.4	—	—	—	1.4	9.7	35.1	4.3	28.7	14.3	0.9	0.5	1.5	0.6	10.7	209.3
ABRIL	5.4	1.4	6.3	7.1	16.5	27.8	1.2	0.8	14.0	0.3	0.2	17.6	10.5	40.8	17.3	26.2	17.7	21.5	11.5	9.0	3.9	16.9	5.3	8.0	287.2
MAYO	0.6	10.7	13.7	6.4	5.0	0.9	1.0	0.2	8.8	6.6	3.2	0.7	9.0	21.6	36.5	29.6	32.9	2.1	0.6	10.1	4.7	0.2	—	0.1	205.2
JUNIO	2.3	9.5	10.2	1.9	9.7	1.1	6.6	22.5	4.2	2.0	—	—	—	3.1	5.2	5.7	14.1	3.0	2.6	1.6	0.8	0.2	0.9	—	150.4
JULIO	2.5	8.8	2.3	8.9	9.8	3.4	4.7	22.7	29.2	4.4	2.7	0.9	7.9	7.2	6.3	12.0	3.0	40.4	8.6	27.2	30.9	3.8	—	0.4	248.2
AGOSTO	1.1	23.7	1.4	22.8	25.6	8.5	1.0	14.8	15.2	1.6	0.3	3.5	11.3	19.5	6.2	3.6	9.8	9.7	0.8	1.0	0.6	0.3	—	0.2	182.5
SEPTIEMBRE	16.0	15.9	7.1	5.5	3.2	1.4	—	—	0.2	—	1.3	18.3	30.5	28.3	12.2	27.2	38.2	27.2	7.6	18.6	10.7	6.0	11.2	48.7	335.3
OCTUBRE	31.0	33.7	21.6	17.2	11.0	6.2	17.3	14.2	10.3	4.5	0.7	3.3	15.9	26.6	4.8	3.1	1.9	5.1	8.3	0.3	0.4	4.5	32.8	34.6	309.3
NOVIEMBRE	42.2	11.2	28.4	33.7	16.8	5.6	2.2	—	—	—	1.0	3.4	8.9	14.3	30.1	3.9	1.8	27.6	3.1	4.0	12.2	8.4	25.9	—	284.7
NOVIEMBRE	1.3	3.4	—	16.8	1.0	4.7	—	—	0.5	—	—	0.1	2.4	4.0	2.6	1.9	19.1	4.5	1.1	—	3.9	5.6	0.7	19.1	92.7
SUMA ANUAL	117.9	170.0	133.5	146.3	109.7	78.8	53.6	81.2	131.3	23.2	11.6	59.6	105.7	173.8	121.0	193.5	147.6	155.5	114.7	99.6	62.2	61.0	65.4	161.9	2,578.6

BRILLO SOLAR DIARIO

AÑO 1-968

PRECIPITACION DIARIA

ESTACION Armenia (El Sena) -Quindío

ALTURA 1.500 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	10.3	12.1	-	-	32.5	3.1	-	-	28.3	1.0	-	-
2	0.1	31.2	-	-	1.6	5.8	-	-	0.5	-	-	-
3	10.0	12.8	-	-	0.9	2.5	-	7.7	-	8.4	-	-
4	11.1	-	-	-	1.6	21.4	2.4	1.0	2.4	5.3	8.5	28.6
5	6.8	-	-	0.6	-	50.8	-	8.5	10.4	7.0	0.6	-
6	0.1	-	-	21.8	4.8	2.7	0.3	-	4.2	12.0	10.5	-
7	0.4	-	-	24.4	1.1	-	-	-	21.6	61.5	-	1.7
8	-	-	1.9	0.8	2.5	32.0	-	-	1.3	0.7	-	-
9	-	-	1.5	31.3	2.5	-	-	-	1.0	28.1	7.7	6.8
10	0.9	-	36.2	7.5	-	0.7	0.2	-	14.2	-	0.3	-
11	0.5	-	10.9	33.9	-	0.1	-	-	0.1	38.0	62.0	-
12	-	0.8	-	27.1	2.4	7.0	-	-	-	13.7	9.5	-
13	5.7	-	0.3	1.0	0.5	-	-	-	-	1.8	66.0	4.6
14	0.1	-	33.2	2.7	12.9	5.5	0.5	11.3	-	0.1	-	1.0
15	-	-	9.2	70.2	0.1	-	-	-	49.1	2.5	10.0	1.0
16	-	-	10.2	0.2	-	4.8	17.2	-	0.6	42.0	21.0	-
17	-	0.5	1.7	0.1	-	4.2	3.2	-	-	39.5	-	3.1
18	-	37.3	1.1	0.3	2.5	7.1	4.1	-	36.4	32.5	67.0	32.4
19	1.2	-	1.8	0.1	-	10.6	7.1	-	0.5	2.2	1.0	14.6
20	-	0.4	2.0	6.0	6.9	-	4.6	0.1	1.2	-	4.0	15.5
21	0.1	32.3	-	0.9	-	5.3	6.9	-	1.2	-	-	16.3
22	11.2	41.6	-	20.7	-	10.5	-	-	1.6	-	22.0	36.7
23	-	-	-	13.2	-	-	-	0.4	-	-	31.0	2.2
24	38.4	-	13.9	19.8	0.8	-	-	-	-	0.3	25.0	-
25	11.6	-	0.1	0.3	0.8	-	-	3.8	9.4	14.5	33.0	-
26	-	33.3	10.9	8.3	10.6	-	-	9.7	6.0	4.7	-	-
27	-	11.1	-	0.9	-	0.6	0.1	0.7	10.0	28.6	21.0	0.1
28	-	1.7	-	9.2	5.7	3.6	-	13.7	0.3	0.8	2.7	-
29	-	-	-	27.5	1.1	18.8	-	8.8	-	50.3	7.8	-
30	-	-	-	0.2	22.6	-	-	4.4	-	-	-	-
31	14.2	-	-	-	-	-	-	-	-	-	-	-
Suma Mensual	84.0	197.7	191.9	319.6	79.5	220.7	58.0	72.7	188.2	416.3	402.5	243.5
Dias Lluviosos	11	15	19	26	18	20	14	12	20	24	21	17
TOTAL DEL AÑO												2.472.6
TOTAL DEL AÑO												1.596.0
												m.m.

ESTACION : EL BEKA FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM. AÑO: 1968

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	2	2	1	2	1	1	1	1	1	1	3	5	2	5	2	2	2	2	1	2	2	2	2	12
FEBRERO	3	4	4	7	3	2	2	3	3	1	2	-	3	4	3	5	5	2	2	-	-	5	4	5	15	
MARZO	3	4	6	4	7	6	3	-	-	-	1	3	5	9	7	3	7	3	3	2	2	2	2	5	20	
ABRIL	5	6	5	7	6	5	6	3	4	2	1	2	4	3	10	11	14	16	9	8	4	4	4	4	26	
MAYO	2	1	1	2	2	3	3	2	2	-	-	3	4	5	8	9	3	2	2	2	2	2	2	1	18	
JUNIO	4	3	5	4	6	6	2	3	4	2	2	2	5	6	7	7	8	6	5	6	4	4	2	5	22	
JULIO	6	7	7	6	6	5	2	2	2	2	1	-	3	5	3	1	3	-	-	2	3	2	3	14	14	
AGOSTO	3	2	1	1	2	3	2	2	1	1	2	3	2	2	5	3	1	2	2	2	-	-	-	2	13	
SEPTBRE.	3	7	5	4	3	3	2	1	1	-	1	4	7	5	5	5	4	2	4	6	4	6	4	5	21	
OCTUBRE	7	6	9	11	9	8	6	3	4	3	3	4	4	12	9	7	4	3	7	6	4	6	5	5	24	
NOVIEMBRE	1	1	1	1	1	1	1	2	-	1	1	2	2	2	7	5	4	5	4	2	3	2	2	2	18	
DICIEMBRE	1	1	1	1	1	1	1	2	-	1	1	2	2	2	7	5	4	5	4	2	3	2	2	2	18	
SUMA ANUAL	38	42	46	49	46	43	31	23	22	15	14	15	26	51	66	64	64	64	49	42	33	26	36	29	39	203

Frecuencia Horaria del Brillo Solar

MESES	Frecuencia a Pleno Sol											Frecuencia sin Sol													
	6-7	7-8	8-9	8-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	6-7	7-8	8-9	8-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	
ENERO	-	-	-	8	6	7	8	8	7	4	6	-	20	18	5	5	2	3	3	7	8	7	7	12	17-18
FEBRERO	-	-	-	7	4	3	6	5	3	3	1	-	27	26	11	5	5	8	4	2	2	2	6	8	12
MARZO	-	-	-	2	2	1	2	1	3	2	2	-	25	10	4	4	3	4	7	6	4	8	10	15	15
ABRIL	-	-	-	3	2	2	4	5	4	6	5	2	27	19	13	6	7	6	6	5	8	11	17	22	22
MAYO	-	-	-	3	5	5	2	3	4	2	5	3	20	9	8	11	6	6	5	6	8	14	17	21	21
JUNIO	-	-	-	2	6	6	3	6	6	3	2	3	20	15	10	7	6	6	5	10	8	11	14	19	19
AGOSTO	-	-	-	7	10	9	12	14	10	8	5	3	16	9	8	4	3	2	3	4	7	5	7	18	18
SEPTBRE.	-	-	-	8	3	2	1	1	3	1	4	3	27	13	8	2	5	6	5	5	7	4	7	12	12
OCTUBRE	-	-	-	4	2	-	-	-	1	3	1	4	30	14	6	6	3	5	4	4	9	9	12	21	21
NOVIEMBRE	-	-	-	-	4	2	-	-	1	3	3	3	28	27	16	10	11	10	11	12	13	13	21	23	23
DICIEMBRE	-	-	-	7	8	5	6	4	7	4	1	-	21	12	12	6	4	4	4	6	9	8	10	18	18
SUMA ANUAL	6	37	56	49	49	58	51	50	44	30	-	-	261	172	101	66	55	60	57	67	83	96	130	193	193

DIA	SUMAS HORARIAS DE BRILLO SOLAR												PRECIPITACION									
	6-7	7-8	8-9	8-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	SUMA MÁXIMA TARDE	SUMA MENSUAL	7	14	20	SUMA MENSUAL	DÍAS LUVIOSOS	MÁXIMA mm		
ENERO	1.3	2.0	11.4	19.8	17.5	18.7	20.7	17.6	15.9	14.8	14.0	6.2	70.7	89.2	159.9	15.6	22.1	32.1	84.0	11	38.4	24
FEBRERO	0.1	0.2	3.5	17.6	14.3	13.3	15.4	16.7	14.1	12.5	9.6	3.7	49.0	72.0	121.0	118.5	50.3	42.2	197.7	15	41.6	22
MARZO	(-	4.1	10.0	12.6	11.9	9.3	7.4	10.1	13.0	7.9	6.2	2.5	47.9	47.1	95.0	103.8	1.5	87.5	191.9	19	36.2	10
ABRIL	0.4	3.1	11.2	11.8	14.1	13.8	12.7	13.9	13.0	10.2	6.1	3.2	54.4	59.1	113.5	98.9	30.8	189.9	319.5	26	70.2	15
MAYO	3.7	10.9	13.7	11.2	11.8	14.0	13.4	13.7	14.7	11.1	8.7	3.8	65.3	65.4	130.7	21.0	10.2	48.3	29.5	18	22.6	31
JUNIO	1.7	7.7	13.9	12.4	12.2	13.6	14.6	12.1	13.0	11.3	7.4	5.3	61.5	63.7	125.2	51.8	67.8	82.3	72.0	20	50.8	5
JULIO	3.9	12.9	15.1	18.0	19.0	18.0	17.5	12.9	14.9	16.5	13.5	7.4	86.2	82.7	168.9	53.9	6.0	16.9	58.0	14	17.2	16
AGOSTO	0.6	6.5	17.0	20.4	17.4	18.8	19.4	19.3	16.8	16.3	14.2	7.8	80.7	93.8	174.5	23.6	16.8	32.2	72.7	12	13.7	29
SEPTIEMBRE	-	8.2	17.3	15.9	15.4	14.0	12.2	11.9	12.0	12.9	7.9	3.8	70.8	60.7	131.5	63.4	27.7	97.2	188.2	20	45.1	16
OCTUBRE	0.4	0.5	4.6	12.6	8.2	9.7	7.6	9.3	9.1	10.2	6.2	2.5	36.0	44.9	80.9	217.0	86.4	110.9	414.3	24	61.5	7
NOVIEMBRE																						
DICIEMBRE	1.2	2.6	8.6	17.5	17.7	15.4	16.1	13.9	14.7	14.6	12.2	3.2	63.0	74.7	137.7	114.8	49.5	80.1	243.5	17	76.1	22
SUMA ANUAL	(13.3	58.0	126.3	169.8	159.5	158.6	157.0	151.4	151.2	138.3	106.0	49.4	685.5	753.3	1438.8	882.3	369.1	819.6	2070.1	196	473.4	-

SUMAS HORARIAS DE LA PRECIPITACION

MESES	SUMAS HORARIAS DE LA PRECIPITACION																				TOTAL				
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	8-10	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
ENERO	0.1	0.1	0.2	0.5	1.8	2.9	6.5	3.6	2.0	0.3	0.2	-	0.7	15.3	15.1	4.6	3.0	1.3	7.4	0.7	4.3	9.8	0.9	0.4	83.7
FEBRERO	6.7	7.3	17.1	18.7	3.5	10.3	2.8	9.8	4.1	1.7	0.6	-	29.0	5.1	3.6	36.0	2.0	0.4	0.2	-	-	13.2	21.0	4.0	197.1
MARZO	13.6	18.4	19.8	5.7	20.3	8.7	1.9	-	-	-	-	-	0.7	0.8	26.4	11.8	23.6	9.0	13.2	3.5	1.3	1.0	1.1	11.8	192.8
ABRIL	10.6	13.9	13.6	13.5	3.0	2.1	3.0	0.8	0.5	0.2	4.3	4.3	2.1	18.6	27.6	46.9	18.6	39.6	37.6	19.6	18.8	4.6	0.9	6.9	319.6
MAYO	0.5	0.1	0.2	1.6	9.8	3.2	1.2	2.3	4.8	0.2	-	-	1.9	1.0	3.3	29.4	4.9	1.0	0.5	9.2	0.8	0.2	3.2	0.2	79.5
JUNIO	8.5	7.0	5.7	8.0	3.0	2.7	6.4	10.4	1.5	11.1	7.1	2.9	23.7	11.1	10.7	19.8	10.6	17.5	19.0	4.7	3.6	3.2	1.2	2.5	201.9
JULIO	5.6	4.3	8.5	5.5	11.0	11.3	3.2	1.3	1.1	2.1	0.2	0.5	-	0.8	2.8	7.7	0.1	6.3	-	0.7	0.9	0.7	2.2	2.2	76.8
AGOSTO	2.1	1.0	1.7	3.4	2.7	2.6	9.0	6.0	4.0	1.6	2.4	1.8	3.2	1.4	20.3	6.0	2.1	0.3	1.1	2.4	-	-	1.1	72.6	
SEPTIEMBRE	15.8	6.9	4.5	2.3	1.5	0.6	0.9	0.2	0.1	-	-	1.4	2.8	23.3	30.1	6.0	38.8	6.8	8.9	6.6	9.4	7.9	6.4	7.2	188.3
OCTUBRE	31.7	36.4	26.1	47.8	12.9	12.6	11.9	4.7	11.0	0.9	1.1	1.5	15.7	51.5	34.0	3.4	2.8	1.2	5.6	63.9	7.9	15.4	7.9	6.4	414.3
NOVIEMBRE																									
DICIEMBRE	21.2	1.0	15.6	6.5	3.8	0.8	0.2	0.1	12.2	6.4	2.6	26.0	2.3	29.4	20.4	14.6	6.3	7.1	5.7	2.0	30.9	26.6	243.9		
SUMA ANUAL	(124.6	94.4	113.0	113.5	173.3	57.8	49.0	41.2	35.5	18.2	28.1	18.8	82.4	154.9	176.2	201.0	126.9	98.0	99.8	117.7	52.5	58.2	74.2	69.3	2.070.5

RESUMEN DE ALGUNAS CARACTERISTICAS
DE LA PRECIPITACION

MESES	TOTAL				Nº. PRECIPITACIONES				CANTIDAD				DURACION				PRECIPITACION MAXIMA				DURACION MAXIMA			
	m. m.	Días	Día	Noche	Total	Día	Noche	Total	Total	Día	Noche	Total	m. m.	Durac.	Int. Med.	Int. Max. 6/m.	Int. Max. 1/m.	h. min.	m. m.	Int. Med.	Int. Max. 6 min.	Int. Max. 1 min. (calc.)		
Enero	84.0	11	13	10	23	49.2	34.8	28:05'	14:50'	13:15'	28:05'	24.8	2:50'	0.14	3.0	0.6	6:10'	19.2	0.05	1.6	0.3			
Febrero	197.7	15	18	18	36	88.1	109.6	46:05'	16:50'	29:15'	46:05'	36.4	3:05'	0.20	6.3	1.3	7:15'	31.6	0.07	1.9	0.4			
Marzo	191.9	19	25	19	44	90.6	101.3	49:25'	22:20'	27:05'	49:25'	35.0	4:15'	0.14	2.5	0.5	5:10'	23.8	0.08	1.7	0.3			
Abril	319.6	26	45	20	65	189.7	129.9	87:35'	41:30'	46:05'	87:35'	46.0	4:40'	0.16	10.2	2.0	7:40'	22.0	0.05	2.0	0.4			
Mayo	79.5	18	29	13	42	58.8	20.7	29:20'	18:30'	10:50'	29:20'	22.5	0:55'	0.41	9.5	1.9	2:30'	6.8	0.04	1.2	0.2			
Junio	220.7	20	28	20	48	139.9	80.8	76:35'	35:00'	41:35'	76:35'	31.0	4:05'	0.13	5.6	1.1	10:45'	17.2	0.03	0.5	0.1			
Julio	58.0	14	16	19	35	27.3	30.7	41:05'	15:36'	25:30'	41:05'	7.6	5:10'	0.02	0.5	0.1	5:10'	7.6	0.02	0.5	0.1			
Agosto	72.7	12	18	7	25	43.8	28.9	24:35'	12:20'	12:15'	24:35'	16.1	3:55'	0.07	3.5	0.7	4:45'	8.5	0.03	0.8	0.2			
Septbre.	188.2	20	23	15	38	121.2	67.0	55:35'	21:40'	33:55'	55:35'	36.3	1:20'	0.45	8.0	1.6	6:55'	27.7	0.07	3.5	0.7			
Octbre.	414.3	24	35	29	64	155.2	259.1	100:40'	34:40'	66:00'	100:40'	46.4	6:40'	0.12	2.0	0.4	11:35'	28.1	0.04	1.0	0.2			
Novbre.																								
Dicbre.	243.5	17	23	4	27	126.9	116.6	34:55'	22:10'	12:45'	34:55'	75.8	4:15'	0.30	10.2	2.0	4:15'	75.8	0.30	10.2	2.0			
TOTALES (2070.1	196	273	447	174	1090.7	979.4	573:55'	318:30'	255:25'	318:30'	573:55'	377.9	41:10'	XX	XX	XX	72:10'	268.3	XX	XX	XX	XX		

