

# BOLETIM METEOROLÓGICO 1999

## JANEIRO - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1															
2															
3															
4															
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24															
25															
26															
27															
28															
29	22.4	29.8	18.2	84	933.1	7.2	4.8	8.0	2.3	7.30	47.2	1.6 NW	4.6 NW	0.0 C	19.8
30	24.0	31.8	19.8	76	932.8	9.0	4.8	20.0	2.8	4.72	35.3	1.6 NW	2.8 NW	1.3 N	18.3
31	23.4	30.6	18.8	84	933.8	6.7	5.2	5.0	4.3	6.8	47.9	2.5 NW	2.5 S	1.3 S	18.0

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.

## FEVEREIRO - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1															
2	22.7	31.2	16.4	73	934.4	12.3	0.0	0.0	5.0	7.04	43.8	2.8 N	3.5 N	0.0 C	16.9
3	22.7	31.8	16.9	91	934.4	10.1	4.6	20.0	5.6	7.53	43.8	4.0 N	1.5 NW	1.3 N	18.4
4	24.5	31.8	18.4	67	934.7	11.6	0.0	0.0	3.9	5.70	42.4	2.1 N	2.1 NW	0.7 N	20.2
5	23.3	30.0	20.2	82	935.2	1.9	0.0	0.0	4.8	7.33	26.5	1.5 SW	2.1 W	0.5 N	17.0
6	23.5	30.8	17.0	73	935.6	7.1	0.0	0.0	3.2	4.86	30.5	3.3 N	2.6 NW	0.0 C	18.0
7	23.7	30.5	18.0	65	937.1	9.2	0.0	0.0	3.9	5.39	41.0	3.3 N	4.0 N	0.0 C	16.6
8	23.4	32.0	16.6	70	936.9	11.8	0.0	0.0	6.5	7.52	51.5	3.3 N	2.8 W	0.5 NW	17.4
9	23.9	32.0	17.4	78	935.2	9.0	15.8	20.0	4.5	6.79	38.0	5.0 N	3.5 N	2.0 W	18.9
10	23.7	30.4	18.9	84	932.7	1.5	2.0	2.5	4.7	6.69	44.8	2.0 N	1.3 W	0.0 C	20.0
11	24.1	33.4	20.0	81	935.6	7.4	30.6	40.0	3.0	2.41	22.5	1.0 W	1.6 W	2.1 N	19.9
12	22.6	26.5	19.9	82	933.7	0.4	0.6	0.5	3.4	10.06	36.7	1.5 W	2.0 N	0.3 N	19.0
13	22.2	28.0	19.0	86	936.4	5.6	0.0	0.0	1.8	2.92	18.0	1.3 N	2.6 N	0.5 N	18.2
14	22.7	29.0	18.2	80	937.3	6.9	0.0	0.0	2.8	4.28	37.7	2.0 N	2.0 W	0.3 N	18.0
15	23.5	33.0	18.0	79	936.6	9.8	8.1	20.0	3.4	5.18	34.4	2.1 W	1.3 W	0.5 N	18.1
16	22.2	30.3	18.1	86	935.5	5.0	6.9	20.0	4.5	6.31	30.6	2.1 N	2.3 N	0.5 W	18.0
17	22.9	30.0	18.0	80	935.1	4.8	0.4	0.5	1.8	4.15	22.3	1.3 W	1.3 W	0.0 C	17.3
18	22.9	29.8	17.3	78	934.9	11.7	0.0	0.0	2.8	4.03	28.1	2.8 N	2.8 W	0.0 C	18.6
19	23.4	29.9	18.6	74	934.9	11.2	0.0	0.0	3.9	5.81	41.1	2.6 N	3.1 W	0.5 N	17.5
20	23.6	31.0	17.5	69	936.5	12.0	0.0	0.0	5.1	6.36	40.7	2.8 N	1.3 N	0.0 C	20.1
21	23.8	30.0	20.1	71	935.7	6.6	0.0	0.0	4.0	6.98	39.1	2.0 N	2.0 W	0.7 N	17.4
22	23.1	30.0	17.4	72	935.0	9.5	0.0	0.0	4.2	5.82	34.0	3.1 N	1.5 N	0.0 C	18.0
23	22.1	28.0	18.0	76	934.7	4.1	0.0	0.0	4.2	5.88	31.0	3.3 N	2.6 W	0.0 C	18.4
24	22.2	30.4	18.4	83	933.5	7.8	5.8	20.0	3.6	4.72	36.8	5.1 N	2.3 N	0.5 N	19.8
25															
26	21.0	25.0	19.0	92	935.0	0.3	2.5	6.0	2.4	2.79	48.2	2.3 N	1.3 W	0.0 C	19.6
27	22.0	27.2	19.6	86	934.9	0.6	0.0	0.0	1.1	1.11	36.8	3.3 N	1.3 W	0.0 C	19.8
28	22.8	28.0	19.8	83	932.8	0.5	2.7	5.0	2.5	3.41	35.5	3.3 N	1.6 W	0.7 W	19.0

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.

