

INSTITUTO GEOFÍSICO DA UNIVERSIDADE DE COIMBRA



# Observações Meteorológicas, Magnéticas e Sismológicas

ANO DE 1979

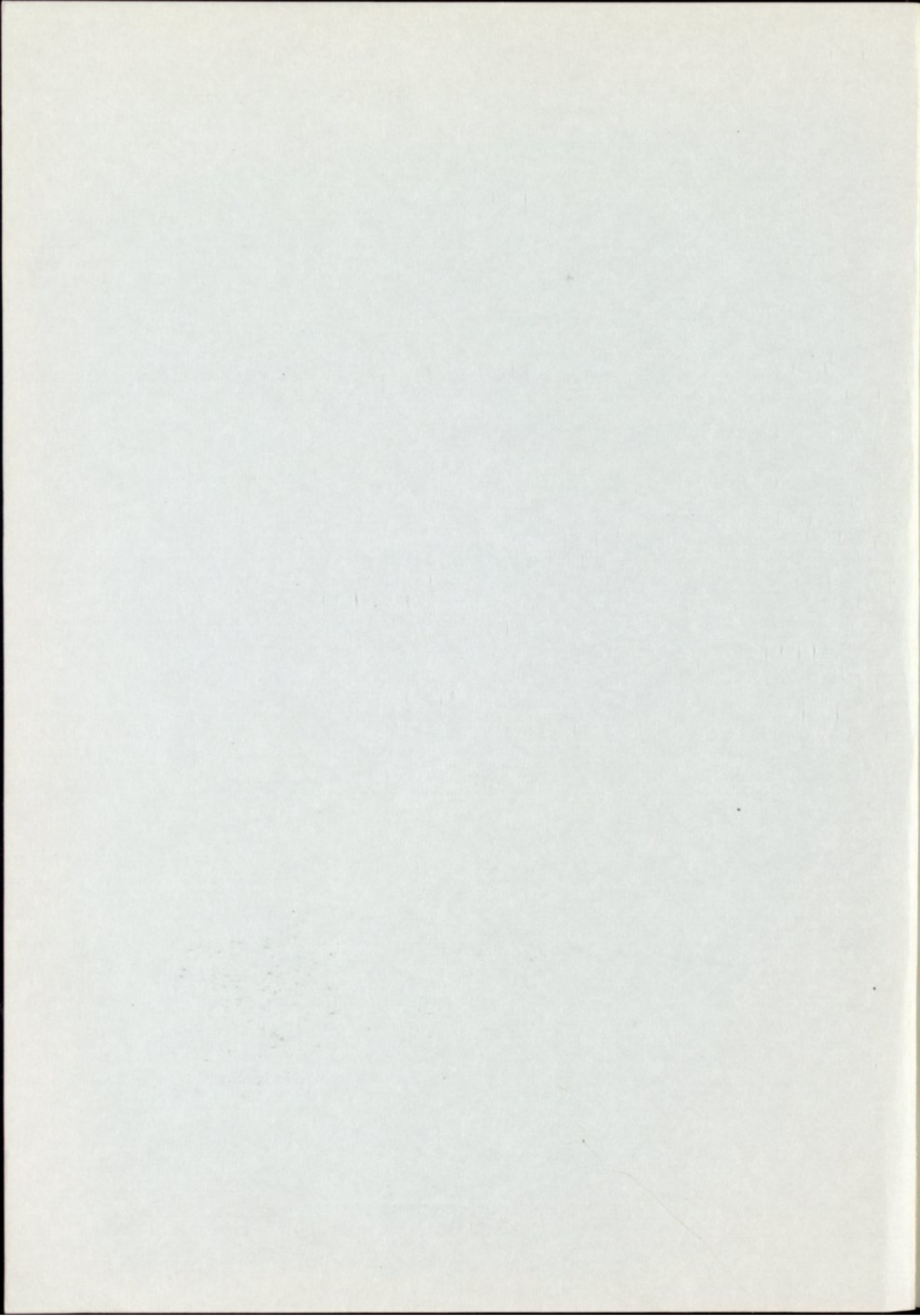
1.ª Parte — OBSERVAÇÕES METEOROLÓGICAS

VOLUME



SECÇÃO DE TEXTOS DA  
FACULDADE DE CIÊNCIAS E  
TECNOLOGIA DA UNIVERSIDADE DE  
COIMBRA

A  
25'  
43





# Observações Meteorológicas, Magnéticas e Sismológicas

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Observações Meteorológicas,  
Magnéticas e Sísmológicas

ANO DE 1973

1.ª Parte — OBSERVAÇÕES METEOROLÓGICAS

VOLUME CV





Coimbra, 87/3/13

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## ADVERTÊNCIA

No presente volume da 1.ª parte das Observações Meteorológicas, Magnéticas e Sismológicas, publicam-se os resultados das observações meteorológicas feitas em 1979, no Instituto Geofísico da Universidade de Coimbra.

### POSIÇÃO DO INSTITUTO GEOFISICO

As Secções de Meteorologia e Sismologia, estão situadas na Av. Dr. Dias da Silva (Cumeada), em Coimbra, a cerca de 1.500 m a norte do rio Mondego. A mais curta distância ao mar é de 38,5 Km.

As suas coordenadas geográficas são: latitude 40° 12' 25" N; longitude 8° 25' 30" W; altitude acima do nível médio do mar 139,61 m (placa NP Obs.º Met.º Coimbra existente no chão do edifício).

A Secção de Magnetismo (Observatório Magnético de Coimbra) está instalada no Alto da Baleia, entre Coimbra e Coselhas, como mais detalhadamente se descreve nas Observações Meteorológicas Magnéticas e Sismológicas, 3.ª Parte — Magnetismo Terrestre.

### HORAS DAS OBSERVAÇÕES

Observações Climatológicas — às 9,15 e 21 horas (TL).

Observações Sinópticas para o Serviço Meteorológico Nacional — às 00, 03, 06, 09, 12, 15, 18, 21 horas (TU).



## PRESSÃO ATMOSFÉRICA

Mede-se com os instrumentos seguintes:

- a) um barómetro de mercúrio (R. FUESS), de escala compensada, de correcção nula;
- b) um barógrafo de modelo grande (R. FUESS), de uma rotação em 24 horas.

O nível de mercúrio na tina do barómetro, está à altura de 0,75 m acima do sobrado ou seja  $H_b = 140,36$  m (acima do nível médio do mar).

Dos registos do barógrafo, obtêm-se por comparação com as pressões medidas com o barómetro, os valores da pressão atmosférica correspondente às horas em que se não fazem observações directas. Deles se obtêm ainda os máximos e mínimos diários. Como média toma-se a média dos 24 valores horários.

Os valores inscritos nos mapas representam pois, valores verdadeiros, em milibares (mb), da pressão atmosférica ao nível do mercúrio na tina do barómetro. Suprimem-se neles os algarismos das centenas e dos milhares; assim 91,5 representa 991,5 mb e 07,2 representa 1007,2 mb.

## TEMPERATURA, TENSÃO DO VAPOR E HUMIDADE RELATIVA

Estas grandezas são obtidas a partir dum psicrómetro (THIES) de ventilação eléctrica e dum psicrógrafo (THIES), também de ventilação eléctrica, com tambor de 1 rotação em 24 horas. A máxima e a mínima do ar são medidas respectivamente com um termómetro de máximo de mercúrio e um termómetro de mínimo de álcool.

Estes instrumentos estão instalados em dois abrigos de madeira do tipo Stevenson.

Os reservatórios dos termómetros estão à altura de 1,45 m acima do solo, ( $H_t = 142,35$  m acima do nível médio do mar).

Os registadores estão aproximadamente à mesma altura. Tal como na pressão, os instrumentos registadores dão-nos, por comparação com as temperaturas, humidades e tensões do vapor medidas com o psicrómetro, os valores da temperatura do ar em graus Celsius, da humidade relativa em percentagem, e da tensão do vapor em mb, correspondentes às horas em que se fazem observações directas.

Como média diária toma-se também a média dos 24 valores horários.

## VENTO

A direcção, a velocidade média e a velocidade instantânea do vento (rajada) são registadas por dois anemógrafos universais (FUESS) com tambor de uma rotação em 24 horas.

Os molinetes e cataventos estão expostos ao vento em cima de uma plataforma construída sobre o telhado de um dos pavilhões do Instituto, à altura de 10,5 m, ( $H_v = 151,70$  m acima do nível médio do mar).

Os valores da velocidade estão expressos em quilómetros por hora (Km/h).

Os rumos indicados nos mapas são os predominantes nos intervalos de tempo considerados. O símbolo C significa «calma» (0 a 1 Km/h).

Os valores da velocidade indicam os percursos do vento no mesmo intervalo de tempo. A velocidade média diária é o cociente por 24 do percurso total do vento em 24 horas.

## ACTINOMETRIA

**Radiação solar directa ou normal** — É medida com um pirheliómetro Gorczynsky, associado a um milivoltímetro Kipp & Zonen. O aparelho actualmente utilizado como padrão é um actinómetro de Link-Feussner, associado a um galvanómetro A 70. As observações são feitas às 9, 12 e 15 horas (TSV), sempre que o estado do céu o permita.

As intensidades são medidas sem filtro (S.F.), com o filtro amarelo OG 1 para  $\lambda > 0,53 \mu$  e com o filtro vermelho RG2, para  $\lambda > 0,92 \mu$  e reduzidas à distância média da terra ao Sol. Publica-se ainda o factor de turvação T, de Link, calculado segundo as instruções publicadas para o Ano Geofísico Internacional.

A água precipitável (W) é calculada pelo método clássico.



**Insolação** — É medida com um heliógrafo Campbell-Stokes instalado sobre a plataforma dos anemógrafos a 8 m acima do solo. Publica-se o número de horas durante as quais o sol esteve descoberto durante o dia, e a percentagem para as horas possíveis de sol descoberto. É medida também com um aparelho de leitura directa (em horas e centésimos de hora), Sunshine Monitor (BTW).

**Radiação global** — É obtida por dois piranómetros Kipp & Zonen, um associado a um registador Speedomax-Leeds & Northrup com totalizador de áreas e outro associado a um registador mecânico Lange.

Ainda se obtém directamente num actinógrafo Robitzch, tipo Fuess.

**Radiação difusa** — É obtida por um piranómetro Moll e por um dispositivo de sombra, formado por uma tira metálica curva, de posição variável durante o ano, de forma a conservar o elemento sensível da pilha sempre à sombra. O piranómetro está associado a um registador Speedomax-Leeds & Northrup, com totalizador de áreas.

**Radiação reflectida** — É obtida com um piranómetro Jules Richard associado a um registador mecânico Lange.

**Balanço de Radiação** — É obtido com um medidor do balanço de radiação Schulze, conforme foi exposto no trabalho «Medidas de Radiação feitas no Instituto Geofísico de Coimbra», em 1958. Este aparelho está associado a um registador Speedomax-Leeds & Northrup e eventualmente pode ser ligado a um registador mecânico Lange.

**Radiação circunglobal** — É medida num aparelho de Bellani, construído no Observatório de Davos.

#### PRECIPITAÇÃO

Mede-se com um udómetro de Fuess e com um udógrafo também de Fuess, com tambor de 1 rotação em 24 horas. Ambos estão instalados no parque dos abrigos Stevenson e com as bocas de 200 cm<sup>2</sup> de superfície receptora a 1,20 m do solo, ou seja  $H_r = 141,92$  m (acima do nível médio do

A água do udómetro é recolhida todos os dias às 9 h (TU) e os gráficos são retirados do udógrafo à mesma hora. Com o auxílio dos gráficos determinam-se as precipitações recolhidas nos intervalos de tempo considerados. Os mapas apresentam estes valores para cada um dos dias em que houve precipitação e ainda o total de cada dia (das 0 às 24 h) e a precipitação máxima em 1 hora, sendo a unidade de medida o milímetro (mm).

Nos quadros complementares publica-se a precipitação recolhida às 9 h de cada dia e referente às 24 horas anteriores.

A precipitação correspondente a cada um dos 16 rumos do vento determina-se por comparação entre os gráficos do udógrafo e os do anemógrafo. Os totais mensais correspondentes a cada rumo figuram num dos mapas de apuramento anual.

**TEMPERATURA MÍNIMA DA RELVA** — É dada por um termómetro vulgar de mínima que se expõe sobre um pedaço arrelvado do parque de instrumentos. A leitura faz-se às 9 h.

#### TEMPERATURA NA PROFUNDIDADE DO TERRENO

Mede-se às profundidades 0,1 m; 0,2 m; 0,5 m e 1,0 m.

As leituras fazem-se às 9 h. Os reservatórios estão metidos dentro de blocos de parafina para impedir que as respectivas temperaturas variem enquanto se fazem as leituras.

#### EVAPORAÇÃO

Mede-se com um evaporímetro Piche, colocado dentro de um abrigo Stevenson; a rodela do evaporímetro de 30 mm de diâmetro está a 1,35 m de altura do solo.



Mede-se ainda com um evaporímetro de Classe A (USWB), equipado com um anemómetro Casella totalizador, para a determinação da velocidade média do vento ao nível da boca do evaporímetro e com termómetros de máximo e mínimo para a determinação destas temperaturas, na água do tanque.

#### VISIBILIDADE HORIZONTAL

Observa-se às 9, 12 e 15 h e exprime-se em números inteiros pela tabela seguinte: 0 ( $V < 50$  m); 1 ( $50 \text{ m} \leq V < 200 \text{ m}$ ); 2 ( $200 \text{ m} \leq V < 500 \text{ m}$ ); 3 ( $500 \text{ m} \leq V < 1000 \text{ m}$ ); 4 ( $1000 \text{ m} \leq V < 2000 \text{ m}$ ); 5 ( $2000 \text{ m} \leq V < 4000 \text{ m}$ ); 6 ( $4000 \text{ m} \leq V < 10 \text{ Km}$ ); 7 ( $10 \text{ Km} \leq V < 20 \text{ Km}$ ); 8 ( $20 \text{ Km} \leq V < 50 \text{ Km}$ ); 9 ( $V \geq 50 \text{ Km}$ ).

#### ESTADO DO SOLO

Observa-se às 9 h e exprime-se em números inteiros pela tabela seguinte: 0 (superfície do solo seca); 1 (superfície do solo húmida); 2 (superfície do solo molhada, com poças de água pequenas ou grandes); 3 (superfície do solo nua e gelada); 4 (solo com neve gelada mas sem gelo, neve fundente ou neve); 5 (gelo, neve fundente ou neve a cobrir menos de metade do solo); 6 (gelo, neve fundente ou neve dura ou compacta a cobrir mais de metade do solo, mas sem o cobrir completamente); 7 (solo completamente coberto de gelo, neve fundente ou neve dura ou compacta); 8 (neve seca e solta a cobrir mais de metade da superfície, mas sem cobrir completamente o solo); 9 (superfície completamente coberta de neve seca e solta).

#### NUVENS

A quantidade de nuvens, nebulosidade (N), é a porção do céu que elas encobrem. Avalia-se por estimativa e exprime-se em décimos (de 0 a 10), correspondendo portanto cada unidade a 1/10 de céu encoberto; 0 representa céu limpo e 10 representa céu encoberto.

As abreviaturas usadas para designar a natureza das nuvens são: Ci (cirros); Cc (cirrocúmulos); Cs (cirrostratos); Ac (altocúmulos); As (altostratos); Sc (estratocúmulos); St (estratos); Ns (nimbostratos); Cu (cúmulos) e Cb (cumulonimbos). A nebulosidade e natureza das nuvens são referentes às observações climatológicas.

#### MAPAS DE APURAMENTO ANUAL

Executam-se os seguintes mapas:

Pressão atmosférica, temperatura do ar, tensão do vapor, humidade relativa, velocidade do vento, precipitação, frequência da direcção do vento, precipitação correspondente a cada rumo, insolação e radiação, nebulosidade e evaporação, temperatura na relva e do terreno e frequência de elementos diversos.

A fechar temos o mapa das «Normais e desvios de elementos climáticos», referente ao presente ano.