BRILLO SOLAR DIARIO

PRECIPITACION DIARIA

AÑO 1968

ESTACION Calero (La Bella) - Quindío

ALTURA 1.450

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	
1	-	25.1	5.1	0.1	-	12.1	19.8	-	20.4	0.2	-	-	1.5	4.4	5.2	2.4	4.2	-	1.8	1.9	3.9	3.6	3.9	3.9	
2	-	2.5	13.7	-	-	1.2	5.3	0.2	0.9	-	-	-	8.6	2.9	4.1	1.8	8.8	1.7	5.3	2.0	2.3	4.5	5.9	3.9	
3	-	29.8	19.1	0.3	-	-	1.9	-	15.1	0.1	-	-	8.5	0.4	4.5	7.4	5.3	6.6	4.8	8.2	7.4	4.6	1.7	4.5	
4	-	24.2	0.2	-	12.8	17.9	1.0	0.2	11.5	3.5	0.2	-	8.7	3.3	3.5	1.4	7.8	2.7	3.2	5.5	3.7	6.1	-	0.7	
5	-	0.4	-	-	40.2	0.1	10.5	-	-	0.6	-	-	6.9	7.2	8.6	8.4	2.6	-	5.6	5.8	8.9	1.0	4.4	5.5	
6	-	-	-	-	9.4	9.0	1.2	-	0.7	-	-	-	5.7	7.7	8.7	5.6	4.8	0.7	1.1	1.0	6.6	1.7	7.3	8.2	
7	-	-	-	-	20.0	2.4	-	-	12.4	-	-	-	3.8	5.7	5.1	4.1	2.4	9.4	9.3	9.3	4.0	3.3	1.7	-	
8	-	-	-	-	0.3	0.9	16.2	3.6	-	2.0	0.6	-	3.8	5.8	1.1	3.4	0.5	5.7	9.7	8.1	6.0	3.1	3.2	-	
9	-	-	16.8	31.8	2.0	1.7	-	-	35.1	23.4	-	-	8.4	7.5	2.9	0.2	3.7	8.0	4.9	8.9	3.9	4.6	2.4	5.6	
10	1.2	-	20.5	8.4	-	0.3	-	-	0.7	0.1	1.0	-	6.9	5.8	3.9	4.2	5.3	4.8	6.0	9.4	1.6	7.3	6.5	1.5	
11	0.2	-	5.0	10.7	2.6	1.9	-	-	14.7	-	4.5	0.2	4.7	5.2	5.4	2.7	10.8	5.6	5.0	6.1	4.1	6.5	4.8	6.9	
12	7.3	3.3	-	-	22.7	-	4.5	-	0.6	-	40.7	-	1.7	7.5	4.8	4.3	3.2	3.2	2.5	8.2	11.0	5.9	-	6.7	
13	0.5	-	-	-	9.7	7.3	-	-	-	1.6	-	-	4.3	6.3	8.7	2.9	4.8	5.0	6.5	10.6	7.9	-	-	1.2	
14	0.5	-	5.2	42.5	6.5	4.0	0.3	-	-	80.1	-	-	3.7	8.4	4.3	2.0	4.8	4.5	4.8	3.9	8.0	-	-	1.1	
15	0.1	-	15.2	42.7	1.9	-	-	0.5	4.0	-	0.5	-	7.5	6.9	3.9	5.3	4.3	8.0	5.5	8.1	6.3	2.0	2.7	-	
16	-	-	18.8	0.1	-	3.1	3.7	-	16.6	9.5	3.2	-	8.3	6.9	2.5	7.3	10.6	1.1	1.9	7.6	3.9	3.5	4.7	-	
17	-	-	0.6	-	-	0.1	5.4	-	0.1	32.2	21.0	-	6.3	1.7	0.9	9.6	7.6	5.2	1.8	1.5	6.0	6.7	6.9	8.3	
18	-	14.3	0.3	-	2.1	-	6.3	-	38.0	21.0	-	-	6.7	6.4	2.4	4.1	1.5	3.5	7.8	4.0	5.2	3.0	5.7	7.1	
19	-	28.0	-	-	0.1	0.3	6.9	-	0.1	40.6	146.6	19.6	6.3	2.4	2.8	9.4	2.5	3.3	2.8	8.2	2.6	1.0	-	5.2	
20	-	1.4	-	10.4	0.3	2.8	-	-	-	1.6	28.1	0.2	7.2	3.2	4.4	7.7	6.4	5.3	4.0	6.7	5.4	9.6	-	5.7	
21	-	3.8	-	24.2	1.1	5.3	0.2	-	-	2.7	9.5	-	4.5	5.6	5.9	6.3	3.7	5.7	3.8	7.5	3.1	6.7	3.4	6.8	
22	13.2	48.6	-	2.6	-	27.1	-	-	1.6	-	-	-	5.9	1.2	2.7	3.7	2.8	4.8	3.5	8.6	3.1	2.7	0.3	3.8	
23	0.1	0.2	-	10.4	-	-	-	-	1.4	-	-	4.3	3.1	6.1	5.3	4.1	2.1	3.9	7.2	7.8	7.2	6.0	9.8	2.5	
24	34.6	-	2.7	5.3	0.7	-	-	-	-	-	-	-	3.6	5.6	1.2	5.9	5.7	5.3	8.0	7.8	9.1	2.2	-	3.2	
25	6.1	-	-	2.4	6.2	7.7	-	-	-	51.8	-	-	8.9	7.2	7.0	4.6	6.4	2.6	8.9	1.8	6.7	4.6	-	5.9	
26	-	-	-	0.4	7.2	-	-	-	-	-	-	-	8.9	7.2	8.0	6.3	1.8	7.4	8.4	7.3	6.9	0.8	-	7.0	
27	-	61.7	-	0.8	0.5	0.1	-	28.9	4.4	15.9	-	-	7.8	3.1	4.7	2.5	4.3	4.3	3.9	4.0	5.5	0.6	-	8.2	
28	-	6.6	-	0.6	0.6	-	-	0.4	3.8	7.5	-	-	7.7	3.3	3.7	4.1	2.2	3.6	3.9	4.0	1.6	0.9	5.0	10.3	
29	-	19.4	-	2.5	19.4	6.1	-	1.4	-	1.8	-	-	9.8	7.3	3.7	4.1	2.2	3.6	7.9	5.8	3.6	2.2	-	8.4	
30	-	-	-	-	0.1	50.5	-	8.4	0.2	39.7	-	-	5.7	-	8.1	-	3.1	3.5	8.0	2.8	-	3.7	-	8.8	
31	11.8	-	0.3	-	2.0	-	-	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Suma Mensual	74.4	269.3	113.6	261.2	94.9	196.9	53.7	67.7	107.4	312.4	(354.8)	(33.8)	180.	140.0	149.4	133.7	143.3	132.8	174.3	186.5	151.2	105.2	99.8	151.0	
Dias Lluviosos	10	15	15	22	21	23	12	12	16	20	(15)	(5)													
Total de Años Lluviosos (1966)																									
TOTAL DEL AÑO																									
TOTAL DEL AÑO																									
TOTAL DEL AÑO																									

ESTACION : LA BELLA FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM. AÑO 1,968

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	2	2	1	-	1	3	2	1	1	1	3	4	5	-	3	2	1	2	2	2	10
FEBRERO	8	7	6	5	7	4	4	2	2	2	1	-	1	4	2	6	6	3	2	1	2	4	6	7	14
MARZO	4	4	6	5	5	6	3	2	2	-	-	-	-	-	-	4	3	3	5	7	4	3	3	5	16
ABRIL	7	8	8	7	6	6	4	7	2	2	1	2	3	3	3	7	7	6	9	7	6	7	5	5	22
MAYO	1	1	2	2	2	4	3	3	2	3	2	3	5	6	4	6	8	6	5	-	-	1	1	-	20
JUNIO	7	7	4	5	6	5	4	4	2	3	3	2	2	2	4	7	7	7	5	8	5	6	4	5	23
JULIO	5	5	9	7	6	5	6	2	2	1	2	3	1	-	2	3	2	5	3	-	1	1	1	2	13
AGOSTO	4	4	4	3	3	2	2	3	1	1	2	1	1	1	2	2	1	2	1	1	1	1	-	1	14
SEPTBRE	3	5	4	3	3	3	3	4	1	-	1	1	1	4	1	3	4	5	4	4	4	4	4	4	15
OCTUBRE	8	8	7	7	8	7	6	1	2	2	1	2	2	5	9	4	3	4	6	5	5	5	4	7	21
NOVIEMBRE	(3	5	4	3	5	4	3	1	-	1	1	-	2	5	4	5	7	3	4	8	6	5	5	5	16
DICIEMBRE	(1	-	2	2	1	-	-	-	-	-	-	-	-	1	2	1	1	1	1	2	1	1	1	-	7
SUMA ANUAL	(52	54	58	51	55	46	36	29	18	19	17	12	17	30	39	50	56	42	46	46	36	39	38	46	191

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	6	7	5	8	15	12	14	8	9	-	23	13	7	5	2	3	4	3	7	8	8	18
FEBRERO	-	1	4	7	3	4	7	8	5	5	5	-	25	15	10	5	5	3	4	4	9	5	10	19
MARZO	-	-	3	-	4	4	6	7	7	5	4	-	27	14	4	6	3	5	5	2	2	11	14	20
ABRIL	-	1	3	5	3	5	9	10	7	5	2	-	25	16	16	9	10	7	7	5	7	12	15	22
MAYO	-	1	3	6	4	4	3	6	9	3	3	-	21	14	13	12	5	5	5	5	5	12	17	23
JUNIO	-	1	2	1	4	2	3	9	7	5	-	-	21	18	9	8	9	5	4	5	5	7	13	18
JULIO	-	2	3	4	7	8	7	9	9	6	5	-	26	14	10	4	5	3	2	4	2	3	8	17
AGOSTO	-	2	7	10	9	10	12	12	9	9	5	-	22	12	6	4	7	5	5	4	4	7	9	11
SEPTBRE	-	4	4	6	6	4	4	5	3	3	2	-	22	11	7	4	3	4	3	6	10	12	14	21
OCTUBRE	-	2	3	3	2	3	5	6	7	4	4	-	27	18	15	12	11	10	9	12	14	12	17	21
NOVIEMBRE	-	4	5	6	3	4	4	4	4	3	4	-	24	17	15	14	13	11	11	12	13	12	22	23
DICIEMBRE	-	4	9	4	9	5	3	12	9	8	6	-	29	14	9	7	7	5	6	6	6	9	14	21
SUMA ANUAL	-	24	52	59	59	61	76	100	90	64	49	-	292	176	121	90	80	66	65	68	84	110	161	234

DIA	SUMAS HORARIAS DE BRILLO SOLAR												PRECIPITACION									
	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	SUMA MENSUAL	SUMA MENSUAL	MAXIMA				
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
ENERO	1.8	10.3	15.3	17.8	17.4	19.8	21.8	22.3	19.5	17.0	14.9	3.4	81.8	98.9	180.7	32.6	12.6	17.9	74.4	10	34.6	24
FEBRERO	0.6	6.0	11.2	16.5	15.0	14.5	16.1	18.5	13.5	15.5	9.9	2.7	63.8	76.2	140.0	134.5	15.9	110.8	269.3	15	61.7	27
MARZO	0.9	7.6	14.1	14.0	16.8	15.8	17.4	18.6	18.8	13.2	10.0	2.2	69.2	80.2	149.4	89.1	0.5	43.6	113.8	15	20.5	10
ABRIL	1.4	7.3	9.9	13.8	13.4	14.2	14.8	18.3	16.6	12.2	7.1	2.7	60.0	71.7	133.7	118.7	15.3	127.2	261.2	22	42.7	15
MAYO	2.0	10.0	10.5	13.9	14.3	15.2	14.8	19.3	18.9	12.7	8.5	3.2	65.9	77.4	143.3	12.6	22.9	59.4	94.9	21	19.4	29
JUNIO	2.9	5.9	11.0	13.1	13.9	12.4	15.3	17.2	16.9	13.0	7.7	3.5	59.2	73.6	132.8	67.9	33.7	44.8	196.9	23	50.5	30
JULIO	1.1	9.0	13.2	16.7	18.1	19.2	19.0	20.2	18.7	17.5	15.2	6.4	77.3	97.0	174.3	95.5	4.1	4.6	53.7	12	19.8	1
AGOSTO	2.8	12.2	18.4	16.5	16.8	19.3	19.5	20.9	18.7	15.8	14.4	8.2	89.0	97.5	186.5	29.9	7.1	22.9	67.7	12	28.9	26
SEPTIEMBRE	2.7	10.5	15.2	19.3	18.2	16.6	17.7	13.5	13.9	12.5	8.4	2.7	82.5	68.7	151.2	68.6	6.5	40.1	107.4	16	20.4	1
OCTUBRE	0.9	6.5	8.8	10.1	9.8	12.4	12.0	12.2	10.9	11.7	7.3	2.6	48.5	56.7	105.2	218.4	27.7	66.3	312.4	20	51.8	25
NOVIEMBRE	1.0	7.2	10.4	10.4	8.8	10.4	12.3	11.5	11.3	8.9	5.7	1.9	48.2	51.6	99.8	228.6	35.5	90.7	354.8	15	146.6	19
DICIEMBRE	0.2	8.9	12.8	14.6	18.0	16.2	14.8	19.4	18.5	14.7	11.0	1.9	70.7	80.3	151.0	5.7	-	28.1	33.8	5	19.6	19
SUMA ANUAL	17.7	101.4	150.8	179.7	180.5	186.0	195.5	211.9	196.2	164.7	120.1	41.4	816.1	929.8	1745.9	1102.1	181.8	656.4	1940.3	186	516.5	--

SUMAS HORARIAS DE LA PRECIPITACION

MESES	SUMAS HORARIAS DE LA PRECIPITACION												TOTAL												
	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	
ENERO	0.2	-	0.3	4.1	8.7	13.5	0.9	-	1.3	8.9	1.5	0.6	0.2	0.1	1.4	12.9	0.8	-	0.6	2.2	1.7	8.9	3.4	1.4	73.6
FEBRERO	31.3	14.4	15.8	13.8	14.1	2.7	1.3	4.1	9.1	1.0	0.2	-	0.2	1.3	9.8	14.2	58.1	3.1	21.3	4.3	0.6	1.8	18.9	9.8	251.2
MARZO	22.3	10.0	1.6	12.6	10.0	5.2	1.7	0.3	0.2	-	-	-	-	-	11.4	2.8	6.1	4.4	18.9	6.3	8.4	1.6	8.9	132.7	
ABRIL	13.5	27.0	13.6	15.8	3.7	2.1	1.4	10.0	1.5	0.2	0.1	0.6	2.4	0.5	9.4	5.8	34.6	39.9	21.6	15.9	28.1	2.9	2.9	7.7	261.2
MAYO	1.3	0.1	1.6	0.5	1.8	4.1	2.6	6.8	1.1	0.4	1.9	2.3	6.5	3.9	19.3	12.5	15.5	9.0	3.1	-	-	0.1	0.5	-	94.9
JUNIO	8.7	3.1	6.4	5.6	2.7	1.3	1.9	2.6	2.0	3.5	1.3	13.1	9.6	1.6	10.7	8.7	9.9	1.4	8.6	5.5	2.5	1.2	12.8	21.7	146.4
JULIO	13.1	7.4	9.0	22.6	20.8	10.2	4.3	1.5	1.0	0.9	0.3	0.2	-	0.2	1.2	0.2	0.5	2.4	-	0.3	0.5	0.1	1.3	6.2	104.2
AGOSTO	5.0	2.9	3.2	3.7	4.8	1.9	7.9	0.9	0.5	1.6	0.7	0.6	0.4	2.4	2.9	14.6	0.1	0.6	0.4	4.3	7.6	-	0.1	0.4	67.5
SEPTIEMBRE	14.7	8.9	4.0	1.7	1.0	0.7	0.5	0.7	0.2	-	4.0	0.9	0.3	0.4	12.7	4.1	1.7	2.5	15.9	3.2	4.0	6.6	12.1	6.8	107.6
OCTUBRE	40.5	53.9	18.8	11.6	4.1	3.4	3.6	0.8	0.3	0.2	0.3	1.3	7.8	17.0	9.4	11.8	5.3	5.0	1.5	27.3	27.1	27.5	6.5	21.4	312.4
NOVIEMBRE	5.4	3.9	1.0	14.8	3.5	1.9	1.6	0.2	-	1.4	2.8	-	23.2	7.9	1.0	6.4	23.9	1.8	7.5	42.4	53.2	71.9	48.4	23.0	354.8
DICIEMBRE	0.3	-	2.0	0.3	0.1	-	-	-	-	-	-	-	-	-	-	6.3	18.8	1.0	0.2	1.0	0.8	0.2	1.9	0.9	-
SUMA ANUAL	156.3	131.6	77.3	107.1	75.3	47.0	27.7	27.9	17.2	18.1	13.1	19.6	50.6	35.3	84.1	121.4	154.2	72.0	99.6	125.1	131.8	131.3	109.4	107.3	1940.3

RESUMEN DE ALGUNAS CARACTERÍSTICAS
DE LA PRECIPITACION

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MESES	TOTAL				CANTIDAD		DURACION			PRECIPITACION MAXIMA				DURACION MAXIMA					
	m. m.	Días	No. PRECIPITACIONES		Total Dia	Total Noche	Dia	Noche	Total	m. m.	Durac.	Int. Max. 6/m.	Int. Max. 1/m.	ht. mín.	m. m.	Int. Med.	Int. Max. 5 min.	Int. Max. 1 min. (calc.)	
			Día	Noche															Total	Int. Med.
Enero	74.4	10	12	8	20	28.3	46.1	13:55'	17:40'	31:35'	21.7	4:05'	0.09	2.4	0.5	7.1	0.02	0.5	0.1
Febrero	269.3	15	16	24	40	129.2	140.1	18:15'	40:40'	58:55'	61.0	2:00'	0.51	10.4	2.1	44.5	0.10	2.2	0.4
Marzo	113.8	15	16	22	38	42.2	71.6	12:10'	32:55'	45:05'	19.5	6:15'	0.05	2.0	0.4	19.5	0.05	2.0	0.4
Abril	261.2	22	31	30	61	125.7	135.5	33:05'	48:40'	82:45'	40.4	1:05'	0.62	8.0	1.6	17.7	0.04	2.0	0.4
Mayo	94.9	21	33	20	43	81.8	13.1	28:45'	10:10'	38:55'	14.9	1:30'	0.16	4.0	0.8	7.8	0.02	0.7	0.1
Junio	196.9	23	32	30	62	80.8	116.1	32:35'	38:00'	70:35'	50.5	6:30'	0.13	8.0	1.6	13.3	0.03	0.4	0.1
Julio	53.7	12	17	19	36	7.6	46.1	11:20'	33:05'	44:25'	17.6	5:35'	0.05	3.0	0.6	6.9	0.02	0.3	0.1
Agosto	67.7	12	14	15	29	37.1	30.6	10:35'	16:45'	27:20'	14.5	0:45'	0.38	6.3	1.3	10.7	0.04	1.1	0.2
Septbre.	107.4	16	17	10	27	43.4	64.0	16:40'	34:15'	50:55'	17.1	4:55'	0.06	4.0	0.8	14.6	0.03	1.0	0.2
Octbre.	312.4	20	26	25	51	69.8	242.6	21:40'	58:45'	80:25'	50.6	5:40'	0.15	7.0	1.4	35.1	0.06	2.5	0.5
Novbre.	(354.8	15	21	15	36	88.3	266.5	20:45'	40:05'	60:50'	129.8	7:30'	0.29	10.3	2.1	129.8	0.29	10.3	2.1
Dobre.	(33.8	5	6	6	12	28.3	5.5	5:05'	5:10'	10:15'	19.6	0:55'	0.36	10.0	2.0	0.8	0.01	0.2	-)
TOTALES	(1949.3	186	241	214	455	762.5	1177.8	224:50'	376:10'	601:00'	457.2	46:45'	XX	XX	XX	307.8	XX	XX	XX

BRILLO SOLAR DIARIO

AÑO 1-1968

ATURA 1.640 B.

PRECIPITACION DIARIA

ESTACION Vototz (Java) Cundinamarca

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre													
1	0.1	11.4	0.1	10.9	5.4	2.8	2.7	4.1	—	0.1	—	15.1													
2	—	14.8	0.1	—	1.6	24.8	2.9	1.0	12.2	—	2.8	1.8													
3	—	15.6	—	—	—	23.9	—	—	10.0	—	—	4.7													
4	—	—	—	—	—	3.5	0.1	0.5	0.5	—	0.4	9.5													
5	—	0.8	—	—	—	49.8	0.2	1.4	2.1	1.7	3.4	14.9													
6	—	—	—	—	—	4.3	1.5	2.3	2.7	—	—	—													
7	—	—	—	—	—	16.5	1.6	2.3	—	0.7	—	—													
8	—	—	—	—	—	1.7	15.5	2.6	—	0.3	0.3	3.9	8.7												
9	—	—	—	—	—	31.8	9.1	1.4	—	1.4	39.6	4.1	—												
10	—	0.6	—	—	—	11.7	—	—	—	—	2.6	1.7	—												
11	0.8	—	0.3	29.1	15.3	—	0.2	—	3.4	44.3	6.0	1.0													
12	0.5	—	0.1	60.0	19.0	2.6	—	—	9.0	2.8	21.2	6.9													
13	—	0.6	—	—	—	54.5	2.3	—	—	3.7	3.8	—													
14	4.9	—	—	—	—	2.4	6.7	3.0	0.2	—	—	16.9													
15	0.3	—	4.3	19.5	3.6	1.1	0.9	—	0.7	19.9	3.0	—													
16	—	—	26.5	23.9	1.3	17.0	—	—	6.9	8.0	29.4	—													
17	—	—	7.8	3.8	20.1	3.4	9.3	—	—	12.4	7.7	0.1													
18	—	—	—	9.6	6.0	0.2	2.4	—	0.2	5.2	25.8	10.6	0.1												
19	—	1.0	—	—	—	1.4	0.3	—	—	—	63.4	16.0	—												
20	2.4	5.3	—	—	—	2.1	1.0	—	1.4	0.7	0.6	1.2													
21	—	1.6	—	—	—	35.4	0.2	—	0.4	—	—	26.3	0.1												
22	1.5	9.6	—	—	—	5.7	11.2	—	24.1	5.2	11.6	2.6													
23	—	—	—	—	—	44.3	1.9	—	—	—	—	—													
24	23.1	9.9	—	—	—	9.0	9.9	0.7	1.7	—	—	4.0	5.6												
25	6.7	—	—	—	—	0.6	1.7	—	—	1.1	12.4	0.4	4.3												
26	—	—	—	—	—	6.5	6.9	1.3	—	7.1	8.3	—	1.5												
27	—	10.5	—	—	—	3.4	1.1	—	—	4.4	25.0	8.1	4.5												
28	—	15.6	1.6	—	—	1.2	1.1	—	—	9.4	10.1	11.0	—												
29	0.6	0.4	0.1	0.1	8.7	1.7	0.2	—	—	—	—	—													
30	18.4	—	0.5	6.0	6.1	3.9	—	—	—	0.4	0.1	0.7	5.1												
31	10.2	—	—	—	—	4.3	—	—	—	—	—	—													
Suma Mensual	69.5	97.7	51.2	404.7	155.2	172.7	52.4	34.8	125.8	277.2	222.3	68.3													
Días Lluviosos	12	14	11	23	25	28	21	14	20	21	24	14													
Total días lluviosos	227												TOTAL DEL AÑO 1.741.2 m.m.												
												TOTAL DEL AÑO 1.198.4 m.m.													

ABR 1968.

FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM.