## MARÇO - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1	21.5	25.0	19.0	91	932.4	0.0	1.3	1.0	2.8	3.86	33.0	3.6 W	2.0 N	0.5 N	19.0
2	21.0	23.0	19.0	95	932.9	0.0	69.3	20.0	1.9	3.04	23.7	1.3 N	2.6 N	0.0 C	19.0
3	22.0	27.8	19.0	90	934.7	7.2	3.0	8.0	0.7	1.03	18.3	1.6 W	3.0 W	1.3 W	18.1
4	21.3	27.4	18.1	87	930.9	4.9	0.0	0.0	2.0	4.32	28.7	0.8 W	2.3 W	0.3 W	19.0
5	23.0	30.0	19.0	77	929.5	9.5	1.2	10.0	2.2	3.06	19.3	1.6 N	2.3 N	0.0 C	19.8
6	23.1	30.5	19.8	81	930.3	6.4	10.1	5.0	3.6	4.71	24.4	1.3 N	2.0 W	0.7 W	18.8
7	20.4	21.4	18.8	96	933.4	0.0	19.3	20.0	2.0	4.38	28.1	2.8 N	0.7 W	0.0 C	18.7
8	21.8	28.3	18.7	85	934.1	5.7	0.0	0.0	0.6	1.22	14.1	3.0 N	3.0 N	0.3 N	16.1
9	23.2	30.4	16.1	81	933.0	8.5	21.4	20.0	2.6	5.04	31.3	3.3 N	0.8 W	1.6 N	18.6
10	22.7	30.6	18.6	88	932.9	5.3	73.3	40.0	3.0	4.47	20.0	0.7 W	1.6 W	0.8 N	17.3
11	21.5	28.0	17.3	90	932.6	2.0	6.2	6.0	2.1	4.02	24.1	2.3 N	3.0 NW	1.3 W	19.0
12	21.6	28.0	19.0	94	932.7	3.6	11.2	8.0	1.6	3.94	26.8	1.0 N	0.5 NE	1.6 SW	17.0
13	21.1	25.2	17.0	80	933.6	2.2	0.0	0.0	1.8	3.74	24.8	1.3 NE	3.3 NE	0.8 NE	16.0
14	20.6	27.2	16.0	86	935.4	8.0	0.0	0.0	2.6	3.93	41.4	1.3 NW	1.3 SW	0.8 N	17.2
15	20.8	26.8	17.2	89	935.8	9.8	0.0	0.0	3.0	3.83	31.8	1.6 N	2.1 SW	1.0 N	16.7
16	21.1	27.6	16.7	86	936.0	8.6	0.0	0.0	2.4	3.95	26.8	0.7 N	2.6 NE	0.5 N	16.0
17	20.7	28.3	16.0	82	935.2	7.6	0.0	0.0	2.5	4.48	23.2	1.3 N	1.3 NE	0.3 N	15.1
18	20.7	28.2	15.1	79	934.6	11.0	0.0	0.0	3.1	3.64	21.7	1.3 N	2.6 NE	1.3 N	14.7
19	20.6	27.8	14.7	79	934.7	7.8	0.0	0.0	3.2	5.34	33.4	1.3 N	1.6 NE	0.0 C	17.1
20	21.6	28.6	17.1	76	935.0	10.6	0.0	0.0	2.8	4.05	18.5	1.6 N	2.3 N	0.3 N	15.3
21	21.7	29.0	15.3	78	935.6	11.2	0.0	0.0	3.6	5.83	29.9	4.0 N	2.6 N	0.0 C	15.0
22	22.7	30.6	15.0	73	936.4	11.6	7.3	20.0	3.4	5.57	31.1	2.0 N	1.6 NW	0.5 N	18.0
23	23.0	30.0	18.0	83	936.2	7.7	0.4	0.5	3.6	5.07	26.6	2.1 N	2.6 NW	1.3 W	19.0
24	21.5	27.4	19.0	88	935.3	2.5	29.1	20.0	3.4	5.58	31.6	3.6 N	1.8 NW	0.3 N	18.5
25	22.9	29.4	18.5	80	935.4	8.7	0.5	0.5	2.1	4.38	34.3	3.1 N	1.0 NW	0.5 N	18.0
26	23.6	32.2	18.0	87	935.4	8.7	0.0	0.0	3.1	4.68	31.1	0.7 W	2.3 NW	0.5 N	19.0
27	22.8	30.4	19.0	85	935.5	9.6	0.0	0.0	2.2	4.28	12.6	0.5 W	1.3 W	0.5 NW	18.0
28	23.2	29.8	18.0	86	934.4	8.3	0.0	0.0	3.0	4.14	20.6	2.8 NW	2.1 NW	0.0 C	19.3
29	25.2	32.9	19.3	77	932.8	9.6	16.8	20.0	2.7	3.70	33.2	3.1 N	0.8 NW	0.8 W	20.1
30	24.5	32.0	20.1	87	934.3	5.7	0.6	2.0	3.4	6.52	33.3	0.7 W	0.5 W	0.8 NW	21.2
31	24.3	30.2	21.2	82	936.9	5.9	0.0	0.0	2.2	3.76	10.4	1.3 W	1.3 N	0.7 N	18.2

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.

## ABRIL - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1	22.7	29.0	18.2	81	938.3	8.4	0.0	0.0	2.1	3.80	15.1	1.0 N	0.7 NW	0.5 N	16.0
2	21.5	29.8	16.0	84	938.5	8.2	0.0	0.0	2.6	4.17	10.6	0.8 W	0.5 SW	0.0 C	17.0
3	22.7	32.4	17.0	75	938.0	10.4	0.0	0.0	1.9	4.86	9.4	0.7 W	1.6 W	0.3 W	19.6
4	23.4	30.0	19.6	79	937.2	9.3	0.0	0.0	4.2	5.60	14.4	0.8 W	1.5 N	0.5 N	19.8
5	22.8	29.4	19.8	81	936.8	5.6	0.0	0.0	2.6	4.36	19.2	0.8 N	1.0 NW	0.0 C	19.4
6	22.5	30.0	19.4	83	936.8	8.4	0.0	0.0	2.2	3.31	14.5	0.8 N	2.1 W	0.0 C	17.0
7	22.0	30.2	17.0	86	936.4	10.8	0.0	0.0	2.4	4.40	19.0	1.3 W	1.6 W	0.0 C	16.0
8	22.3	30.0	16.0	81	936.3	9.9	0.0	0.0	3.4	4.69	16.2	2.1 N	1.3 W	0.5 N	17.0
9	22.2	30.4	17.0	81	937.2	9.5	0.0	0.0	3.1	4.44	25.3	2.0 N	1.3 NW	1.3 NW	18.0
10	20.0	23.6	18.0	85	938.3	0.2	0.0	0.0	2.8	4.23	35.7	2.3 SE	0.8 NW		16.0
11	19.7	26.8	16.0	76	940.4	10.1	0.0	0.0	2.0	2.72	22.6	1.6 NE	3.3 NE	0.0 C	15.4
12	19.2	27.2	15.4	79	940.0	8.8	0.0	0.0	3.2	3.48	25.8	1.3 W	2.3 W	0.5 NW	14.0
13	19.8	27.2	14.0	78	937.3	7.1	0.0	0.0	3.5	4.26	27.2	2.8 N	2.8 NW	0.3 NW	15.0
14	21.9	30.4	15.0	74	935.9	10.4	26.8	40.0	2.9	3.24	31.7	2.1 N	1.3 W	0.0 C	18.5
15	22.6	30.0	18.5	80	935.2	2.4	0.0	0.0	3.8	4.24	25.0	0.5 N	1.6 W	0.3 NW	18.0
16	22.3	30.0	18.0	89	934.3	5.2	6.3	40.0	2.6	4.15	16.0	2.8 W	1.6 N	0.8 W	
17	22.3	29.0	18.5	95	935.1	5.1	2.0	8.0	2.1	2.65	34.9	0.5 W	2.5 W	0.0 C	16.8
18	18.0	20.2	16.8	93	938.3	0.0	0.2	0.5	1.7	3.43	93.0	2.8 W	1.3 W	0.5 N	17.3
19	19.5	22.2	17.3	91	938.8	0.5	0.8	0.5	1.0	1.87	16.5	0.5 W	0.8 NW	0.8 NW	19.0
20	21.9	29.6	19.0	86	937.2	6.9	0.0	0.0	0.3	0.35	6.0	0.5 W	0.8 W	0.5 NW	18.8
21	22.5	30.6	18.8	84	936.8	8.3	0.0	0.0	1.8	3.62	82.0	0.8 W	0.3 NW	0.3 NW	18.0
22															
23	18.7	24.2	16.0	82	940.0	5.3	0.0	0.0	2.5	4.84	21.1	1.3 N	2.1 NW	0.0 C	12.8
24	19.3	26.0	12.8	80	937.8	10.1	0.0	0.0	2.2	4.79	27.2	0.8 W	0.5 W	0.5 W	12.8
25	17.7	26.0	12.8	84	937.7	5.7	0.0	0.0	2.5	2.28	11.5	0.0 C	0.8 W	0.0 C	13.8
26	17.9	27.8	13.8	82	937.8	10.3	0.0	0.0	2.0	2.15	12.2	0.8 W	1.6 N	0.0 C	13.3
27	17.5	25.0	13.3	83	938.5	7.7	0.0	0.0	2.7	4.19	16.3	0.7 N	1.3 N	0.0 C	14.9
28	17.9	23.6	14.9	83	938.9	3.9	0.0	0.0	2.8	3.56	23.8	1.5 N	1.3 N	0.0 C	13.5
29	17.9	25.6	13.5	80	938.9	7.4	0.0	0.0	2.4	3.04	17.8	1.0 W	0.5 W	0.5 W	13.9
30															

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.