SIMBOLOS QUE A PARTIR DE 1970 SUBSTITUIRÃO OS HABITUAIS  
SINAIS GRÁFICOS NO ANUÁRIO DO INSTITUTO - I PARTE

SIMBOLOS

<i>CH</i>	Chuva	<i>CS</i>	Coroa solar
<i>CV</i>	Chuvisco	<i>CL</i>	Coroa lunar
<i>NE</i>	Neve	<i>AR</i>	Arco iris
<i>GR</i>	Granizo e / ou saraiva	<i>TR</i>	Trovoada
<i>NV</i>	Nevoeiro	<i>RL</i>	Relâmpagos
<i>NB</i>	Neblina	<i>AP</i>	Aurora polar
<i>OR</i>	Orvalho	<i>AG</i>	Aguaceiros
<i>GE</i>	Geada	<i>TP</i>	Tempestade de poeira e ou areia
<i>BR</i>	Bruva seca	<i>TN</i>	Tempestade de Neve
<i>HS</i>	Halo solar	<i>ND</i>	Nevoeiro a distancia
<i>HL</i>	Halo lunar		

PERÍODOS DE OCORRÊNCIA DOS METEOROS

O período de ocorrência de determinado meteoro é indicado por um algarismo ou uma letra colocada à direita do respectivo símbolo e dele separado por um barra (/), segundo o código seguinte:

- 0 - O fenómeno ocorreu entre as 0 e as 6 horas
- 1 - O fenómeno ocorreu entre as 6 e as 12 horas
- 2 - O fenómeno ocorreu entre as 12 e as 18 horas
- 3 - O fenómeno ocorreu entre as 18 e as 24 horas
- 4 - O fenómeno ocorreu entre as 0 e as 12 horas
- 5 - O fenómeno ocorreu entre as 6 e as 18 horas
- 6 - O fenómeno ocorreu entre as 12 e as 24 horas
- 7 - O fenómeno ocorreu entre as 0 e as 18 horas
- 8 - O fenómeno ocorreu entre as 6 e as 24 horas
- 9 - O fenómeno ocorreu entre as 0 e as 24 horas

- I - O fenómeno ocorreu entre as 0 e as 6 horas e entre as 12 e as 18 horas
- J - O fenómeno ocorreu entre as 6 e as 12 horas e entre as 18 e as 24 horas
- K - O fenómeno ocorreu entre as 0 e as 6 horas e entre as 18 e as 24 horas
- L - O fenómeno ocorreu entre as 0 e as 6 horas e entre as 12 e as 24 horas
- M - O fenómeno ocorreu entre as 6 e as 12 horas e entre as 18 e as 24 horas

estudando um tipo especial de equipamento (BWS) A esta, equipar com um aparelho

de modo a obter os dados necessários para a elaboração de um relatório  
**SÍMBOLOS QUE A PARTIR DE ISTO SUBSTITUAM OS HABITUAIS**  
 para as seguintes tabelas: a) a tabela de símbolos e b) a tabela de símbolos  
**SÍMBOLOS GRÁFICOS NO ANUÁRIO DO INSTITUTO - 1ª PARTE**

**SÍMBOLOS GRÁFICOS NO ANUÁRIO DO INSTITUTO**

0 - 0	0	0	0
1 - 1	1	1	1
2 - 2	2	2	2
3 - 3	3	3	3
4 - 4	4	4	4
5 - 5	5	5	5
6 - 6	6	6	6
7 - 7	7	7	7
8 - 8	8	8	8
9 - 9	9	9	9
10 - 10	10	10	10
11 - 11	11	11	11
12 - 12	12	12	12
13 - 13	13	13	13
14 - 14	14	14	14
15 - 15	15	15	15
16 - 16	16	16	16
17 - 17	17	17	17
18 - 18	18	18	18
19 - 19	19	19	19
20 - 20	20	20	20
21 - 21	21	21	21
22 - 22	22	22	22
23 - 23	23	23	23
24 - 24	24	24	24
25 - 25	25	25	25
26 - 26	26	26	26
27 - 27	27	27	27
28 - 28	28	28	28
29 - 29	29	29	29
30 - 30	30	30	30
31 - 31	31	31	31
32 - 32	32	32	32
33 - 33	33	33	33
34 - 34	34	34	34
35 - 35	35	35	35
36 - 36	36	36	36
37 - 37	37	37	37
38 - 38	38	38	38
39 - 39	39	39	39
40 - 40	40	40	40
41 - 41	41	41	41
42 - 42	42	42	42
43 - 43	43	43	43
44 - 44	44	44	44
45 - 45	45	45	45
46 - 46	46	46	46
47 - 47	47	47	47
48 - 48	48	48	48
49 - 49	49	49	49
50 - 50	50	50	50
51 - 51	51	51	51
52 - 52	52	52	52
53 - 53	53	53	53
54 - 54	54	54	54
55 - 55	55	55	55
56 - 56	56	56	56
57 - 57	57	57	57
58 - 58	58	58	58
59 - 59	59	59	59
60 - 60	60	60	60
61 - 61	61	61	61
62 - 62	62	62	62
63 - 63	63	63	63
64 - 64	64	64	64
65 - 65	65	65	65
66 - 66	66	66	66
67 - 67	67	67	67
68 - 68	68	68	68
69 - 69	69	69	69
70 - 70	70	70	70
71 - 71	71	71	71
72 - 72	72	72	72
73 - 73	73	73	73
74 - 74	74	74	74
75 - 75	75	75	75
76 - 76	76	76	76
77 - 77	77	77	77
78 - 78	78	78	78
79 - 79	79	79	79
80 - 80	80	80	80
81 - 81	81	81	81
82 - 82	82	82	82
83 - 83	83	83	83
84 - 84	84	84	84
85 - 85	85	85	85
86 - 86	86	86	86
87 - 87	87	87	87
88 - 88	88	88	88
89 - 89	89	89	89
90 - 90	90	90	90
91 - 91	91	91	91
92 - 92	92	92	92
93 - 93	93	93	93
94 - 94	94	94	94
95 - 95	95	95	95
96 - 96	96	96	96
97 - 97	97	97	97
98 - 98	98	98	98
99 - 99	99	99	99
100 - 100	100	100	100

**PERÍODOS DE OCORRÊNCIA DOS METEOROS**

O período de ocorrência de determinados meteoros é indicado por um número de 0 a 99, segundo o seguinte sistema:

0 - 0	0	0	0
1 - 1	1	1	1
2 - 2	2	2	2
3 - 3	3	3	3
4 - 4	4	4	4
5 - 5	5	5	5
6 - 6	6	6	6
7 - 7	7	7	7
8 - 8	8	8	8
9 - 9	9	9	9
10 - 10	10	10	10
11 - 11	11	11	11
12 - 12	12	12	12
13 - 13	13	13	13
14 - 14	14	14	14
15 - 15	15	15	15
16 - 16	16	16	16
17 - 17	17	17	17
18 - 18	18	18	18
19 - 19	19	19	19
20 - 20	20	20	20
21 - 21	21	21	21
22 - 22	22	22	22
23 - 23	23	23	23
24 - 24	24	24	24
25 - 25	25	25	25
26 - 26	26	26	26
27 - 27	27	27	27
28 - 28	28	28	28
29 - 29	29	29	29
30 - 30	30	30	30
31 - 31	31	31	31
32 - 32	32	32	32
33 - 33	33	33	33
34 - 34	34	34	34
35 - 35	35	35	35
36 - 36	36	36	36
37 - 37	37	37	37
38 - 38	38	38	38
39 - 39	39	39	39
40 - 40	40	40	40
41 - 41	41	41	41
42 - 42	42	42	42
43 - 43	43	43	43
44 - 44	44	44	44
45 - 45	45	45	45
46 - 46	46	46	46
47 - 47	47	47	47
48 - 48	48	48	48
49 - 49	49	49	49
50 - 50	50	50	50
51 - 51	51	51	51
52 - 52	52	52	52
53 - 53	53	53	53
54 - 54	54	54	54
55 - 55	55	55	55
56 - 56	56	56	56
57 - 57	57	57	57
58 - 58	58	58	58
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62 - 62	62	62	62
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65 - 65	65	65	65
66 - 66	66	66	66
67 - 67	67	67	67
68 - 68	68	68	68
69 - 69	69	69	69
70 - 70	70	70	70
71 - 71	71	71	71
72 - 72	72	72	72
73 - 73	73	73	73
74 - 74	74	74	74
75 - 75	75	75	75
76 - 76	76	76	76
77 - 77	77	77	77
78 - 78	78	78	78
79 - 79	79	79	79
80 - 80	80	80	80
81 - 81	81	81	81
82 - 82	82	82	82
83 - 83	83	83	83
84 - 84	84	84	84
85 - 85	85	85	85
86 - 86	86	86	86
87 - 87	87	87	87
88 - 88	88	88	88
89 - 89	89	89	89
90 - 90	90	90	90
91 - 91	91	91	91
92 - 92	92	92	92
93 - 93	93	93	93
94 - 94	94	94	94
95 - 95	95	95	95
96 - 96	96	96	96
97 - 97	97	97	97
98 - 98	98	98	98
99 - 99	99	99	99

**TABELA DE APURAMENTO ANUAL**

Extrair-se-á do seguinte mapa:  
 Pressão atmosférica, temperatura da ar, tensão de vapor, humidade relativa, velocidade do vento, precipitação, frequência de direção do vento, precipitação correspondente a cada rumo, insolação e radiação, nebulosidade e visibilidade, temperatura na superfície e do terreno e frequência de elementos diversos.

A fechar com o mapa das normas e demais de elementos climatológicos, referentes ao período em





JANEIRO 1979

PRESSAO ATMOSFERICA (900 OU 1000 MB +/-)

Table with 24 columns (01h to 24h) and 31 rows of atmospheric pressure data for January 1979.

M E D I A S

Summary table for January 1979 with 24 columns and 4 rows of data.

FEBREIRO 1979

PRESSAO ATMOSFERICA (900 OU 1000 MB +/-)

Table with 24 columns (01h to 24h) and 28 rows of atmospheric pressure data for February 1979.

M E D I A S

Summary table for February 1979 with 24 columns and 4 rows of data.



MARCE 1979

PRESSAC ATMOSFERICA 1900 DU 1000 MB +1

Table with 24 columns (01h to 24h) and 31 rows of meteorological data for March 1979. Includes values for temperature, pressure, and other atmospheric parameters.

MEDIA S

Summary table for March 1979 with 24 columns and 4 rows, providing monthly averages for various atmospheric variables.

ABRIL 1979

PRESSAC ATMOSFERICA 1900 DU 1000 MB +1

Table with 24 columns (01h to 24h) and 31 rows of meteorological data for April 1979. Includes values for temperature, pressure, and other atmospheric parameters.

MEDIA S

Summary table for April 1979 with 24 columns and 4 rows, providing monthly averages for various atmospheric variables.



MAIO 1979

PRESSAO ATMOSFERICA 1900 BU 1000 MB

4

Table with columns: DIA, 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 18H, 19H, 20H, 21H, 22H, 23H, 24H, M.O., MAX., MIN., VAR. Rows 1-31.

M E D I A S

Summary table for MAIO 1979 with columns: 1A-DEC, 2A-DEC, 3A-DEC, MES. Rows 1-3.

JUNHO 1979

PRESSAO ATMOSFERICA 1900 BU 1000 MB

4

Table with columns: DIA, 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 18H, 19H, 20H, 21H, 22H, 23H, 24H, M.O., MAX., MIN., VAR. Rows 1-31.

M E D I A S

Summary table for JUNHO 1979 with columns: 1A-DEC, 2A-DEC, 3A-DEC, MES. Rows 1-3.



JULHO 1979

PRESSAO ATMOSFERICA 1900 OU 1000 MG +1

Table with columns DIA, 01h, 02h, 03h, 04h, 05h, 06h, 07h, 08h, 09h, 10h, 11h, 12h, 13h, 14h, 15h, 16h, 17h, 18h, 19h, 20h, 21h, 22h, 23h, 24h, M.D., MAX., MIN., VAR. Rows 1-20 and 21-31.

M E D I A S

Summary table for July 1979 with columns 1A+DEC, 2A+DEC, 3A+DEC, MEB and rows for 2.0, 1.7, 1.6, 1.4, 1.3, 1.2, 1.1, 1.0, 0.9, 0.8, 0.7, 0.6, 0.5, 0.4, 0.3, 0.2, 0.1.

AGOSTO 1979

PRESSAO ATMOSFERICA 1900 OU 1000 MG +1

Table with columns DIA, 01h, 02h, 03h, 04h, 05h, 06h, 07h, 08h, 09h, 10h, 11h, 12h, 13h, 14h, 15h, 16h, 17h, 18h, 19h, 20h, 21h, 22h, 23h, 24h, M.D., MAX., MIN., VAR. Rows 1-10, 11-20, 21-31.

M E D I A S

Summary table for August 1979 with columns 1A+DEC, 2A+DEC, 3A+DEC, MEB and rows for 2.0, 1.9, 1.8, 1.7, 1.6, 1.5, 1.4, 1.3, 1.2, 1.1, 1.0, 0.9, 0.8, 0.7, 0.6, 0.5, 0.4, 0.3, 0.2, 0.1.



SETEMBRE 1979

PRESSAO ATMOSFERICA 1900 OU 1000 MB

K

Table with 24 columns (01h to 24h) and 30 rows of atmospheric pressure data for September 1979.

M E D I A S

Summary table for September 1979 with 24 columns and 4 rows of data.

OUTUBRO 1979

PRESSAO ATMOSFERICA 1900 OU 1000 MB

K

Table with 24 columns (01h to 24h) and 30 rows of atmospheric pressure data for October 1979.

M E D I A S

Summary table for October 1979 with 24 columns and 4 rows of data.



NOVEMBER 1979

PRESSAE ATMOSFERICA 1900 BU 1000 MB \*1\*

K

Table with columns: DIA, 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 18H, 19H, 20H, 21H, 22H, 23H, Max, Min, Jan. Rows 1-30.

MEDIA S

Summary table for Nov 1979 with columns: DIA, 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 18H, 19H, 20H, 21H, 22H, 23H, Max, Min, Jan.

DECEMBER 1979

PRESSAE ATMOSFERICA 1900 BU 1000 MB \*1\*

K

Table with columns: DIA, 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 18H, 19H, 20H, 21H, 22H, 23H, Max, Min, Jan. Rows 1-31.

MEDIA S

Summary table for Dec 1979 with columns: DIA, 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 18H, 19H, 20H, 21H, 22H, 23H, Max, Min, Jan.



JANEIRO 1979

TEMPERATURA DO AR

Table with columns: DIA, 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 18H, 19H, 20H, 21H, 22H, 23H, 24H, M.D., MAX., MIN., VAR. Rows 1-31.

M E D I A S

Summary table for January 1979 with columns: DIA, 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 18H, 19H, 20H, 21H, 22H, 23H, 24H, M.D., MAX., MIN., VAR. Rows 1A-3A, MEJ.

FEVEREIRO 1979

TEMPERATURA DO AR

Table with columns: DIA, 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 18H, 19H, 20H, 21H, 22H, 23H, 24H, M.D., MAX., MIN., VAR. Rows 1-28.

M E D I A S

Summary table for February 1979 with columns: DIA, 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 18H, 19H, 20H, 21H, 22H, 23H, 24H, M.D., MAX., MIN., VAR. Rows 1A-3A, MEJ.



MARCE 1979

TEMPERATURA DE AR

Table with 24 columns (DIA, 01h to 24h, H.D., MAX., MIN., VAR.) and 31 rows of hourly temperature data for March 1979.

M E D I A S

Summary table with 4 columns (Date, H.D., MAX., MIN., VAR.) and 4 rows of daily averages for March 1979.

ABRIL 1979

TEMPERATURA DE AR

Table with 24 columns (DIA, 01h to 24h, H.D., MAX., MIN., VAR.) and 31 rows of hourly temperature data for April 1979.

M E D I A S

Summary table with 4 columns (Date, H.D., MAX., MIN., VAR.) and 4 rows of daily averages for April 1979.