ESTACION : JAVA

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	1	2	1	3	2	2	1	1	2	3	2	1	1	1	1	2	2	1	3	3	11
FEBRERO	2	1	2	2	1	1	1	1	1	1	1	1	3	2	2	3	3	3	4	5	1	4	5	3	15
MARZO	3	2	1	1	1	1	1	1	1	1	1	2	2	3	4	3	3	3	4	5	1	4	5	3	15
ABRIL	7	8	8	6	6	4	3	2	4	7	5	5	3	6	9	5	7	4	4	4	5	7	6	8	26
MAYO	3	4	2	2	2	1	1	1	1	6	8	6	8	9	9	9	9	4	2	2	3	3	3	3	24
JUNIO	2	4	7	7	4	4	5	5	2	2	7	11	11	9	8	4	2	4	3	2	2	3	6	4	27
AGOSTO	2	1	1	2	2	2	2	1	3	4	2	2	4	8	6	4	3	1	1	1	1	1	1	1	30
SEPTBRE.	3	4	4	4	3	2	1	1	1	2	4	4	6	6	2	3	1	2	1	1	1	1	1	1	15
OCTUBRE	3	3	5	5	6	6	5	2	3	5	6	5	3	5	3	5	5	3	2	3	3	2	2	2	20
NOVIEMBRE	2	3	4	5	2	2	1	1	1	1	3	4	7	7	6	4	5	3	8	4	4	4	3	7	22
DICIEMBRE	1	1	1	1	1	1	1	1	1	1	1	2	4	1	4	4	4	2	1	1	3	3	1	1	14
SUMA ANUAL	29	32	35	40	29	25	19	20	16	28	34	45	58	55	66	54	46	32	23	28	25	27	31	39	228

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	8	9	3	1	1	1	1	2	4	4	4	4	31	14	9	7	8	7	9	7	5	6	4	11
FEBRERO	3	2	1	1	1	1	3	3	5	5	5	5	28	15	9	7	9	11	6	8	8	8	9	18
MARZO	6	2	1	1	1	2	5	4	4	4	4	4	31	18	11	11	12	12	11	9	9	6	12	25
ABRIL	4	1	1	1	1	2	4	2	2	2	2	2	30	17	12	10	14	13	15	13	8	8	13	18
MAYO	7	3	1	1	1	1	1	1	1	1	1	1	31	15	9	12	9	10	16	11	8	8	11	13
JUNIO	3	5	1	1	1	1	1	1	1	1	1	1	30	15	14	12	16	15	15	11	12	5	7	16
AGOSTO	4	3	3	1	1	1	1	1	1	1	1	1	30	10	8	10	15	9	16	14	13	11	10	11
SEPTBRE.	8	4	2	1	1	1	1	1	1	1	1	1	31	12	9	4	8	8	7	11	9	2	5	9
OCTUBRE	5	4	1	1	1	1	1	1	1	1	1	1	30	10	7	6	8	14	11	6	6	6	6	12
NOVIEMBRE	4	8	2	1	1	1	1	1	1	1	1	1	30	17	13	12	16	17	20	11	12	11	14	15
DICIEMBRE	14	7	4	1	1	1	1	1	1	1	1	1	31	10	3	5	6	9	6	8	4	5	5	7
SUMA ANUAL	59	59	20	14	4	11	30	37	54	5	5	5	363	171	111	104	131	133	145	117	103	83	111	173

DIA	SUMAS HORARIAS DE BRILLO SOLAR												PRECIPITACION							
	8.7	8.8	8.9	8.10	8.11	11:02	12:13	13:14	14:15	15:16	16:17	17:18	7	14	20	SUMA MENSUAL m.m.	SUMAS DIAS LUVIOSOS	MAXIMA mm	DIA	
ENERO	-	2.7	13.8	14.8	12.2	10.3	11.0	11.2	10.1	14.4	14.9	6.8	36.0	13.5	13.9	69.5	12	23.1	24	
FEBRERO	0.1	4.4	10.5	11.5	6.3	8.2	6.0	8.7	10.4	12.0	11.5	3.2	48.5	20.2	34.7	97.7	14	15.6	7	
MARZO	-	3.3	14.5	11.7	7.2	5.6	6.9	7.9	9.0	13.4	11.4	1.7	42.3	13.3	25.1	51.2	11	26.5	16	
ABRIL	-	5.5	10.1	7.3	5.7	4.1	5.3	8.1	9.9	8.7	7.8	3.9	33.3	43.7	77.0	184.8	53.2	60.0	12	
MAYO	-	8.2	13.4	10.1	6.9	6.8	5.3	5.9	8.5	8.6	10.2	6.1	45.4	44.6	90.0	27.0	77.2	53.7	17	
JUNIO	-	4.2	7.9	8.3	5.8	3.6	4.7	5.8	6.6	12.8	9.6	5.0	29.8	44.5	74.3	96.2	63.8	8.9	172.7	28
JULIO	0.2	8.4	11.1	8.3	6.9	7.1	5.5	5.7	8.1	9.9	11.2	7.5	42.0	47.9	89.9	12.3	27.3	26.6	62.4	21
AGOSTO	-	8.4	13.8	13.4	11.3	11.6	10.7	12.1	12.1	15.1	16.0	9.3	58.5	75.3	133.8	9.0	16.7	9.1	34.8	14
SEPTIEMBRE	-	8.3	16.0	14.9	6.9	6.0	6.1	7.2	12.5	11.7	12.8	6.4	50.1	56.7	106.8	37.5	72.7	15.0	125.2	20
OCTUBRE	0.1	4.1	9.4	10.6	4.0	3.5	3.4	7.4	10.4	10.5	10.6	5.4	31.7	47.7	79.4	160.1	77.7	39.4	277.2	21
NOVIEMBRE	-	1.6	12.6	14.7	9.9	6.4	7.2	7.8	8.9	11.6	10.2	3.5	45.2	49.2	94.4	68.2	62.7	81.6	222.3	24
DICIEMBRE	-	5.2	13.1	20.0	15.0	11.4	9.7	10.0	13.8	16.7	19.5	10.8	64.7	80.5	145.2	10.6	23.0	38.5	68.3	14
SUMA ANUAL	0.4	62.3	146.8	145.6	98.1	84.6	81.8	97.8	120.3	145.4	145.7	69.6	537.8	660.6	1198.4	703.4	521.3	516.5	1741.2	227

SUMAS HORARIAS DE LA PRECIPITACION

MESES	SUMAS HORARIAS DE LA PRECIPITACION																								TOTAL	
	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		
ENERO	0.1	0.8	-	8.3	1.7	1.3	2.9	4.4	2.8	0.4	0.6	0.5	4.8	-	12.4	1.6	6.5	-	-	-	1.7	9.8	10.1	3.3	67.4	
FEBRERO	2.3	0.1	2.8	1.4	1.7	2.9	4.9	2.5	0.4	0.2	-	0.9	9.8	6.4	0.4	8.6	4.5	8.1	6.9	6.2	1.2	11.6	11.5	4.2	99.5	
MARZO	3.1	2.6	0.3	0.2	0.1	-	-	-	-	-	-	0.7	5.2	7.4	20.7	4.0	0.4	-	-	-	-	-	6.0	0.8	51.5	
ABRIL	25.2	15.2	19.8	28.1	6.2	13.5	6.9	0.5	2.6	6.1	11.0	3.4	9.5	20.1	67.1	44.1	20.4	8.3	1.8	22.3	9.1	9.8	29.7	21.3	402.0	
MAYO	9.2	2.9	1.0	3.9	1.9	0.1	-	-	0.2	18.3	23.4	11.9	18.5	4.9	8.6	16.2	24.7	2.2	0.4	1.6	1.2	2.5	2.4	1.9	157.9	
JUNIO	0.7	2.7	19.5	18.9	19.8	15.7	9.8	3.0	0.6	5.5	16.6	7.2	22.3	8.6	4.0	3.1	0.4	2.1	1.1	0.2	0.5	4.3	3.8	0.5	168.9	
JULIO	-	-	-	1.1	0.9	1.9	3.3	-	1.8	0.8	1.0	6.4	0.6	12.6	4.1	16.5	2.0	4.9	1.8	0.8	0.6	-	0.8	4.3	66.2	
AGOSTO	4.4	1.5	0.2	0.5	0.1	1.4	0.2	-	-	1.7	4.4	3.9	3.8	2.9	4.9	1.2	1.3	0.1	1.4	0.2	0.2	-	-	0.5	34.8	
SEPTIEMBRE	5.7	6.6	3.0	6.7	10.8	0.3	-	-	-	7.5	35.9	5.6	26.7	1.9	3.3	2.1	3.8	3.7	0.2	0.3	-	-	4.1	125.2		
OCTUBRE	3.2	6.9	24.3	29.2	48.5	28.9	11.7	11.3	3.5	3.6	9.2	34.3	13.5	4.3	16.7	10.1	2.1	1.5	0.6	8.4	1.5	3.1	1.7	1.1	277.2	
NOVIEMBRE	1.2	1.8	5.5	10.6	0.9	0.3	6.2	0.1	2.7	2.7	7.6	6.3	26.4	16.9	14.4	5.7	15.9	25.9	17.9	7.8	5.7	17.0	14.7	4.6	218.8	
DICIEMBRE	2.4	1.1	-	-	-	-	-	0.1	0.1	-	8.1	2.6	12.0	9.4	7.1	0.2	0.4	1.7	2.6	2.4	0.4	1.7	2.6	2.4	0.1	71.8
SUMA ANUAL	57.5	42.2	77.5	108.7	93.6	67.7	42.6	23.7	13.7	39.6	86.7	108.7	134.6	114.6	176.5	109.8	86.6	60.9	34.8	47.9	23.1	60.7	83.1	46.7	1743.2	

RESUMEN DE ALGUNAS CARACTERISTICAS
DE LA PRECIPITACION

539

MESES	TOTAL				CANTIDAD			DURACION			PRECIPITACION MAXIMA					DURACION MAXIMA				
	m. m.	Dias	No. Precipitaciones		Total Dia	Noche	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	69.5	12	12	9	21.3	48.2	9:05'	15:35'	24:40'	20.1	6:00'	0.06	3.5	0.7	6:00'	20.1	0.06	3.5	0.7	
Febrero	97.7	14	16	10	53.2	44.5	15:00'	17:45'	32:45'	15.6	2:15'	0.12	3.0	0.6	6:50'	13.1	0.03	4.4	0.3	
Marzo	51.2	11	12	6	38.4	12.8	9:50'	6:35'	16:25'	17.4	1:45'	0.16	4.5	0.9	3:15'	9.6	0.05	0.9	0.2	
Abril	404.7	23	38	31	195.2	209.5	34:35'	54:30''	89:05'	60.0	2:00'	0.50	9.0	1.8	7:55'	11.8	0.02	1.4	0.3	
Mayo	155.2	25	40	15	130.9	24.3	39:30'	13:00'	52:30'	20.1	2:10'	0.15	3.0	0.6	2:35'	19.0	0.12	2.2	0.6	
Junio	172.7	28	39	28	69.8	102.9	31:50'	32:30'	64:20'	49.9	4:55'	0.17	2.0	0.4	4:55'	49.9	0.17	2.0	0.4	
Julio	62.4	21	26	6	53.9	8.5	21:00'	5:45'	26:45'	12.6	1:15'	0.17	3.0	0.6	3:35'	4.8	0.02	0.5	0.1	
Agosto	34.8	14	20	8	25.8	9.0	15:10'	7:10'	22:20'	5.5	1:55'	0.05	0.6	0.1	2:45'	4.4	0.03	0.6	0.1	
Septbre.	125.2	20	19	11	87.7	37.5	18:40'	14:30'	33:10'	25.0	2:20'	0.18	3.5	0.7	4:20'	10.0	0.04	1.0	0.2	
Octbre.	277.2	21	28	16	120.9	156.3	31:05'	28:50'	59:55'	58.8	4:05'	0.24	7.0	1.4	6:30'	31.6	0.08	2.0	0.4	
Novbre.	222.3	24	30	20	150.0	72.3	36:40'	21:50'	58:30''	29.4	1:55'	0.26	5.0	1.0	4:00'	5.6	0.02	1.0	0.2	
Dicbre.	68.3	14	16	4	61.8	6.5	14:45'	3:10'	17:55'	14.9	1:55'	0.13	2.0	0.4	2:50'	9.3	0.05	1.1	0.2	
TOTALES	1741.2	227	296	164	1008.9	732.3	277:10'	221:10'	498:20'	329.3	32:30'	XX	XX	XX	55:30'	189.2	XX	XX	XX	

BRILLO SOLAR DIARIO

AÑO 1.968

PRECIPITACION DIARIA

ESTACION Villarrica - Tolima

ALTURA 1.600 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.
1	13.1	15.2	2.3	11.1	1.2	13.4	5.6	0.8	-	-	-	-
2	7.0	6.3	5.1	11.5	1.9	0.2	9.0	2.1	-	-	-	-
3	2.4	4.6	13.5	1.3	0.3	0.4	25.2	1.1	-	-	-	-
4	7.5	7.8	1.5	7.8	0.8	0.2	1.2	-	-	-	-	-
5	2.5	16.0	9.9	11.5	16.0	0.2	1.7	2.5	-	-	-	-
6	35.9	6.3	3.9	0.5	1.3	-	1.6	0.5	26.2	-	-	-
7	18.3	1.3	1.3	-	-	-	2.2	2.8	1.6	-	-	-
8	0.1	0.9	12.3	6.3	6.8	0.4	1.1	-	20.8	6.1	2.0	-
9	1.0	-	64.9	6.6	18.5	-	0.9	-	6.2	-	10.9	-
10	0.5	0.2	7.4	7.3	1.0	2.3	-	4.4	-	0.9	-	-
11	-	-	1.1	12.3	9.1	3.3	6.4	-	9.1	4.0	0.4	16.3
12	2.5	-	38.8	12.8	5.1	-	0.7	1.9	6.2	0.1	-	-
13	0.6	0.2	0.6	16.7	5.9	-	-	0.9	-	14.5	38.0	-
14	0.2	-	0.7	11.6	2.0	-	6.4	-	4.8	90.0	-	-
15	-	-	0.2	27.6	8.3	0.8	2.3	0.9	-	7.7	17.3	0.2
16	0.8	-	4.5	0.2	6.1	11.1	1.4	0.6	0.5	4.3	1.4	-
17	-	-	5.3	29.1	10.5	3.1	-	1.2	5.0	3.5	1.8	-
18	0.3	1.2	8.4	4.6	24.6	2.1	2.4	1.6	-	5.0	18.3	-
19	0.2	9.1	0.1	8.9	0.3	4.6	0.8	5.1	3.2	53.9	26.4	4.7
20	4.4	6.0	-	1.5	0.9	0.8	4.5	0.7	-	22.2	30.0	-
21	0.8	10.8	-	11.5	8.0	2.6	2.8	3.7	-	1.2	19.9	-
22	7.7	-	8.0	0.5	7.2	12.1	2.0	1.4	2.0	9.7	-	-
23	-	-	2.5	11.2	0.4	0.6	1.7	2.6	-	6.3	3.7	15.1
24	10.3	-	1.7	14.0	6.3	1.2	0.2	5.2	-	10.2	-	13.1
25	3.2	0.4	-	10.8	8.6	5.4	8.0	10.3	3.5	6.3	0.3	10.3
26	-	-	0.3	-	17.7	15.1	0.3	-	6.2	2.5	1.8	-
27	-	12.7	0.3	4.3	-	3.8	0.3	-	82.1	8.3	4.8	1.9
28	-	3.6	0.2	4.7	23.2	14.6	3.0	12.6	10.0	2.7	4.5	-
29	0.6	-	12.6	6.5	-	6.0	7.0	1.0	13.3	12.1	43.2	-
30	28.1	-	0.4	-	2.6	1.0	-	14.3	8.7	2.2	-	-
31	-	-	0.4	-	21.7	-	1.6	14.6	-	0.4	-	-
Suma Mensual	59.7	69.1	65.8	362.4	240.3	158.5	51.6	102.7	186.6	223.9	321.0	116.6
Dias Lluviosos	13	16	20	25	28	28	23	26	17	31	21	15

Total de días lluviosos : 253 TOTAL DEL AÑO 1.968,2 m.m. TOTAL DEL AÑO 1.143.4 m.m.

ESTACION: VILLARRICA FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM. AÑO 1.968

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	4	3	4	2	2	2	2	2	2	1	1	4	3	2	1	2	2	1	1	1	1	1	1	15	
FEBRERO	3	2	1	1	1	1	1	1	3	2	4	6	4	6	1	4	3	2	3	1	1	2	2	2	17	
MARZO	4	3	1	1	4	3	2	1	1	3	1	6	6	4	4	4	5	4	2	1	3	2	3	5	21	
ABRIL	8	8	10	9	9	6	3	1	2	5	7	12	15	7	6	5	4	7	7	7	3	6	4	8	25	
MAYO	8	7	4	4	5	4	4	6	8	7	7	10	11	10	10	10	11	10	10	10	11	9	2	6	28	
JUNIO	6	4	2	2	2	3	4	5	5	4	12	8	12	11	11	10	8	4	4	4	1	3	5	27	21	
JULIO	3	1	1	1	1	1	1	2	5	6	7	13	10	7	7	6	5	3	4	3	1	1	1	2	25	
AGOSTO	2	3	1	1	1	2	4	1	6	5	4	5	9	8	5	5	6	3	3	6	5	4	7	4	27	
SEPTBRE.	3	2	2	1	1	1	1	1	2	6	7	10	9	5	3	2	1	2	3	4	3	3	4	4	19	
OCTUBRE	2	4	8	7	11	10	6	6	9	6	8	6	7	3	4	8	7	9	17	17	4	11	16	6	31	
NOVBRE.	4	7	5	4	5	3	2	2	1	2	3	5	7	7	5	5	4	4	1	2	3	4	5	4	20	
DICBRE.	2	1	1	1	1	1	1	1	2	4	6	4	2	3	4	2	4	2	4	6	4	3	3	2	3	15
SUMA ANUAL	49	42	40	37	44	39	27	33	41	45	65	85	99	74	63	66	61	57	60	58	43	46	48	50	270	

Frecuencia Horaria del Brillo Solar

MESES	Frecuencia a Pleno Sol												Frecuencia sir 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	7	6	1	2	1	1	1	1	1	1	1	27	9	7	7	11	9	14	13	12	8	8	19
FEBRERO	2	2	3	1	1	1	1	1	1	1	1	1	18	4	6	8	12	18	13	10	9	10	12	19
MARZO	5	5	3	1	1	1	1	1	1	2	1	1	17	13	5	8	10	14	18	14	13	11	12	28
ABRIL	2	5	4	2	1	1	1	2	1	1	1	1	24	17	16	11	19	21	13	14	18	20	21	24
MAYO	2	3	2	1	1	2	1	4	2	1	1	1	27	22	17	17	21	17	20	18	18	17	27	28
JUNIO	4	3	2	1	1	1	1	1	1	1	1	1	23	17	11	12	14	16	15	14	12	13	14	16
JULIO	1	7	2	2	2	3	4	1	2	4	3	2	21	12	7	10	10	15	12	11	7	4	8	13
AGOSTO	5	4	8	5	4	3	2	3	11	4	2	1	18	12	5	6	6	12	9	13	10	10	14	20
SEPTBRE.	3	7	6	1	2	1	1	1	3	5	4	1	16	8	10	11	15	19	16	15	11	8	10	15
OCTUBRE	1	7	7	3	1	2	4	2	4	3	1	1	31	19	16	16	16	19	22	21	16	18	19	25
NOVIEMBRE	8	9	7	5	3	3	3	3	6	5	2	1	26	15	11	11	16	20	18	18	13	14	20	27
DICIEMBRE	5	9	6	1	1	1	1	1	5	5	2	1	25	4	5	4	5	9	10	8	8	7	12	15
SUMA ANUAL	41	68	56	23	16	17	19	27	38	23	6	273	152	116	121	121	155	189	180	169	147	140	177	249

D	SUMAS HORARIAS DE BRILLO SOLAR																PRECIPITACION					
	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	7	14	20	SUMA MENSUAL mm	SUMAS DIA	MAXIMA mm	DIA	
ENERO	0.5	14.1	17.1	16.5	8.9	9.2	7.6	6.1	8.8	8.7	8.1	2.8	66.3	42.8	109.1	47.2	7.8	4.7	59.7	13	28.1	30
FEBRERO	1.5	12.2	13.1	10.4	6.9	3.5	7.1	7.5	7.3	6.5	6.1	2.8	47.6	37.0	84.6	26.6	22.6	19.9	69.1	16	13.1	1
MARZO	3.0	11.0	14.5	12.4	7.4	5.9	5.5	5.4	7.3	11.4	10.9	0.7	54.2	41.2	95.4	35.1	10.4	20.3	65.8	20	15.2	1
ABRIL	2.4	6.3	9.9	10.9	5.0	4.4	7.0	9.0	5.7	5.0	4.0	1.8	38.9	32.5	71.4	176.7	89.4	96.3	162.4	25	64.9	9
MAYO	2.4	5.5	7.9	6.6	4.7	7.3	5.9	6.2	7.5	6.2	2.2	1.1	34.4	29.1	63.5	57.8	100.3	82.2	240.3	28	24.6	18
JUNIO	1.6	7.6	9.3	9.2	7.7	6.2	5.2	6.0	6.1	7.6	7.7	6.4	41.6	39.0	80.6	20.4	100.9	37.2	158.5	28	18.5	9
JULIO	2.1	7.5	14.9	10.3	7.8	5.7	8.4	8.5	10.7	11.1	11.8	9.9	48.3	60.4	108.7	5.2	39.6	16.7	61.6	23	12.1	22
AGOSTO	3.1	10.3	12.9	15.6	18.5	10.1	10.4	9.5	9.5	15.4	11.7	5.8	64.5	62.3	126.8	25.8	61.4	15.6	102.7	26	14.6	31
SEPTIEMBRE	2.9	12.0	13.9	12.7	6.4	5.9	3.5	6.3	8.3	12.4	12.9	5.5	53.8	48.9	102.7	22.9	113.8	41.7	186.6	17	82.1	27
OCTUBRE	-	6.2	10.9	11.0	8.0	5.8	5.4	6.5	7.3	7.6	8.1	2.7	41.9	37.6	79.5	125.1	53.0	54.0	223.9	31	53.9	19
NOVIEMBRE	0.9	10.8	13.3	12.0	9.2	6.2	6.9	7.2	10.9	9.2	5.1	1.6	52.4	40.9	93.3	92.8	172.1	56.1	321.0	21	90.0	14
DICIEMBRE	2.4	14.5	17.1	17.3	9.1	10.1	8.3	8.9	12.2	13.0	11.0	3.9	70.5	57.3	127.8	10.3	51.3	55.0	116.6	15	36.3	11
SUMA ANUAL	22.8	118.0	154.8	144.9	93.6	80.3	81.2	87.1	101.3	114.1	100.3	45.0	614.4	529.0	1143.4	645.9	822.6	499.7	1968.2	263	453.4	-