## MAIO - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1	20.2	29.0	16.0	82	940.0	7.5	0.0	0.0	2.8	3.91	14.6	0.8 W	0.8 N	0.0 C	16.0
2	19.5	26.8	16.0	81	940.6	10.2	0.0	0.0	2.4	3.53	16.1	1.6 NE	1.6 NE	0.0 C	13.5
3	19.1	27.5	13.5	81	940.0	10.4	0.0	0.0	0.8	4.54	22.9	0.7 W	0.5 NW	0.0 C	13.3
4	18.0	27.2	13.3	85	938.1	8.4	0.0	0.0	4.4	3.41	15.2	1.3 W	1.5 N	0.0 C	13.0
5	19.0	26.3	13.0	79	938.4	8.3	0.0	0.0	2.8	3.16	16.2	4.5 N	2.6 NW	0.0 C	14.0
6	20.4	27.4	14.0	81	936.5	6.9	0.0	0.0	3.4	3.54	35.8	3.3 N	1.6 NW	0.0 C	17.4
7	20.4	25.5	17.4	89	934.5	1.7	0.8	1.0	3.4	3.42	47.0	3.8 N	0.8 W	0.0 C	16.0
8	18.2	23.6	15.6	86	937.3	6.1	0.0	0.0	1.6	1.38	20.0	1.6 NW	0.8 NW	0.5 NW	15.0
9	18.0	23.7	15.0	77	940.0	1.7	0.0	0.0	1.9	2.10	24.8	0.8 NW	0.8 NW	0.5 NW	12.2
10	17.4	25.0	12.2	83	940.1	7.2	0.0	0.0	2.7	3.68	20.7	2.0 N	2.8 NE	0.8 NW	10.4
11	17.6	26.0	10.4	76	938.7	9.9	0.0	0.0	3.2	2.71	24.0	1.3 S	1.3 W	0.0 C	13.9
12	19.3	29.0	13.9	83	935.5	9.4	0.0	0.0	2.4	4.63	15.2	1.3 W	2.8 W	0.0 C	15.0
13	18.7	26.2	15.0	80	936.0	9.5	0.0	0.0	3.6	4.09	20.5	1.6 W	1.0 NW	2.1 NW	12.8
14	15.8	22.8	12.8	78	941.1	8.7	0.0	0.0	3.5	4.46	55.3	2.3 SW	0.8 NW	0.0 C	10.0
15	15.0	22.6	10.0	84	941.8	9.1	0.0	0.0	2.8	2.90	37.6	2.3 SW	0.8 NW	0.0 C	9.7
16	15.7	23.7	9.5	78	940.0	8.8	0.0	0.0	3.2	2.87	30.8	1.6 W	1.0 N	0.8 N	9.0
17	15.7	25.0	9.0	82	939.7	8.5	0.0	0.0	0.9	3.52	26.4	0.5 N	1.6 SW	0.0 C	10.4
18	15.8	26.0	10.4	83	937.9	7.5	0.0	0.0	4.1	2.55	19.4	0.5 W	1.3 W	0.0 C	9.2
19	16.6	26.8	9.2	80	936.6	10.0	0.0	0.0	2.9	3.09	21.3	0.7 N	1.6 NW	0.0 C	14.0
20	18.5	28.0	14.0	67	934.0	10.8	0.0	0.0	3.9	3.84	25.5	1.3 W	5.6 W	0.5 W	3.9
21	12.4	24.0	3.9	74	936.3	10.2	0.0	0.0	1.7	5.79	57.1	1.0 N	1.0 W	0.0 C	6.6
22	13.9	23.8	6.6	85	938.1	10.4	0.0	0.0	3.9	3.21	26.7	0.8 SW	1.6 SW	0.0 C	6.0
23	13.1	23.0	6.0	82	939.1	9.7	0.0	0.0	3.0	2.46	24.1	0.5 N	1.6 NW	0.0 C	7.0
24	14.8	21.8	7.0	84	938.5	7.0	0.0	0.0	2.8	2.13	26.0	4.6 N	3.6 N	0.3 N	4.8
25	14.8	23.6	4.8	85	939.9	4.0	0.0	0.0	2.2	2.25	42.4	1.0 W	2.0 SW	0.0 C	12.0
26	16.8	24.0	12.0	82	938.6	8.6	0.0	0.0	1.8	2.14	20.5	1.3 W	1.0 W	0.8 NW	9.7
27	16.3	26.6	9.7	84	939.9	9.9	0.0	0.0	3.8	3.47	35.6	0.8 W	2.0 W	0.0 C	10.8
28	18.8	28.0	10.8	80	940.9	8.5	0.0	0.0	3.4	3.30	30.6	0.5 N	2.0 N	1.6 NW	15.0
29	19.0	25.6	15.0	77	938.6	6.8	0.0	0.0	3.4	3.53	30.0	1.6 W	2.8 N	0.0 C	15.0
30	20.0	27.5	15.0	80	931.6	4.0	0.4	0.5	3.3	3.50	31.5	0.5 N	2.0 W	1.0 W	11.0
31	14.6	21.8	11.0	69	936.7	10.7	0.0	0.0	3.7	2.69	49.3	4.0 W	3.0 NW	0.5 NW	9.7

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.