MAIO 1979

TEMPERATURA DO AR

DIA	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	M.D.	MAX.	MIN.	VAR.		
1	11.3	11.2	10.9	10.9	11.1	11.2	11.7	12.5	13.3	14.2	14.2	14.0	13.7	13.5	13.1	12.8	12.5	12.2	11.9	11.4	11.2	11.2	11.2	13.5	20.2	10.5	9.3			
2	11.0	11.0	11.0	10.7	10.8	10.3	11.0	12.3	13.3	14.3	14.2	14.2	14.0	13.9	13.9	13.5	13.2	12.9	11.4	11.0	10.5	9.7	9.0	8.7	13.2	19.1	8.3	10.8		
3	7.6	7.0	6.9	6.5	6.2	6.5	7.6	9.0	9.9	14.2	16.0	17.5	19.2	19.8	19.5	18.3	17.2	16.3	13.6	12.1	11.1	10.3	9.5	8.9	12.1	15.7	6.2	13.5		
4	8.2	7.6	7.3	6.4	6.0	5.7	7.3	10.4	12.4	15.8	18.3	20.2	22.4	22.8	22.4	21.5	20.1	19.4	16.3	14.0	12.9	11.8	10.9	10.6	13.8	22.9	5.6	17.3		
5	9.3	8.4	8.2	8.3	9.3	11.2	13.1	15.0	16.1	18.1	20.6	22.1	23.4	24.5	25.1	23.4	22.1	20.9	18.1	16.3	15.3	13.7	12.6	11.5	16.1	25.9	8.4	17.2		
6	10.4	10.6	10.7	10.8	10.8	11.1	11.6	12.3	12.6	14.5	17.0	17.4	19.3	20.3	20.1	19.5	17.5	17.1	14.1	12.4	11.6	11.0	10.6	10.6	13.8	20.6	10.4	11.4		
7	10.2	9.8	9.8	9.8	9.8	9.8	10.7	12.3	12.5	15.9	16.2	16.3	16.9	16.0	15.3	15.1	13.7	13.6	12.7	11.9	11.4	11.5	11.3	11.1	12.7	18.1	9.7	8.4		
8	10.4	10.1	9.9	9.9	9.9	9.9	10.6	11.6	12.2	14.3	15.4	16.6	18.3	19.8	20.1	19.3	17.6	16.5	13.6	12.2	11.3	10.7	10.1	9.8	13.3	20.2	9.0	11.2		
9	8.8	8.1	7.5	7.1	6.7	6.6	8.1	12.6	13.5	15.5	18.1	19.8	21.6	22.1	23.0	21.3	20.6	19.7	17.2	15.0	13.2	12.5	11.9	11.3	14.3	23.0	6.8	16.5		
10	11.3	10.5	10.2	10.1	9.8	9.9	10.4	12.2	13.5	17.8	21.5	24.1	26.5	27.6	27.3	27.0	26.0	24.9	21.5	19.6	18.1	17.1	16.9	15.3	17.9	27.6	9.6	18.0		
11	13.8	13.7	13.8	14.8	15.5	16.7	19.0	22.4	24.1	26.6	28.4	29.0	30.6	30.8	31.9	32.5	32.1	30.6	26.6	24.3	23.3	21.3	20.0	18.7	23.3	32.7	13.2	19.5		
12	16.8	16.6	16.7	16.8	16.2	16.5	19.2	22.0	23.5	28.3	30.7	31.7	32.7	33.5	33.1	31.9	30.6	30.1	25.6	23.4	22.9	21.4	19.9	18.9	24.1	34.2	15.9	18.3		
13	17.2	16.9	16.7	16.4	17.9	18.5	22.6	24.7	25.7	28.1	29.3	31.7	33.5	34.4	34.5	33.4	32.0	30.5	27.5	25.3	24.7	22.2	20.3	19.7	25.3	35.1	16.2	18.9		
14	19.8	19.5	19.5	18.9	20.8	21.7	23.6	24.7	24.9	27.2	29.1	31.6	33.9	34.0	34.7	33.6	32.2	30.0	26.0	23.4	21.7	20.3	19.3	18.2	25.3	35.3	16.8	18.5		
15	17.2	16.1	16.0	14.1	12.9	12.4	14.9	17.8	19.0	19.1	21.0	22.7	25.6	26.6	25.8	24.2	22.7	21.6	17.9	15.3	15.1	14.8	14.3	14.0	18.4	27.1	12.2	14.9		
16	13.8	13.6	13.4	13.2	13.2	13.3	13.4	13.8	13.9	14.5	15.5	17.5	18.1	17.8	17.2	19.1	18.0	17.1	15.2	13.9	12.9	12.0	11.7	11.1	14.7	19.4	11.1	8.5		
17	10.6	10.1	10.9	11.1	11.3	11.9	12.6	13.2	13.6	13.5	14.7	16.3	16.5	16.0	16.5	17.4	16.6	15.6	12.0	11.1	10.2	9.8	9.1	13.1	17.7	8.8	8.8			
18	8.1	7.7	7.4	6.3	6.3	6.3	9.0	11.6	14.0	15.4	16.0	16.2	16.4	14.2	12.7	11.4	11.3	11.6	10.1	8.1	7.3	7.0	6.8	6.9	10.3	18.3	6.0	12.3		
19	7.0	6.5	6.2	6.4	6.3	6.3	7.5	9.4	10.0	11.6	10.6	11.4	11.0	10.5	10.1	9.8	9.8	10.2	10.3	10.2	10.1	10.1	10.1	9.3	12.2	6.2	6.4			
20	11.1	9.9	8.6	8.4	7.9	7.2	9.0	11.2	13.4	14.9	15.8	16.8	16.8	17.4	16.0	16.1	16.3	15.8	13.7	12.9	12.6	12.2	12.0	11.9	13.1	17.6	9.4	8.2		
21	12.0	12.1	12.2	12.2	12.2	12.2	12.7	13.3	13.1	13.6	14.3	14.5	16.0	16.5	15.2	14.5	14.6	14.8	14.3	13.8	13.1	12.7	12.7	12.7	13.6	16.8	11.9	8.9		
22	12.4	12.3	12.1	11.8	11.6	11.6	12.3	14.2	14.6	14.6	16.7	18.1	17.4	18.1	18.6	19.4	18.7	18.1	17.0	15.1	13.9	13.6	13.0	12.7	14.8	19.7	11.6	8.1		
23	12.1	12.0	11.9	12.0	12.1	12.4	13.3	13.6	14.0	14.2	14.4	14.0	13.5	12.5	12.6	13.7	14.8	14.8	13.4	11.3	10.4	9.5	8.7	8.1	12.5	15.3	7.8	7.5		
24	7.2	6.7	6.1	5.7	5.5	5.7	7.9	11.2	12.6	13.5	15.6	16.4	15.4	16.4	16.8	16.4	15.8	15.0	13.7	12.9	12.2	11.9	11.2	11.8	17.9	5.4	12.5			
25	11.1	10.8	10.5	10.9	10.3	10.3	10.8	12.8	14.3	15.6	16.8	18.5	18.1	17.4	16.3	16.6	17.5	17.6	16.3	15.4	15.1	13.7	13.7	13.8	14.3	19.0	10.2	8.6		
26	13.8	13.8	13.5	13.3	13.2	13.1	13.3	13.7	13.8	15.9	16.6	17.1	15.6	14.3	14.4	14.3	14.6	14.8	14.0	13.0	12.4	12.3	12.3	12.2	14.2	19.1	12.1	8.4		
27	12.6	13.7	14.0	14.0	14.1	14.2	14.4	14.6	14.9	15.0	15.2	15.5	15.8	15.8	16.1	16.0	15.9	15.8	14.8	13.6	12.6	12.5	12.5	12.5	15.1	16.1	12.1	8.4		
28	15.4	15.4	15.3	15.2	15.3	15.5	16.1	17.2	18.1	18.4	19.2	20.2	21.1	20.8	19.1	20.4	20.4	20.2	18.6	17.3	16.7	16.3	16.7	16.3	16.3	18.0	17.7	22.2	15.0	7.2
29	16.0	16.1	16.2	16.2	16.1	16.0	16.2	16.3	16.4	18.1	18.7	18.7	20.2	19.8	19.7	18.8	19.2	19.8	18.8	17.6	17.0	16.7	16.8	17.0	17.6	21.4	15.7	5.7		
30	12.7	11.9	11.7	11.1	10.7	10.7	11.1	12.1	13.5	15.6	16.6	17.3	18.7	18.0	16.3	17.1	16.7	17.0	15.0	13.2	12.5	11.6	10.9	10.3	13.6	19.0	10.3	8.7		
31	9.7	8.9	8.6	8.4	7.3	7.2	9.0	11.2	13.4	14.5	17.8	19.5	19.5	19.9	19.5	19.3	18.6	17.5	15.0	13.4	12.5	11.6	10.9	10.4	13.6	20.4	7.1	13.2		

M E D I A S

1A-DEC	9.8	9.4	9.2	9.0	9.0	9.2	10.2	12.0	12.9	15.5	17.5	18.9	20.6	21.1	21.1	20.1	18.8	17.9	15.5	13.8	12.8	12.0	11.3	10.9	14.1	21.7	8.4	13.2
2A-DEC	13.4	13.1	12.8	13.1	13.0	13.3	15.2	17.2	18.3	19.9	21.0	22.5	23.5	23.4	22.2	23.0	22.2	21.3	18.7	16.9	16.2	15.1	14.4	13.9	17.7	25.0	11.6	13.4
3A-DEC	12.9	12.2	12.0	11.8	11.7	11.7	12.5	13.7	14.4	15.7	16.8	17.1	17.5	17.3	16.9	16.9	16.9	16.7	15.8	14.3	13.7	13.2	12.9	12.7	14.4	18.7	10.8	7.8
MES	11.9	11.6	11.4	11.2	11.2	11.4	12.6	14.3	15.2	17.0	18.4	19.4	20.4	20.5	20.3	19.9	19.2	18.6	16.5	15.0	14.2	13.5	12.9	12.5	15.4	21.7	10.3	11.4

JUNHO 1979

TEMPERATURA DO AR

DIA	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	M.D.	MAX.	MIN.	VAR.
1	9.5	9.2	8.8	8.2	8.0	8.0	10.0	13.7	14.8	18.9	20.6	21.6	23.3	24.3	22.8	23.2	21.8	21.0	18.8	15.9	14.8	13.7	12.2	12.9	15.7	24.5	7.9	16.6
2	12.1	11.3	10.7	10.2	10.2	10.3	12.3	15.4	17.4	21.0	21.5	25.8	27.1	26.7	25.8	22.9	21.4	20.4	18.0	16.8	15.8	14.8	14.2	16.7	30.0	10.2	19.8	
3	14.5	14.4	14.4	14.2	14.3	14.3	14.8	16.1	16.7	20.0	21.8	22.7	23.8	23.8	22.8	22.9	21.9	21.1	18.8	16.7	15.5	14.1	14.0	14.0	17.9	24.2	10.0	10.2
4	13.4	13.0	12.7	12.5	12.5	12.5	13.1	15.0	16.4	18.8	20.5	21.5	23.9	24.5	23.6	23.0	22.6	21.6	19.4	17.6	16.7	16.0	15.6	17.5	25.0	12.4	12.6	
5	14.0	13.9	13.2	12.8	12.4	12.4	13.1	14.4	15.2	18.8	22.8	24.5	26.3	26.5	26.4	25.5	24.4	23.5	19.9	17.4	16.0	14.5	14.7	13.4	18.1	26.8	12.2	14.6
6	12.8	12.4	11.9	11.7	12.0	12.2	13.1	14.4	16.1	19.5	22.3	24.1	26.6	25.9	26.4	25.9	24.4	23.9	21.6	19.8	19.0	17.3	16.3	15.7	18.5	26.6	11.7	14.9
7	14.6	14.3	15.1	17.1	17.5	17.7	18.2	19.8	20.7	23.3	25.0	26.3	29.0	29.7	30.7	31.0	29.6	28.6	25.9	23.5	21.7	20.1	18.8	18.1	22.3	31.4	14.2	17.2
8	14.5	15.8	15.3	14.6	14.4	14.1	14.5	19.5	21.3	24.6	25.3	25.8	27.2	27.4	28.2	28.2	28.1	26.6	24.1	22.0	20.6	19.0	18.0	17.9	21.3	29.2	14.1	15.1
9	17.4	17.3	17.1	16.4	15.8	15.8	16.5	18.0	18.1	20.1	21.2	21.7	21.8	21.3	18.7	18.4	17.7	17.6	17.4	16.1	15.0	15.0	15.0	15.0	18.0	22.5	15.6	7.0
10	15.4	15.4	15.3	15.1	15.0	15.1	15.4	18.2	18.7	17.0																		



JULHO 1979

TEMPERATURA DO AR

Table with 24 columns (DIA, C1M, C2M, C3M, C4M, C5M, C6M, C7M, C8M, C9M, C10M, C11M, C12M, C13M, C14M, C15M, C16M, C17M, C18M, C19M, C20M, C21M, C22M, C23M, C24M) and 31 rows of temperature data for July 1979.

M E D I A S

Summary table for July 1979 with columns for dates (1A-DEC, 2A-DEC, 3A-DEC, MES) and 24 columns of monthly statistics (MAX, MIN, VAR).

AGOSTO 1979

TEMPERATURA DO AR

Table with 24 columns (DIA, C1M, C2M, C3M, C4M, C5M, C6M, C7M, C8M, C9M, C10M, C11M, C12M, C13M, C14M, C15M, C16M, C17M, C18M, C19M, C20M, C21M, C22M, C23M, C24M) and 31 rows of temperature data for August 1979.

M E D I A S

Summary table for August 1979 with columns for dates (1A-DEC, 2A-DEC, 3A-DEC, MES) and 24 columns of monthly statistics (MAX, MIN, VAR).