SUMAS HORARIAS DE LA PRECIPITACION

MESES	SUMAS HORARIAS DE LA PRECIPITACION																								TOTAL
	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	
ENERO	33.4	1.5	2.6	2.7	1.5	3.0	1.2	1.5	1.6	0.4	0.5	0.1	1.2	2.5	1.8	0.1	1.5	0.7	0.6	-	0.6	0.1	-	0.6	59.7
FEBRERO	6.1	-	3.2	2.2	3.0	3.2	1.0	0.7	3.4	7.8	1.1	5.4	1.0	3.2	2.5	5.8	2.8	5.5	2.9	0.4	3.4	0.2	0.7	3.5	69.1
MARZO	2.4	5.4	0.2	1.1	0.8	6.4	0.3	1.1	0.5	0.6	3.8	2.3	2.1	-	2.7	10.0	3.6	3.6	0.3	0.1	2.9	2.2	6.4	7.0	65.8
ABRIL	48.2	19.1	22.7	11.9	8.2	4.0	4.0	0.1	6.7	4.4	19.4	23.3	33.1	8.4	4.3	5.4	4.6	17.3	35.5	29.2	3.6	10.7	8.4	39.5	362.4
MAYO	6.3	5.5	1.1	2.3	3.3	4.0	8.4	3.5	9.2	15.4	7.9	35.8	14.6	13.9	11.4	11.8	8.5	8.7	22.2	19.6	10.2	5.2	0.7	10.8	240.3
JUNIO	1.3	1.1	0.5	0.4	2.5	1.6	1.0	1.9	1.3	2.9	22.2	27.8	21.6	23.2	7.4	10.4	8.9	7.8	1.0	1.7	2.1	1.9	6.5	1.5	150.5
JULIO	0.4	1.2	0.2	0.1	0.1	1.0	0.3	1.0	11.0	5.3	3.9	4.1	12.0	2.3	2.9	3.0	5.0	2.3	2.3	0.8	0.1	-	0.5	1.3	61.5
AGOSTO	1.7	0.3	0.9	0.6	1.0	2.3	0.5	1.9	2.7	3.9	10.2	17.8	5.4	19.5	4.8	1.2	3.7	0.4	0.8	4.7	2.8	3.8	7.6	4.3	102.8
SEPTIEMBRE	7.6	-	1.6	1.2	0.1	0.1	0.3	0.5	-	50.7	25.4	5.9	17.6	13.7	3.1	10.2	3.8	0.2	6.9	17.5	9.3	4.3	1.9	4.2	186.1
OCTUBRE	1.3	3.4	9.8	13.6	18.7	14.5	4.1	1.6	4.2	4.5	6.8	7.1	21.6	7.2	0.6	1.9	12.2	2.6	22.3	14.4	1.2	18.7	24.7	7.4	224.4
NOVIEMBRE	8.7	30.9	6.3	3.4	5.1	7.2	1.2	0.2	0.1	0.5	54.1	34.0	51.5	31.7	4.5	1.8	8.5	9.3	0.4	31.8	3.8	4.8	11.3	10.1	321.0
DICIEMBRE	1.7	0.3	0.1	0.4	0.6	0.1	-	-	-	0.3	2.5	30.9	1.6	16.0	25.2	2.0	0.9	6.0	12.1	8.8	3.0	1.3	1.1	1.7	116.6
SUMA ANUAL	119.1	68.7	49.2	40.0	44.9	47.4	18.7	14.0	34.7	96.7	157.8	194.5	183.3	141.6	71.2	64.0	63.8	64.4	107.3	129.0	43.0	53.2	69.8	91.9	1968.2

BRILLO SOLAR DIARIO

AÑO 1.968

PRECIPITACION DIARIA

ESTACION La Unión - Martillo

ALTURA 1.400 m

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	—	21.3	3.0	—	—	56.3	0.3	—	13.4	9.5	—	—
2	—	12.9	0.2	—	—	0.7	—	—	—	—	—	—
3	—	13.3	17.5	0.5	—	0.2	1.8	—	—	—	—	1.6
4	—	10.2	—	—	—	1.3	0.3	—	—	1.8	—	—
5	—	0.3	—	—	—	13.8	—	0.6	—	—	—	—
6	—	0.2	—	—	—	1.9	—	0.2	—	—	—	—
7	0.3	—	—	—	—	—	—	—	—	48.0	—	—
8	—	—	10.5	0.5	1.2	—	—	—	—	43.2	1.8	9.2
9	—	—	33.8	0.4	58.7	—	—	—	2.0	23.0	—	—
10	—	—	0.6	8.7	38.8	7.3	0.6	—	—	43.5	19.0	0.1
11	—	—	—	2.8	25.0	0.6	—	—	—	—	—	—
12	—	—	—	0.1	0.6	24.2	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—
17	0.1	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—
22	1.7	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—
31	15.8	—	—	—	—	—	—	—	—	—	—	—
Suma Mensual	53.8	97.2	180.1	173.7	114.6	84.2	34.7	26.3	89.8	394.5	210.0	98.3
Días Lluviosos	9	18	17	17	11	13	7	7	10	24	16	13
Total días lluviosos i 162	TOTAL DEL AÑO 1.557.2 m.m.											
TOTAL DEL AÑO 1.716.5 m.m.												

ESTACION : LA UNION FRECUENCIA HORARIA DE LA PRECIPITACION MAS DE 0.1 MM. Año: 1968

MESES	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	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	1	1	1	2	1	1	4	3	2	2	2	2	2	4	3	3	2	2	1	10
FEBRERO	7	6	6	5	5	4	3	2	1	4	3	3	2	5	6	6	3	4	4	3	3	4	6	6	18
MARZO	4	5	2	2	3	2	1	1	1	1	1	2	5	6	6	8	4	6	5	4	5	6	5	15	
ABRIL	3	4	4	4	2	2	4	2	2	3	6	5	11	10	5	6	7	7	3	7	5	6	5	18	
MAYO	1	2	-	-	-	1	1	-	1	2	3	2	2	5	3	2	2	1	2	2	2	2	4	12	
JUNIO	5	4	3	3	3	2	2	1	1	2	1	1	3	3	2	3	4	3	3	3	3	4	4	15	
JULIO	1	2	1	1	1	1	1	-	-	1	2	1	1	3	2	1	1	1	1	1	2	3	1	8	
AGOSTO	-	-	1	-	-	-	-	-	-	1	2	1	2	1	2	1	-	-	1	1	1	2	-	2	8
SEPTBRE.	2	3	3	3	2	2	-	-	-	2	1	3	3	2	1	3	3	1	3	2	1	2	1	13	
OCTUBRE	(3	3	2	1	1	2	-	-	-	1	1	1	-	1	2	2	4	4	1	1	2	3	3	7	
NOVIEMBRE	3	5	4	3	2	1	1	1	1	1	1	4	5	7	8	7	5	9	8	6	7	4	4	18	
DIEMBRE	4	3	2	2	2	2	1	-	-	2	2	1	1	5	5	3	2	2	1	2	2	2	5	14	
SUMA ANUAL	(33	37	28	24	23	21	18	8	9	12	17	23	29	39	40	44	45	38	40	38	34	37	38	41	156

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	5	6	4	7	9	7	6	3	-	-	27	9	8	7	8	5	7	6	6	6	8	13	31
FEBRERO	-	2	2	3	1	2	4	1	-	-	-	-	23	12	12	9	7	7	9	7	13	17	24	29	
MARZO	-	4	5	4	5	2	4	3	1	2	-	-	23	12	9	8	13	9	14	7	8	13	22	31	
ABRIL	-	3	5	5	2	4	1	3	3	1	1	-	21	15	9	10	12	7	9	8	10	10	13	22	
MAYO	-	12	11	13	12	12	12	9	7	4	6	-	5	4	2	3	4	2	4	3	4	6	7	11	
JUNIO	-	5	4	4	5	3	8	2	2	2	-	-	13	7	3	8	6	3	4	5	5	7	13	16	
JULIO	-	10	13	9	9	8	7	8	9	6	5	-	10	6	3	2	7	4	4	2	4	5	4	14	
AGOSTO	-	11	11	8	5	7	5	5	4	3	5	-	12	5	3	1	4	1	2	5	4	4	8	16	
SEPTBRE.	-	6	9	9	5	5	6	3	4	-	-	-	17	10	6	4	5	3	1	4	4	7	12	29	
OCTUBRE	-	4	3	-	4	4	6	7	4	1	-	-	25	10	12	11	13	10	6	7	10	13	22	31	
NOVIEMBRE	-	5	5	2	2	6	7	6	5	2	-	-	23	13	8	9	9	9	6	8	12	12	16	30	
DIEMBRE	-	2	7	5	6	6	7	9	5	2	-	-	29	9	3	6	3	3	5	4	3	8	15	31	
SUMA ANUAL	-	65	80	68	60	66	71	63	49	30	19	-	228	112	78	78	91	63	71	66	83	110	169	291	

D I A M E S	SUMAS HORARIAS DE BRILLO SOLAR												PRECIPITACION									
	6-7	7-8	8-9	8-10	10-11	11-12	12-13	13-14	14-15	15-18	16-17	17-18	SUMA MAÑANA	SUMA TARDE	SUMA MENSUAL	7	14	20	SUMA MENSUAL m.m.	SOSEQUIA %10	MAXIMA m.m.	ORA
ENERO	0.7	12.7	14.4	14.4	14.6	16.0	17.0	16.1	16.2	12.4	7.4	-	72.8	69.1	141.9	1.9	11.0	26.7	53.8	9	21.1	25
FEBRERO	1.0	8.0	8.3	9.2	8.9	9.9	12.1	10.2	5.3	3.2	1.4	-	45.3	32.2	77.5	75.4	9.5	26.5	97.2	18	21.3	1
MARZO	2.5	12.2	2.9	12.3	11.3	10.9	10.3	13.2	13.1	8.1	3.6	-	62.1	48.3	110.4	79.3	27.2	73.6	180.1	17	59.2	16
ABRIL	4.2	9.4	13.2	12.1	12.4	13.1	10.7	11.8	11.6	8.8	6.4	1.2	64.4	50.5	114.9	57.4	43.0	73.3	173.7	17	36.8	9
MAYO	12.7	19.5	21.3	20.9	20.6	20.9	21.2	21.0	18.5	15.2	15.0	8.2	115.9	99.1	215.0	48.6	13.3	52.7	114.6	11	58.7	8
JUNIO	9.0	15.6	17.1	15.4	13.3	14.7	16.2	14.8	12.7	13.1	9.2	6.3	85.1	72.3	157.4	55.9	4.2	24.1	84.2	13	56.3	1
JULIO	9.1	18.2	20.6	21.1	15.9	18.3	18.1	19.0	17.1	15.8	14.0	7.1	103.2	91.1	194.3	8.3	12.1	14.3	34.7	7	23.1	16
AGOSTO	7.9	18.6	19.3	19.7	17.2	16.9	16.9	16.8	13.7	15.0	16.3	5.2	99.6	83.9	183.5	0.5	1.0	7.1	26.3	7	24.7	31
SEPTIEMBRE	5.5	13.3	15.8	18.0	16.9	18.1	20.3	15.9	15.1	12.9	9.2	0.3	87.6	73.7	161.3	66.5	18.0	23.0	89.8	10	29.5	18
OCTUBRE	1.4	11.5	11.7	8.1	9.2	12.2	15.7	12.3	12.3	8.4	2.9	-	54.1	51.6	105.7	308.9	10.1	81.5	394.5	24	69.5	19
NOVIEMBRE	1.2	10.4	11.4	8.7	10.0	13.9	15.6	14.7	11.4	8.7	3.9	-	55.6	54.3	109.9	54.1	28.6	127.3	210.0	16	39.6	23
NOVIEMBRE	0.5	11.1	16.4	14.5	18.1	16.3	17.2	18.4	15.3	10.6	6.3	-	76.9	67.8	144.7	52.7	3.8	41.8	98.3	13	35.6	22
SUMA ANUAL	55.7	160.5	182.4	174.4	168.4	181.2	191.3	184.2	162.3	132.2	95.6	28.3	922.6	793.9	1716.5	803.5	181.8	571.9	1557.2	162	477.4	-

SUMAS HORARIAS DE LA PRECIPITACION

MESES	SUMAS HORARIAS DE LA PRECIPITACION																				TOTAL				
	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
ENERO	-	-	-	-	0.4	0.4	0.4	0.1	0.2	0.1	0.3	0.2	8.6	1.5	14.1	0.8	3.2	2.6	0.5	5.5	2.0	3.1	7.6	1.8	53.4
FEBRERO	9.0	11.2	16.6	7.8	3.4	1.4	1.3	3.6	0.4	1.1	0.6	1.7	1.8	0.3	3.3	6.4	7.2	1.5	5.7	2.4	1.4	2.1	2.7	4.7	97.6
MARZO	6.7	7.7	1.9	0.6	1.0	1.0	1.5	0.6	1.1	0.7	-	0.7	21.8	2.3	11.7	17.3	27.2	4.6	8.9	3.9	5.9	2.0	8.5	5.5	180.1
ABRIL	0.9	3.9	9.5	7.5	2.1	0.7	0.6	0.9	1.5	2.1	6.4	6.4	12.2	13.5	21.9	7	17.4	9.5	13.3	4.2	11.2	7.3	9.2	4.5	173.7
MAYO	8.6	0.3	-	-	-	0.1	0.2	-	0.4	0.9	0.4	3.6	4.0	4.0	17.3	0.4	0.3	0.7	17.9	16.1	26.1	7.0	4.6	1.7	114.6
JUNIO	6.3	4.5	0.4	0.7	1.1	1.0	0.4	1.0	0.3	0.5	0.5	0.1	1.2	0.6	0.3	8.6	6.8	1.4	0.9	6.1	11.4	12.0	11.8	6.3	84.2
JULIO	0.7	4.5	0.2	0.5	0.3	0.2	0.2	-	-	0.1	0.3	0.2	0.3	11.2	1.8	3.7	1.7	0.9	2.2	4.0	0.3	0.3	0.5	0.6	34.7
AGOSTO	-	-	0.1	-	-	-	-	-	-	-	0.2	0.2	0.4	0.2	0.1	-	-	-	-	7.0	6.8	0.2	-	0.3	15.5
SEPTIEMBRE	2.6	5.5	9.8	4.3	10.5	2.6	0.2	-	-	-	8.2	0.3	4.8	4.7	2.2	7.7	2.4	1.1	1.3	8.3	21.4	1.6	0.9	0.2	100.6
OCTUBRE	11.0	3.5	2.5	0.4	0.1	0.2	-	-	-	-	3.6	0.7	0.3	-	4.3	6.0	13.3	7.8	2.5	0.5	0.2	0.7	10.3	19.5	87.4
NOVIEMBRE	1.6	14.3	8.4	3.1	1.2	0.4	0.2	0.2	0.5	0.4	1.0	0.3	7.6	18.6	6.7	6.7	10.9	32.3	54.9	15.8	10.9	8.7	3.7	1.6	210.0
NOVIEMBRE	9.0	10.3	6.8	1.5	0.9	1.0	0.1	-	-	-	0.5	3.0	0.3	7.2	13.3	7.3	2.8	1.0	1.0	10.2	3.9	1.6	1.7	15.9	98.3
SUMA ANUAL	56.4	65.7	56.2	26.4	21.0	9.0	5.1	6.4	4.4	5.9	21.5	14.9	66.0	57.2	90.9	7.9	97.7	65.2	109.1	84.0	101.5	83.6	61.5	62.6	1950.1

RESUMEN DE ALGUNAS CARACTERISTICAS DE LA PRECIPITACION

Estación: L. A. U. R. I. G. R.

Año 1.966

547

MESES	TOTAL			Nº. PRECIPITACIONES		CANTIDAD		DURACION				PRECIPITACION MAXIMA					DURACION MAXIMA				
	m. m.	Días	Noche	Día	Noche	Total	Noche	Día	Noche	Total	m. m.	Durec.	Int. Med.	Int. Max. 5/m.	Int. Max. 1/m.	h. mín.	m. m.	Int. Med.	Int. Max. 5 mín.	Int. Max. 1 mín. (calc.)	
Enero	53.8	9	18	6	24	37.4	16.4	11:40'	8:40'	20:20'	15.7	1:55'	0.14	4.0	0.8	5:00'	14.7	0.05	1.0	0.2	
Febrero	97.2	18	29	17	46	34.6	62.6	26:50'	38:55'	65:45'	20.8	4:00'	0.09	2.0	0.4	11:50'	14.2	0.02	0.8	0.2	
Marzo	180.1	17	22	17	39	102.7	77.4	29:35'	29:00'	58:35'	38.6	13:00'	0.05	6.5	1.3	13:00'	38.6	0.05	6.5	1.3	
Abril	173.7	17	38	22	60	116.5	57.2	40:30'	27:15'	67:45'	26.3	7:10'	0.06	4.0	0.8	7:10'	26.3	0.06	4.0	0.8	
Mayo	114.6	11	15	7	22	32.0	82.6	10:30'	12:15'	22:45'	52.0	5:15'	0.16	4.0	0.8	5:15'	52.0	0.16	4.0	0.8	
Junio	84.2	13	12	14	26	10.0	74.2	9:25'	32:25'	41:50'	56.2	10:30'	0.09	3.0	0.6	10:30'	56.2	10.09	3.0	0.6	
Julio	34.7	7	11	5	16	26.7	8.0	9:55'	9:25'	19:20'	9.7	2:40'	0.06	4.0	0.8	4:05'	1.9	0.01	0.2	--	
Agosto	26.3	7	7	6	13	1.1	25.2	1:45'	4:15'	6:00'	13.9	1:30'	0.15	3.0	0.6	2:00'	10.8	0.98	2.5	0.5	
Septbre.	89.8	10	15	12	27	61.3	28.5	12:05'	13:10'	25:15'	28.3	1:05'	0.44	7.5	1.5	6:00'	21.5	0.06	2.0	0.4	
Octbre.	(87.4	5	8	7	15	39.2	48.2	13:15'	16:15'	29:30'	22.3	5:35'	0.07	3.0	0.6	6:25'	14.9	0.04	0.9	0.2	
Novbre.	210.0	16	25	18	43	127.4	62.6	47:30'	23:00'	70:30'	37.6	3:55'	0.16	7.7	1.5	11:35'	33.0	0.05	3.5	0.7	
Dicbre.	98.3	13	15	10	25	43.7	54.6	14:35	19:35'	34:10'	29.9	7:25'	0.07	2.5	0.5	7:25'	29.9	0.07	2.5	0.5	
TOTALES	(1250.1	143	215	141	356	632.6	617.5	227:15'	234:10'	461:45'	351.3	64:00'	XX	XX	XX	90:15'	314.0	XX	XX	XX	

PUESTOS PLUVIOMETRICOS

PRECIPITACION DIARIA

AÑO 1.968

ESTACION Toledo (Román) N. Santander

DIA	ESTACION Riobacha (Los Gorros) Quejira												ALTURA													
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.		
1				6.3	—	22.5	—	3.5	11.5	2.0	4.0															
2				12.2	2.0	5.5	3.0	5.5	7.2	8.5	5.0															
3				11.2	—	20.0	4.5	3.0	24.0	4.0	3.5															
4				3.0	2.5	2.0	10.5	6.0	8.2	3.0	2.0															
5				2.0	—	24.0	11.5	9.5	7.0	—	—															
6				4.3	1.5	4.0	12.5	6.2	1.5	4.5	10.0															
7				2.0	10.5	7.5	8.0	5.2	—	14.0	8.5															
8				3.2	4.5	1.0	4.5	7.6	3.0	15.0	2.5															
9				8.2	3.5	21.5	5.0	14.0	4.0	3.0	14.0															
10				10.5	4.5	6.0	4.0	12.5	28.0	4.5	6.7															
11				27.5	3.2	3.0	3.0	5.0	8.5	5.0	7.0															
12				28.2	8.5	—	2.5	4.0	—	—	4.3															
13				37.0	7.0	4.0	—	7.0	3.0	2.0	6.3															
14				9.2	19.5	—	5.5	3.0	9.9	—	—															
15				7.0	—	26.5	2.8	1.0	10.0	—	—															
16				2.5	4.3	22.6	—	2.5	—	—	—															
17				—	—	—	—	—	—	—	—															
18				—	—	—	—	—	—	—	—															
19				—	—	—	—	—	—	—	—															
20				—	—	—	—	—	—	—	—															
21				2.5	5.0	2.0	2.0	2.5	4.5	—	3.0	4.0														
22				3.5	—	15.4	50.0	2.0	—	—	—	—														
23				—	—	—	—	—	—	—	—	—														
24				—	—	—	—	—	—	—	—	—														
25				5.5	—	9.5	1.5	2.0	4.4	26.5	—	4.5	14.5													
26				3.0	—	—	—	—	—	—	—	—	—													
27				12.0	13.0	1.0	2.4	6.0	3.0	2.0	8.8															
28				3.0	11.5	18.0	3.0	4.2	4.5	2.0	8.0															
29				5.0	2.5	12.5	4.5	29.0	2.5	—	6.0															
30				1.0	5.5	—	31.0	6.5	3.0	1.5	4.0															
31				—	11.5	—	—	4.5	12.5	—	2.0	2.3														
32				1.0	—	—	—	7.3	21.0	—	—															
Suma Mensual				216.3	158.0	291.2	204.3	243.9	181.6	104.5	214.9															
Dias Lluviosos				25	24	26	28	31	23	21	27															
Total dias lluviosos : (.205)																										
TOTAL DEL AÑO (1.614.7)																										
Total dias lluviosos : (62)																										
TOTAL DEL AÑO (\$1,187.5)																										
m.m.																										

ESTACION Riobacha (Los Gorros) Quejira

Total dias lluviosos : (62)

TOTAL DEL AÑO (1.614.7)

Total dias lluviosos : (.205)

TOTAL DEL AÑO (\$1,187.5)

m.m.