## JUNHO - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1	14.8	23.2	9.7	78	939.2	8.8	0.0	0.0	3.7	3.70	42.4	0.7 W	1.6 W	0.0 C	8.0
2	14.5	24.7	8.0	86	940.1	8.6	0.0	0.0	2.9	3.22	28.8	0.5 W	0.8 W	0.0 C	8.0
3	15.1	25.8	8.0	86	939.1	8.8	0.0	0.0	2.2	2.18	21.1	0.7 W	2.3 N	0.0 C	9.0
4	17.0	28.0	9.0	78	937.6	9.8	0.0	0.0	2.8	2.77	25.9	0.5 W	0.8 W	0.3 N	15.0
5	17.4	23.8	15.0	84	938.2	7.2	0.0	0.0	3.8	3.25	27.2	0.0 C	3.1 NW	0.0 C	11.8
6	17.9	27.0	11.8	81	938.1	8.6	4.2	20.0	2.2	3.34	32.6	0.0 C	1.6 NW	0.5 NW	14.2
7	16.4	18.6	14.2	93	940.7	0.0	0.0	0.0	3.4	2.81	34.4	0.7 SW	1.3 SW	0.0 C	15.0
8	17.8	23.8	15.0	87	942.5	7.3	0.0	0.0	0.9	0.60	11.5	1.0 SW	0.3 W	0.5 W	14.4
9	16.6	21.6	14.4	96	943.5	1.9	0.0	0.0	1.7	2.55	26.9	0.7 SW	1.0 N	0.0 C	14.9
10	16.8	23.0	14.8	85	941.6	5.7	0.0	0.0	1.5	1.30	17.3	3.8 N	2.8 N	0.3 W	11.3
11	17.9	26.6	11.3	87	938.9	8.7	0.0	0.0	3.3	2.22	43.6	2.1 S	1.5 S	0.3 W	11.2
12	17.2	25.0	11.2	87	940.8	3.8	0.0	0.0	3.0	2.79	26.2	0.8 W	1.6 W	0.0 C	11.8
13	16.2	22.4	11.8	92	940.0	0.0	0.0	0.0	1.8	2.14	17.3	2.8 N	2.1 W	0.0 C	13.0
14	16.5	23.3	13.0	87	939.0	2.3	0.0	0.0	1.7	1.93	22.8	1.0 S	0.7 NW	0.0 C	13.0
15	15.3	20.0	13.0	93	938.4	0.3	0.0	0.0	2.2	3.06	19.5	1.6 W	0.5 N	0.0 C	11.4
16	14.9	20.2	11.4	93	938.2	1.7	0.0	0.0	0.6	0.58	15.5	0.3 S	2.0 NW	0.0 C	9.0
17	14.5	25.7	9.0	80	938.1	6.8	0.0	0.0	1.7	1.60	17.4	1.0 S	2.5 S	0.0 C	8.7
18	14.9	23.2	8.7	86	937.6	7.4	0.0	0.0	2.1	2.74	20.9	0.5 W	2.0 SW	0.0 C	9.3
19	16.0	26.4	9.3	84	935.9	6.5	0.0	0.0	2.2	3.14	26.1	0.3 N	1.0 S	0.0 C	9.3
20	16.9	24.8	9.6	81	936.2	1.7	1.4	0.5	4.4	3.20	24.2	0.3 W	1.0 N	0.0 C	15.0
21	18.6	23.4	15.0	87	934.2	1.3	7.6	20.0	1.3	1.72	33.6	2.5 N	2.0 NW	0.0 C	13.2
22	17.0	27.0	13.2	77	935.0	8.5	0.0	0.0	1.5	2.11	28.0	0.7 W	4.6 W	0.0 C	8.5
23	15.6	25.4	8.5	81	936.2	7.7	0.0	0.0	4.0	4.98	25.8	1.5 W	0.7 N	0.0 C	10.0
24	15.8	25.2	10.0	84	936.7	4.9	0.0	0.0	2.5	2.83	20.2	0.7 W	3.0 S	0.0 C	12.8
25	17.2	26.2	12.8	81	938.1	4.3	0.0	0.0	2.5	2.57	23.7	1.0 S	1.0 S	0.0 C	10.9
26	17.3	26.0	10.9	81	940.3	5.1	0.0	0.0	2.5	2.79	21.8	0.5 W	1.5 SW	0.0 C	12.2
27	16.6	25.0	12.2	84	940.0	3.4	0.0	0.0	2.8	3.27	28.1	0.0 C	1.5 W	0.5 W	11.0
28	16.3	24.4	11.0	82	937.2	0.0	0.0	0.0	2.5	3.78	22.4	1.3 W	1.3 NW	0.0 C	11.7
29	18.9	28.4	11.7	76	934.9	9.5	0.0	0.0	3.4	3.30	35.9	2.8 N	2.6 N	0.3 NW	12.5
30	19.0	28.4	12.5	75	936.7	7.1	0.0	0.0	4.3	3.78	36.3	0.3 N	1.3 S	0.0 C	14.0

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.

## JULHO - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1	15.3	18.2	14.0	94	941.3	0.0	0.0	0.0	3.3	2.55	35.0	2.0 S	1.5 NW	0.5 W	11.6
2	15.6	23.4	11.6	84	940.8	3.4	0.0	0.0	0.9	0.74	39.5	1.0 W	2.1 NW	0.8 N	9.0
3	16.4	23.4	9.0	81	939.4	8.7	0.0	0.0	2.3	2.10	21.4	1.0 NW	2.1 NW	0.5 N	11.8
4	19.3	27.8	11.8	76	939.0	10.1	0.0	0.0	3.2	3.58	41.4	0.7 W	2.3 NW	0.0 C	14.9
5	18.1	22.4	14.9	87	941.8	0.5	0.0	0.0	3.6	3.18	34.9	1.0 W	1.6 NW	1.0 W	14.9
6	16.4	19.2	14.9	86	944.0	0.6	0.0	0.0	1.6	1.74	37.2	1.3 SW	0.5 NW	0.0 C	13.0
7	15.9	19.4	13.0	89	943.8	0.0	0.0	0.0	1.2	1.78	17.5	0.7 W	0.8 W	0.5 N	9.8
8	15.4	24.8	9.8	86	941.4	8.0	0.0	0.0	1.4	1.14	10.8	0.0 C	1.0 S	0.0 C	12.2
9	16.2	21.7	12.2	90	941.1	0.4	0.0	0.0	2.4	2.62	24.9	0.5 S	0.7 S	0.5 N	14.7
10	15.9	20.0	14.7	92	942.2	2.3	0.0	0.0	1.7	1.04	14.8	1.3 S	1.6 S	0.5 W	12.0
11	14.9	21.4	12.0	85	944.3	3.7	0.0	0.0	0.4	1.04	22.3	1.0 S	2.8 SW	0.5 W	8.6
12	14.3	22.6	8.6	70	945.1	10.3	0.0	0.0	1.8	1.75	28.6	1.3 NE	1.3 SE	0.5 S	10.2
13	15.4	23.4	10.2	81	944.5	9.8	0.0	0.0	3.4	3.11	34.5	1.6 SW	1.5 SW	0.0 C	10.1
14	15.2	25.4	10.1	79	943.6	10.4	0.0	0.0	2.0	1.78	36.4	1.3 N	0.5 NW	0.0 C	11.0
15	16.3	23.4	11.0	87	942.7	1.0	0.0	0.0	3.7	3.86	27.6	1.0 W	1.6 SW	0.0 C	13.5
16	17.5	24.8	13.5	83	941.0	2.4	0.0	0.0	1.8	1.54	16.4	0.5 SW	3.0 S	0.0 C	15.2
17	17.8	24.0	15.2	85	941.9	5.5	0.0	0.0	2.9	2.66	37.2	0.8 SW	0.8 N	0.0 C	12.0
18	17.8	26.9	12.0	80	942.7	6.6	0.0	0.0	3.2	2.18	25.3	0.5 W	1.0 SW	0.0 C	12.9
19	18.7	26.4	12.9	78	941.8	7.4	0.0	0.0	1.6	3.34	18.4	0.8 W	2.0 SW	0.5 W	13.2
20	18.2	25.6	13.2	74	941.0	7.2	0.0	0.0	3.0	2.82	23.6	1.3 N	2.1 NW	0.3 N	11.1
21	18.4	27.5	11.1	72	939.1	7.6	0.0	0.0	4.2	3.82	37.4	4.5 N	1.5 S	1.0 N	12.2
22	19.0	29.4	12.2	82	939.9	9.6	0.0	0.0	3.5	2.96	33.7	0.5 N	0.8 NW	0.0 C	15.9
23	17.9	23.6	15.9	86	941.8	3.6	0.0	0.0	3.5	3.84	26.3	0.3 N	1.3 NW	0.5 N	13.8
24	17.1	23.6	13.8	83	942.2	1.1	0.0	0.0	2.1	1.00	14.3	0.5 W	2.0 NW		13.3
25	18.0	27.0	13.3	87	941.4	8.7	3.8	6.0	2.1	1.27	16.7	0.5 W	1.6 NW	0.5 N	12.1
26	16.6	25.2	12.1	84	941.7	6.0	0.0	0.0	3.8	3.19	27.1	0.7 SW	1.3 NW	0.0 C	11.0
27	17.3	26.2	11.0	77	941.3	7.8	0.0	0.0	2.5	2.74	24.8	1.3 S	1.6 NW	0.0 C	11.1
28	19.3	29.6	11.1	75	940.8	9.8	0.0	0.0	3.3	3.45	32.0	1.5 N	1.6 S	0.5 S	15.7
29	19.2	26.8	15.7	77	941.3	7.2	0.4	9.0	4.1	3.67	28.7	1.6 NE	1.6 N	0.0 C	14.8
30	17.8	26.8	14.8	76	940.6	8.1	0.0	0.0	3.5	2.96	24.5	1.3 S	1.6 S	0.0 C	9.0
31	16.4	26.0	9.0	81	940.1	7.2	0.0	0.0	3.7	3.76	24.9	0.5 S	1.6 NW	0.5 NW	13.0