SETEMBRO 1979

TEMPERATURA DO AR

Dia	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	M.D.	MAX.	MIN.	VAR.		
1	18.8	18.8	18.2	18.2	18.2	18.6	18.8	17.5	18.1	21.0	23.6	25.3	27.6	27.6	27.4	26.8	26.0	24.3	22.4	20.2	19.7	19.4	19.0	18.8	20.8	28.0	18.2	11.8		
2	18.8	18.8	18.2	18.1	18.0	18.0	18.2	19.2	20.0	22.0	24.0	26.8	28.8	28.0	27.4	26.0	25.0	24.2	21.5	19.6	18.6	17.6	17.0	16.1	21.2	29.0	18.4	10.0		
3	18.1	18.8	18.2	18.0	18.0	18.4	18.4	18.5	17.8	20.0	22.7	24.6	26.9	31.1	30.0	30.0	29.5	28.8	25.6	23.8	22.6	21.8	21.2	17.2	21.2	31.0	13.8	18.0		
4	18.5	18.0	15.8	15.0	14.4	14.2	14.2	15.6	17.2	20.0	22.0	24.6	26.8	29.0	30.3	29.2	27.4	25.1	21.0	19.0	18.3	17.4	17.0	16.7	20.1	30.5	18.0	10.5		
5	18.8	18.5	18.8	18.0	18.0	18.0	18.0	18.0	18.1	17.1	20.0	20.8	24.0	25.1	25.2	24.7	23.2	22.0	19.5	18.0	16.8	16.6	16.4	16.2	18.8	25.4	16.0	9.4		
6	18.3	18.5	18.7	18.7	18.5	18.3	18.8	17.0	17.4	19.5	22.3	23.4	25.1	26.2	26.0	24.4	22.5	21.0	18.4	17.0	16.2	16.0	16.0	16.0	19.2	26.4	16.0	10.4		
7	15.3	14.8	14.2	13.8	13.6	13.7	15.6	16.8	18.6	21.3	24.4	26.8	27.2	27.1	26.0	25.2	23.1	20.4	18.6	17.5	16.0	15.8	15.4	15.9	27.2	13.6	13.6	8.2		
8	15.0	15.0	15.0	15.0	15.0	14.8	14.8	15.2	16.2	18.2	20.2	22.2	25.3	27.2	27.7	26.6	25.4	23.0	19.4	17.0	15.9	15.6	15.4	15.0	18.8	27.7	14.8	12.9		
9	14.8	14.8	14.7	14.7	14.7	15.0	16.6	17.2	19.4	24.6	27.8	29.5	31.0	30.4	29.5	27.6	26.3	25.4	23.4	22.3	21.8	21.0	20.3	21.6	31.4	14.7	16.7	10.7		
10	18.2	17.5	17.3	17.6	18.4	18.6	18.4	19.6	20.4	22.5	24.6	26.2	27.5	28.4	28.2	26.8	25.3	23.2	22.4	20.2	19.4	18.3	17.8	17.2	21.4	28.6	17.3	11.9		
11	16.8	16.3	15.9	15.6	15.6	15.6	15.4	15.4	16.4	17.6	21.8	23.5	25.4	26.5	25.5	24.6	23.4	20.6	17.4	16.2	15.8	15.8	15.6	18.7	26.5	15.4	11.1	11.1		
12	15.6	15.6	15.6	15.7	15.8	16.0	16.4	16.9	17.1	17.4	19.2	20.4	23.5	24.0	24.0	22.5	23.6	21.1	19.5	18.6	17.5	17.0	16.0	16.0	18.6	24.4	15.6	8.8		
13	15.5	14.7	14.4	14.0	13.8	13.7	14.8	15.3	16.3	18.2	19.8	22.1	24.5	26.0	26.0	24.0	21.6	20.0	18.6	17.8	17.6	17.2	16.7	18.7	26.2	13.6	12.6	12.6		
14	16.5	16.5	16.4	16.2	16.0	15.5	15.6	16.4	17.9	19.6	20.4	24.4	22.6	23.1	23.2	24.4	24.4	22.8	21.8	20.2	19.8	19.7	19.6	19.4	19.6	25.4	15.5	1.9	1.9	
15	19.0	18.8	18.4	18.7	19.8	18.8	18.4	21.2	25.0	27.4	28.0	27.6	28.6	25.9	26.8	26.0	25.6	23.0	22.4	20.9	19.0	19.0	19.0	19.0	22.2	28.6	18.5	10.2	10.2	
16	18.0	17.2	17.0	17.1	17.0	16.8	17.4	18.4	19.6	23.6	25.0	23.7	25.2	25.3	24.9	24.6	23.1	21.9	20.2	19.2	18.7	17.8	17.4	17.1	20.3	25.3	16.8	8.5	8.5	
17	17.1	17.1	17.1	17.1	17.1	17.1	17.2	17.3	17.4	18.0	20.0	23.8	25.0	24.2	24.2	23.0	21.0	19.0	18.2	17.9	17.4	16.8	16.4	16.4	19.1	25.0	16.8	8.2	8.2	
18	15.8	15.6	15.6	15.6	15.6	15.8	15.3	16.5	17.0	17.8	18.2	19.8	21.5	22.6	23.6	23.0	21.0	19.5	18.6	18.2	17.0	16.8	16.3	18.0	23.6	15.6	8.0	8.0		
19	16.3	16.3	16.0	16.0	16.0	16.0	16.0	16.7	17.6	19.0	20.7	21.3	22.0	23.0	23.4	23.7	22.3	20.1	18.6	17.2	16.0	16.0	15.8	15.5	18.4	23.7	15.8	7.9	7.9	
20	15.3	14.7	14.5	14.0	13.6	12.9	13.1	14.3	15.7	19.4	21.3	22.5	23.0	23.1	24.1	23.7	22.3	21.2	19.0	18.4	17.8	16.4	15.6	15.1	18.0	24.1	12.9	11.2	11.2	
21	14.7	14.0	13.5	13.2	13.0	12.1	11.7	12.0	12.8	14.7	18.5	19.5	20.9	22.6	22.5	21.0	19.3	17.6	16.0	15.0	14.3	13.4	13.0	12.7	15.8	22.6	11.7	10.9	10.9	
22	12.4	11.8	10.4	10.4	10.8	10.7	11.2	13.0	14.9	15.8	18.0	20.3	20.8	21.2	20.1	19.6	18.4	16.9	15.7	14.7	14.5	14.0	13.6	12.5	15.0	21.2	10.4	10.8	10.8	
23	11.8	10.8	10.4	10.2	9.2	9.1	9.8	11.0	12.9	17.8	18.7	20.7	21.7	22.3	21.9	21.0	19.3	18.7	18.4	17.7	13.9	13.0	12.0	10.7	14.9	22.3	9.1	13.2	13.2	
24	13.2	15.0	14.9	14.7	13.5	13.7	13.7	16.0	16.7	18.6	20.7	23.1	24.8	25.0	25.1	24.1	22.7	21.0	17.4	16.5	15.8	14.7	14.3	18.0	25.1	10.7	14.4	14.4		
25	13.8	12.7	12.3	11.8	11.2	10.7	12.5	14.5	15.3	22.0	24.5	26.1	27.2	28.0	28.9	28.5	24.6	22.6	20.5	19.0	18.0	16.9	15.6	14.5	19.0	22.9	10.7	18.2	18.2	
26	14.2	14.0	13.8	13.5	13.3	12.5	12.0	15.0	15.0	20.2	22.0	24.0	27.9	30.0	30.7	30.9	28.8	25.0	23.9	21.0	19.6	18.6	17.6	17.2	15.6	20.6	30.9	13.9	17.0	17.0
27	15.0	14.2	13.0	12.5	12.3	12.1	12.0	15.0	18.7	23.0	25.3	27.9	29.0	29.7	29.7	28.4	25.4	22.9	20.7	19.6	17.5	16.2	15.2	14.7	19.6	29.7	12.0	17.7	17.7	
28	14.0	13.0	12.7	11.6	11.0	10.3	10.0	13.2	14.3	15.6	16.4	17.9	18.6	19.8	25.1	26.0	23.2	21.2	18.5	16.4	15.5	14.6	14.0	13.5	16.1	26.0	10.0	16.0	16.0	
29	13.0	13.0	12.5	12.0	12.0	12.3	12.3	12.3	12.5	15.5	18.2	19.5	22.9	25.0	26.1	24.9	22.0	20.2	17.4	15.8	14.7	13.7	13.0	12.6	16.4	26.1	12.0	14.1	14.1	
30	12.1	11.8	11.4	11.4	11.4	11.4	11.5	11.8	12.0	16.0	19.4	21.3	24.0	25.3	25.9	24.5	20.4	19.1	17.2	16.0	15.3	15.2	13.5	13.0	16.3	25.9	11.4	14.5	14.5	

M E D I A S

14 DEC	16.3	16.0	15.8	15.7	15.6	15.8	15.8	16.9	17.7	19.8	22.5	24.8	27.1	28.1	28.0	27.0	25.7	24.1	21.6	19.7	18.7	17.8	17.3	16.9	20.2	28.6	15.2	12.4	12.4
24 DEC	16.3	16.1	16.0	15.9	15.7	16.0	16.5	17.5	19.4	20.9	22.8	23.5	24.5	24.5	24.5	23.8	22.0	20.1	18.9	18.1	17.4	17.0	16.7	15.2	25.2	15.6	9.8	9.8	9.8
30 DEC	13.4	13.0	12.5	12.2	12.2	12.0	12.2	13.9	15.4	18.3	20.4	22.2	24.0	25.0	25.6	24.4	22.0	20.5	18.1	16.8	15.9	15.0	14.2	13.4	17.2	25.9	11.2	14.7	14.7
MES	15.4	15.1	14.8	14.6	14.6	14.4	14.7	15.8	16.9	19.2	21.3	23.0	24.9	25.8	26.0	25.2	23.7	22.2	19.9	18.5	17.6	16.8	16.2	15.7	18.8	26.5	14.0	12.5	12.5

OUTUBRO 1979

TEMPERATURA DO AR

Dia	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	M.D.	MAX.	MIN.	VAR.		
1	12.6	12.5	12.2	11.8	11.6	11.0	10.5	11.1	12.7	15.9	18.3	20.1	22.7	23.8	23.9	22.5	21.6	19.1	17.4	16.2	15.5	14.2	12.9	12.5	15.9	24.7	10.5	14.2	14.2	
2	11.1	11.2	11.3	10.9	10.5	10.3	9.9	11.7	14.9	17.5	21.6	24.7	25.8	26.2	24.7	22.9	22.1	19.5	17.7	16.6	16.1	15.4	14.6	14.3	16.7	26.8	9.5	16.9	16.9	
3	14.1	14.1	13.9	13.7	13.1	13.5	14.4	15.4	15.9	17.2	19.4	19.8	20.1	19.2	18.9	16.8	16.6	16.5	15.9	15.7	15.3	15.3	15.2	15.1	16.0	20.8	12.9	7.9	7.9	
4	14.7	14.6	14.5	13.7	13.0	13.2	14.8	14.2	15.2	16.5	17.6	17.6	17.6	18.6	20.0	19.3	19.0	18.1	17.1	15.7	15.0	14.5	14.2	14.0	13.9	15.7	20.5	12.8	7.7	7.7
5	14.1	14.3	14.5	14.5	14.7	14.5	14.8	15.9	16.8	18.3	18.3	17.0	16.6	16.9	16.3	16.1	16.7	17.3	17.3	16.9	17.2	17.1	17.5	16.1	17.5	16.1	17.5	13.9	3.6	3.6
6	17.3	17.5	17.2	17.4	17.2	16.5	16.7	17.0	17.6	18.0	19.4	19.4	19.7	18.7	17.7	17.7	19.9	19.1	18.7	16.8	16.2	15.5	15.5	15.5	15.5	17.5	20.7	15.3	5.4	5.4
7	15.1	15.1	14.9	15.0	14.9	14.5	14.5	15.4	17.1	18.6	19.4	19.4	20.3	21.6	21.6	22.0	21.0	20.6	20.8	20.0	19.6	18.5	17.7	17.6	17.1	18.0	22.1	14.4	7.7	7.7
8	17.6	17.9	18.7	19.1	18.7	18.9	18.8	16.8	17.8	20.2	20.0	19.6	19.7	21.2	21.1	19.3	19.4	19.2	18.3	17.7	17.4	17.2	16.8	16.5	18.7	21.4	15.7	5.7	5.7	
9	16.3	16.2	16.1	15.7	15.8	15.7	15.8	16.2	16.6	18.1	16.9	16.2	17.5	17.7	17.1	17.8	17.4	17.1	16.5	15.7	15.1									



NOVEMBRE 1979

TEMPERATURA DO AR

Table with 24 columns (DIA, 01h to 24h, M.D., MAX., MIN., VAR.) and 30 rows of temperature data for November 1979.

M E D I A S

Summary table for November 1979 with columns for dates (1A-DEC, 2A-DEC, 3A-DEC, MES) and various temperature statistics.

DEZEMBRO 1979

TEMPERATURA DO AR

Table with 24 columns (DIA, 01h to 24h, M.D., MAX., MIN., VAR.) and 30 rows of temperature data for December 1979.

M E D I A S

Summary table for December 1979 with columns for dates (1A-DEC, 2A-DEC, 3A-DEC, MES) and various temperature statistics.



JANEIRO 1979

TENSÃO DO VAPOR

DIA	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	M.D.	MAX.	MIN.	VAR.	
1	11.5	11.7	12.0	10.4	11.4	11.6	11.6	11.5	11.4	11.9	11.6	11.7	11.7	11.7	11.9	12.3	12.2	12.2	12.1	12.0	12.2	11.8	12.0	12.2	11.8	12.3	10.4	1.9	
2	11.8	11.5	11.1	10.2	10.9	10.4	10.4	10.7	10.7	12.1	12.3	11.7	11.4	11.9	12.0	11.2	11.7	11.4	11.9	11.9	11.4	11.1	10.0	11.3	12.3	10.0	2.3		
3	10.3	10.5	11.0	12.4	12.4	12.5	13.0	13.4	13.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	4.9	
4	11.7	11.3	10.8	10.3	10.9	10.4	10.8	10.0	9.8	9.0	9.3	9.6	10.1	10.5	11.3	10.3	9.5	9.9	10.0	10.1	10.0	10.1	9.8	9.7	9.7	10.4	11.7	9.8	2.2
5	9.4	9.3	9.2	9.1	9.2	9.2	9.1	8.8	8.8	10.2	11.2	11.0	10.5	11.2	9.4	9.1	9.5	9.3	9.3	9.2	9.2	9.0	7.9	7.8	7.6	9.1	10.2	7.6	2.6
6	7.5	7.3	7.1	6.9	6.8	6.8	6.8	7.0	7.0	7.8	8.0	8.5	8.8	8.7	8.7	8.5	8.1	8.0	7.9	7.9	8.2	8.0	7.8	7.7	7.7	8.8	6.8	2.0	
7	7.8	7.7	8.3	8.4	8.3	8.5	8.4	8.4	8.4	8.8	9.0	9.2	9.4	10.2	10.5	10.4	10.2	10.3	10.0	9.8	9.7	9.7	9.9	9.7	9.2	10.5	7.7	2.8	
8	9.7	9.8	9.7	9.9	9.6	9.4	9.5	9.4	9.3	9.8	10.4	11.3	11.3	10.9	11.6	11.8	11.2	11.5	11.3	11.3	10.7	10.8	10.5	10.2	10.4	11.8	9.3	2.8	
9	10.1	10.1	10.3	10.2	10.2	9.9	10.1	10.4	10.7	10.4	10.6	9.8	10.9	11.0	11.0	11.2	11.3	11.0	10.6	10.1	9.9	9.4	9.2	9.1	10.3	11.3	9.1	2.7	
10	8.9	8.5	8.5	8.4	8.1	7.9	8.2	8.3	7.9	8.3	8.7	9.7	11.3	12.2	12.6	13.1	13.0	12.8	13.1	13.3	13.5	13.6	13.6	13.6	10.7	13.6	7.9	5.7	
11	13.3	13.3	12.9	12.7	12.9	12.7	12.9	12.7	12.9	12.8	12.8	13.3	13.4	13.1	13.4	13.3	13.3	13.3	13.0	12.9	12.9	12.9	13.0	13.2	13.1	13.4	12.7	.7	
12	12.8	12.8	12.4	12.8	12.8	12.8	12.8	12.8	12.8	13.4	13.9	14.3	13.8	14.1	14.2	13.6	12.9	12.8	12.8	12.7	12.5	12.2	12.1	11.9	13.1	14.4	11.9	2.5	
13	11.4	10.8	10.3	9.5	9.1	9.0	8.8	8.7	8.7	9.1	10.3	12.4	12.4	12.0	11.5	11.6	11.0	10.6	10.9	10.6	10.2	9.5	9.8	9.7	10.3	12.6	8.7	3.9	
14	9.3	8.7	8.6	8.9	8.6	8.4	8.5	9.0	9.1	10.1	9.7	9.9	10.6	11.1	10.8	10.9	10.5	10.0	10.1	9.9	9.6	9.6	9.5	9.4	9.6	11.1	8.5	2.6	
15	9.3	9.3	9.2	9.1	9.1	9.2	9.3	9.2	9.2	9.4	9.8	10.6	11.1	11.2	11.5	11.1	10.6	10.5	10.2	10.1	10.2	10.1	9.9	10.0	11.5	9.1	2.4		
16	9.4	9.5	9.5	9.5	9.3	9.0	8.9	8.7	8.9	8.8	9.5	10.1	11.6	11.3	11.6	11.8	11.0	10.2	9.7	9.5	9.4	9.0	8.4	8.8	9.7	11.8	8.4	3.4	
17	8.3	8.3	8.2	8.2	8.1	7.9	8.0	8.1	8.2	8.1	8.5	9.3	9.6	10.4	10.9	10.9	10.7	10.2	10.4	10.9	11.0	10.7	10.6	10.5	9.4	11.0	7.9	3.1	
18	10.5	10.1	10.2	10.2	10.8	10.8	10.4	10.4	10.8	11.0	12.2	12.7	12.8	13.1	13.1	12.8	12.6	13.1	13.0	13.0	13.0	13.1	13.6	13.9	13.5	10.1	3.4		
19	14.1	13.4	13.8	14.0	13.9	13.6	13.5	13.4	13.8	13.8	13.5	13.1	11.4	10.5	9.3	8.6	8.5	8.3	8.2	8.8	8.7	8.9	8.8	8.7	7.7	11.0	14.1	8.9	5.9
20	8.4	8.4	8.4	8.5	8.3	8.6	8.2	7.9	8.4	7.9	8.9	9.7	10.1	8.4	8.4	8.5	8.4	8.7	9.3	9.2	8.5	8.4	8.4	8.4	8.4	8.6	10.1	7.9	2.2
21	8.3	9.2	7.1	7.1	7.8	7.9	8.5	9.0	9.5	9.4	10.0	10.1	10.7	10.7	11.0	11.2	11.3	11.1	11.1	11.0	11.2	12.1	12.1	12.0	10.0	12.1	7.1	5.0	
22	12.3	12.0	12.0	12.3	12.1	12.2	12.3	12.2	11.7	11.7	12.0	12.3	11.7	11.2	11.2	11.0	10.6	10.3	9.8	9.8	10.1	10.0	10.0	9.9	11.3	12.3	9.8	2.5	
23	9.3	9.0	8.8	8.5	8.7	9.0	9.3	9.2	9.2	9.7	10.5	11.0	11.5	10.7	10.3	9.9	10.1	10.0	9.9	9.4	8.9	8.9	8.6	8.9	9.6	11.8	8.5	3.0	
24	9.1	8.8	8.7	8.8	9.0	9.0	8.8	9.2	9.3	9.3	9.5	9.8	10.4	9.5	9.9	10.3	10.4	10.6	10.7	10.7	11.0	11.0	10.8	11.0	9.8	11.0	8.7	2.3	
25	11.2	11.1	11.2	11.2	11.2	10.8	10.5	10.2	10.5	10.7	11.2	12.4	12.7	12.7	12.1	13.0	13.2	13.3	12.5	11.8	12.6	12.3	12.5	12.7	11.8	13.3	10.2	3.1	
26	16.7	15.1	14.2	13.2	13.2	13.4	13.3	13.4	13.8	14.0	14.4	14.0	14.2	14.0	14.1	13.8	13.4	13.3	12.9	13.1	12.9	12.9	12.7	12.6	13.4	14.4	12.6	1.8	
27	13.3	13.6	13.7	13.6	13.8	13.4	13.2	13.7	13.4	13.6	14.0	13.6	12.8	12.2	11.8	11.6	11.1	10.4	10.0	9.9	10.0	8.9	8.5	8.1	12.0	14.0	8.1	5.9	
28	7.8	7.6	7.4	7.3	7.1	7.0	7.0	7.0	7.4	8.8	7.7	7.3	7.3	8.4	8.4	8.6	8.8	9.1	8.6	8.8	8.9	8.8	8.8	8.9	8.0	9.1	7.0	2.1	
29	9.1	9.1	9.2	9.3	9.4	9.6	9.7	9.8	10.0	10.7	11.2	10.9	11.3	11.6	11.3	11.5	11.6	10.6	10.4	10.1	10.1	10.1	10.1	10.1	10.2	10.3	11.8	9.1	2.7
30	10.0	10.0	9.7	9.4	9.5	9.5	9.8	9.5	9.4	10.2	10.4	10.3	10.3	10.4	9.8	9.7	9.1	9.3	9.2	9.2	8.9	8.6	8.6	8.6	8.2	9.6	10.4	8.3	2.1
31	8.3	8.1	8.1	7.8	7.4	7.2	7.1	7.0	6.9	7.4	7.9	8.0	8.4	8.1	7.8	8.4	8.6	9.0	9.1	9.1	8.8	8.9	8.9	9.1	8.1	9.1	6.9	2.2	