PRECIPITACION DIARIA

AÑO 1968

DIA	ESTACION Convención - N. Santander												ESTACION Durania - N. Santander																							
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre	Octubre	Novbre.	Diciembre.												
1	---	---	5.0	---	---	4.0	---	10.0	---	---	---	---	---	---	41.2	---	---	8.0	---	2.0	---	---	---													
2	3.0	---	---	---	10.0	10.0	---	---	---	---	---	---	---	---	18.0	---	---	8.0	---	---	---	---	---													
3	2.0	---	---	---	2.0	5.0	---	---	5.0	---	---	---	---	---	20.0	8.0	---	10.0	---	10.0	0.5	---	---													
4	---	---	---	---	5.0	---	---	---	---	---	---	---	---	---	20.0	4.0	---	10.0	---	10.0	---	---	---													
5	---	---	---	---	---	10.0	---	---	---	---	---	---	---	---	6.0	30.0	---	3.5	---	10.0	---	---	---													
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13.0	---	---	---	---	---	---	---	---													
7	---	---	---	---	4.0	15.0	---	---	10.0	---	---	---	---	---	10.0	---	---	3.0	---	---	---	---	---													
8	---	15.0	---	---	5.0	---	---	---	20.0	5.0	---	---	---	---	6.0	---	---	10.0	---	---	---	---	---													
9	---	---	---	---	12.0	4.2	---	---	5.0	---	---	---	---	---	4.5	9.2	---	10.0	5.0	---	---	---	---													
10	---	---	---	---	15.0	5.0	---	---	---	5.3	---	---	---	---	16.8	18.4	---	---	---	---	---	---	---													
11	---	---	---	---	5.0	---	---	---	---	10.0	---	---	---	---	5.0	21.8	---	---	---	---	---	10.0	---													
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12.6	---	---	---	---	---	---	---	---													
13	---	---	---	---	---	---	---	---	5.0	---	---	---	---	---	8.0	10.0	---	---	---	---	---	---	---													
14	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	10.0	10.0	---	---	---	---	---	---	---													
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.5	6.0	---	---	---	---	---	---	---													
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.0	3.0	---	---	---	---	---	---	---													
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	28.0	---	---	---	---	---	---	---	---													
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4.0	22.0	32.0	2.5	---	---	---	---	---													
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10.0	12.0	10.5	---	---	---	---	---													
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10.5	8.0	---	---	---	---	---	---													
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.0	16.0	16.0	2.2	---	---	---	---													
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.0	2.0	14.0	---	---	---	---	---													
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50.0	12.0	---	---	---	---	---	---													
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38.0	6.0	---	---	---	---	---													
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.0	20.0	---	---	---	---	---	---													
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.0	4.0	10.2	2.0	---	---	---	---													
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.0	12.0	8.0	---	---	---	---	---													
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	70.0	3.0	10.0	6.6	---	---	---	---													
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	80.5	---	---	---	---	---	---	---													
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	70.0	16.0	---	---	---	---	---	---													
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14.0	---	---	---	---	---	---	---													
Suma Mensual	5.0	15.0	20.0	67.1	75.3	74.3	20.0	75.6	55.1	50.3	---	---	---	---	449.5	377.1	213.6	72.3	92.0	10.5	---	---														
Dias Lluviosos	2	1	3	10	10	10	3	8	6	6	---	---	---	---	15	29	18	12	10	2	---	---														
Total dias lluviosos	64												64												TOTAL DEL AÑO (1.241.0)											
												TOTAL DEL AÑO 4.931 m.m.												TOTAL DEL AÑO (1.241.0) m.m.												

PRECIPITACION DIARIA

AÑO 1-1968

ESTACION Chinchoota - N. Santander		ESTACION Lourdes - N. Santander												ESTACION Altura										
ALTURA 1.275		ALTURA												ALTURA										
DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Dicbre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Dicbre.
1	2.0	6.0	6.0	6.0	12.0	12.0	8.0	8.0	6.0	6.0	6.0	9.0	13.0	1.0	2.0	2.0	2.0	12.2	3.0	3.0	15.2	10.0	9.0	
2	6.0	5.0	12.0	12.0	18.0	18.0	8.0	12.0	6.0	6.0	6.0	6.0	4.5	1.0	5.0	5.0	3.0	3.0	3.0	10.0	25.0	10.0	8.0	
3	6.0	6.0	6.0	6.0	18.0	18.0	8.0	10.0	18.0	18.0	8.0	6.0	2.5	2.0	2.0	4.0	0.5	2.0	2.0	42.0	1.0	14.0	4.0	
4	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	100.3	0.5	0.5	35.0	3.0	3.0	3.0	
5	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	65.0	2.0	2.0	8.0	6.0	6.0	6.0	
6	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
10	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
11	2.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
12	4.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
13	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
14	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
15	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
16	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
17	4.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
18	3.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
19	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
20	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
21	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
22	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
23	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
24	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
25	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
26	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
27	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
28	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
29	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
30	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
31	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	2.0	2.0	2.0	4.0	60.0	2.0	2.0	8.0	6.0	6.0	6.0	
Suma Mensual	61.0	71.0	578.0	125.0	143.0	88.0	77.0	30.0	168.0	74.0	14.0	84.1	173.4	30.9	645.5	243.0	132.5	50.0	155.5	121.5	107.0	159.4	98.0	
Dias Lluviosos	13	9	23	8	13	10	9	3	14	7	3	9	12	11	26	15	7	8	15	12	11	15	15	
Total días Lluviosos : 112	TOTAL DEL AÑO 1.429.0 m.m.												TOTAL DEL AÑO 1.990.5 m.m.											

PRECIPITACION DIARIA

AÑO 1.968

ESTACION Charalá - Santander

ALTIMA 1.450 m.

ESTACION Honegro (Zaragoza) Santander

ALTIMA 1.100

DIA	ESTACION Charalá - Santander												ESTACION Honegro (Zaragoza) Santander														
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.			
1	46.0	—	—	—	8.0	10.0	8.0	18.0	—	—	62.0	8.5	—	—	—	—	—	—	—	6.0	20.5	0.1	15.2				
2	—	4.0	26.5	—	2.0	18.0	4.5	4.5	9.5	2.0	—	—	—	3.8	—	0.5	0.3	28.5	—	—	—	0.1	4.2				
3	—	—	—	28.5	4.5	2.5	1.5	—	48.0	4.5	70.0	—	—	27.0	—	0.1	15.3	0.8	—	2.3	6.2	—	4.2				
4	—	—	—	—	14.0	48.0	6.0	—	—	—	18.0	—	—	2.8	—	10.0	2.0	—	—	0.1	1.3	—	5.0				
5	—	—	—	2.5	28.5	12.0	2.0	4.5	—	14.0	32.0	—	—	—	1.0	2.8	28.3	—	—	9.0	—	—	7.0				
6	—	—	2.0	8.5	34.5	1.0	—	2.5	—	—	—	34.0	—	—	—	7.5	—	—	—	—	—	—	5.0				
7	—	—	—	—	1.5	4.0	—	3.0	34.5	18.5	—	—	—	36.0	—	—	—	—	—	1.9	—	—	—				
8	—	—	4.0	20.5	14.0	6.0	—	—	26.0	42.5	40.0	—	—	—	—	—	—	—	—	—	—	—	—				
9	—	—	—	—	24.5	—	—	—	—	14.0	6.5	—	—	—	—	—	—	—	—	—	—	—	—				
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
11	8.0	—	—	—	16.0	—	—	—	—	3.0	—	—	—	0.2	0.5	20.0	30.7	3.8	—	—	—	—	—				
12	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	0.5	0.7	32.6	—	—	—	—	—	—				
13	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
14	8.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
16	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
17	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
20	18.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
31	50.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Suma Mensual	111.0	94.0	258.5	288.5	449.0	227.5	205.0	156.5	353.4	288.5	390.0	86.0	—	85.8	159.0	34.3	281.6	243.6	107.2	46.3	157.4	251.7	126.7				
Dias Lluviosos	8	4	15	18	25	20	17	23	16	20	19	6	—	7	16	10	25	24	17	15	13	18	17	12			
Total días luviosos :	191												174												TOTAL DEL AÑO (1.642.1.)		m.m.
	TOTAL DEL AÑO 2.907.5												TOTAL DEL AÑO 1.642.1														m.m.

PRECIPITACION DIARIA

AÑO 1.968

ALTURA 1.250

ESTACION Otatencho - Boyacá

ESTACION Miraflores - Boyacá

ALTURA 1.570 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	—	10.1	0.5	—	—	8.6	0.5	—	5.0	1.8	—	7.1
2	—	8.5	8.4	6.0	21.1	11.2	21.3	—	5.1	—	—	—
3	—	4.6	10.8	2.3	—	2.8	13.2	—	5.1	—	—	1.1
4	—	—	—	10.0	35.3	1.3	7.1	—	26.8	3.1	—	0.4
5	—	—	—	—	6.2	22.2	50.1	—	—	8.1	—	23.8
6	—	—	—	—	11.2	10.0	6.1	—	—	10.2	—	—
7	—	—	—	—	50.0	16.3	3.0	—	38.0	10.3	—	—
8	—	—	—	—	3.1	—	—	—	2.5	—	—	—
9	—	—	—	—	3.1	—	—	—	14.5	—	—	—
10	—	—	—	—	1.2	18.0	3.3	48.1	41.5	10.3	—	—
11	—	—	—	—	0.5	8.2	—	25.0	25.4	—	—	—
12	—	—	—	—	—	—	—	39.5	7.8	9.2	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—
Suma Mensual	44.7	40.5	15.8	196.1	194.6	239.7	304.1	188.5	111.9	47.0	2.2	—
Días Lluviosos	6	3	4	18	20	21	24	17	14	6	1	—
Total días lluviosos (134)												
Total días lluviosos (190)												
TOTAL DEL AÑO (3015.2)	10	16	13	23	25	21	12	17	23	16	14	—
TOTAL DEL AÑO (3015.2)												

PRECIPITACION DIARIA

AÑO 1.968

ESTACION San Roque - Antioquia

ESTACION Boquerón - Antioquia

ALTURA 3.010 m.

DIA	ESTACION Boquerón - Antioquia												ESTACION San Roque - Antioquia											
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.
1	---	---	---	---	---	28.0	---	---	---	---	28.0	---	---	---	---	---	---	---	---	---	---	---	---	
2	---	---	---	---	---	25.0	---	---	---	---	28.0	---	---	---	---	---	---	---	---	---	---	---	---	
3	---	---	---	---	25.0	20.0	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
4	18.0	---	---	---	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	20.5	25.0	50.0	24.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	10.0	12.0	10.0	10.0	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	8.5	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	20.5	21.0	10.0	40.0	---	---	22.0	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	8.5	15.0	---	---	---	---	30.5	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	1.0	5.0	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
20	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
21	3.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
22	24.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
24	3.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Suma Mensual	49.5	157.5	323.5	316.0	339.0	248.0	310.0	101.0	212.0	137.0	---	---	---	---	---	---	---	---	---	---	---	---	---	
Dias Lluviosos	5	11	12	15	22	12	13	5	9	7	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total dias Lluviosos :	(111)												TOTAL DEL AÑO (2.193.5) m.m.											
Total dias Lluviosos :	174												TOTAL DEL AÑO 2.029.1 m.m.											

PRECIPITACION DIARIA

ANO

DIA	ESTACION Fredonia (Guanday) Antioquia												ESTACION Fredonia (Jonds) Antioquia											
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.
1	6.1	5.1	6.2	1.2	11.1	13.4	10.3	10.1	17.5	3.0	2.1	2.0	7.0	19.4	10.4	24.0	23.0							
2	3.0	6.1	6.2	6.1	5.2	68.4	4.0	7.3	13.2	8.0	8.0	12.0	3.0	3.0	5.0	5.0	25.0							
3	9.2	9.2	9.2	7.4	8.3	21.4	9.3	7.4	9.4	1.2	1.2	9.2	7.0	3.0	5.0	15.0	8.0							
4	19.5	14.2	6.0	9.4	23.5	7.4	7.4	19.1	18.5	3.3	3.3	3.3	7.3	13.4	8.0	25.0	7.0							
5	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
6	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
9	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
10	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
11	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
12	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
13	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
14	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
15	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
16	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
17	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
18	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
19	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
20	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
21	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
22	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
23	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
24	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
25	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
26	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
27	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
28	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
29	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
30	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
31	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
Suma Mensual	43.2	87.2	116.7	166.9	170.9	287.6	203.6	96.8	195.7	345.6	228.7	87.0	54.7	40.8	150.8	235.0	201.4	294.7	154.6	335.4	318.6	405.2	84.0	
Dias Lluviosos	8	13	13	20	19	25	13	14	21	25	19	7	6	10	7	16	14	16	10	14	16	19	5	
Total dias Lluviosos 197	TOTAL DEL AÑO 2.029.9 m.m.												TOTAL DEL AÑO 2.415.6 m.m.											

PRECIPITACION DIARIA

AÑO 1.968

ESTACION Tómesis (La Nacional) Antioquia ALTURA 1.190 m. ESTACION Sonsón ALTURA 1.450 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	1.5	4.0	0.5	1.5	2.0	25.0	9.0	2.0	28.0	0.5	0.5	4.0
2	4.0	1.0	0.5	1.5	1.0	11.0	15.0	20.0	0.5	0.5	0.5	0.5
3	1.0	1.0	1.0	1.0	1.0	11.0	11.0	20.0	20.0	2.5	18.0	3.0
4	1.0	1.0	1.0	1.0	1.0	2.0	2.0	12.0	3.0	2.5	18.0	3.0
5	1.0	1.0	1.0	1.0	1.0	16.0	16.0	3.0	3.0	0.5	0.5	0.5
6	1.0	1.0	1.0	1.0	1.0	8.5	0.5	7.5	5.0	49.0	9.5	6.5
7	1.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	20.0	10.0	10.0	2.0
8	1.0	1.0	1.0	1.0	1.0	11.0	7.5	1.0	20.0	10.0	10.0	2.0
9	1.0	1.0	1.0	1.0	1.0	2.0	52.0	2.5	1.0	10.0	11.5	7.0
10	1.0	1.0	1.0	1.0	1.0	16.5	2.0	1.0	13.0	1.0	1.0	7.0
11	1.0	1.0	1.0	1.0	1.0	20.0	1.0	43.0	3.0	7.0	16.0	36.0
12	1.0	1.0	1.0	1.0	1.0	4.5	3.0	3.0	3.0	34.0	21.0	21.0
13	1.0	1.0	1.0	1.0	1.0	47.0	11.0	3.5	3.0	14.0	16.5	16.5
14	1.0	1.0	1.0	1.0	1.0	4.0	6.0	0.5	0.5	3.5	3.5	3.5
15	1.0	1.0	1.0	1.0	1.0	4.0	10.5	1.5	19.0	16.0	6.5	6.5
16	1.0	1.0	1.0	1.0	1.0	31.0	1.0	17.5	13.0	17.0	1.0	1.0
17	1.0	1.0	1.0	1.0	1.0	32.0	19.0	12.0	6.0	28.0	1.0	1.0
18	1.0	1.0	1.0	1.0	1.0	25.0	2.5	8.5	11.0	16.5	1.0	1.0
19	1.0	1.0	1.0	1.0	1.0	0.5	2.5	6.0	11.0	16.5	1.0	1.0
20	1.0	1.0	1.0	1.0	1.0	7.0	4.5	32.0	14.0	1.0	21.0	36.5
21	1.0	1.0	1.0	1.0	1.0	3.5	16.0	1.0	14.0	1.0	21.0	36.0
22	1.0	1.0	1.0	1.0	1.0	3.5	16.0	1.0	13.0	1.0	21.0	36.0
23	1.0	1.0	1.0	1.0	1.0	6.5	7.0	20.0	19.0	32.0	32.0	1.0
24	1.0	1.0	1.0	1.0	1.0	44.0	4.0	5.0	2.5	9.0	11.0	11.0
25	1.0	1.0	1.0	1.0	1.0	1.0	4.0	19.0	39.0	11.0	1.0	8.5
26	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	16.0	1.0	1.0	1.0
27	1.0	1.0	1.0	1.0	1.0	10.5	2.0	2.0	41.0	26.0	1.0	1.0
28	1.0	1.0	1.0	1.0	1.0	1.0	1.0	20.0	13.5	1.0	1.0	1.0
29	1.0	1.0	1.0	1.0	1.0	1.0	1.0	40.0	1.0	31.0	19.0	1.0
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
31	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Suma Mensual	65.0	50.0	119.0	184.5	232.5	296.4	135.5	85.0	279.0	324.5	282.5	62.0
Dias Lluviosos	6	8	13	13	20	22	11	10	20	20	18	9
Total días lluviosos	TOTAL DEL AÑO 2.115.9 m.m.											
Total días lluviosos	TOTAL DEL AÑO (221) m.m.											

PRECIPITACION DIARIA

ANQ 1.968

ESTACION San Francisco (La Carlina) Cundinamarca		ESTACION Albán (El Porvenir) Cundinamarca																												
ALTURA 1.665 m.		ALTURA 1.700 m.																												
DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.						
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30																														
31																														
Suma Mensual	139.8	158.1	95.9	239.9	131.3	101.6	35.0	23.8	124.3	160.3	323.1	96.4	136.4	105.4	61.8	295.2	110.6	129.3	22.3	25.0	116.9	148.7	92.3	63.2						
Dias Lluviosos	10	14	8	17	13	9	7	3	9	11	13	5	16	10	8	18	12	16	5	3	14	16	10	6						
Total dias lluviosos	119												134												TOTAL DEL AÑO		1.307.1		m.m.	

PRECIPITACION DIARIA

AÑO

ESTACION Pandi (Caracas) Cundinamarca

ALTURA 1.600 m.

ESTACION Queteme (Monteredondo) Cundinamarca

ALTURA 1.300 m.

DIA	ESTACION Pandi (Caracas) Cundinamarca												ESTACION Queteme (Monteredondo) Cundinamarca											
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.
1	40.0	5.5	---	---	5.5	---	3.0	2.5	---	1.0	---	---	---	25.4	7.0	---	---	5.0	24.0	9.2	8.0	28.0	---	
2	4.5	30.0	1.0	---	---	12.0	5.5	3.5	2.0	1.0	---	---	---	5.0	4.2	---	---	4.2	2.0	6.0	6.6	14.0	---	
3	6.0	---	---	---	---	---	5.5	3.0	4.0	---	---	---	---	2.0	---	---	---	---	---	32.0	1.6	10.0	---	
4	4.0	---	---	---	---	---	---	---	2.0	---	---	---	---	7.4	---	---	---	0.6	5.2	---	---	---	---	
5	---	---	---	---	---	---	---	---	3.5	4.0	---	---	---	5.2	6.0	---	---	25.6	29.0	6.2	2.6	---	---	
6	---	---	---	---	---	---	---	---	1.5	3.0	---	---	---	10.4	5.4	---	---	25.6	29.0	6.2	2.6	---	---	
7	---	---	2.0	2.0	---	13.0	2.0	---	---	3.0	---	---	---	22.4	11.4	---	---	10.6	---	4.2	5.4	---	---	
8	---	---	---	3.0	---	---	---	---	---	---	---	---	---	13.6	---	---	---	10.6	---	15.0	---	---	---	
9	17.0	---	---	---	---	3.5	---	---	2.5	4.0	1.5	---	---	46.4	---	---	---	22.0	---	---	---	---	51.4	
10	---	---	12.0	---	---	---	---	---	2.5	---	---	---	---	2.4	---	---	---	24.0	16.4	10.0	---	---	20.4	
11	---	---	9.0	---	---	5.5	1.5	---	---	3.0	---	---	---	10.2	27.2	---	---	4.0	---	5.2	6.4	---	---	
12	6.0	---	19.0	2.5	---	---	2.5	---	3.0	3.0	14.0	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	18.0	---	---	---	---	2.0	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	10.0	4.0	11.0	---	6.0	6.0	1.0	24.0	---	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	5.0	25.0	---	---	2.5	3.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	5.5	2.5	---	10.0	1.0	15.0	---	---	---	---	---	---	---	---	---	---	---	---	
17	---	---	4.5	42.0	---	---	---	---	4.0	26.0	20.5	---	---	---	---	---	---	---	---	---	---	---	---	
18	---	---	2.5	13.0	---	---	---	---	4.0	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	
19	---	---	1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
20	50.5	6.0	---	---	---	5.0	---	2.0	---	6.5	4.0	---	---	---	---	---	---	---	---	---	---	---	---	
21	20.5	16.5	1.0	24.0	---	4.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
22	4.0	4.0	---	4.5	12.0	---	---	---	12.5	1.5	3.5	---	---	---	---	---	---	---	---	---	---	---	---	
23	45.0	2.0	---	9.5	---	---	---	---	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
24	---	2.0	---	---	---	---	---	3.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
27	---	3.5	---	---	---	---	---	3.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
28	---	---	---	---	---	---	---	---	4.0	30.0	1.0	---	---	---	---	---	---	---	---	---	---	---	---	
29	13.5	---	---	---	---	2.5	6.5	4.0	---	4.5	---	---	---	---	---	---	---	---	---	---	---	---	---	
30	47.0	---	---	---	---	3.0	3.0	2.0	3.0	21.0	---	---	---	---	---	---	---	---	---	---	---	---	---	
31	---	---	6.0	---	---	7.5	8.5	14.5	4.0	1.0	3.0	6.5	1.0	---	---	---	---	---	---	---	---	---	---	
Suma Mensual	186.5	90.0	58.0	220.5	49.5	100.0	45.5	54.5	173.0	134.5	132.0	---	---	18.4	38.8	93.6	245.4	129.4	315.8	557.4	301.7	271.0	178.8	
Dias Lluviosos	7	10	9	17	8	15	13	14	17	22	15	---	---	6	2	7	18	13	21	23	21	14	8	2
T. total días Lluviosos : (147)	TOTAL DEL AÑO (1.144.0) m.m.																							
T. total días Lluviosos : 162	TOTAL DEL AÑO 2.320.9 m.m.																							