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.

## AGOSTO - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1	15.5	23.6	13.0	86	942.4	4.8	0.0	0.0	2.9	2.62	39.1	0.0 C	1.3 NE	0.5 S	8.0
2	14.6	25.0	8.0	84	942.0	6.1	0.0	0.0	2.2	1.16	25.0	0.3 W	1.6 N	0.7 N	9.4
3	14.7	23.0	9.4	86	941.1	8.8	0.0	0.0	2.7	2.60	20.5	0.8 NE	1.0 S	0.0 C	9.8
4	15.5	24.0	9.8	69	941.7	10.6	0.0	0.0	2.8	3.05	40.4	1.3 N	2.1 S	0.0 C	7.3
5	13.8	24.0	7.3	85	941.3	9.0	0.0	0.0	4.2	4.33	38.0	1.3 W	1.6 NE	0.0 C	5.0
6	13.4	26.2	5.0	76	942.5	10.5	0.0	0.0	3.0	3.15	20.2	1.0 W	1.6 NW	0.0 C	5.0
7	14.7	24.4	5.0	64	941.2	8.7	0.0	0.0	4.0	4.47	39.5	0.5 S	0.0 C	0.0 C	7.8
8	17.0	27.0	7.8	66	940.2	7.6	0.0	0.0	4.0	4.94	37.6	0.0 C	0.0 C	0.0 C	14.0
9	17.2	25.4	14.0	80	941.0	3.2	0.0	0.0	4.4	3.20	32.3	0.0 C	0.0 C	0.0 C	9.0
10	15.7	25.4	9.0	81	940.3	5.7	0.0	0.0	2.9	3.09	21.3	0.0 C	0.0 C	0.0 C	7.0
11	15.9	29.2	7.0	74	939.1	10.0	0.0	0.0	2.8	3.03	31.6	0.0 C	0.0 C	0.0 C	7.0
12	17.0	30.2	7.0	57	937.6	10.3	0.0	0.0	4.7	4.40	26.0	0.0 C	1.3 W	0.0 C	7.8
13	17.1	29.5	7.8	64	935.3	9.9	0.0	0.0	5.8	5.09	25.5	0.5 W	1.6 W	0.0 C	8.2
14	18.5	30.8	8.2	61	935.5	9.4	0.0	0.0	5.2	5.26	27.9	0.5 N	1.6 W	3.3 S	12.8
15	12.4	18.0	10.4	66	941.8	0.0	0.0	0.0	6.4	5.62	79.9	1.3 NW	1.6 NW	2.0 NW	9.2
16	11.6	15.0	9.2	75	947.1	0.0	0.0	0.0	2.8	2.38	72.7	3.0 SW	2.0 NW	0.5 SW	8.5
17	13.6	19.6	8.5	7.2	946.0	0.8	0.0	0.0	2.1	1.06	28.5	1.3 W	3.0 N	0.0 C	7.6
18	15.0	22.8	7.6	68	943.9	6.2	0.0	0.0	3.0	2.23	26.1	1.3 W	2.3 NW	0.5 W	8.5
19	15.0	25.0	8.5	83	944.3	8.6	0.0	0.0	3.5	3.07	31.8	0.5 W	0.8 NE	0.0 C	9.0
20	16.2	25.2	9.0	76	945.5	9.9	0.0	0.0	3.9	4.13	34.5	2.0 N	1.0 N	0.5 N	11.0
21	17.2	25.8	11.0	75	944.9	7.7	0.0	0.0	3.1	4.06	33.3	0.0 C	1.6 NW	0.3 N	10.0
22	15.3	25.3	10.0	69	943.0	9.5	0.0	0.0	4.2	4.32	29.9	0.5 S	2.6 S	0.0 C	7.6
23	15.7	25.6	7.6	74	941.5	8.6	0.0	0.0	4.7	5.38	31.9	2.5 N	2.8 SW	0.0 C	7.2
24	16.1	27.2	7.2	64	943.0	10.7	0.0	0.0	3.7	4.16	34.1	2.0 W	1.0 SW	0.0 C	7.0
25	15.4	26.8	7.0	72	943.8	10.7	0.0	0.0	5.8	5.12	29.8	1.5 S	2.0 S	0.5 N	7.8
26	16.6	26.2	7.8	70	939.9	9.2	0.0	0.0	5.4	5.10	34.0	3.8 N	2.3 S	0.0 C	9.6
27	18.7	30.0	9.6	66	938.7	10.3	0.0	0.0	5.0	7.82	41.8	1.0 S	1.3 NW	0.8 N	9.0
28	19.0	30.0	9.0	69	938.3	9.8	0.0	0.0	5.8	5.30	27.0	2.6 NW	2.0 NW	0.0 C	12.2
29	20.6	31.8	12.2	61	938.3	10.8	0.0	0.0	5.7	5.20	43.3	0.8 NW	0.8 S	0.0 C	11.9
30	20.9	32.2	11.9	63	939.7	9.4	0.0	0.0	6.3	6.08	37.0	0.7 S	0.8 NW	0.0 C	12.0
31	18.4	29.0	12.0	68	940.9	8.2	0.0	0.0	5.5	6.58	31.2	1.8 SW	0.8 NW	0.0 C	9.0

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.