M E D I A S

14-DEC	9.4	9.8	9.8	9.7	9.8	9.7	9.8	9.8	9.8	10.2	10.6	10.4	11.1	11.1	11.2	11.0	11.0	11.0	10.9	10.8	10.8	10.4	10.4	10.2	10.4	11.8	8.9	2.9	
24-DEC	10.7	10.5	10.4	10.3	10.3	10.2	10.1	10.0	10.7	10.4	10.8	11.4	11.6	11.4	11.4	11.4	11.0	10.7	10.9	10.8	10.6	10.4	10.4	10.4	10.4	10.7	12.3	9.3	3.0
31-DEC	10.1	10.2	9.9	9.9	9.9	9.9	10.0	10.0	10.1	10.8	10.8	10.8	11.0	10.9	10.7	10.8	10.7	10.6	10.4	10.3	10.3	10.2	10.1	10.2	10.4	11.7	8.8	3.0	
MEB	10.2	10.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.4	10.7	11.0	11.2	11.1	11.1	11.1	10.9	10.8	10.7	10.6	10.6	10.4	10.3	10.2	10.5	11.9	9.0	3.0	

FEVEREIRO 1979

TENSÃO DO VAPOR

DIA	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	M.D.	MAX.	MIN.	VAR.	
1	10.1	11.1	11.1	11.3	11.4	11.5	11.6	11.8	10.6	10.7	11.7	12.6	13.6	14.1	14.6	14.6	14.4	14.2	14.1	14.3	14.9	15.1	15.2	12.7	15.2	10.1	5.1		
2	15.1	15.8	16.1	17.2	14.9	16.8	16.6	16.2	16.0	15.4	15.2	15.5	15.0	14.3	14.4	14.4	14.9	15.1	15.3	15.4	15.4	15.1	15.0	15.4	17.2	14.3	2.9		
3	14.5	14.3	14.2	14.5	14.1	14.0	14.0	14.2	14.1	14.3	14.4	14.1	14.2	14.2	14.8	13.6	14.1	13.5	13.3	13.7	13.4	13.8	13.9	14.0	14.8	13.3	1.5		
4	13.6	13.7	14.2	14.5	15.0	15.5	16.2	16.4	16.7	16.9	16.9	17.4	17.4	17.6	17.4	17.3	17.1	17.2	17.4	17.4	17.4	17.2	17.1	16.4	17.6	13.6	4.0		
5	16.7	16.1	16.2	16.9	15.8	15.6	15.2	15.7	15.3	16.7	16.4	16.1	16.9	17.0	17.1	16.9	16.9	16.7	16.6	16.7	16.7	16.8	16.8	16.4	17.1	15.2	1.9		
6	16.6	16.6	16.6	16.2	16.4	16.5	16.6	16.8	16.3	16.5	16.5	16.3	16.2	16.0	16.2	16.3	15.0	15.0	15.0	14.7	14.8	14.8	14.8	16.0	16.8	14.7	2.1		
7	14.7	15.1	15.1	14.6	14.8	14.7	14.9	15.2	15.4	15.3	15.4	16.2	16.3	15.5	15.7	15.6	15.4	15.5	15.1	14.9	14.8	15.2	15.6	15.8	15.3	16.3	14.6	1.7	
8	14.1	14.2	14.7	14.2	15.4	15.2	15.3	15.4	15.2	15.4	15.4	15.6	15.7	15.8	16.0	15.4	15.6	15.3	15.4	15.5	15.6	16.0	15.9	15.9	15.9	15.7	16.7	15.2	1.5
9	16.2	16.0	16.0	15.4	15.9	15.7	15.1	14.9	14.5	14.5	14.6	15.1	15.0	14.2	14.7	14.8	14.4	13.2	12.7	12.8	12.1	12.6	12.3	12.4	14.4	16.2	12.1	4.1	
10	12.3	12.8	12.9	13.0	13.0	13.3	13.7	13.7	13.7	14.0	14.9	15.8	15.3	15.1	14.8	13.9	13.3	13.3	13.2	13.1	12.9	13.1	11.7	12.1	13.5	15.8	11.7	4.1	
11	12.4	12.2	12.4	11.9	11.9	11.8	10.2	11.4	12.0																				







DIA	01H	02H	03H	04H	05H	06H	07H	08H	09H	10H	11H	12H	13H	14H	15H	16H	17H	18H	19H	20H	21H	22H	23H	24H	H.O.	MAX.	MIN.	VAR.	
1	12.4	12.4	12.4	12.4	12.4	12.5	12.2	12.6	13.0	11.8	12.1	12.6	12.4	12.0	11.7	12.6	11.3	11.6	12.1	11.6	11.1	11.2	11.2	11.2	11.2	12.0	13.0	11.1	1.9
2	10.4	11.7	11.7	11.9	11.9	9.8	11.3	10.4	10.3	10.4	10.7	10.6	11.8	11.9	12.1	11.5	11.2	10.3	9.8	9.9	9.7	10.1	10.0	9.7	10.9	12.1	9.7	2.4	
3	9.8	9.4	9.4	9.2	9.2	9.5	10.0	10.7	10.7	11.7	10.9	10.8	11.3	11.4	11.4	10.5	10.2	10.0	10.0	10.0	10.3	10.2	10.2	10.2	10.8	10.3	11.7	9.2	2.5
4	9.9	9.7	9.7	9.1	8.9	8.9	9.8	10.5	10.8	10.0	10.7	10.7	11.4	12.2	12.2	11.5	11.5	11.2	10.5	11.0	11.5	11.5	11.2	10.8	10.6	12.2	8.9	3.3	
5	10.8	10.2	10.1	10.0	8.7	7.6	8.0	8.8	9.5	10.2	11.4	12.2	12.4	11.7	11.5	12.7	12.0	11.4	10.4	9.8	10.4	11.1	12.0	11.3	10.6	12.7	7.6	5.1	
6	11.7	12.0	12.3	11.6	11.8	12.3	12.0	12.3	12.1	12.0	12.8	12.4	13.2	12.9	12.7	12.0	12.2	12.1	11.3	11.2	11.2	11.1	10.9	10.7	12.0	13.2	10.7	2.5	
7	11.7	11.1	11.0	11.1	11.1	11.0	10.8	11.0	11.2	11.8	11.0	11.7	11.5	11.3	11.0	10.3	9.9	9.8	10.0	10.4	10.6	11.0	11.0	10.8	10.9	11.8	9.6	2.6	
8	11.7	11.5	11.3	11.2	11.3	11.6	11.8	11.6	11.4	10.9	10.5	10.8	11.1	12.0	12.5	11.9	11.1	11.7	10.9	10.9	11.0	11.2	11.2	10.9	11.3	12.5	10.8	2.0	
9	10.7	10.4	10.0	9.7	9.6	9.5	10.2	12.3	11.9	11.1	11.4	11.4	11.4	12.6	12.8	13.5	13.4	14.1	13.7	13.5	13.3	13.2	13.1	12.9	12.4	12.0	14.1	9.8	4.6
10	12.5	12.2	12.2	12.2	12.0	12.2	12.3	13.8	13.8	14.1	15.9	16.2	16.3	17.3	17.1	16.4	15.8	15.1	13.6	13.7	14.3	14.0	13.6	13.0	14.1	17.3	12.0	5.3	
11	13.3	13.0	12.8	11.9	12.1	11.4	11.7	12.2	12.6	13.6	14.3	14.0	14.9	14.7	14.7	14.3	15.3	13.5	12.8	13.2	13.4	13.2	12.3	13.3	15.3	15.3	11.4	3.9	
12	13.4	13.6	13.5	12.6	12.1	12.0	12.4	14.0	14.4	14.2	15.8	14.5	14.8	15.0	16.2	15.6	15.8	15.4	13.3	13.2	13.1	13.8	14.2	13.3	14.1	16.2	12.0	4.2	
13	14.3	14.0	13.7	13.0	13.3	13.0	14.2	15.2	15.5	16.3	17.1	18.7	18.1	18.0	19.1	17.5	16.6	15.3	13.2	12.9	12.8	12.6	13.2	12.8	15.0	19.1	12.6	6.5	
14	13.4	12.0	13.2	13.7	13.8	14.2	14.4	14.2	13.7	14.4	14.5	15.8	15.3	13.8	14.4	15.1	15.9	15.7	14.8	15.0	15.0	14.5	14.8	13.6	14.4	15.9	12.0	3.9	
15	15.1	14.8	14.9	14.0	13.6	13.0	13.4	14.9	15.4	16.6	17.4	17.4	17.1	19.1	18.3	17.2	16.8	16.5	16.2	15.7	16.0	15.0	13.9	13.6	15.7	19.1	13.0	6.1	
16	12.8	12.9	12.9	12.8	12.9	13.0	12.9	12.8	12.7	12.7	13.0	14.0	14.1	13.7	13.1	13.9	13.4	12.5	11.9	11.9	11.8	11.9	12.3	11.9	12.8	14.1	11.1	2.7	
17	12.0	11.7	12.0	11.9	12.0	12.5	13.1	13.4	13.4	13.8	13.5	12.8	12.6	11.8	12.0	12.5	11.3	10.5	10.1	10.2	10.4	10.4	10.3	10.5	11.9	13.9	10.1	2.8	
18	10.0	9.9	9.7	9.0	9.0	9.0	10.1	10.3	11.0	10.5	9.6	9.0	10.6	13.3	12.6	12.4	12.3	12.1	11.2	10.0	9.7	9.8	9.4	9.4	10.4	13.3	9.0	2.3	
19	9.5	9.3	8.2	8.3	8.2	8.2	9.4	10.1	10.3	10.2	10.8	10.8	10.8	11.3	10.7	10.9	11.4	11.4	11.5	11.4	11.7	11.7	11.7	11.7	11.7	10.6	11.7	9.2	2.5
20	11.8	11.7	11.4	11.6	11.4	11.6	11.8	12.2	12.2	12.2	11.6	12.0	12.4	12.7	11.6	10.7	10.7	10.6	9.3	11.3	11.8	11.8	11.6	11.8	11.8	11.8	12.7	9.3	3.4
21	11.4	11.6	11.5	11.4	11.5	11.5	12.1	12.4	12.8	13.7	14.5	15.5	16.0	15.6	15.6	15.3	15.3	15.5	14.5	14.1	13.6	13.8	14.1	14.1	13.7	16.0	11.5	4.5	
22	14.0	14.0	13.8	13.5	13.2	13.1	13.4	14.1	13.8	14.1	13.5	12.3	12.3	12.2	12.4	11.9	11.0	11.1	11.0	10.8	11.4	11.8	12.8	14.2	14.1	16.2	12.0	4.2	
23	13.0	12.9	12.9	13.2	13.5	13.8	14.7	14.5	14.6	14.3	14.9	15.2	14.6	13.8	13.7	13.5	12.8	11.7	11.7	11.0	10.8	11.4	10.8	10.4	10.8	12.0	15.8	10.2	5.0
24	9.7	9.4	9.1	8.9	8.8	9.0	10.2	11.4	11.7	10.4	11.3	11.0	10.7	10.2	10.5	10.6	10.7	11.1	10.8	10.9	11.4	11.4	11.4	11.4	11.4	10.5	12.0	8.8	3.2
25	11.4	11.3	11.7	11.5	11.6	11.8	11.5	12.4	12.2	12.2	12.2	12.4	14.5	14.8	15.2	15.9	15.4	14.8	14.7	14.1	13.6	13.9	14.2	14.2	14.2	14.2	14.2	13.1	3.0
26	15.0	15.2	14.9	14.8	14.7	14.6	14.7	15.1	14.9	14.1	14.9	13.8	14.9	14.2	13.8	13.7	13.1	13.4	13.1	13.6	13.5	13.2	13.2	13.1	14.2	14.2	14.2	13.1	3.0
27	13.7	14.5	15.4	15.4	15.6	15.7	15.3	16.4	16.5	16.8	17.2	17.5	17.4	17.6	17.6	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
28	17.3	17.2	17.1	16.8	16.5	16.5	16.8	17.2	17.3	16.3	16.6	15.5	17.3	18.7	17.9	18.5	18.0	18.2	18.4	17.1	16.9	16.1	15.8	15.8	17.1	18.4	17.4	13.7	3.9
29	15.5	15.7	15.6	16.2	16.1	16.2	16.2	16.6	16.9	18.3	19.4	20.3	19.6	18.8	18.7	18.9	17.6	17.9	16.5	16.1	16.2	16.8	16.8	17.1	17.4	17.4	17.4	17.4	17.4
30	13.7	12.9	13.2	12.7	12.5	12.6	12.7	13.0	13.5	12.7	13.0	11.8	13.0	12.2	11.8	12.3	12.2	13.0	11.9	11.9	12.0	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
31	11.4	11.1	11.0	10.8	10.1	10.2	11.3	12.2	12.0	10.3	9.8	9.8	10.8	11.8	12.7	12.5	12.2	11.6	11.1	11.6	11.8	11.6	11.6	11.2	11.3	12.7	9.8	2.9	

MEDIA

1A-DEC	11.1	11.1	11.0	10.8	10.7	10.7	10.8	11.4	11.5	11.4	11.7	12.0	12.4	12.5	12.6	12.3	11.9	11.7	11.2	11.2	11.3	11.4	11.4	11.1	11.5	13.1	9.9	3.8	
2A-DEC	12.4	12.3	12.3	12.0	12.0	11.9	12.3	12.9	13.1	13.6	13.7	13.9	14.1	14.3	14.3	14.1	13.8	13.5	12.5	12.4	12.5	12.4	12.5	12.0	13.0	15.1	11.0	4.1	
3A-DEC	13.3	13.3	13.3	13.2	13.1	13.2	13.6	14.1	14.2	14.1	14.2	14.7	14.7	14.7	14.7	14.6	14.6	14.5	14.2	14.1	13.8	13.5	13.8	13.7	13.6	13.9	15.7	12.0	3.7
MES	12.4	12.3	12.2	12.0	12.0	12.0	12.3	12.9	13.0	13.1	13.3	13.4	13.8	13.9	13.8	13.7	13.4	13.1	12.5	12.4	12.5	12.5	12.6	12.3	12.8	14.7	11.0	3.7	