PRECIPITACION DIARIA

AÑO 1.968

ESTACION	ESTACION El Colegio (Las Granjas)												ALTURA 1.400 m.		
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	Dias Lluviosos	Total del Año	m.m.
1	14.5	24.1	---	---	7.5	---	---	56.0	0.7	---	---	5.9	9	11	15
2	7.5	5.5	---	---	---	16.5	3.4	5.2	---	40.1	---	2.0	8	11	15
3	2.0	---	---	---	---	---	---	4.5	0.8	---	---	4.2	7	11	15
4	---	3.6	---	---	---	20.0	---	---	---	---	---	8.6	6	11	15
5	---	---	---	---	23.5	---	---	4.1	---	---	---	---	5	11	15
6	---	---	1.8	3.8	---	---	---	---	0.6	---	---	---	4	11	15
7	---	---	---	10.5	13.3	---	---	18.0	---	---	---	---	3	11	15
8	---	---	---	---	3.1	5.7	---	---	2.2	5.8	0.9	---	2	11	15
9	---	---	---	2.0	12.1	6.3	---	---	---	48.4	---	---	1	11	15
10	---	---	---	14.4	---	3.7	---	---	---	---	13.3	---	---	11	15
11	7.5	---	---	34.0	---	4.5	---	3.0	37.0	10.2	---	---	---	12	15
12	---	---	---	62.5	---	---	---	3.5	---	---	---	---	---	13	15
13	---	---	---	2.0	3.0	0.9	---	---	---	19.7	---	---	---	14	15
14	---	---	4.1	2.0	---	---	---	---	---	---	---	---	---	15	15
15	---	28.3	36.9	11.0	4.0	2.0	---	---	30.2	15.7	---	---	---	16	15
16	---	---	5.5	23.0	---	6.0	---	10.0	3.8	13.7	---	---	---	17	15
17	---	---	30.0	5.0	---	---	6.2	0.5	---	39.0	10.5	---	---	18	15
18	---	---	---	---	1.0	11.8	---	2.9	7.4	---	---	---	---	19	15
19	---	---	0.5	---	---	1.0	---	---	51.2	8.0	---	---	---	20	15
20	---	34.0	0.5	---	---	4.7	---	5.2	---	6.4	---	---	---	21	15
21	23.0	---	---	36.0	---	2.9	4.5	---	---	21.8	---	---	---	22	15
22	5.0	---	---	0.5	5.7	3.0	24.2	---	1.1	---	3.4	0.7	---	23	15
23	0.2	1.8	---	49.7	---	3.9	---	---	---	1.4	---	---	---	24	15
24	87.0	10.4	---	26.4	0.8	---	---	---	0.7	---	---	---	---	25	15
25	1.1	---	---	---	1.2	2.7	1.3	---	---	20.5	---	---	---	26	15
26	---	---	---	---	0.7	---	---	15.5	---	---	---	---	---	27	15
27	---	11.1	1.7	---	1.4	2.0	---	---	6.7	---	---	---	---	28	15
28	---	4.7	---	---	1.5	---	---	1.6	4.0	---	4.2	---	---	29	15
29	10.6	---	---	---	0.3	2.7	---	---	2.5	---	---	---	---	30	15
30	23.2	---	---	8.0	10.0	1.4	---	4.2	1.9	10.1	32.4	---	---	31	15
31	35.3	---	1.0	---	5.7	---	---	---	---	---	---	---	---	Suma Mensual	192.9
															92.0
															102.8
															83.3
															76.2
															140.9
															48.9
															38.0
															127.7
															265.6
															194.3
															29.7
															117.2
															66.5
															84.1
															36.4
															245.3
															127.7
															37.6
															128.1
															245.9
															424.6
															364.4
															1463
Dias Lluviosos	9	8	11	15	16	22	8	7	12	16	15	7	28	22	23
Total dias lluviosos : 146													301	2,074.1	m.m.
Total dias lluviosos : 146													301	2,074.1	m.m.

PRECIPITACION DIARIA

AÑO 1.968

ESTACION La Mesa (P. M.) Cundinamarca

ALTURA 1.300 m.

ESTACION La Mesa (La Palma) Cundinamarca

ALTURA 1.100 m.

DIA	ESTACION La Mesa (P. M.) Cundinamarca												ESTACION La Mesa (La Palma) Cundinamarca																	
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.						
1	0.6	0.6	0.8	0.6	6.6	0.4	0.4	0.4	2.4	0.6	0.6	8.0	8.0	5.8	5.8	12.4	3.0	3.1	24.5	24.5	24.5	24.5	8.6							
2	6.6	6.8	0.4	12.8	0.6	0.6	0.6	0.4	0.6	0.2	0.2	16.2	16.2	5.8	5.8	17.5	17.5	3.1	3.1	3.1	3.1	3.1	8.6							
3	6.2	8.6	0.4	0.6	4.6	0.6	0.6	0.8	0.2	0.2	0.4	5.0	5.0	0.4	0.4	1.5	1.5	0.4	0.4	0.4	0.4	0.4	0.5							
4	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
5	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
6	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
7	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
8	8.6	8.6	8.6	8.6	8.6	8.6	8.6	0.6	8.4	0.4	0.4	16.0	16.0	9.0	9.0	48.5	48.5	1.0	1.0	1.0	1.0	1.0	3.5							
9	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
10	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
11	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
12	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
13	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
14	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
15	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
16	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
17	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
18	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
19	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
20	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
21	4.6	10.2	0.8	12.4	0.8	0.8	0.8	0.4	8.6	4.6	2.4	3.9	3.9	0.5	0.5	2.5	2.5	2.3	2.3	2.3	2.3	2.3	3.5							
22	2.8	0.6	6.2	2.4	1.4	1.4	1.4	6.4	4.2	3.0	0.8	3.3	3.3	32.6	32.6	9.0	9.0	2.2	2.2	2.2	2.2	2.2	3.5							
23	13.0	0.6	4.2	22.4	10.2	0.4	0.4	0.4	12.6	8.8	0.6	8.7	8.7	21.4	21.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.5							
24	18.6	2.4	10.4	6.2	3.0	0.4	0.4	0.4	0.8	2.2	0.4	8.5	8.5	3.6	3.6	7.8	7.8	2.2	2.2	2.2	2.2	2.2	3.5							
25	10.2	0.4	0.8	2.4	0.4	0.4	0.4	0.4	0.8	2.2	0.4	8.5	8.5	3.6	3.6	7.8	7.8	2.2	2.2	2.2	2.2	2.2	3.5							
26	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
27	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
28	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
29	0.4	0.4	0.4	16.2	16.2	16.2	16.2	0.8	0.2	0.4	0.4	17.2	17.2	7.6	7.6	14.8	14.8	0.4	0.4	0.4	0.4	0.4	14.8							
30	21.0	6.8	0.4	0.8	0.8	0.8	0.8	1.2	2.4	0.8	0.8	21.8	21.8	3.2	3.2	7.8	7.8	4.5	4.5	4.5	4.5	4.5	4.2							
31	22.0	0.4	10.8	0.4	0.4	0.4	0.4	2.6	0.4	0.4	0.4	12.5	12.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	4.5							
Suma Mensual	92.2	42.6	77.6	189.8	69.2	136.6	10.8	57.4	183.4	174.6	37.2	52.8	130.5	53.6	429.1	947	178.2	15.1	21.7	164.7	304.9	224.7	99.6							
Dias Lluviosos	7	10	11	18	20	24	11	17	25	19	9	5	12	7	20	7	14	7	4	9	19	17	9							
Total dias Lluviosos :	(171)												TOTAL DEL AÑO (1.771.4)												TOTAL DEL AÑO		1.769.6		m.m.	

PRECIPITACION DIARIA

AÑO 1.968

ESTACION La Palma ← Cundinamarca		ESTACION Viotá (Atala) Cundinamarca												ESTACION Viotá (Atala) Cundinamarca													
ALTURA 1.352 m.		ALTURA 1.352 m.												ALTURA 1.360 m.													
DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.			
1	15.0	40.4	27.0	40.4	2.0	3.6	13.4	10.0	---	---	---	---	9.5	---	---	---	---	2.0	---	---	---	---	2.5	7.5			
2	---	27.0	3.2	40.0	40.0	0.4	---	---	---	---	---	---	---	---	---	---	---	20.0	5.0	---	5.0	---	---	2.0			
3	25.0	40.4	---	10.0	10.0	21.8	6.8	13.2	1.4	---	---	---	6.0	---	---	---	8.5	---	3.0	10.0	15.0	5.0	---	3.5			
4	10.0	9.4	---	5.8	5.8	31.4	4.2	---	---	---	---	---	---	---	---	---	20.0	25.0	---	---	---	---	---	---			
5	---	9.4	---	16.4	16.4	---	---	---	15.0	---	---	---	---	---	---	---	---	10.0	---	---	20.0	25.0	---	---			
6	7.0	---	11.0	5.8	4.2	2.8	2.0	---	3.6	5.6	---	---	---	---	---	---	---	3.0	---	---	---	---	---	---			
7	---	0.6	15.0	17.4	0.8	0.6	0.6	11.0	78.4	30.2	---	---	11.0	12.0	16.0	16.0	4.5	5.0	---	3.0	10.0	10.0	---	5.0			
8	10.4	---	0.6	5.0	3.8	70.0	---	16.0	40.0	---	---	---	2.5	9.5	16.0	15.5	20.0	5.0	---	---	---	18.0	2.5	4.0			
9	---	0.6	5.8	14.0	5.2	---	---	---	3.4	---	---	---	---	---	48.0	---	5.0	2.0	3.0	25.0	25.0	22.0	---	---			
10	10.6	26.0	---	6.0	5.4	---	---	28.0	16.4	2.0	---	44.0	---	---	---	---	---	---	---	---	---	---	3.5	---			
11	1.4	---	---	---	---	8.0	4.4	---	10.4	3.0	---	---	---	8.0	18.0	6.0	5.0	---	---	---	---	48.0	3.0	6.0			
12	1.4	---	---	---	---	---	---	5.6	2.2	---	---	---	---	---	10.0	8.0	2.0	---	---	---	---	48.0	2.0	---			
13	16.8	1.6	1.6	22.0	---	---	---	---	7.0	1.4	13.0	---	---	---	5.0	10.0	5.0	5.0	2.0	---	---	8.0	6.0	---			
14	16.8	---	20.0	---	---	---	---	9.0	1.8	3.6	1.0	---	---	---	9.5	---	---	---	---	---	---	19.0	10.0	---			
15	0.2	---	8.6	6.2	8.0	0.6	0.8	---	---	---	---	---	---	---	9.5	---	5.0	6.0	6.0	---	---	31.0	4.0	---			
16	3.4	---	30.0	14.4	10.4	2.0	12.0	---	---	---	---	---	---	---	18.5	---	8.0	4.0	2.0	---	---	48.0	5.5	---			
17	4.8	7.2	6.4	---	2.0	5.0	2.8	10.0	6.4	2.6	8.4	---	---	---	4.5	6.0	10.0	2.0	---	---	---	6.5	10.0	---			
18	4.8	10.0	20.0	5.4	6.0	5.0	---	25.0	10.0	0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
19	---	---	---	---	3.2	10.0	2.0	21.6	13.0	1.8	---	---	58.0	---	---	---	---	---	---	---	---	---	---	18.5			
20	---	---	---	0.6	0.2	2.0	2.2	---	6.6	1.2	---	---	12.5	---	---	20.0	---	2.0	---	---	---	6.0	8.0	---			
21	---	---	---	---	6.0	2.2	---	---	---	---	---	---	40.0	---	---	5.0	11.0	4.0	---	---	---	---	2.0	---			
22	---	---	---	---	---	---	---	4.8	---	---	---	---	68.0	---	---	6.0	---	12.0	---	---	---	22.0	3.0	---			
23	---	4.0	8.0	---	6.0	---	---	---	---	---	---	---	10.0	---	74.0	5.0	---	---	2.0	2.0	5.5	4.5	---	---			
24	2.0	0.6	31.0	---	---	---	---	---	---	---	---	---	---	30.0	19.0	---	---	---	---	2.0	---	3.0	7.5	---			
25	---	4.4	2.8	30.0	---	---	---	5.0	11.4	---	---	---	---	---	---	---	2.0	---	---	---	10.0	10.5	---	---			
26	2.2	---	8.4	7.0	7.8	---	---	7.0	16.2	7.0	1.6	---	---	---	---	15.0	---	---	---	---	10.0	18.0	5.0	---			
27	2.4	3.6	---	5.4	---	---	---	13.0	4.0	---	---	---	---	---	---	---	10.0	2.0	---	---	---	6.5	---	---			
28	2.4	3.6	---	1.8	---	---	---	1.8	25.0	33.8	18.2	---	18.0	---	---	5.0	---	---	---	---	---	8.0	23.5	30.0			
29	---	33.2	---	5.2	---	---	---	10.6	9.0	---	---	---	8.0	---	---	15.5	---	---	---	---	---	10.0	3.0	---			
30	---	---	---	---	4.0	11.0	---	41.6	14.0	20.8	2.2	16.4	---	---	---	---	---	---	---	---	---	---	---	10.0			
31	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
Suma Mensual	71.2	131.6	135.2	231.6	130.4	209.8	116.6	101.6	233.6	327.2	44.2	148.2	221.5	104.0	93.0	345.5	129.5	113.0	43.0	23.0	98.0	484.5	149.0	42.0			
Días Lluviosos	12	9	14	22	18	19	11	12	16	20	12	9	9	5	10	18	14	15	10	7	7	24	21	8			
Total días lluviosos	TOTAL DEL AÑO 1.968 174												TOTAL DEL AÑO 1.968 148												TOTAL DEL AÑO 1.968 148		
		m.m.												m.m.												m.m.	

PRECIPITACION DIARIA

AÑO 1.968

ESTACION Pucaguanza (Bethania) Cundinamarca ALTURA 1.630 m. — ESTACION Pucaguanza (Valesico) Cundinamarca ALTURA 1.450 m.

DIA	ESTACION Pucaguanza (Bethania) Cundinamarca ALTURA 1.630 m.												ESTACION Pucaguanza (Valesico) Cundinamarca ALTURA 1.450 m.																							
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.												
1	30.0	—	—	—	10.0	15.0	10.0	15.0	—	—	10.0	—	—	4.5	—	2.8	13.0	—	—	5.1	2.0	4.5	7.4													
2	50.0	—	—	—	10.0	20.0	10.0	10.0	—	—	15.0	—	—	2.7	—	0.7	0.7	2.3	—	—	14.2	—	3.2													
3	—	—	—	—	20.0	20.0	10.0	20.0	—	—	10.0	—	—	—	—	18.2	—	—	—	—	—	—	10.2													
4	15.0	10.0	5.0	10.0	10.0	30.0	10.0	10.0	10.0	15.0	20.0	—	—	—	—	0.3	3.0	1.0	—	—	1.7	0.2	5.2													
5	—	—	—	—	30.0	30.0	—	—	—	—	15.0	—	—	—	—	37.9	0.5	—	—	—	1.1	—	10.0													
6	—	—	—	—	10.0	10.0	—	—	—	—	—	—	—	—	—	1.4	—	—	—	—	—	—	—													
7	—	—	—	—	15.0	10.0	15.0	—	—	—	—	—	—	—	—	4.6	1.4	6.5	—	—	—	—	—													
8	—	—	—	—	10.0	20.0	15.0	—	—	—	—	—	—	—	—	2.0	2.8	1.9	—	—	—	—	—													
9	—	—	—	—	10.0	40.0	—	—	—	—	—	—	—	—	—	10.6	4.9	5.2	1.3	—	—	—	—													
10	—	—	—	—	20.0	—	—	—	—	—	—	—	—	—	—	0.8	5.2	0.1	—	—	—	—	—													
11	—	—	—	—	15.0	15.0	—	—	—	—	—	—	—	—	—	43.5	2.1	0.4	3.7	—	—	—	—													
12	—	—	—	—	15.0	—	—	—	—	—	—	—	—	—	—	18.6	0.5	2.4	0.4	—	—	—	—													
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9.0	2.7	3.5	0.5	—	—	—	—													
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.8	0.5	3.5	—	—	—	—	—													
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	45.5	23.6	—	1.2	—	—	—	—													
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.1	5.0	4.0	1.0	—	—	—	—													
17	10.0	10.0	—	—	15.0	—	—	—	—	—	—	—	—	—	—	19.1	—	4.3	—	—	—	—	—													
18	9.0	15.0	—	—	—	—	—	—	—	—	—	—	—	—	—	1.0	1.3	24.6	4.3	—	—	—	—													
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.4	4.1	—	—	—	—	—													
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
24	10.0	5.0	—	—	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
25	8.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
26	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
28	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
29	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
31	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—													
Suma Mensual	97.0	145.0	35.0	280.0	225.0	455.0	65.0	50.0	145.0	287.0	350.0	170.0	76.4	56.8	71.4	226.8	78.3	167.7	23.5	36.6	78.3	165.7	192.7	74.0												
Dias Lluviosos	9	8	4	16	14	19	6	4	11	15	14	9	6	7	8	22	16	28	16	9	17	19	21	17												
Total días lluviosos :	469												TOTAL DEL AÑO 2.274.0 m.m.												TOTAL DEL AÑO 1.246.2 m.m.											

PRECIPITACION DIARIA

AÑO 1.968

ESTACION Gachetá - Cundinamarca

ALTURA 1.760 m.

ESTACION Machetá - Cundinamarca

ALTURA 1.800 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	
1	2.0	2.0	2.0	21.0	5.0	2.0	0.2	8.0	5.0	5.0	—	—	
2	—	—	—	2.1	0.2	22.0	8.2	8.0	3.0	2.0	—	—	
3	—	—	—	3.0	1.0	19.0	7.3	0.2	20.0	0.2	6.2	5.1	
4	—	—	—	—	—	—	0.2	8.0	—	—	14.0	12.0	
5	2.0	—	—	2.1	—	8.0	—	10.1	—	—	—	—	
6	—	—	—	—	2.0	14.0	8.2	8.0	4.0	—	1.0	—	
7	—	0.2	—	1.0	22.0	2.0	10.0	1.0	2.0	13.0	11.0	—	
8	—	—	—	—	—	—	30.1	—	—	—	2.0	25.0	
9	—	—	—	26.1	—	20.0	—	2.0	15.0	—	—	—	
10	—	—	—	2.0	2.0	8.0	8.0	7.2	8.0	5.0	14.0	3.0	
11	—	—	—	—	5.0	0.2	2.0	2.0	10.0	8.2	4.0	2.0	
12	—	—	—	20.0	3.0	—	4.0	—	—	5.0	2.0	—	
13	—	5.0	—	2.0	—	—	8.2	5.0	—	—	8.0	—	
14	3.0	2.0	2.0	21.0	35.0	11.0	12.0	—	2.0	—	3.0	—	
15	—	—	—	2.0	—	14.0	10.0	2.0	3.0	2.0	—	—	
16	—	—	—	16.0	—	2.0	11.0	—	5.1	3.0	5.2	—	
17	—	—	—	—	2.0	5.0	6.0	4.0	—	16.0	2.0	—	
18	—	—	—	5.0	2.0	—	4.2	11.0	12.2	5.0	—	—	
19	—	—	—	—	—	3.0	2.0	—	4.2	2.0	—	—	
20	—	—	—	3.0	—	7.0	5.0	—	3.0	2.0	—	—	
21	2.0	—	—	5.2	10.0	—	0.3	—	8.0	2.0	—	—	
22	—	—	—	2.0	8.0	—	1.0	—	12.0	5.2	—	—	
23	—	—	—	—	2.0	6.0	38.0	—	2.0	—	5.0	—	
24	—	—	—	20.1	—	11.0	4.1	5.1	0.2	—	—	—	
25	—	—	—	—	—	50.0	5.1	3.0	—	30.0	—	—	
26	—	—	—	5.0	2.0	—	11.0	—	—	—	6.0	—	
27	—	—	—	—	—	11.0	4.0	2.0	15.0	2.0	—	—	
28	3.0	7.3	5.0	—	5.0	30.0	5.2	—	—	—	—	—	
29	—	—	—	17.0	1.0	—	—	—	12.0	28.0	—	—	
30	4.0	—	—	13.0	—	2.0	5.2	2.0	2.0	12.0	—	—	
31	—	—	—	16.2	—	—	2.0	—	—	—	—	—	
Suma Mensual	14.0	24.7	73.7	181.4	97.2	293.4	199.3	78.8	128.5	165.8	87.6	47.1	
Días Lluviosos	5	6	12	24	15	22	28	17	18	20	17	5	
Total días lluviosos : 189												TOTAL DEL AÑO 1.391.5	m.m.
Total días lluviosos : 196												TOTAL DEL AÑO 1.283.2	m.m.

PRECIPITACION DIARIA

ANQ 1.968

DIA	ESTACION Salamina (Llanadas) Caldas												Altura	
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.		
1	10.0	0.3	0.5	0.5	4.5	5.5	20.5	16.0	0.5	8.0				
2	13.0	0.8	0.8	0.7	5.5	10.0	6.0	5.0	10.0	5.0				
3	44.0	11.0	1.5	4.0	13.5	13.0	13.0	13.0	13.0	5.5				
4	0.5	1.0	2.0	2.0	2.0	2.0	18.5	2.3	2.3	2.0				
5	0.5	8.5	43.0	20.0	13.0	4.0	4.0	5.0	5.0					
6	0.5	11.0	9.0	4.0	1.5	2.0	2.0	36.0	36.0					
7	0.5	10.0	3.0	1.0	1.5	1.0	1.0	10.0	26.0	14.0				
8	30.0	26.0	18.5	24.5	20.0	7.0	1.0	4.5	7.0	1.5				
9	1.0	18.0	1.0	9.5	2.0	5.2	2.3	16.0	20.0	20.2				
10	1.0	2.5	8.5	10.0	1.0	1.0	1.0	34.0	23.0	2.0				
11	12.0	18.0	14.0	1.0	1.0	9.5	27.5	1.0	1.0	1.0				
12	6.5	0.5	16.0	1.5	1.5	6.5	3.0	0.7	1.0	1.0				
13	3.0	0.5	16.0	4.0	3.5	40.0	0.5	44.5	2.5	1.0				
14	1.0	0.5	16.0	1.0	1.0	4.0	3.5	26.0	26.0	1.0				
15	54.0	1.0	0.5	16.0	1.0	3.0	3.0	17.2	25.0	7.5				
16	7.0	1.0	3.7	8.8	5.8	8.8	5.8	4.5	10.5	4.5				
17	23.0	1.0	20.5	3.0	4.0	3.0	4.0	1.0	1.0	1.0				
18	15.5	3.5	11.5	1.0	1.0	11.5	1.0	13.5	26.0	3.0				
19	20.0	28.0	0.5	4.5	0.5	4.5	0.5	9.0	16.5	4.0				
20	12.0	25.0	4.0	0.5	0.5	0.5	0.8	0.8	4.7	10.0				
21	24.0	4.0	34.0	1.5	1.5	2.0	26.0	1.0	22.0	1.0				
22	0.5	1.0	12.0	1.5	1.5	2.0	10.0	11.2	12.5	1.0				
23	6.0	3.0	12.0	1.0	1.0	4.5	12.0	68.0	2.0	5.3				
24	11.0	1.0	13.5	6.0	4.5	4.5	1.0	24.0	10.0	6.2				
25	6.0	3.5	13.0	5.0	3.5	6.0	25.0	1.0	1.0	18.5				
26	6.0	3.0	11.0	11.0	11.0	5.0	3.5	39.5	44.0	1.0				
27	77.0	216.5	94.8	172.5	214.7	170.0	93.3	175.8	305.7	381.5	265.9	75.7		
28	8	11	10	17	20	22	13	14	19	23	21	11		
29	Total días lluviosos : 189												TOTAL DEL AÑO	2,243.4
30	Total días lluviosos : 170												TOTAL DEL AÑO	1,623.8
31	Total días lluviosos : 170												TOTAL DEL AÑO	1,623.8

ESTACION Aguadas (Guaymaral) Caldas

Altura 1.400 m.