## SETEMBRO - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1	17.9	27.4	9.0	64	939.3	10.4	0.0	0.0	5.9	5.88	44.6	3.8 N	1.0 NW	0.0 C	9.8
2	17.6	28.6	9.8	66	938.0	10.8	0.0	0.0	7.2	6.96	54.2	3.3 SW	3.0 NW	0.0 C	8.0
3	18.5	29.4	8.0	58	936.9	10.9	0.0	0.0	6.4	5.66	47.2	3.3 N	1.6 N	0.0 C	8.0
4	19.0	30.8	8.0	56	937.0	10.6	0.0	0.0	7.2	4.22	40.6	0.8 NW	0.8 SW	0.0 C	9.2
5	18.8	27.8	9.2	61	937.3	9.6	0.0	0.0	6.3	5.66	34.6	1.5 W	2.8 W	0.5 S	12.9
6	19.9	28.0	12.9	65	936.8	7.6	0.0	0.0	6.3	5.43	70.6	4.5 N	3.6 NW	0.8 N	13.7
7	20.9	28.8	13.7	59	936.2	7.4	0.0	0.0	6.4	8.37	66.9	3.6 N	3.8 NW	1.0 S	9.6
8	20.9	30.0	9.6	63	934.1	9.9	0.0	0.0	7.0	6.12	75.9	6.1 N	2.1 NW	0.5 NW	15.8
9	19.6	26.4	15.8	94	935.8	2.3	0.0	0.0	7.6	6.40	62.2	1.6 N	3.1 S	0.5 S	14.5
10	20.4	26.6	14.5	74	937.0	0.3	4.0	6.0	3.9	3.46	35.9	2.8 N	0.8 NW	1.3 NW	16.0
11	17.3	20.8	16.0	87	939.1	0.6	0.0	0.0	3.6	2.24	48.4	0.5 NW	0.8 NW	0.3 NW	13.0
12	17.9	25.2	13.0	81	936.4	2.5	3.4	1.0	1.1	1.44	24.7	0.8 NW	1.6 NW	0.0 C	16.6
13	20.0	26.0	16.6	80	935.4	3.8	0.0	0.0	4.0	2.92	53.6	3.6 N	1.8 W	0.5 N	13.8
14	21.3	28.8	13.8	74	934.2	8.0	0.0	0.0	2.9	3.52	41.1	2.1 W	3.6 N	1.3 NW	19.6
15	22.0	25.4	19.6	71	936.2	0.5	0.0	0.0	6.7	5.78	94.1	4.5 N	2.6 NW	0.5 W	16.2
16	20.6	25.4	16.2	79	938.9	1.7	0.0	0.0	5.5	4.08	60.0	3.6 N	1.3 NW	0.5 NW	14.3
17	18.2	24.0	14.3	76	940.9	1.4	0.0	0.0	3.1	2.94	27.4	0.7 W	0.5 NW	0.8 S	13.6
18	18.0	24.8	13.6	79	940.7	1.7	0.0	0.0	2.9	1.50	30.6	1.3 W	0.3 S	0.8 N	14.0
19	19.7	28.0	14.0	67	938.9	7.6	0.0	0.0	3.2	3.90	27.7	1.3 N	3.0 N	0.3 N	14.6
20	19.5	28.2	14.6	72	939.4	5.0	0.0	0.0	5.0	4.90	36.6	0.7 S	1.6 SE	0.0 C	16.0
21	20.6	28.4	16.0	66	938.0	7.4	0.0	0.0	3.2	3.26	26.5	3.5 N	3.3 N	0.0 C	15.0
22	18.9	25.7	15.0	80	935.6	0.5	43.3	40.0	5.2	5.62	47.2	3.0 N	0.7 SW	1.3 S	14.0
23	16.3	22.8	14.0	70	938.1	5.0	0.0	0.0	3.3	8.42	50.2	1.6 SW	2.6 NW	3.3 S	9.0
24	14.6	22.0	9.0	43	940.1	12.0	0.0	0.0	4.2	3.90	81.9	2.3 N	1.3 NW	1.6 NW	5.2
25	17.6	24.8	5.2	45	939.1	11.8	0.0	0.0	5.2	6.69	52.3	1.3 NW	3.0 S	0.0 C	6.0
26	16.5	27.0	6.0	64	937.9	10.9	0.0	0.0	4.8	5.44	33.8	2.0 N	1.6 W	0.0 C	8.2
27	20.2	31.2	8.2	50	936.3	10.9	0.0	0.0	5.7	5.72	40.9	2.0 N	1.0 S	0.5 N	13.0
28	20.6	28.6	13.0	60	936.9	10.4	0.0	0.0	6.7	6.51	45.2	2.8 N	2.6 N	0.3 N	18.1
29	24.4	32.0	17.0	56	932.7	10.4	0.0	0.0	7.3	6.43	65.9	4.5 N	3.6 N	0.0 C	18.6
30	21.6	29.0	18.8	71	935.4	8.0	0.0	0.0	8.0	7.28	71.2	2.3 NE	3.0 NW	0.8 N	15.0

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.