DIA	01H	02H	03H	04H	05H	06H	07H	08H	09H	10H	11H	12H	13H	14H	15H	16H	17H	18H	19H	20H	21H	22H	23H	24H	H.O.	MAX.	MIN.	VAR.
1	11.1	10.9	10.8	10.5	10.3	10.3	11.2	12.4	12.4	13.7	15.1	15.2	16.0	16.7	15.5	15.3	15.1	14.2	14.8	13.6	13.3	13.5	13.8	13.9	13.3	16.7	10.3	6.4
2	13.3	12.7	12.3	11.7	11.9	12.2	13.0	14.8	14.7	14.4	17.1	18.8	18.7	16.2	16.8	18.8	15.2	15.7	15.6	16.4	16.9	16.2	16.4	16.1	15.3	18.9	11.7	7.2
3	14.8	15.1	15.6	15.2	15.3	15.2	14.8	14.6	13.9	15.2	17.2	17.7	17.4	15.6	15.0	14.8	12.9	12.2	13.0	12.4	13.2	14.2	14.2	14.4	14.8	17.7	12.2	5.5
4	14.0	14.2	13.7	13.5	12.8	12.9	12.5	13.1	13.4	14.5	14.9	14.4	16.4	16.6	15.4	15.3	15.5	15.8	15.3	15.4	15.4	15.4	15.3	15.1	14.4	16.9	12.5	4.4
5	14.7	14.5	14.4	14.2	14.1	14.0	14.6	15.4	15.6	14.7	14.8	18.4	19.2	18.0	18.2	17.6	17.1	16.2	15.1	15.8	14.7	14.4	14.0	13.9	15.8	19.2	13.9	5.3
6	13.6	13.5	13.3	13.2	13.7	14.1	14.3	14.8	15.2	14.8	18.0	18.4	19.8	18.4	17.2	16.7	15.6	15.7	14.7	15.0	15.2	15.0	15.0	15.3	15.5	19.8	13.2	6.4
7	14.6	14.8	14.8	13.1	13.0	13.3	13.2	13.4	12.7	14.3	14.9	15.7	17.6	17.1	16.8	18.0	17.0	16.3	15.4	14.7	15.0	15.2	15.6	15.1	15.8	18.0	12.7	5.2
8	15.4	15.0	15.0	14.9	15.1	14.8	15.4	16.4	16.4	18.5	18.7	18.3	17.7	15.0	12.2	14.8	15.2	15.0	15.3	15.6	17.5	17.6	17.3	17.2	16.0	18.7	12.2	



JUL-6 1979

TF-HEAD DE VAPOR

TF-HEAD DE VAPOR

TF-HEAD DE VAPOR

DIA	D1M	D2M	D3M	D4M	D5M	D6M	D7M	D8M	D9M	10M	11M	12M	13M	14M	15M	16M	17M	18M	19M	20M	21M	22M	23M	24M	M.O.	MAX.	MIN.	VAR.
1	18.4	18.5	18.6	18.1	18.0	17.8	18.3	17.8	18.7	20.2	18.5	19.7	20.4	21.8	21.2	21.4	20.7	20.6	20.4	20.0	19.6	19.6	19.7	19.3	19.5	21.8	17.6	4.2
2	16.7	14.3	12.1	10.8	10.4	10.1	10.1	10.2	11.3	12.7	13.4	13.0	12.5	12.3	11.8	15.0	16.6	17.4	16.8	14.8	15.9	15.9	15.0	13.6	17.4	10.1	7.3	
3	13.0	11.6	11.5	11.2	11.1	11.1	11.3	12.1	12.8	14.7	14.1	14.8	15.4	15.8	14.7	16.1	15.4	14.7	14.8	13.8	13.2	14.0	14.3	14.8	13.6	14.1	11.1	5.0
4	14.0	13.6	13.1	13.0	13.2	13.7	14.4	15.8	17.5	16.1	17.0	17.6	18.5	20.4	21.6	19.6	19.2	19.3	17.1	16.3	19.1	19.0	17.2	16.0	18.4	21.6	12.0	8.6
5	15.7	15.3	15.7	14.8	15.2	15.7	13.4	14.6	15.4	17.4	17.7	19.8	22.7	18.2	17.3	20.2	20.1	19.1	18.4	16.6	19.5	18.9	19.2	17.2	17.4	22.7	13.4	9.3
6	17.6	16.0	15.9	14.0	14.8	13.0	13.2	14.0	15.4	16.5	17.4	17.1	16.8	16.0	15.4	17.5	14.4	14.1	12.6	12.5	11.7	12.5	11.8	12.2	14.7	11.7	5.9	
7	13.5	14.0	14.7	13.6	13.6	14.0	14.7	18.6	18.0	20.0	17.2	18.0	17.2	17.2	17.3	19.9	18.1	17.8	16.5	16.6	16.3	16.5	16.1	16.4	16.5	20.0	13.5	6.5
8	16.1	15.9	15.6	14.7	14.8	14.9	14.7	15.5	17.1	20.5	16.4	17.8	18.1	21.6	21.7	21.0	20.2	19.4	22.0	21.6	20.7	20.6	20.4	20.4	18.4	22.0	14.7	7.3
9	20.0	19.4	19.4	19.0	18.5	18.2	17.6	18.0	18.0	22.1	19.4	21.1	22.3	22.0	21.5	21.5	20.7	20.5	18.7	18.4	18.5	18.0	18.2	18.4	19.6	22.3	17.6	4.7
10	17.5	17.4	17.9	17.7	17.5	17.7	17.2	17.6	18.8	20.2	18.9	19.8	19.9	19.4	21.3	19.9	17.6	22.0	21.4	19.8	19.8	19.0	18.8	19.3	18.9	22.0	17.2	4.8
11	18.8	18.5	18.7	18.6	18.8	19.0	19.6	19.5	19.8	19.8	19.8	19.7	20.1	20.6	21.7	22.0	20.8	19.6	19.5	19.3	18.8	18.2	18.1	17.9	19.5	22.0	17.9	4.1
12	16.6	16.4	16.7	16.3	15.8	16.4	16.5	15.7	16.4	18.7	17.0	17.0	17.5	17.5	17.6	17.4	17.5	17.5	16.7	15.7	15.1	15.0	14.7	16.6	18.7	14.7	4.0	
13	15.0	14.6	14.8	14.6	13.8	14.3	14.7	15.8	16.8	21.8	17.3	18.3	19.8	19.5	20.3	20.6	19.2	18.5	18.8	19.0	18.9	19.8	20.0	19.4	17.7	21.8	13.8	8.0
14	15.2	14.3	13.8	12.1	12.0	12.1	12.9	14.4	14.9	17.9	16.9	17.5	18.9	19.6	17.4	19.6	20.2	20.3	19.8	19.5	19.5	20.5	19.8	20.0	17.0	20.0	12.0	8.8
15	15.6	13.2	12.1	12.9	13.1	13.9	15.0	15.4	15.3	17.4	17.8	18.4	20.3	19.8	19.2	19.3	19.6	21.9	22.0	21.6	21.7	21.9	20.4	19.8	17.8	22.0	12.1	9.5
16	18.2	16.5	15.9	15.5	15.2	15.4	16.1	17.0	18.4	19.9	20.6	21.6	21.8	22.2	22.1	21.0	20.1	19.7	19.5	18.1	18.9	19.5	18.9	19.1	18.8	22.2	15.2	7.0
17	18.5	17.7	18.5	16.8	17.0	17.7	18.1	17.8	19.7	20.5	22.9	21.8	21.6	21.9	22.2	22.2	22.2	22.4	20.7	20.2	20.1	19.4	19.2	20.0	20.0	22.9	16.2	6.1
18	19.2	19.1	19.3	18.6	18.6	18.6	18.6	19.4	19.1	19.4	19.0	19.3	19.1	19.5	20.3	19.1	19.8	18.8	19.0	19.8	19.4	18.9	19.1	19.5	19.2	20.3	18.6	1.7
19	19.3	19.0	19.0	19.2	19.0	19.1	19.0	19.1	19.0	20.0	19.8	20.0	20.0	20.0	20.0	20.0	19.0	19.1	19.0	18.8	18.7	17.9	17.7	17.8	19.3	22.6	17.7	4.9
20	17.9	17.4	17.7	17.2	17.1	17.6	17.5	18.0	18.4	21.5	19.6	21.9	23.6	24.5	22.7	21.7	21.2	20.4	19.6	19.0	18.0	19.3	18.3	17.7	19.5	24.5	17.1	7.4
21	16.8	16.8	17.1	16.3	16.4	17.0	16.1	17.3	18.5	22.5	20.9	22.0	24.7	25.6	23.3	22.2	22.9	22.3	22.0	21.0	20.7	20.5	19.2	19.6	20.1	25.6	16.1	9.5
22	18.2	18.0	18.5	18.0	18.2	18.8	17.7	18.7	19.2	22.5	20.2	22.8	21.8	22.1	21.9	21.4	20.4	19.7	21.2	19.5	19.2	18.9	18.3	18.2	19.6	22.5	17.7	4.8
23	18.4	18.2	18.7	18.4	18.4	18.7	19.0	20.1	18.9	24.4	22.3	22.3	25.9	26.8	24.8	23.6	23.8	22.8	20.1	20.3	20.1	20.0	20.2	20.2	21.1	26.5	18.2	8.3
24	19.4	18.4	18.5	14.6	14.4	13.6	13.7	14.6	15.4	17.5	19.4	19.3	22.8	24.1	23.4	25.0	22.9	20.6	18.9	18.8	18.6	19.8	19.7	20.5	18.9	25.0	13.6	11.4
25	19.7	19.0	19.9	19.5	18.9	18.6	18.7	19.0	19.9	21.0	19.5	20.7	22.0	23.0	22.9	21.4	20.0	18.8	18.8	19.0	18.6	17.9	17.7	17.9	19.7	22.0	17.7	5.3
26	17.2	17.4	17.9	17.7	17.4	17.6	17.4	17.2	17.5	18.1	16.9	18.0	19.5	22.3	21.6	21.3	20.2	19.7	18.8	18.0	16.8	16.7	16.8	16.5	18.3	22.3	16.5	5.8
27	16.0	15.4	15.8	14.8	14.6	14.8	14.7	15.6	16.5	18.7	18.1	19.9	21.2	24.0	21.0	19.0	19.8	19.2	18.1	17.9	17.2	17.4	17.5	17.8	24.0	14.4	9.4	
28	16.5	16.6	16.4	16.2	16.4	16.9	16.6	17.0	17.3	17.9	17.6	20.1	21.6	22.3	21.9	21.7	19.7	21.1	20.2	18.6	17.9	17.5	17.7	17.8	18.5	22.3	16.2	6.1
29	16.9	17.4	17.4	16.8	16.8	16.7	16.8	16.3	17.0	18.8	18.6	18.9	19.2	20.3	18.8	19.8	19.3	20.0	20.2	20.5	20.0	20.2	20.1	20.3	18.6	20.5	16.3	4.7
30	20.1	20.3	19.9	19.5	18.7	19.1	17.5	18.0	17.5	19.4	16.3	17.4	18.3	19.2	17.9	17.3	18.4	17.6	17.3	17.3	17.1	17.1	17.7	17.9	18.2	20.3	16.3	4.0
31	16.9	16.9	17.0	16.5	15.7	15.9	16.2	16.3	17.2	17.6	19.8	21.1	23.5	23.6	24.0	23.5	19.6	21.4	20.7	21.7	19.3	18.2	17.6	17.2	19.1	24.0	15.7	8.3

MEDIA

14 DEC 16.3	15.4	15.4	14.7	14.7	14.7	14.5	15.4	16.4	18.0	16.9	17.8	18.2	18.5	18.5	19.2	18.1	18.4	17.9	17.2	16.9	17.0	17.2	16.8	16.9	20.3	14.0	6.4
24 DEC 16.3	16.7	16.6	16.6	16.0	16.3	16.7	17.3	17.8	18.7	18.7	19.7	20.2	20.7	20.3	20.4	20.0	19.8	19.7	19.3	19.0	19.1	18.7	18.5	18.9	21.8	15.6	6.2
34 DEC 17.8	17.7	17.9	17.1	16.9	17.1	16.7	17.3	17.8	18.8	19.1	20.1	21.9	23.0	22.0	21.5	20.6	20.3	19.8	19.3	18.7	18.5	18.3	18.5	19.1	23.3	16.2	7.1
MES 17.2	16.7	16.7	16.0	15.9	16.0	16.0	16.7	17.4	18.2	18.3	19.8	20.2	20.8	20.4	20.4	19.6	19.5	19.2	18.6	18.2	18.2	18.1	17.9	18.2	21.8	15.3	6.5

AGOSTO 1979

TF-HEAD DE VAPOR

TF-HEAD DE VAPOR

TF-HEAD DE VAPOR

DIA	D1M	D2M	D3M	D4M	D5M	D6M	D7M	D8M	D9M	10M	11M	12M	13M	14M	15M	16M	17M	18M	19M	20M	21M	22M	23M	24M	M.O.	MAX.	MIN.	VAR.	
1	16.4	15.9	15.3	15.2	15.2	15.3	15.5	16.7	16.7	17.1	17.4	18.1	18.9	18.6	18.2	17.9	18.0	17.9	18.0	17.2	17.3	17.5	17.9	18.1	17.1	18.9	15.2	3.7	
2	18.3	17.9	17.2	16.3	16.5	16.7	17.1	18.2	19.0	17.4	15.0	20.4	22.0	21.3	21.4	20.7	20.4	20.8	22.5	22.2	22.1	22.0	22.9	21.6	19.8	22.9	16.3	6.4	
3	22.2	21.4	21.4	21.3	21.0	20.9	20.7	21.1	20.8	19.3	19.2	18.9	18.9	18.2	18.8	17.3	17.4	17.8	18.3	17.4	16.8	15.8	16.5	16.5	19.0	22.2	15.8	6.4	
4	16.2	15.7	15.7	15.4	14.1	16.0	15.4	15.5	16.4	17.4	18.4	18.4	18.9	19.3	19.4	19.6	15.0	18.5	16.3	18.4	18.2	17.4	17.7	17.5	17.3	17.0	20.2	15.4	4.9
5	16.0	15.7	15.6	15.2	15.5	15.8	14.8	15.1	15.3	16.1	16.4	17.7	18.5	19.3	18.6	17.9	18.7	18.8	18.2	17.6	17.0	16.2	15.2	15.5	16.7	17.3	14.8	4.5	
6	15.1	15.3	15.0	14.8	15.5	16.2	15.8	15.7	16.2	14.3	18.2	19.0	21.2	21.6	20.8	19.7	19.3	19.6	20.8	20.2	19.7	20.0	20.1	20.0	18.2	21.6	14.8	6.8	
7	19.0	18.7	18.6	17.8	17.9	18.1	17.3	17.7	19.0	18.9	19.0	20.0	20.0	19.9	19.5	20.5	19.9	20.5	21.8	20.9	20.5	20.8	20.5	20.5	19.4	21.8	17.3	4.5	
8	20.3	20.4	19.8	18.8	18.7	16.5	18.3	18.7	18.8	17.3	18.3	19.5	18.1	18.2	18.4	16.7	14.6	16.6	16.4	16.5	15.8	14.9	14.7	14.8	17.6	20.6	14.7	5.9	
9	15.1	14.4	14.6	15.5	15.6	15.8	15.4	16.2	16.4	16.4	17.1	19.2	20.6	21.6															