ESTACION Salamina (Llanadas) Caldas

Altura 1.400 m.

ESTACION Salamina (Llanadas) Caldas

Altura 1.500

m.m.

PRECIPITACION DIARIA

AÑO 1.968

ESTACION Belalozar (El Carmen) Galdas

ALTURA

ESTACION Palestina (Granja Suker) Galdas

ALTURA

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.
1	—	—	—	—	—	—	—	—	—	—	—	—
2	—	5.0	—	—	—	—	—	—	—	—	—	—
3	—	14.0	16.0	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—
Suma Mensual	83.0	104.0	164.6	192.5	143.0	215.0	202.9	166.5	212.5	442.0	253.0	139.6
Dias lluviosos	5	7	12	10	8	15	12	9	14	17	12	6
Total dias lluviosos:	127											
	TOTAL DEL AÑO											m.m.
	2.316.4											
	ESTACION Belalozar (El Carmen) Galdas											
	ESTACION Palestina (Granja Suker) Galdas											
	TOTAL DEL AÑO											m.m.
	2.383.5											

PRECIPITACION DIARIA

ANO 1.968

ESTACION Palestina (Santa Ana) - Caldes		ESTACION Salamina(Gigante) Caldes												ESTACION 2.500											
ALTURA		ALTURA												ALTURA											
DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	
1	—	37.0	9.0	0.1	—	6.7	—	0.5	15.5	—	—	—	—	10.9	8.5	0.2	2.2	8.7	2.8	—	19.8	10.2	—	15.0	
2	0.1	8.8	4.0	18.4	1.2	0.1	—	17.1	4.8	—	—	—	—	2.4	5.1	—	0.3	0.4	8.1	—	—	—	—	0.1	
3	0.2	11.7	8.2	26.7	0.7	0.4	0.5	5.0	24.2	—	—	—	—	—	—	—	—	8.2	1.4	—	26.3	—	—	0.0	
4	—	—	—	0.3	1.0	6.5	15.4	—	6.4	4.4	—	—	—	—	0.1	—	—	1.1	5.2	—	1.4	10.5	—	1.7	
5	—	—	—	—	9.9	0.1	21.4	—	0.4	0.1	—	—	—	—	—	0.1	57.8	—	0.1	9.3	—	4.0	—	0.5	
6	0.6	4.4	—	—	32.1	20.1	1.5	—	0.9	—	—	—	—	—	—	0.5	6.2	3.0	0.1	—	9.3	—	—	4.2	
7	0.1	—	—	—	—	10.1	4.0	—	40.3	4.0	—	—	—	—	—	1.0	1.2	—	—	—	2.3	5.3	—	0.1	
8	—	—	—	—	—	3.3	3.1	0.2	7.6	8.8	0.6	—	—	—	—	0.1	3.1	—	—	—	0.3	8.7	—	—	
9	—	—	—	—	—	2.7	1.0	24.5	10.5	—	—	—	—	—	—	8.9	32.9	16.6	3.6	—	—	12.4	—	0.1	
10	0.2	0.3	16.2	3.0	2.2	2.9	0.1	—	39.4	—	—	—	—	—	—	5.7	39.4	9.0	6.6	—	2.8	—	—	3.8	
11	—	—	—	—	—	5.5	25.3	0.1	3.5	—	—	—	—	—	—	2.7	21.5	5.3	0.3	—	—	11.9	4.3	5.3	
12	0.5	0.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	0.8	9.3	17.6	14.7	1.1	1.6	9.9	—	0.6	—	—	—	—	—	—	0.2	10.5	2.2	—	—	—	3.0	8.9	—	
14	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	1.6	0.1	36.8	12.0	3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	16.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	1.5	28.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	—	13.4	0.8	7.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	25.7	24.2	2.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21	3.4	12.1	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	10.7	19.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	34.5	0.4	1.3	6.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	8.0	3.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25	23.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26	0.1	41.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28	—	17.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29	—	3.0	1.3	5.8	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31	8.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Suma Mensual	156.8	233.0	175.1	249.7	209.4	81.8	181.2	175.0	276.7	—	—	—	—	56.5	74.9	70.7	244.3	86.6	135.9	45.4	87.2	143.2	290.2	267.8	85.4
Dias Lluviosos	19	21	20	23	22	(15)	16	17	22	—	—	—	—	10	13	16	23	23	21	12	10	17	22	19	15
Total dias lluviosos	(175)	TOTAL DEL AÑO (1.738.7) m.m.																						TOTAL DEL AÑO 1.588.1 m.m.	

PRECIPITACION DIARIA

ANO

ESTACION: Hoires. (Pan de Azúcar) Celdas

ALTURA

ESTACION: Manizales (La Arabia) Celdas

ALTURA

DIA	ESTACION: Hoires. (Pan de Azúcar) Celdas												ESTACION: Manizales (La Arabia) Celdas											
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.
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Suma Mensual	314.0	186.0	149.0	101.0	87.0	137.0	409.0	306.0					92.2	94.7	184.4	223.7	256.8	240.7	160.6	81.9	205.5	269.5		
Días Lluviosos	12	16	15.	7	16	18	17						6	11	14	14	17	9	5	11	13	15		
Total días lluviosos (108)	TOTAL DEL AÑO (1,571.0) m.m.												TOTAL DEL AÑO (1,810.0) m.m.											

PRECIPITACION DIARIA

AÑO 1.968

DIA	ESTACION Anserma (Villakennedy) Caldas												ESTACION Manizales (Tarro Lizo) Caldas												TOTAL DEL AÑO
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	
1	—	—	6.0	—	—	16.0	10.3	10.3	24.0	—	—	10.0	—	—	—	—	—	—	—	—	—	—	—		
2	—	8.0	6.2	32.1	4.3	4.0	32.0	—	—	2.0	—	2.0	—	—	—	—	—	—	—	—	—	—	—		
3	—	—	—	—	2.0	—	—	14.1	6.1	—	—	2.2	—	—	—	—	—	—	—	—	—	—	—		
4	—	—	4.1	—	—	—	—	—	2.0	—	—	12.1	—	—	—	—	—	—	—	—	—	—	—		
5	—	—	—	12.1	—	16.0	—	—	22.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
6	—	—	2.0	—	16.1	16.0	—	—	4.0	—	—	4.0	—	—	—	—	—	—	—	—	—	—	—		
7	—	—	4.2	10.0	2.1	—	—	—	4.0	22.0	10.0	6.2	—	—	—	—	—	—	—	—	—	—	—		
8	—	—	—	12.1	10.3	6.0	—	—	10.2	8.2	—	—	—	—	—	—	—	—	—	—	—	—	—		
9	—	—	—	2.0	4.2	—	—	—	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
10	6.0	—	14.2	26.0	—	12.2	—	—	8.2	—	—	4.2	—	—	—	—	—	—	—	—	—	—	—		
11	—	—	—	—	—	20.0	—	—	—	—	—	11.0	—	—	—	—	—	—	—	—	—	—	—		
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
18	—	—	14.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
19	—	—	2.0	4.1	—	16.0	20.0	6.0	8.0	0.2	30.1	—	—	—	—	—	—	—	—	—	—	—	—		
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
23	—	—	16.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
24	12.4	10.0	—	18.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
24	18.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Suma Mensual	36.9	94.3	79.4	222.2	123.4	186.9	96.7	107.5	237.9	225.5	147.464.1	—	—	—	—	—	—	—	—	—	—	—	—		
Dias Lluviosos	3	10	10	18	14	16	9	12	15	20	14	10	—	—	—	—	—	—	—	—	—	—	—		
Total dias Lluviosos 151	ESTACION Anserma (Villakennedy) Caldas												ESTACION Manizales (Tarro Lizo) Caldas												TOTAL DEL AÑO
Total dias Lluviosos 151	TOTAL DEL AÑO 1.622.2 m.m.												TOTAL DEL AÑO (2.045.9)												20
Total dias Lluviosos 151	TOTAL DEL AÑO 1.622.2 m.m.												TOTAL DEL AÑO (2.045.9)												20

PRECIPITACION DIARIA

AÑO 1.968

ESTACION Marquetalre (Santa Eleusa) Cálidas

ESTACION Quimbaya - Quindío

ALTURA

ALTURA

ALTURA 1.400 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.																																							
1	11.0	49.0	6.0	7.0	13.0	7.0	7.0	7.0	4.0	3.0	---	12.0																																							
2	---	21.0	15.0	7.0	---	4.0	---	2.0	7.0	---	---	---																																							
3	---	24.0	3.0	---	1.0	3.0	29.0	---	32.0	---	---	---																																							
4	---	---	---	---	2.0	7.0	3.0	---	4.0	6.0	---	21.0																																							
5	---	---	---	---	1.0	---	---	14.0	---	---	---	---																																							
6	---	---	---	---	28.0	3.0	19.0	10.0	7.0	5.0	---	---																																							
7	13.0	2.0	---	---	26.0	21.0	---	---	6.0	36.0	9.0	7.0																																							
8	---	---	---	---	4.0	2.0	---	---	---	4.0	6.0	---																																							
9	---	9.0	---	---	25.0	---	---	---	7.0	42.0	---	5.0																																							
10	---	---	21.0	7.0	2.0	---	---	---	7.0	---	---	---																																							
11	10.0	36.0	14.0	---	9.0	2.0	---	---	9.0	---	---	---																																							
12	140.0	52.0	---	---	4.0	28.0	---	---	---	58.0	35.0	14.0																																							
13	---	40.0	20.0	40.0	26.0	---	---	---	---	---	7.0	---																																							
14	---	32.0	29.0	18.0	---	---	---	---	---	---	---	---																																							
15	6.0	---	56.0	---	20.0	---	18.0	---	18.0	---	13.0	15.0																																							
16	---	---	25.0	---	---	---	35.0	---	---	---	---	---																																							
17	---	---	18.0	11.0	17.0	---	---	---	2.0	---	16.0	---																																							
18	7.0	14.0	---	8.0	14.0	18.0	5.0	---	3.0	11.0	---	---																																							
19	3.0	15.0	---	6.0	---	8.0	---	---	22.0	---	2.0	8.0																																							
20	5.0	27.0	---	5.0	---	18.0	3.0	---	1.0	---	---	---																																							
21	26.0	7.0	---	---	---	---	---	16.0	---	4.0	3.0	---																																							
22	18.0	---	---	27.0	---	10.0	0.5	---	24.0	13.0	---	---																																							
23	5.0	---	---	40.0	---	---	---	5.0	5.0	15.0	---	---																																							
24	2.0	---	---	40.0	1.0	---	7.5	2.0	1.0	4.0	---	---																																							
25	---	---	---	---	2.0	6.0	---	---	16.0	---	---	---																																							
26	---	---	---	68.0	---	6.0	---	4.0	23.0	---	---	---																																							
27	---	7.0	---	52.0	4.0	---	---	---	17.0	---	---	---																																							
28	14.0	28.0	14.0	---	---	---	---	166.0	11.0	---	---	---																																							
29	6.0	36.0	---	---	---	---	---	---	23.0	---	---	---																																							
30	---	---	---	6.0	---	15.0	---	12.0	2.0	---	---	---																																							
31	---	---	15.0	4.0	1.0	12.0	---	32.0	2.0	33.0	26.0	---																																							
Suma Mensual	191.0	396.5	246.0	510.0	236.0	462.0	85.0	281.0	176.0	167.0	207.0	131.0	130.0	217.0	362.0	311.0	128.0																																		
Días Lluviosos	12	13	9	22	16	18	8	10	16	21	18	14	10	11	21	16	15	10																																	
Total días lluviosos	: 177																Total días lluviosos	: 165																TOTAL DEL AÑO	2.233.0																m.m.

PRECIPITACION DIARIA

AÑO 1-1968

DIA	ESTACION Pereira (Los C6mbulos) Risaralda												ESTACION Pereira (La Pastora) Risaralda											
	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.
1	16.0	0.8	2.0	2.0	6.0	6.0	3.0	3.0	3.0	3.0	3.0	3.0	6.0	11.0	4.0	13.0	3.0	12.2	10.2	7.3	17.0	17.2	42.0	
2	6.0	0.5	4.5	4.5	20.0	19.0	5.0	6.5	0.5	6.5	0.5	22.0	8.0	8.0	8.0	3.0	4.2	1.2	4.3	4.2	7.3	3.0	8.0	
3	6.5	0.5	4.5	4.5	8.0	0.5	8.0	0.5	1.0	0.5	1.0	22.0	1.3	2.0	1.0	3.2	1.2	2.0	0.2	13.5	13.5	28.0		
4	1.0	1.0	1.0	1.0	10.0	10.5	10.5	11.0	1.0	1.0	1.0	22.0	9.0	9.0	4.7	4.7	10.2	0.2	0.2	9.5	9.5	4.0		
5	10.5	10.5	10.5	10.5	2.0	2.5	1.0	2.0	2.0	2.0	2.0	22.0	1.3	1.3	1.3	1.3	11.5	6.0	6.0	3.2	3.2	4.0		
6	1.0	16.5	3.5	3.5	3.5	3.5	3.5	26.0	4.5	4.5	4.5	22.0	4.1	4.1	4.1	4.1	5.5	24.6	3.0	6.0	6.0	18.0		
7	8.5	4.0	4.0	4.0	2.0	2.0	10.0	10.0	2.0	2.0	2.0	22.0	19.7	20.5	2.0	2.0	7.0	18.5	2.0	7.0	18.5	12.0		
8	10.5	1.0	1.5	1.5	1.5	1.5	1.5	18.0	7.5	7.5	7.5	36.0	2.2	2.2	2.2	2.2	21.3	7.0	7.3	7.3	8.3	2.0		
9	17.0	4.0	4.0	4.0	13.5	1.0	1.0	22.0	41.5	8.0	8.0	22.0	2.0	40.6	5.0	2.0	2.0	11.6	2.0	2.0	11.6	2.0		
10	3.0	7.0	7.0	7.0	1.0	1.0	2.0	20.0	2.0	41.5	8.0	22.0	18.4	19.8	9.0	4.0	4.0	27.2	27.2	36.3	36.3	2.0		
11	7.0	7.0	7.0	7.0	2.0	2.0	4.0	4.0	4.0	4.0	4.0	22.0	11.0	5.0	26.4	2.0	2.0	4.0	4.0	56.5	56.5	2.0		
12	7.0	7.0	7.0	7.0	2.0	2.0	4.0	4.0	4.0	4.0	4.0	22.0	13.2	11.0	5.0	26.4	4.0	4.0	4.0	36.2	36.2	3.0		
13	25.5	7.0	7.0	7.0	1.0	1.0	1.0	5.0	5.0	6.0	6.0	22.0	10.0	2.3	3.0	3.0	2.2	3.2	2.2	7.0	7.0	2.0		
14	6.0	6.0	6.0	6.0	0.5	3.0	10.0	12.0	1.0	0.5	0.5	22.0	17.0	2.0	4.0	4.0	15.5	29.6	8.2	8.2	5.3	2.0		
15	6.5	6.5	6.5	6.5	2.5	1.0	1.0	1.0	1.0	1.0	1.0	22.0	4.0	4.0	4.0	3.0	4.4	4.4	4.4	18.2	18.2	2.0		
16	3.5	2.0	2.0	2.0	1.5	0.5	0.5	59.5	4.0	4.0	4.0	22.0	2.2	8.0	8.0	7.0	10.2	5.3	8.3	40.2	40.2	2.0		
17	22.0	2.0	2.0	2.0	4.0	3.5	3.5	56.5	16.0	16.0	16.0	22.0	1.1	4.0	4.0	7.0	7.0	5.3	7.0	33.6	33.6	2.0		
18	1.0	1.0	1.0	1.0	3.0	2.5	2.5	1.0	3.0	3.0	3.0	22.0	4.0	3.0	3.0	5.0	7.0	12.3	9.1	9.1	25.7	2.0		
19	12.5	4.0	4.0	4.0	8.5	2.0	2.0	9.0	14.0	1.0	1.0	22.0	15.0	8.0	7.0	7.0	3.0	4.2	3.0	9.7	9.7	2.0		
20	0.5	0.5	0.5	0.5	1.5	1.5	1.5	20.0	2.0	2.0	2.0	22.0	6.0	5.0	7.3	7.3	14.2	6.3	3.0	11.0	11.0	10.0		
21	17.0	2.5	2.0	2.0	2.0	0.5	0.5	12.0	12.5	12.5	12.5	22.0	7.0	3.0	14.2	14.2	6.3	3.0	6.3	6.3	6.3	22.0		
22	15.0	18.5	18.5	18.5	2.0	1.0	1.0	6.5	7.0	7.0	7.0	22.0	24.0	2.0	16.0	16.0	2.1	2.1	2.1	4.3	4.3	65.0		
23	2.0	2.0	2.0	2.0	2.0	2.0	2.0	18.5	22.0	22.0	22.0	22.0	3.0	1.0	7.1	9.0	9.0	4.0	4.0	9.2	9.2	4.0		
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	8.0	11.0	6.0	6.0	22.0	12.0	2.5	5.0	10.3	1.0	11.5	11.5	17.8	17.8	5.0		
25	0.5	8.5	4.5	4.5	0.5	0.5	0.5	15.0	58.0	1.1	4.0	22.0	4.0	7.5	0.5	3.3	3.3	3.0	3.0	1.7	1.7	8.0		
26	18.0	2.0	2.0	2.0	2.5	6.5	6.5	14.5	15.0	36.5	1.0	22.0	3.0	1.3	2.0	2.0	2.0	6.3	6.3	9.3	9.3	2.0		
27	8.0	8.0	8.0	8.0	6.0	8.0	8.0	2.0	0.5	1.0	1.0	22.0	6.0	6.0	2.0	2.0	6.1	6.1	6.0	12.0	12.0	5.0		
28	8.0	8.0	8.0	8.0	10.0	0.5	0.5	10.0	1.0	1.0	1.0	22.0	6.3	4.0	4.0	3.5	3.5	13.0	13.0	9.3	9.3	5.0		
29	106.0	98.2	82.5	38.0	178.5	65.0	151.0	159.5	343.5	192.6	79.0	22.0	128.5	71.9	101.0	213.7	128.1	182.3	64.6	154.3	468.5	304.0		
30	4	13	15	16	13	20	16	10	15	18	6	22.0	14	15	14	25	19	23	13	18	27	22		
31	0.5	8.0	8.0	8.0	10.0	0.5	0.5	10.0	1.0	1.0	1.0	22.0	6.3	4.0	4.0	3.5	3.5	13.0	13.0	9.3	9.3	5.0		
Suma Mensual	30.5	106.0	98.2	82.5	38.0	178.5	65.0	151.0	159.5	343.5	192.6	79.0	128.5	71.9	101.0	213.7	128.1	182.3	64.6	154.3	468.5	304.0		
Dias Lluviosos	4	13	15	16	13	20	16	10	15	18	6	22	14	15	14	25	19	23	13	18	27	22		
Total dias Lluviosos : 167												Total dias Lluviosos : (202)											TOTAL DEL AÑO (1-1968.6)	
											TOTAL DEL AÑO											m.m.		

PRECIPITACION DIARIA

AÑO 1.968

ESTACION Fian (Paloobildo) Tolima		ESTACION Chaparral (El Lámón) Tolima												ESTACION 1.000 m.												
ALTURA 1,500 m.		ALTURA 1,500 m.												ALTURA 1,000 m.												
DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre		
1	13.2	12.0	12.0	11.3	13.5	11.3	11.0	11.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
2	12.6	12.0	12.0	11.3	13.5	11.3	11.0	11.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
3	12.6	12.0	12.0	11.3	13.5	11.3	11.0	11.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
4	7.6	12.0	12.0	11.3	13.5	11.3	11.0	11.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
5	12.6	12.0	12.0	11.3	13.5	11.3	11.0	11.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
6	12.6	12.0	12.0	11.3	13.5	11.3	11.0	11.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
7	11.1	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
8	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	
9	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	
10	13.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	
11	36.6	5.1	2.2	1.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	
12	0.2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
13	0.1	7.7	21.8	14.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	
14	22.2	28.0	4.2	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
15	1.3	1.9	0.7	18.3	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	
16	1.3	1.9	0.7	18.3	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	
17	26.5	10.0	4.5	1.1	2.1	14.3	0.2	0.3	0.1	0.2	16.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
18	6.1	23.1	0.2	0.2	0.2	0.5	17.8	0.2	0.2	0.2	20.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
19	24.9	20.4	9.4	1.3	17.5	3.2	2.5	2.5	2.5	2.5	26.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
20	27.6	2.0	0.3	14.2	3.4	2.1	2.1	2.1	2.1	2.1	16.5	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
21	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	
22	64.4	5.5	10.4	0.3	9.7	2.0	2.0	2.0	2.0	2.0	9.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
23	30.4	2.7	29.2	0.4	0.4	0.1	0.1	0.1	0.1	0.1	16.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
24	3.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
26	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
27	13.3	7.0	6.1	2.5	1.6	0.3	18.0	22.8	2.5	0.5	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
28	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
29	0.3	12.6	5.1	2.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
30	6.1	0.1	1.1	1.1	1.4	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
31	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	
Suma Mensual	259.4	204.5	102.9	225.9	320.4	224.5	66.0	167.6	235.0	373.0	184.7	41.4	123.5	297.0	304.8	312.8	230.5	154.0	36.0	46.5	140.0	304.5	389.0	321.5		
Dias Lluviosos	16	19	14	26	21	23	15	17	22	27	22	11	3	11	14	22	14	14	5	6	10	17	15	12		
Total Dias Lluviosos :	233												TOTAL DEL AÑO 2,405.3												TOTAL DEL AÑO 2,650.1	
													m.m.													