## OUTUBRO - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1	22.0	28.5	15.0	71	936.5	7.2	0.0	0.0	4.5	6.70	56.5	5.8 N	4.6 NW	2.3 N	14.0
2	23.9	32.0	14.0	61	932.8	0.3	0.0	0.0	6.8	7.17	86.5	4.5 N	4.3 S	0.7 S	18.3
3	17.5	18.9	16.1	86	939.5	0.0	1.2	2.0	6.4	5.59	69.5	1.0 SW	0.8 S	1.0 S	13.0
4	15.0	18.0	13.0	85	943.3	0.0	0.0	0.0	1.8	2.02	43.0	1.3 S	3.8 NW	1.3 S	13.0
5	15.2	18.6		74	944.7	0.0	0.0	0.0	2.6	1.14	33.5	1.3 NW	0.5 NW	0.5 S	12.6
6	16.8	22.6	12.6	70	942.6	0.7	0.0	0.0	2.4	2.10	26.4	1.3 S	0.5 N	0.3 N	13.0
7	16.8	21.2	13.0	77	940.7	0.0	0.0	0.0	3.0	3.03	23.1	1.3 N	1.3 S	0.0 C	9.2
8	18.7	26.2	9.2	55	936.9	3.9	0.0	0.0	2.4	2.14	36.4	5.6 N	1.6 NW	1.0 S	18.2
9	22.5	31.0	18.2	68	933.2	4.5	0.0	0.0	7.4	5.56	64.9	1.0 S	1.6 N	1.3 S	16.0
10	19.9	29.9	16.0	73	937.9	5.2	0.0	0.0	6.5	6.22	64.4	0.5 S	1.6 S	0.8 N	14.9
11	18.4	24.8	14.9	75	940.3	0.7	0.0	0.0	4.5	4.76	38.3	1.3 S	2.6 S	0.0 C	14.2
12	17.8	23.8	14.2	78	941.2	0.3	0.0	0.0	3.3	2.90	29.1	1.0 S	1.3 NE	0.3 S	14.7
13	18.5	27.8	14.7	73	940.2	4.0	0.0	0.0	2.5	4.01	33.3	1.0 N	0.7 N	0.0 C	11.0
14	19.6	28.7	11.0	58	937.9	7.3	0.0	0.0	4.2	4.34	44.7	4.5 N	1.0 N	1.0 N	11.3
15	20.9	30.8	11.3	45	936.0	8.3	0.0	0.0	6.4	6.06	43.9	1.8 S	2.1 N	0.0 C	14.0
16	23.3	32.4	14.0	44	931.8	4.2	0.0	0.0	8.8	7.64	52.8	5.0 N	3.0 N	0.0 C	15.9
17	22.3	29.0		64	931.1	0.0	1.0	0.5	9.5	6.98	43.4	3.1 N	0.5 S	0.8 N	17.3
18	22.8	28.8	17.3	70	934.3	1.5	1.2	1.0	4.2	2.72	34.0	0.7 S	1.3 N	0.8 NE	19.0
19	19.7	23.0	18.0	91	936.7	0.0	61.4	40.0	3.6	3.36	33.1	2.1 S	0.0 C	0.3 S	16.7
20	18.5	21.3	16.7	91	936.2	0.0	22.9	20.0	1.2	1.90	24.6	4.0 N	2.5 N	0.5 N	17.6
21	20.8	26.2	17.6	89	932.9	2.0	8.3	20.0	1.0	1.34	24.3	2.1 N	2.0 N	0.3 N	18.0
22	18.5	20.2	17.8	95	933.4	0.0	15.5	20.0	4.6	3.60	29.3	0.8 S	1.3 S	2.1 NE	15.8
23	19.2	26.0	15.8	75	937.9	9.7	0.0	0.0	1.9	1.74	37.0	0.8 N	0.8 N	0.0 C	15.0
24	19.2	26.7	15.0	74	937.8	11.4	0.0	0.0	3.0	5.34	31.0	0.8 N	1.6 NE	0.3 N	13.4
25	17.8	22.4	13.4	73	937.6	0.2	0.5	0.5	5.0	6.10	46.7	1.3 S	0.8 S	0.0 C	15.0
26	16.0	17.4	15.0	96	936.7	0.0	6.0	0.5	3.0	3.06	18.1	0.8 N	1.3 N	0.0 C	14.1
27	16.5	20.4	14.1	88	935.8	0.0	0.0	0.0	0.4	0.51	17.1	1.0 S	1.6 S	0.3 S	12.9
28	17.7	23.4	12.9	90	936.4	0.4	0.0	0.0	1.8	1.61	20.9	1.6 S	0.3 S	0.0 C	16.8
29	19.7	25.5	16.8	84	937.2	1.3	0.0	0.0	1.5	1.49	12.0	0.3 S	1.3 S	0.0 C	16.6
30	20.5	26.0	16.6	68	938.7	5.5	0.0	0.0	2.0	2.55	17.0	1.6 S	3.3 S	0.8 N	13.7
31	18.4	25.4	13.7	74	939.8	8.3	0.0	0.0	3.8	5.48	46.5	1.5 S	2.1 S	1.0 N	13.0

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.

## NOVEMBRO - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1	17.8	24.8	13.0	70	938.6	5.7	0.0	0.0	4.0	5.23	42.0	2.3 S	0.8 N	0.0 C	11.5
2	18.8	27.0	11.5	66	938.5	8.4	0.0	0.0	4.1	4.74	31.1	1.3 S	2.0 S	0.5 N	13.0
3	19.7	28.2	13.0	64	937.4	10.1	0.0	0.0	4.3	6.37	40.5	2.0 N	1.6 S	0.0 C	13.0
4	21.5	29.9	13.0	54	934.4	10.8	0.0	0.0	5.5	6.12	42.3	2.6 S	1.8 N	0.5 N	16.7
5	22.8	31.5	16.7	64	930.3	6.1	6.0	6.0	7.2	7.89	64.6	5.1 N	2.5 N	0.5 S	16.8
6	18.9	22.8	16.8	88	930.3	0.0	59.2	40.0	7.0	6.60	66.9	0.5 N	1.6 N	0.3 N	15.0
7	17.5	18.9	15.9	98	934.8	0.0	26.2	8.0	0.8	1.26	18.1	0.0 C	1.6 N	0.8 N	18.1
8	19.5	22.4	18.1	93	936.4	0.3	9.8	3.0	1.4	0.68	76.1	2.3 N	4.5 N	0.7 N	19.0
9	21.8	26.8	19.0	88	936.7	0.8	34.9	20.0	0.6	2.71	43.2	2.1 S	2.1 S	0.0 C	16.6
10	16.0	21.4	14.0	96	938.2	0.0	10.6	6.0	1.7	2.92	37.1	3.1 S	1.6 S	0.5 S	13.0
11	15.9	19.6	13.0	89	939.5	0.0	0.6	0.5	0.9	0.80	41.2	1.8 S	1.3 S	0.0 C	14.0
12	17.2	21.2	14.0	90	937.2	0.0	11.1	4.0	1.2	1.70	18.7	2.0 N	1.6 N	2.6 N	17.0
13	19.1	22.7	17.0	91	935.4	0.2	1.1	0.5	1.9	1.85	48.6	1.0 S	2.1 N	0.5 S	13.0
14	19.2	27.2	13.0	80	932.8	1.8	11.2	20.0	1.4	1.44	18.6	1.3 S	2.0 S	1.6 S	15.0
15	20.2	28.0	15.0	63	934.8	8.7	6.0	40.0	1.8	3.80	52.6	1.5 N	1.6 N	0.0 C	16.9
16	19.6	26.2	16.9	74	937.0	5.6	0.0	0.0	3.2	4.42	38.4	2.1 S	3.3 S	0.8 N	17.0
17	18.0	21.8	16.8	74	938.0	0.0	0.0	0.0	3.0	4.68	30.8	2.0 S	2.3 S	0.5 S	14.5
18	17.2	21.2	14.5	82	935.8	0.0		0.5	1.6	1.72	19.0	0.7 S	1.6 N	0.5 S	16.1
19	19.5	23.8	16.1	83	933.4	0.0	14.3	8.0	1.1	0.82	12.5	0.5 S	2.5 N	0.0 C	18.8
20	19.5	20.9	18.8	88	932.4	0.0	9.8	6.0	2.1	1.06	36.4	1.3 S	3.8 N	0.5 N	19.0
21	19.5	19.9	19.0	92	932.3	0.0	44.4	20.0	0.9	0.34	26.3	2.3 S	1.0 S	0.0 C	14.0
22	20.5	29.0	14.0	76	931.8	5.9	25.4	20.0	0.3	0.16	8.3	1.8 S	1.5 S	1.6 N	18.0
23	22.2	28.8	18.0	75	931.5	6.0	11.6	20.0	2.7	2.86	28.3	1.5 S	2.3 S	0.3 N	17.0
24	20.0	23.9	16.8	83	931.7	3.4	20.3	20.0	3.0	6.53	36.4	0.8 N	2.1 N	1.5 S	17.3
25	23.4	30.0	17.3	73	931.7	6.1	0.0	0.0	2.3	4.01	52.1	2.3 S	3.0 N	0.0 C	18.3
26	23.9	30.3	18.3	74	930.7	8.9	2.3	1.0	4.1	4.91	38.3	4.0 N	3.6 N	3.0 N	20.0
27	23.4	31.8	20.0	71	930.2	4.9	48.5	20.0	4.3	5.81	45.9	1.5 S	1.3 S	1.3 N	18.1
28	23.0	29.0	18.1	73	931.3	3.4	0.9	1.5	3.7	7.81	33.1	2.3 S	1.5 N	0.7 S	19.0
29															
30	22.7	29.0	19.0	74	936.0	7.6	0.0	0.0	2.5	3.80	24.7	1.3 S	2.0 N	1.0 N	17.7