DIA	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	M.D.	MAX.	MIN.	VAR.		
1	17.3	17.3	17.2	17.3	17.3	17.4	17.4	17.4	17.9	18.9	20.4	19.4	18.4	20.7	19.7	19.7	20.2	20.1	19.0	19.9	20.2	20.9	20.7	20.0	19.0	20.9	17.2	3.7		
2	18.4	17.8	17.8	18.7	19.8	18.7	18.0	18.6	18.7	18.5	17.9	20.9	19.4	18.9	18.6	18.1	17.1	16.9	15.9	18.0	18.6	18.6	18.6	18.2	16.1	16.3	16.8	21.9	14.5	7.4
3	15.1	14.8	14.9	15.0	14.7	14.5	14.8	15.1	14.3	17.1	18.8	20.9	21.9	19.0	19.1	19.0	18.6	18.4	18.4	18.6	18.6	18.2	19.0	18.4	17.9	18.0	17.9	14.9	5.8	
4	16.2	16.0	15.8	16.0	15.8	18.2	14.9	15.2	16.3	17.8	19.0	19.9	18.3	18.4	20.7	20.2	19.7	20.1	18.7	19.9	19.1	19.7	18.0	18.4	16.4	16.4	17.1	18.3	15.2	3.1
5	18.1	17.9	17.8	17.1	17.1	17.1	16.4	16.0	15.7	18.2	16.8	16.5	17.9	17.9	18.2	18.3	17.3	16.9	18.2	17.7	16.9	18.2	17.3	17.8	16.4	16.4	17.4	18.8	15.7	3.1
6	16.6	17.1	17.3	18.6	18.2	17.9	18.3	18.4	18.7	18.2	18.8	18.4	16.6	16.7	17.8	17.1	18.3	18.7	17.0	18.7	17.3	17.8	17.8	16.4	16.4	17.4	18.8	15.7	3.1	
7	17.1	16.5	15.8	15.2	15.0	18.0	15.1	15.9	15.4	15.4	16.7	18.4	18.3	18.0	18.0	17.5	17.3	16.9	14.9	15.8	15.8	17.1	17.0	16.4	16.4	16.4	16.4	14.9	3.5	
8	16.0	16.0	16.0	16.0	16.0	16.8	15.5	15.6	16.0	15.9	16.6	17.7	18.7	19.5	18.6	17.1	18.3	17.1	17.1	16.3	16.3	17.3	17.0	16.3	16.8	19.8	15.5	4.0		
9	16.2	16.1	16.0	16.2	16.2	16.2	16.3	17.4	17.1	14.2	18.5	20.2	19.4	20.2	20.8	20.4	19.9	20.4	20.1	19.4	18.6	17.7	17.4	17.4	18.1	20.8	16.0	4.8		
10	18.0	16.8	16.9	17.7	18.7	18.8	19.1	19.6	18.8	20.1	21.0	22.1	21.3	22.1	23.3	22.8	21.3	20.4	21.7	21.3	21.2	19.7	19.6	18.4	20.0	23.3	16.8	6.5		
11	18.0	17.4	17.4	17.3	17.7	17.7	17.7	17.8	17.8	17.1	16.1	19.1	19.4	20.7	20.8	20.2	19.8	19.0	17.1	16.6	17.2	17.2	17.0	18.1	20.8	16.1	4.7			
12	17.0	17.0	17.0	17.1	17.0	17.1	17.3	17.7	17.7	16.7	17.3	17.8	18.5	18.5	17.9	18.9	18.6	18.5	17.7	18.0	17.4	18.2	18.1	17.1	17.5	18.6	16.5	2.1		
13	16.4	15.4	15.6	15.5	15.2	15.1	16.1	15.7	16.1	15.5	15.9	16.9	17.8	18.1	18.4	18.9	17.5	18.8	17.3	17.1	18.1	18.2	17.3	16.7	18.5	15.1	3.4			
14	17.1	17.7	17.8	18.2	17.8	17.2	16.8	16.7	17.8	19.8	20.2	18.9	19.2	18.7	17.6	18.4	18.7	21.1	22.2	21.8	20.6	20.8	20.1	19.0	18.9	22.2	16.6	5.6		
15	18.0	18.4	18.4	17.7	18.9	17.1	17.8	18.9	17.4	19.0	19.7	17.8	18.4	18.4	20.0	21.1	19.5	19.0	18.5	19.0	19.3	19.2	18.9	18.0	18.9	18.3	19.5	21.1	18.3	2.8
16	19.8	19.4	19.0	18.7	19.0	18.7	19.8	19.9	20.1	19.8	20.3	21.1	20.8	20.0	20.5	19.8	19.2	18.9	19.4	19.7	19.2	19.2	18.9	18.3	19.5	21.1	18.3	2.8		
17	18.8	18.3	18.2	18.3	18.3	18.3	18.4	18.3	18.7	17.7	18.7	18.0	18.8	17.1	17.2	16.1	18.0	17.7	18.0	17.6	18.0	17.9	18.0	17.5	17.7	16.8	16.1	2.6		
18	17.8	17.2	17.2	17.0	16.2	17.0	17.4	17.5	16.4	17.1	17.5	17.3	16.9	18.0	17.8	18.3	18.8	18.7	19.3	18.4	18.4	17.5	17.3	16.8	17.6	19.3	16.8	2.5		
19	17.0	17.0	16.0	16.2	16.6	16.6	16.4	16.3	16.7	16.3	16.6	16.4	17.1	17.1	17.0	16.7	17.5	16.4	17.8	16.9	16.0	15.7	17.1	16.5	16.6	17.8	15.7	2.1		
20	14.0	15.7	15.5	15.4	15.2	14.6	14.8	15.6	15.7	16.3	16.5	17.4	17.7	17.7	18.6	17.6	19.6	18.9	18.3	18.0	17.3	16.0	15.6	15.5	16.7	19.6	14.6	5.0		
21	16.4	15.5	14.9	14.6	14.1	13.1	12.9	12.6	12.9	13.3	13.2	13.4	14.1	14.2	13.3	12.4	12.8	12.9	13.1	12.8	12.7	12.9	12.9	12.5	13.5	16.4	12.4	4.0		
22	12.1	12.1	11.5	11.0	10.7	10.8	11.3	12.0	13.0	13.5	12.4	11.4	12.5	13.4	12.7	12.8	12.7	12.1	11.6	11.2	10.4	8.8	8.7	8.4	11.5	13.4	8.4	5.0		
23	8.3	8.1	8.2	7.7	8.1	7.9	8.3	8.4	8.4	9.6	8.6	8.5	8.3	9.1	10.0	10.5	9.9	10.4	11.1	11.7	11.4	11.4	11.3	10.7	9.4	11.7	7.7	4.0		
24	8.5	8.7	9.0	8.9	8.7	8.5	8.9	9.3	9.5	9.8	10.2	11.3	12.2	12.0	11.8	14.3	15.4	15.6	15.7	15.9	16.2	16.4	16.5	16.0	12.1	16.8	8.5	8.3		
25	15.5	12.9	14.0	13.6	13.0	12.6	12.5	13.0	13.2	13.2	12.3	12.8	12.4	12.4	12.4	13.0	13.9	12.7	12.4	11.5	11.4	12.1	11.7	12.2	12.0	11.6	13.9	9.4	4.8	
26	12.2	12.0	11.4	10.2	10.2	9.6	10.3	10.6	10.9	10.6	10.7	12.2	12.6	12.6	12.6	12.6	13.0	12.8	12.6	12.9	12.4	12.0	11.6	12.8	15.9	9.1	4.8			
27	12.2	12.3	12.1	10.7	10.9	11.0	10.8	11.2	12.8	14.0	15.8	14.2	13.6	15.4	15.0	13.7	12.3	14.5	15.1	15.8	14.4	14.0	13.5	13.4	13.2	15.5	10.7	4.8		
28	14.8	14.1	13.1	13.1	12.8	12.2	11.8	13.2	13.2	14.5	15.6	15.4	12.8	12.5	14.9	17.1	16.8	16.2	15.6	15.3	15.5	15.9	14.9	14.5	17.1	11.8	5.8			
29	14.8	14.7	14.2	14.0	14.0	14.3	14.3	14.4	14.4	14.8	14.8	15.8	16.6	16.7	17.1	16.2	15.4	13.7	14.7	14.7	14.7	14.4	14.4	14.2	13.8	14.9	17.1	13.7	3.4	
30	14.0	13.5	13.2	13.2	12.7	13.2	13.3	13.8	13.7	14.2	15.3	16.2	17.9	16.1	15.4	16.9	15.6	15.8	17.2	16.7	16.4	16.4	15.3	14.8	15.0	17.9	12.7	5.2		

M E D I A S

1a-DEC	16.9	16.4	16.5	16.8	16.8	16.7	16.6	16.9	17.1	17.3	18.4	19.3	19.0	19.1	19.5	19.0	18.6	18.2	18.0	17.9	17.6	17.9	17.5	17.2	17.7	20.3	15.6	4.7
2a-DEC	17.8	17.3	17.2	17.1	17.3	16.9	17.2	17.4	17.5	17.4	18.0	18.0	18.2	18.4	18.3	18.7	18.3	18.8	18.4	18.0	18.0	17.8	17.5	17.8	19.8	16.2	3.5	
3a-DEC	12.8	12.4	12.2	11.7	11.5	11.3	11.2	11.8	12.9	13.0	13.2	13.5	13.4	13.7	13.8	13.9	13.8	13.6	13.5	13.5	13.5	13.5	12.8	12.9	15.6	10.8	5.1	
MES	15.8	15.8	15.3	15.2	15.2	15.0	15.1	15.4	15.4	15.8	16.8	18.8	16.7	16.9	17.2	17.2	17.0	16.8	16.9	16.7	16.4	16.5	16.2	15.9	16.1	18.5	14.1	4.4

DIA	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	M.D.	MAX.	MIN.	VAR.	
1	14.4	14.5	14.2	13.8	13.6	13.1	12.8	12.8	13.8	14.1	14.5	14.6	15.7	15.6	14.5	15.2	16.3	16.8	16.8	15.1	15.3	14.8	14.9	13.9	13.9	14.4	16.5	12.6	3.9
2	12.8	13.2	13.4	13.0	12.7	12.5	11.8	12.6	12.8	13.6	13.2	14.9	14.6	17.0	17.7	18.1	18.6	17.5	17.4	17.2	16.3	15.8	15.6	14.9	18.6	11.6	7.0		
3	15.4	15.8	15.6	15.4	14.8	15.2	15.1	15.8	15.9	14.3	17.1	17.1	17.4	16.9	17.2	17.6	18.0	18.4	17.6	17.4	17.4	17.1	17.0	16.6	16.4	14.8	3.6		
4	16.5	16.3	16.2	15.4	15.1	14.7	14.6	15.2	15.4	14.5	14.3	14.5	14.8	14.5	14.3	15.0	14.6	14.6	14.2	14.4	14.5	14.2	14.0	14.8	16.5	14.0	2.6		
5	13.4	13.5	14.0	14.8	15.0	15.3	14.8	15.6	16.4	17.9	16.8	17.3	17.8	18.4	17.8	17.4	17.7	17.9	18.1	18.3	18.0	18.6	18.5	19.2	16.8	19.2	13.4	5.6	
6	19.3	20.0	19.6	19.9	19.6	19.2	19.0	19.2	19.7	19.8	19.4	18.8	19.7	19.2	19.4	19.7	19.0	17.2	17.0	17.1	16.5	16.0	16.0	15.8	18.6	20.0	15.8	4.2	
7	16.1	16.0	15.9	15.8	16.1	15.8	15.7	16.1	16.6	16.7	16.2	17.4	16.3	16.0	15.3	16.2	16.5	15.7	16.8	16.9	17.5	17.8	19.1	18.7	16.5	19.1	15.3	3.6	
8	18.9	19.7	20.5	20.4	20.5	20.3	21.0	18.3	20.7	21.1	20.4	20.4	20.6	20.7	19.0	17.5	18.0	17.8	18.1	18.4	18.7	18.2	18.0	17.7	19.4	21.1	17.5	3.6	
9	17.3	17.1	17.2	16.9	16.8	16.7	16.5	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	2.2
10	15.4	15.5	15.3	14.8																									



NOVEMBRE 1979

TENSAC DE VAPOR

DIA	01H	02H	03H	04H	05H	06H	07H	08H	09H	10H	11H	12H	13H	14H	15H	16H	17H	18H	19H	20H	21H	22H	23H	24H	M.D.	MAX.	MIN.	VAR.	
1	13.1	12.9	13.1	12.5	12.5	11.7	12.2	12.6	13.1	14.5	13.7	14.1	13.8	13.9	14.7	15.0	15.1	15.2	15.7	15.6	15.4	14.2	14.2	13.8	15.7	11.7	4.0		
2	14.7	13.8	13.4	13.3	13.2	13.2	12.9	13.4	13.4	14.4	14.7	14.7	14.9	17.6	18.0	18.1	17.3	16.7	17.3	16.5	14.6	14.0	13.8	15.0	18.1	12.9	5.2		
3	13.6	13.0	12.7	12.4	11.8	11.9	11.6	12.0	12.5	12.2	13.4	14.4	14.5	13.9	13.7	13.5	13.0	13.3	12.8	13.9	13.9	13.2	12.9	12.4	13.1	14.5	11.4	2.9	
4	12.2	11.5	11.5	11.0	10.4	10.2	10.3	12.0	12.7	11.4	13.8	14.4	14.2	14.6	15.9	16.3	17.2	18.0	14.9	14.9	14.7	14.3	14.3	14.2	13.4	17.2	10.2	7.0	
5	13.9	13.8	13.9	13.7	13.5	13.3	13.0	13.1	13.4	14.1	14.0	15.0	14.1	14.9	17.1	17.9	16.0	14.9	14.9	14.4	12.8	13.9	11.7	11.2	12.7	15.7	11.0	4.7	
6	13.5	13.6	13.4	12.2	12.2	11.8	11.4	11.0	11.5	11.8	12.2	14.2	15.7	14.2	12.9	12.3	14.2	13.9	12.5	12.3	12.3	11.9	11.7	11.2	12.1	12.1	14.1	9.9	4.8
7	11.1	10.8	10.6	10.3	10.1	9.9	10.0	10.2	10.1	10.7	11.5	12.4	12.7	13.1	12.6	14.4	14.7	14.6	13.9	13.3	12.9	12.9	12.9	12.9	12.9	12.1	12.1	9.9	4.8
8	12.8	12.5	12.5	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	11.9	1.2	
9	11.8	11.7	11.8	12.0	12.0	11.9	11.8	12.1	12.5	13.2	13.6	14.2	14.9	14.5	14.6	14.7	11.2	11.4	11.4	11.4	10.9	9.8	9.4	9.2	12.2	14.9	9.2	5.7	
10	9.0	8.7	8.4	8.7	8.1	7.9	7.4	7.7	9.1	8.2	9.9	9.4	10.1	10.0	9.8	10.0	9.0	10.4	10.4	10.3	10.0	9.4	9.0	8.7	9.2	10.4	7.4	3.0	
11	8.1	8.2	8.0	7.7	7.5	7.5	7.5	8.1	8.4	8.4	9.2	9.8	9.3	8.4	8.2	9.2	9.8	10.0	10.0	10.1	9.7	8.9	8.4	8.0	8.7	10.1	7.5	2.6	
12	7.9	7.6	7.3	7.2	7.1	7.2	7.1	7.4	8.5	8.2	7.9	8.8	10.5	11.2	11.4	11.6	13.1	11.1	12.4	13.0	13.2	14.0	14.6	15.5	10.2	15.5	7.1	8.4	
13	16.4	17.0	15.4	14.4	14.3	14.3	14.4	15.0	15.0	15.5	15.4	14.8	15.3	16.2	16.4	15.8	15.8	16.0	16.4	16.3	16.0	15.7	15.0	15.6	17.0	14.3	2.7		
14	14.7	14.5	14.7	13.3	14.4	15.3	15.7	16.1	16.2	16.1	15.7	15.7	14.8	13.8	15.3	14.8	13.3	12.4	11.3	10.9	10.9	10.4	10.3	10.4	13.7	16.2	10.3	5.9	
15	10.3	10.4	10.5	9.4	10.1	10.4	10.5	11.0	11.0	10.1	11.4	11.4	11.5	10.5	10.1	11.1	10.7	10.6	11.0	10.9	10.5	10.4	10.3	10.3	10.6	11.6	9.4	2.2	
16	5.7	5.6	5.4	5.1	5.1	5.1	5.0	5.5	10.2	10.4	10.4	11.2	10.8	10.6	10.9	10.7	12.0	11.3	11.3	11.5	11.8	11.5	11.7	11.8	10.5	12.0	9.0	3.0	
17	11.5	11.6	11.4	11.3	11.3	11.6	11.8	12.4	13.0	14.0	14.4	14.9	15.4	16.1	16.2	16.1	16.3	16.1	16.1	16.2	16.3	16.3	16.4	16.4	16.4	16.4	14.4	2.1	
18	16.3	16.2	16.1	15.7	15.6	15.5	14.8	14.4	14.4	14.3	15.0	13.9	13.8	13.4	13.3	13.1	12.7	12.7	12.5	12.3	12.4	12.4	12.4	12.4	14.0	13.2	12.2	4.1	
19	12.7	12.2	12.2	11.9	11.9	11.9	11.0	11.4	11.4	11.6	12.4	13.1	11.6	12.3	12.4	12.4	12.3	12.0	11.5	11.6	11.9	11.4	11.4	11.3	11.4	13.1	10.9	2.2	
20	10.2	10.2	10.2	9.9	9.9	9.9	9.9	9.9	10.1	10.5	11.3	12.9	15.8	15.8	16.4	15.1	14.1	13.6	13.3	13.3	12.8	11.6	10.9	11.1	12.0	14.4	9.9	4.5	
21	11.2	11.1	10.2	10.2	9.9	9.9	9.9	10.2	10.0	9.8	9.8	9.9	9.8	9.3	8.7	8.8	8.1	7.9	6.9	6.4	6.4	6.2	5.9	6.0	8.9	11.2	5.9	5.3	
22	5.9	6.2	6.3	5.8	5.5	5.3	6.0	6.2	6.5	6.9	7.3	7.7	7.9	8.2	8.4	8.7	7.9	7.5	7.4	7.1	6.9	7.0	7.1	7.0	8.7	5.8	2.9		
23	6.8	6.6	6.9	6.5	6.2	6.2	6.1	6.4	7.1	7.3	7.4	8.1	9.0	9.2	9.4	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	3.7	
24	7.9	7.6	7.5	7.2	6.7	6.8	6.8	7.0	7.1	7.4	7.4	8.7	9.2	9.5	9.7	9.7	9.0	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	2.9	
25	7.4	7.2	7.0	6.6	6.2	6.8	6.4	6.7	7.0	7.3	7.9	8.7	9.2	9.5	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	3.3	
26	7.1	6.8	6.9	6.4	6.2	6.8	6.4	6.7	7.0	7.3	7.9	8.7	9.2	9.5	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	3.8	
27	8.0	7.6	7.5	7.1	6.7	6.5	6.5	6.3	6.9	7.2	8.4	8.4	10.4	10.3	10.1	10.3	11.2	9.9	9.8	8.9	8.9	8.7	7.4	8.7	8.4	10.4	6.3	4.1	
28	7.6	7.2	7.3	7.0	6.9	6.8	6.6	6.8	7.2	8.0	8.7	8.7	10.0	10.7	10.2	11.0	11.0	10.2	9.1	8.2	7.9	7.4	7.5	7.5	8.3	11.0	6.4	4.4	
29	7.5	7.9	7.9	7.4	7.1	7.1	6.8	6.4	7.7	8.4	10.7	11.3	10.0	11.0	11.6	11.1	10.8	10.2	9.1	8.2	7.9	7.4	7.5	8.3	11.0	6.4	4.4		
30	8.9	9.0	8.8	8.4	8.4	8.1	8.5	8.2	8.1	8.5	8.8	9.6	10.4	12.0	12.1	12.0	12.3	12.2	12.5	12.1	12.0	12.1	10.2	10.4	9.9	10.2	12.5	8.1	4.4