PRECIPITACION DIARIA

AÑO 1.968

ESTACION "Atlatlato (Sinas) Huila

ALTURA 1.640 m.

ESTACION Guadalupe (Buenos Aires) Huila

ALTURA 1.025 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Dicbre.
1	—	—	20.0	4.0	—	—	6.0	4.0	9.0	—	—	6.0
2	—	—	10.4	—	—	6.4	8.0	2.1	4.0	4.0	4.0	—
3	—	0.7	—	6.5	0.2	—	4.3	2.0	0.3	0.3	0.3	8.3
4	—	—	—	10.0	—	—	8.0	6.0	2.5	6.0	—	14.1
5	28.0	—	—	8.3	0.5	4.0	4.2	—	6.0	4.0	—	—
6	—	—	—	—	—	2.0	12.0	0.3	—	8.0	6.0	—
7	—	—	4.0	12.0	—	—	14.0	4.0	—	6.0	4.0	—
8	—	—	—	—	6.0	—	18.5	—	—	4.0	8.0	6.0
9	—	—	—	6.4	—	10.3	20.0	—	2.0	4.0	4.0	0.5
10	2.0	—	—	—	—	8.3	10.0	—	4.0	—	2.0	—
11	—	—	—	—	—	16.0	6.3	2.0	—	—	6.0	—
12	—	—	34.0	18.0	0.5	—	6.0	—	6.0	—	—	4.0
13	—	—	—	—	—	—	12.0	—	8.0	—	—	2.0
14	—	—	—	14.0	—	—	8.0	—	6.0	—	—	4.0
15	—	—	—	—	8.5	4.0	10.5	—	—	—	4.0	—
16	—	—	10.0	—	—	6.3	—	4.0	2.0	—	8.0	—
17	—	—	—	—	—	—	6.0	6.0	4.0	14.3	—	10.0
18	—	—	—	—	—	8.0	4.3	0.3	—	2.0	4.0	0.3
19	—	12.0	—	—	—	6.5	2.0	8.0	—	—	—	—
20	—	—	—	—	—	6.7	2.3	—	—	—	—	—
21	4.0	—	6.0	2.0	6.0	4.0	10.0	—	—	2.0	—	4.0
22	—	—	—	—	—	2.3	8.0	8.0	0.3	—	6.0	—
23	—	—	12.5	—	—	—	6.2	18.0	—	—	10.0	—
24	8.0	—	—	18.3	4.3	—	6.0	6.0	6.0	—	8.0	0.2
25	—	—	4.5	—	2.3	4.5	4.0	4.3	4.0	—	—	—
26	—	—	4.0	0.7	—	6.0	2.0	8.0	—	—	4.0	—
27	—	6.3	—	—	—	10.0	4.0	10.0	—	8.0	2.0	4.0
28	—	—	4.5	6.0	18.0	8.0	6.0	0.3	2.1	0.3	4.0	0.3
29	5.0	—	—	—	8.0	6.0	8.0	4.0	—	—	—	0.1
30	30.0	—	2.1	6.0	—	4.0	4.0	—	—	4.0	—	—
31	—	—	—	—	—	—	6.3	—	2.0	0.3	—	—
Suma Mensual	77.0	19.0	112.0	102.7	58.9	129.3	222.9	107.3	67.2	67.8	84.6	63.8
Dias Lluviosos	6	3	11	15	11	21	30	20	17	15	18	15
Total: dias lluviosos	182											
	TOTAL DEL AÑO 1.111.9 m.m.											
	TOTAL DEL AÑO (884.8) m.m.											

Total dias lluviosos : (201) TOTAL DEL AÑO (884.8) m.m.

PRECIPITACION DIARIA

ANO 1.968

ESTACION Caidano (La Unión) Cauca

ESTACION Cajibío (La Aurelia) Cauca

ALTURA 1.500 m.

ALTURA 1.968

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.
1	9.0	19.0	---	---	---	1.5	3.0	---	---	---	---	---
2	6.5	37.5	---	---	---	3.5	0.5	---	---	---	---	---
3	35.0	---	---	---	---	21.5	6.0	---	---	---	---	15.5
4	---	---	---	---	---	32.0	---	---	---	---	---	10.5
5	---	---	---	---	---	15.0	---	---	---	---	---	---
6	---	---	---	---	---	26.5	---	---	---	---	---	---
7	---	---	5.5	---	---	---	---	---	---	6.5	18.0	---
8	---	---	6.0	---	---	---	---	---	9.5	50.0	6.5	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	9.0	---	---	---	---	---	---	15.0	---
12	---	---	---	22.5	---	---	---	---	---	---	---	---
13	48.0	---	---	0.5	32.0	---	---	---	---	---	8.0	---
14	---	---	---	38.5	---	20.0	---	---	---	10.0	16.0	---
15	2.0	41.5	---	4.5	---	---	---	---	---	---	---	---
16	---	---	5.5	---	30.0	---	46.0	---	---	---	---	---
17	---	---	---	3.0	---	---	---	34.0	---	---	15.0	---
18	---	---	---	---	18.5	1.0	---	---	---	8.0	---	---
19	---	5.0	---	7.5	---	---	---	---	---	8.5	7.0	---
20	---	---	---	---	6.5	---	---	---	---	---	14.5	---
21	21.5	4.0	---	---	0.1	---	---	---	---	---	20.0	24.0
22	28.0	50.0	---	---	---	1.5	---	---	---	---	50.0	---
23	---	---	---	---	---	---	---	---	---	---	30.0	---
24	11.0	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	17.5	6.5	---
26	---	15.5	---	15.5	2.0	---	---	---	---	---	---	---
27	---	---	---	---	---	---	12.0	---	---	---	---	---
28	---	8.0	---	---	---	4.5	---	---	---	8.0	13.0	38.5
29	54.5	---	6.5	---	8.5	25.0	---	45.0	---	---	4.5	---
30	---	---	---	24.0	15.0	---	---	---	---	25.5	32.5	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Suma Mensual	165.0	174.5	96.5	130.5	112.6	118.0	55.5	72.0	43.5	221.5	271.0	88.5
Días Lluviosos	6	9	6	10	8	10	4	3	2	9	17	4
Total días lluviosos : 88												TOTAL DEL AÑO 1.54921 m.m.

Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Novbre.	Diciembre.	
---	29.2	3.2	---	1.4	1.2	8.8	---	---	11.2	---	3.4	
---	6.4	8.6	---	---	6.8	1.4	---	---	---	---	15.0	
---	22.6	0.4	---	---	---	3.0	---	---	7.8	---	4.4	
---	8.8	---	2.8	---	---	11.4	5.8	2.2	2.0	8.6	1.4	
---	1.4	---	9.8	---	22.6	---	3.6	---	0.2	---	---	
---	5.8	2.6	3.4	4.4	4.4	---	3.8	---	6.0	---	---	
---	---	31.0	0.2	---	---	---	---	---	3.6	---	---	
---	---	9.8	---	8.6	---	---	---	7.4	32.2	2.2	---	
---	---	0.6	24.8	35.6	---	---	---	5.8	15.0	44.8	---	
---	---	15.2	19.4	3.0	---	---	---	7.2	---	---	44.0	
---	5.0	8.4	---	0.6	---	---	---	0.2	5.0	17.0	---	
---	---	5.2	3.8	43.2	---	---	---	---	10.0	13.8	---	
23.8	---	17.0	4.0	2.6	0.6	---	---	---	3.2	0.6	2.8	
16.2	---	3.0	17.2	10.8	7.4	---	---	---	---	1.0	7.4	
---	---	12.0	6.0	3.4	---	1.8	---	---	6.0	26.2	12.4	
---	---	0.8	5.8	0.6	---	5.4	---	---	---	22.2	---	
2.0	---	---	---	2.0	1.4	3.6	---	---	---	44.8	1.2	
14.0	0.8	1.8	---	---	0.4	2.8	---	19.8	16.2	37.8	4.6	
5.4	---	3.8	---	0.4	10.0	7.8	---	3.4	---	9.8	---	
---	8.4	---	13.4	15.4	1.0	---	---	---	2.6	6.2	48.0	
2.2	11.6	---	64.4	28.8	5.6	---	---	---	---	26.4	4.6	
45.6	14.0	---	18.0	3.4	0.6	---	---	---	---	21.4	6.6	
18.0	---	1.0	---	---	---	---	---	---	---	---	10.0	
0.2	---	---	---	2.6	4.0	---	---	---	2.2	3.6	7.0	
---	11.6	---	---	2.4	---	---	---	4.8	2.0	1.2	---	
---	10.2	---	1.6	0.6	---	---	---	18.6	0.8	15.2	---	
---	3.2	---	---	34.2	---	---	---	1.2	6.2	21.6	---	
24.2	3.0	5.2	10.0	1.6	5.6	---	---	---	2.4	2.6	---	
13.6	---	---	15.8	0.4	2.2	---	---	---	---	23.8	---	
19.2	---	---	---	18.4	---	---	---	13.2	---	---	---	
208.4	137.0	96.2	265.4	178.0	143.6	54.0	32.4	97.8	255.8	257.6	143.2	
Total días lluviosos : 184												TOTAL DEL AÑO 1.0868.8 m.m.

PRECIPITACION DIARIA

AÑO 1.968

ESTACION Santander - Cauca

ALTURA 1.112 m.

ESTACION Rosas - Cauca

ALTURA

1.750 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	8.5	1.2	2.1	22.4	21.0							
2	1.0	2.5	2.8									
3	2.5	1.0	57.2	0.9	2.5							
4	29.8	31.5	6.4	11.6	0.6	14.0						10.1
5	1.5	16.2		4.4								8.1
6		0.5		0.2	1.4							2.1
7		1.2	12.9	0.7								28.0
8	1.0	23.4	0.3	5.8	4.7							2.0
9		1.5	6.3		1.0	28.7						
10		5.2	37.1		2.6	16.5	2.0					
11		4.6	2.9									
12			12.5		1.8	6.5						
13	40.7	4.5	3.1	2.0	54.2							
14		10.5	26.2	18.0	2.0							
15		8.1	3.4		7.6							
16		8.0		24.7	1.5	3.0						
17			1.1	1.5								
18		9.0	2.0		2.5							
19		3.1	4.0	2.5								
20		33.4		1.2								
21	37.9		3.1									
22		63.5		0.3								
23	10.3		12.9		8.7							
24	40.6	26.0	1.7		18.6							
25		1.8			38.2	5.8	0.3					
26	1.0	12.1		69.0		8.0						
27		2.9			2.0	55.8	0.6	8.3				
28												
29	3.6			10.0	7.3	1.6						
30	2.5			5.5	7.4	2.1						
31	25.1				4.9	13.9						
Suma Mensual	161.7	187.1	104.8	179.9	80.5	194.5	68.7	197.7	155.3	305.7	144.6	88.0
Dias Lluviosos	8	13	16	17	10	20	4	8	13	20	16	9
Total dias Lluviosos	154	154	154	154	154	154	154	154	154	154	154	154

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	18.7	12.0										
2	2.0											
3	10.3	10.0										
4	14.0											
5												
6	4.2											
7	3.0	3.0										
8	10.0											
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Suma Mensual	233.7	281.4	81.3	356.1	172.5	75.6	39.4	57.2	69.6	559.2	2472.4	249.1
Dias Lluviosos	12	17	10	18	11	13	7	9	8	24	18	15
Total dias Lluviosos	162	162	162	162	162	162	162	162	162	162	162	162

1.750 m.

ALTURA

ESTACION Rosas - Cauca

ALTURA 1.112 m.

ESTACION Santander - Cauca

1.750 m.

PRECIPITACION DIARIA

AÑO 1-968

ESTACION Piendamó (Tunja) Cauca		ESTACION Bolívar (Chalguayaco) Cauca												ALTURA 1.800 m.		ALTURA 1.880 m.											
DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Dicibre.	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Dicibre.			
1	28.2	6.3	---	---	---	8.4	7.2	20.0	---	---	---	---	28.6	14.2	---	---	---	41.6	---	---	---	34.0	---	---			
2	7.3	18.0	---	---	---	2.0	4.2	8.1	1.0	20.0	10.1	---	8.2	---	---	---	---	---	---	---	---	---	---	---			
3	12.3	---	---	---	---	2.0	5.1	---	---	14.2	---	---	18.0	---	---	---	---	---	---	---	---	---	---	---			
4	25.0	---	---	---	---	3.2	---	---	3.1	27.1	20.1	---	---	47.6	---	---	---	---	---	24.6	---	---	---	---			
5	3.0	---	---	2.3	3.0	1.0	---	4.2	2.3	---	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---			
6	6.3	---	---	2.0	---	---	---	2.1	5.2	---	---	---	11.6	---	---	---	---	---	---	---	---	---	---	---			
7	11.0	---	20.3	1.1	3.0	---	---	3.0	11.4	---	---	---	4.0	---	---	---	56.8	---	---	---	30.2	---	---	---			
8	---	---	1.0	40.3	3.2	1.0	---	---	6.1	35.0	1.0	---	---	---	---	---	18.0	16.0	---	---	---	---	---	15.0			
9	---	---	32.3	3.0	1.0	2.1	---	---	2.1	17.0	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---			
10	---	---	22.0	3.3	2.4	2.1	---	---	8.2	6.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
11	---	---	---	---	---	---	---	---	18.0	18.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
12	2.2	---	---	---	---	---	---	---	---	2.1	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---			
13	52.0	---	7.0	6.1	1.2	4.0	---	---	6.1	1.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
14	1.0	---	3.0	12.0	1.2	1.0	1.0	---	---	1.2	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---			
15	18.4	---	8.0	4.2	10.0	5.3	1.4	---	---	---	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---			
16	---	---	---	---	---	---	36.0	---	---	17.2	17.0	8.0	---	---	---	---	---	---	---	---	---	---	---	---			
17	8.0	---	---	6.2	---	---	1.0	---	---	30.0	11.2	---	---	5.4	43.6	45.2	---	---	---	---	---	---	---	---			
18	---	---	---	3.2	---	---	1.3	---	2.3	12.4	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---			
19	9.0	2.0	---	---	---	6.2	---	1.0	12.2	44.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
20	3.2	---	---	8.2	---	2.0	---	1.0	---	5.0	31.2	---	---	---	---	---	---	---	---	---	---	---	---	---			
21	8.0	12.3	---	3.2	2.1	4.1	---	---	---	7.3	5.1	---	---	---	---	---	---	---	---	---	---	---	---	---			
22	3.2	10.0	---	40.3	---	---	---	---	---	4.3	11.0	---	---	---	---	---	---	---	---	---	---	---	---	---			
23	27.3	16.3	---	3.2	3.0	2.0	---	---	1.0	15.0	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---			
24	23.2	---	2.0	1.3	5.2	---	---	5.2	---	4.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
25	12.1	---	---	6.1	---	---	---	4.2	1.0	1.2	20.3	---	---	---	---	---	---	---	---	---	---	---	---	---			
26	---	1.3	---	1.3	4.3	1.0	---	1.2	1.3	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
27	---	20.3	---	3.2	4.1	1.0	---	4.3	22.3	2.1	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---			
28	3.0	16.2	---	---	---	---	---	---	---	27.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
29	52.1	3.1	1.0	1.0	1.0	2.3	---	2.1	1.0	1.0	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---			
30	53.0	---	---	1.0	1.0	4.1	---	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
31	17.3	---	---	---	2.3	---	7.3	---	---	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---			
Suma Mensual	321.0	180.6	120.9	197.0	69.3	53.0	57.2	35.4	84.3	215.8	282.2	130.0	170.0	193.0	181.6	277.2	102.8	114.4	---	88.4	86.0	466.6	265.0	104.0			
Días Lluviosos	16	15	11	24	19	18	8	8	13	22	22	11	6	10	7	11	4	3	---	3	3	18	13	4			
Total de días luviosos	187												82												TOTAL DEL AÑO	2.051.0	m.m.
Total de días luviosos	187												82												TOTAL DEL AÑO	1.746.7	m.m.

PRECIPITACIÓN DIARIA

AÑO 1.968

ESTACION Samaniego - Nariño

ALTURA 1.700 m.

ESTACION San José - Nariño

ALTURA 1.950 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Diciembre.
1	3.0	-	-	-	-	9.0	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	2.0	2.5	-
3	-	-	-	-	-	7.0	-	-	-	1.5	-	2.5
4	-	-	-	-	-	35.0	2.0	-	-	21.5	-	-
5	-	-	-	-	-	12.0	3.0	-	-	5.0	-	-
6	8.0	2.0	-	-	-	2.0	-	-	-	-	-	-
7	3.0	2.0	-	-	-	6.0	-	-	-	20.5	2.0	-
8	-	-	-	-	-	-	-	-	-	10.0	10.0	1.0
9	-	-	-	-	-	-	-	-	-	2.0	-	-
10	-	-	-	-	-	-	-	-	-	2.0	6.0	1.5
11	-	-	-	-	-	2.0	-	-	-	-	10.0	-
12	-	-	-	-	-	-	1.0	-	-	16.5	2.0	-
13	-	-	-	-	-	-	-	-	-	-	12.0	-
14	-	-	-	-	-	4.0	-	-	-	6.5	11.0	-
15	-	-	-	-	-	-	1.0	-	-	2.0	9.0	-
16	-	-	-	-	-	-	2.0	-	-	4.0	6.0	-
17	-	-	-	-	-	-	9.0	-	-	6.0	13.0	-
18	-	-	-	-	-	2.0	1.0	-	-	14.0	12.0	-
19	-	-	-	-	-	2.5	-	-	-	6.0	-	-
20	-	-	-	-	-	-	-	-	-	4.0	30.0	-
21	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	4.5	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-
24	15.5	-	-	-	-	-	-	0.2	-	-	7.0	26.0
25	10.0	-	-	-	-	-	-	-	-	-	23.0	6.5
26	-	-	-	-	-	-	-	-	-	60.5	58.0	-
27	5.0	-	-	-	-	-	-	0.5	-	6.0	6.0	1.0
28	7.0	-	-	-	-	-	-	0.2	-	4.0	2.5	5.0
29	-	-	-	-	-	2.0	-	-	-	13.0	-	4.0
30	5.0	-	-	-	-	6.0	-	-	-	3.0	-	2.0
31	4.0	-	-	-	-	-	-	30.0	-	-	-	-
Suma Mensual	60.5	-	-	-	-	89.0	26.0	30.9	140.0	167.0	159.0	37.5
Días Lluviosos	9	-	-	-	-	13	8	4	11	17	17	5
Total de días lluviosos : (84)												
TOTAL DEL AÑO (709.9) m.m.												
Total de días lluviosos : 122												
TOTAL DEL AÑO 1.605.7 m.m.												

PRECIPITACION DIARIA

AÑO 1.968

ESTACION San Pablo - Marino

ALTURA 1.780 m.

ESTACION Los Andes (Sotamayor)

ALTURA 1.650 m.

DIA	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septbre.	Octubre	Novbre.	Dicbre.
1	32.8	-	-	-	44.8	-	-	10.2	-	2.8	-	2.0
2	12.6	18.0	-	-	1.4	-	-	-	-	-	-	4.0
3	20.0	4.0	-	-	-	-	-	-	-	-	-	-
4	26.2	-	-	-	-	-	-	-	-	-	-	-
5	-	-	0.6	-	12.6	-	-	-	-	15.0	-	4.0
6	-	-	0.6	-	2.0	0.8	-	-	-	11.2	-	6.0
7	-	-	1.2	10.0	4.0	0.8	-	-	-	16.6	-	6.0
8	1.0	24.6	15.8	14.0	8.0	10.8	-	4.8	10.2	-	-	-
9	-	-	4.6	24.0	-	-	-	-	10.0	-	-	-
10	-	-	8.0	2.0	-	-	-	-	4.0	12.6	-	-
11	-	-	-	-	-	-	-	-	10.8	24.4	-	-
12	-	-	-	-	-	-	-	-	24.4	18.4	4.8	-
13	4.0	-	-	2.8	-	-	-	-	-	-	1.0	-
14	8.2	-	6.6	-	46.0	-	-	-	14.8	20.0	-	-
15	-	-	18.4	-	-	-	-	-	12.0	-	-	-
16	-	-	-	-	-	-	-	-	18.4	0.8	-	-
17	-	-	-	10.0	2.0	-	-	-	21.2	10.0	-	-
18	-	-	-	-	-	6.0	-	-	29.2	-	-	-
19	-	6.5	-	-	-	-	5.0	28.8	-	-	-	-
20	-	3.0	-	-	-	-	-	-	0.8	-	-	-
21	-	4.0	-	-	-	-	-	-	-	4.0	24.2	-
22	4.4	6.0	-	-	4.6	-	-	2.2	-	19.2	45.0	-
23	-	14.0	-	4.2	-	-	-	-	-	14.0	34.0	-
24	14.2	-	-	-	-	-	-	-	-	-	6.0	2.0
25	8.6	28.0	-	-	-	-	-	-	-	3.8	-	4.0
26	-	-	-	-	-	-	-	-	-	11.6	-	-
27	-	-	-	8.0	-	-	-	-	-	40.8	36.6	8.0
28	-	16.0	-	-	-	-	-	-	-	1.4	50.8	6.0
29	-	12.0	-	4.8	0.8	0.6	-	-	-	-	-	-
30	6.4	-	-	-	6.9	-	-	-	22.6	0.8	-	-
31	14.8	-	-	-	-	-	-	-	-	-	-	-
Suma Mensual	171.1	106.4	128.6	81.4	82.4	-	-	82.0	310.0	175.2	130.0	-

Total de días lluviosos: (110)

TOTAL DEL AÑO 1.328.7 m.m.

Total de días lluviosos: 188

TOTAL DEL AÑO 1.887.5 m.m.