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.

## DEZEMBRO - 1999

Dia	Temperatura do ar (°C)			Umidade relativa média %	Pressão atmosférica média hPa	Brilho solar horas	Chuva* mm	Intensidade de chuva máxima mm/hora	Poder evaporante (piche) ml	Evaporação (classe a) mm	Velocidade do vento** km/dia	Velocidade do vento a 10 m de altura (m/s) - direção			Temperatura mínima*** °C
	Média	Máxima	Mínima									Às 9 horas	Às 15 horas	Às 21 horas	
1	21.6	27.2	17.9	81	937.5	4.4	0.0	0.0	3.6	5.66	34.0	1.5 N	1.6 N	0.5 N	18.0
2	22.1	28.0	18.0	79	936.7	4.9	2.7	20.0	2.7	4.58	34.7	1.5 S	1.6 NE	0.3 N	19.2
3	22.3	27.8	19.2	71	935.6	10.8	0.0	0.0	2.9	4.44	29.1	2.8 N	4.3 N	1.0 S	18.2
4	20.2	24.3	18.2	86	935.9	0.1	17.0	8.0	5.8	7.62	87.8	5.0 N	1.3 N	0.8 S	19.0
5	18.8	20.1	18.0	91	934.8	0.0	8.7	4.0	2.2	2.52	51.5	2.5 N	1.5 N	0.3 N	18.8
6	21.6	26.0	18.8	87	934.1	0.7	0.0	0.0	1.3	0.29	39.9	2.3 S	2.6 N	0.7 N	19.0
7	22.2	27.8	19.0	86	935.6	2.0	2.7	20.0	2.2	4.02	59.6	1.6 N	1.5 S	0.3 S	20.6
8	22.8	25.4	20.6	83	937.0	1.3	3.2	2.0	2.7	2.77	20.8	1.5 S	3.3 N	0.5 N	20.6
9	22.7	26.0	20.6	90	937.2	0.1	0.4	0.5	1.3	2.50	29.8	1.6 N	1.6 S	0.5 N	20.0
10	23.6	28.0	20.0	78	936.1	1.8	0.0	0.0	1.9	1.51	15.7	3.8 S	1.8 S	0.0 C	19.9
11	21.7	25.0	19.9	86	935.4	0.0	5.0	20.0	3.3	4.47	27.5	2.0 S	2.0 S	0.0 C	19.8
12	20.2	22.4	19.6	93	935.0	0.0	3.0	1.5	1.7	2.29	17.9	0.5 N	1.3 S	0.5 S	18.8
13	20.8	23.3	18.8	90	933.1	0.0	18.8	9.0	0.4	2.12	10.2	1.3 S	3.0 N	0.0 C	21.1
14	23.7	28.7	21.1	83	929.1	1.6	0.3	0.5	1.5	0.64	49.3	3.1 S	0.5 S	0.7 N	21.0
15	24.7	31.5	21.0	79	930.5	7.3	0.0	0.0	2.2	3.02	33.1	3.1 N	2.1 S	2.1 N	19.0
16	23.8	32.0	19.0	67	927.2	10.2	0.0	0.0	3.5	6.26	33.4	1.6 S	0.8 S	0.0 C	17.5
17	24.0	31.6	17.5	76	928.6	10.8	0.0	0.0	5.5	7.13	31.1	1.6 S	1.6 S	0.0 C	19.0
18	23.7	31.5	19.0	64	930.3	8.1	0.0	0.0	4.8	5.29	23.1	1.0 S	0.8 N	0.5 N	18.4
19	23.6	29.6	18.4	79	932.4	8.5	0.3	0.5	3.2	4.76	21.4	2.6 S	3.3 S	1.3 S	18.2
20	23.8	30.4	18.2	74	931.2	8.0	9.8	20.0	4.0	6.46	43.4	3.6 N	1.6 N	0.5 N	18.7
21	22.6	29.8	18.7	81	933.3	5.6	0.0	0.0	3.7	5.46	36.6	0.7 N	2.6 N	0.0 C	18.2
22	23.8	29.6	18.2	72	932.4	9.6	0.0	0.0	3.3	4.98	27.7	2.0 S	2.8 S	1.6 N	20.8
23	20.7	26.8	18.0	95	933.9	0.3	28.4	20.0	4.9	6.81	66.4	2.8 N	1.3 S	0.5 N	17.5
24	19.8	22.4	17.5	90	937.7	0.0	0.0	0.0	1.6	2.21	26.9	1.3 S	1.3 S	1.0 S	17.7
25	22.5	28.0	17.7	82	938.4	3.2	0.0	0.0	0.9	1.38	16.6	0.7 S	0.5 S	0.5 S	20.0
26	23.8	30.0	20.0	73	938.0	6.5	0.0	0.0	2.3	3.83	15.7	1.5 S	1.6 S	0.0 C	18.3
27	23.0	30.8	18.3	80	934.9	6.4	0.0	0.0	5.7	5.28	22.6	2.8 S	0.5 S	0.0 C	16.9
28	21.1	29.4	16.9	86	934.6	7.9	9.2	4.0	3.8	5.05	27.8	3.0 N	1.8 N	0.5 S	15.8
29	21.6	29.2	15.8	86	932.8	7.2	0.0	0.0	3.4	5.50	41.9	3.0 S	1.8 S	0.0 C	18.3
30	23.4	29.6	18.3	83	931.6	7.3	0.0	0.0	3.0	4.74	30.8	3.6 N	2.0 N	2.0 S	19.2
31	22.8	28.8	19.2	82	929.7	5.7	0.7	1.5	4.4	5.82	47.9	3.0 S	4.3 S	0.5 N	19.4

\* Das 9 horas da data às 9 horas do dia seguinte.

\*\* Ao nível do Classe A.

\*\*\* Das 21 horas da data às 9 horas do dia seguinte.