MEDIA S

1A-DEC	12.5	12.2	12.2	11.8	11.4	11.4	11.3	11.4	12.1	12.3	13.0	13.8	14.3	14.3	14.3	14.5	14.1	13.8	13.8	13.5	13.1	12.4	12.4	12.2	12.9	15.2	10.9	4.3
2A-DEC	11.7	11.8	11.5	11.0	11.1	11.2	11.2	11.5	11.4	11.8	12.2	12.7	12.9	12.8	13.0	13.1	13.0	12.5	12.5	12.6	12.4	12.3	12.2	12.2	12.1	14.5	10.2	4.3
3A-DEC	7.8	7.7	7.6	7.3	7.1	7.1	7.0	7.1	7.5	8.0	8.2	9.0	9.7	9.9	9.9	10.0	9.6	9.7	9.3	9.1	8.7	8.1	8.0	7.9	8.4	10.5	6.5	4.0
MES	10.7	10.6	10.4	10.1	9.9	9.9	9.8	10.1	10.4	10.7	11.3	11.7	12.3	12.3	12.4	12.5	12.2	12.0	11.9	11.8	11.5	11.0	10.9	10.8	11.1	13.4	9.2	4.2

DECEMBRE 1979

TENSAC DE VAPOR

DIA	01H	02H	03H	04H	05H	06H	07H	08H	09H	10H	11H	12H	13H	14H	15H	16H	17H	18H	19H	20H	21H	22H	23H	24H	M.D.	MAX.	MIN.	VAR.	
1	9.5	9.4	9.3	9.3	9.3	9.3	9.3	9.2	9.4	10.2	11.0	10.4	11.2	12.8	12.1	12.0	11.8	12.2	11.7	11.8	10.5	9.9	9.7	10.0	10.5	12.4	9.2	3.4	
2	9.7	10.1	9.1	9.0	8.9	9.0	8.7	8.9	9.0	9.8	11.3	11.1	12.1	12.8	12.9	12.9	13.1	13.4	12.5	12.4	11.8	11.5	10.2	10.4	10.9	13.4	8.7	4.7	
3	9.3	9.3	9.1	8.8	8.5	8.6	8.3	8.1	8.5	8.0	9.0	11.0	11.6	12.3	13.7	13.1	13.4	13.4	12.0	12.0	11.8	10.8	10.8	10.5	13.7	8.0	5.7		
4	9.3	9.3	9.1	8.8	8.3	9.1	8.2	8.9	8.7	9.8	9.4	10.4	11.5	11.5	12.2	12.5	13.1	12.1	13.0	12.0	11.1	10.4	10.0	9.8	10.1	10.6	13.7	8.0	5.0
5	9.4	9.4	9.5	9.2	8.9	9.0	8.3	8.1	8.8	9.1	10.2	11.2	11.7	12.0	11.4	11.2	11.9	12.5	11.1	10.8	10.1	9.3	9.4	9.3	10.1	12.5	8.1	4.4	
6	9.1	8.9	8.9	8.8	8.3	8.2	8.0	7.5	8.9	8.4	9.9	10.3	11.3	11.0	10.6	11.2	11.4	12.9	11.3	11.0	9.9	9.6	9.3	9.1	9.7	12.9	7.5	5.4	
7	9.7	9.9	10.4	10.7	10.1	10.3	11.0	10.2	10.4	9.9	10.4	11.3	11.3	11.2	11.6	11.2	11.8	12.6	12.2	12.2	12.3	12.3	11.7	11.7	11.1	12.6	9.7	2.9	
8	11.9	11.9	12.4	12.1	12.4	13.0	13.7	14.4	14.1	14.5	14.7	14.6	15.1	14.7	14.6	14.7	14.5	14.5	14.0	13.8	13.4	13.2	12.8	12.9	13.7	15.1	11.9	3.9	
9	12.7	12.7	12.9	13.0	13.1	13.3	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	2.1
10	15.2	15.3	15.2	15.2	15.0	14.6	14.5	14.9	14.8	15.0	15.5	16.4	16.4	16.8	16.8	16.2	16.2	16.2	16.4	16.4	16.4	16.3	16.3	16.4	16.4	16.4	16.4	16.4	4.0
11	14.5	14.5	14.2	14.4	14.2	14.2	14.7	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	2.5	
12	15.2	15.0	15.5	14.9	14.7	14.7	14.7	15.0	15.2	15.8	16.2	16.4																	







MARÇO 1979

UMIDADE RELATIVA (%)

DIA	01H	02H	03H	04H	05H	06H	07H	08H	09H	10H	11H	12H	13H	14H	15H	16H	17H	18H	19H	20H	21H	22H	23H	24H	M.D.	MAX.	MIN.	VAR.		
1	93	94	94	89	94	94	96	97	98	98	98	78	67	63	60	57	58	63	67	74	79	82	86	90	91	80	97	57	40	
2	92	92	94	95	96	97	98	99	98	98	98	74	64	59	49	43	42	48	58	64	71	74	75	85	84	91	77	99	49	67
3	93	93	95	94	95	91	94	91	87	87	87	59	54	54	51	49	58	60	64	78	86	89	90	92	95	78	95	49	66	
4	96	98	98	98	98	98	99	100	100	92	71	69	64	64	63	68	67	75	83	86	86	90	93	93	85	100	63	37	46	
5	92	92	91	93	95	94	97	97	98	98	98	82	87	85	79	80	84	88	92	94	94	97	98	98	98	92	98	79	19	
6	94	99	98	98	98	98	98	98	98	98	94	82	94	98	94	96	91	93	94	97	97	98	98	99	99	97	99	91	8	
7	99	99	99	99	99	99	99	99	99	98	94	94	93	88	85	79	68	73	72	75	77	79	85	84	88	89	99	98	21	
8	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	21
9	93	94	95	94	96	98	98	99	100	93	78	64	63	60	57	54	46	40	52	57	62	68	70	72	82	90	92	92	28	
10	97	92	95	97	98	100	100	99	99	88	78	70	67	64	67	71	75	84	89	91	89	90	90	93	86	100	64	24		
11	95	96	98	98	99	99	99	94	91	74	70	64	61	62	61	68	71	77	82	85	85	90	94	95	83	95	61	38		
12	94	96	97	97	97	97	98	94	100	49	74	71	67	63	60	59	60	64	63	88	91	92	93	95	85	100	59	41		
13	95	95	95	96	97	98	98	94	93	80	72	68	68	68	64	68	71	72	72	74	78	83	89	91	83	98	65	33		
14	89	89	90	94	95	98	97	97	97	83	81	70	64	59	61	60	60	64	66	74	81	83	85	89	80	98	69	39		
15	91	87	88	88	92	91	89	85	83	77	67	69	78	61	60	63	71	70	76	84	87	91	93	95	93	98	63	32		
16	96	96	97	97	98	98	98	97	94	96	90	82	88	84	84	81	84	82	90	93	94	95	94	97	97	93	98	63	22	
17	97	94	93	94	98	98	96	94	92	82	82	92	92	95	94	96	88	81	79	84	90	85	88	91	92	92	98	81	17	
18	93	92	92	90	92	92	88	94	95	85	84	90	94	95	88	89	78	81	87	93	95	94	94	92	92	98	78	20		
19	93	94	94	96	97	98	98	93	90	82	81	87	87	74	74	80	70	78	84	88	92	92	92	95	98	98	70	28		
20	94	95	95	95	97	97	97	96	96	85	84	91	71	79	68	66	76	80	90	94	92	96	95	95	89	97	66	31		
21	96	94	94	95	97	97	97	94	92	79	73	79	91	90	74	67	63	70	76	84	85	88	88	90	85	97	63	34		
22	90	90	90	89	91	92	90	85	83	72	67	65	65	64	70	74	75	82	90	91	91	91	91	93	82	93	64	29		
23	95	93	95	96	96	96	94	94	94	81	75	83	92	93	93	84	91	94	95	95	96	97	98	98	93	98	75	23		
24	96	91	92	91	91	92	91	87	88	84	88	99	91	92	94	95	95	94	97	97	96	94	93	94	93	97	86	11		
25	93	93	94	97	98	98	97	95	93	81	78	71	70	68	65	71	72	78	89	94	94	94	95	96	86	98	65	33		
26	95	96	96	96	94	93	97	98	98	88	82	78	64	64	67	65	64	69	76	79	80	85	84	90	83	98	65	28		
27	93	93	94	95	96	97	95	99	87	84	88	86	80	82	80	84	84	94	93	84	86	86	84	85	89	97	80	17		
28	94	95	95	90	95	96	94	94	93	78	72	57	57	59	57	58	67	72	81	83	83	81	81	81	80	94	57	29		
29	83	84	86	90	94	92	94	90	87	68	61	54	55	52	53	54	63	63	60	69	74	77	82	78	81	74	94	52	42	
30	87	85	86	90	89	91	88	77	76	67	68	68	58	54	60	62	69	69	78	77	77	75	75	76	74	91	53	38		
31	80	83	83	84	88	89	92	80	74	61	69	64	66	50	57	61	61	64	72	80	83	85	85	89	92	92	66	46		

M E D I A S

1A-DEC	94	94	95	95	97	97	98	97	96	85	77	79	70	67	66	67	63	74	82	85	87	90	92	93	85	99	63	36
2A-DEC	94	93	94	95	96	97	96	95	93	85	81	80	77	74	72	72	73	78	82	87	89	91	93	94	87	98	68	26
3A-DEC	91	91	91	92	94	94	94	90	88	77	71	69	70	70	70	70	72	78	84	84	86	87	86	88	83	94	64	31
MES	93	93	93	94	95	96	96	94	89	89	76	74	72	71	69	70	71	78	83	84	87	89	90	92	85	97	65	32

ABRIL 1979

UMIDADE RELATIVA (%)

DIA	01H	02H	03H	04H	05H	06H	07H	08H	09H	10H	11H	12H	13H	14H	15H	16H	17H	18H	19H	20H	21H	22H	23H	24H	M.D.	MAX.	MIN.	VAR.	
1	90	88	91	96	92	94	92	84	87	74	67	60	58	60	61	61	62	65	74	80	82	88	94	90	79	99	58	+1	
2	89	90	92	96	96	95	94	94	93	84	81	74	74	70	68	74	74	74	80	85	90	93	92	94	93	86	96	68	20
3	92	92	93	96	97	95	94	92	89	70	62	64	62	74	71	82	82	80	80	84	88	90	91	93	86	97	70	27	
4	95	95	95	92	92	92	96	94	94	89	78	78	94	86	95	96	95	95	95	95	95	95	95	95	92	98	75	23	
5	96	96	96	96	98	98	96	94	95	80	68	61	54	52	50	54	58	62	70	74	80	84	84	90	79	95	50	+8	
6	97	94	97	97	97	97	94	90	70	64	58	54	48	51	57	59	61	63	65	68	68	80	88	92	76	98	48	50	
7	97	92	94	93	92	91	88	80	76	60	57	51	40	40	37	36	38	43	48	53	61	56	59	48	64	34	56	58	
8	98	97	96	98	98	91	75	70	65	54	55	54	94	92	88	98	96	98	94	92	99	94	90	88	84	98	56	+2	
9	80	92	92	90	94	90	92	94	90	92	96	84	78	74	78	74	72	80	84	84	82	82	80	84	94	72	22		
10	80	81	81	81	82	82	84	80	90	91	94	88	82	78	70	80	84	83	90	98	95	95	91	95	84	98	70	28	
11	95	99	99	98	96	95	92	92	89	77	72	64	74	66	64	62	64	69	93	93	85	91	91	89	84	99	62	37	
12	99	92	93	91	93	93	90	87	78	65	65	67	60	59	60	88	91	95	94	91	84	84	84	82	96	59	37		
13	84	84	80	88	90	83	85	84	88	90	84	96	95	82	82	80	84	88	86	88	90	91	92	92	88	96	80	16	
14	92	94	95	98	96	98	96	86	74	70	60	53	52	54	61	60	68	63	70	77	83	86	90	78	98	52	+6		
15	91	88	88	94	94	96	96	84	86	74	58	54	52	52	55	58	62	66	76	80	83	88	90	98	78	96	52	+4	
16	95	97	98	94	96	90	80	78	86	69	60	55	54	54	54	56	53	55	66	80	84	90	94	94	75	98	53	+5	
17	94	98	99	100	100	100	100	98	93	83	73	67	62	56	56	56	57	58	62	72	73	88	91	93	81	100	56	44	
18	93	93	93	91	76	64	55	54	53	53	50	44	40	37	35	33	30	28	45	49	56	60	59	60	50	98	54	65	
19	98	91	93	94	95	95	94	93	93	90	88	84	80	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84
20	83	90	93	97	96	96	96	90	78	68	58	44	42	40	38	34	42	50	53	57	64	67	74	80	83	55	63	34	+9</



MAIO 1979

UMIDADE RELATIVA (%)

DIA	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	M.D.	MAX.	MIN.	VAR.	
1	94	95	95	95	94	93	89	87	85	73	66	61	54	53	53	57	60	64	72	79	80	83	84	86	77	95	52	43	
2	89	83	83	82	95	94	86	73	47	64	58	55	54	54	55	57	59	59	66	73	74	84	87	88	73	95	52	49	
3	94	94	96	96	97	98	96	92	88	78	40	54	51	50	50	50	52	54	64	73	77	82	84	88	74	98	49	41	
4	91	93	95	95	96	97	96	83	75	54	51	45	42	44	45	45	49	50	57	69	77	83	84	88	71	97	41	36	
5	92	93	93	92	74	57	53	52	52	49	47	44	43	38	36	44	45	46	50	53	60	71	83	84	61	93	35	38	
6	93	94	95	91	92	93	88	84	83	73	66	65	59	54	54	53	61	62	70	78	82	85	85	86	77	95	53	42	
7	90	92	91	92	92	91	84	77	77	65	40	63	60	62	63	60	63	62	68	75	78	81	82	82	75	93	58	35	
8	89	93	93	92	92	95	92	85	80	47	60	57	52	52	53	53	55	62	70	77	82	87	90	91	74	95	51	44	
9	95	96	96	96	98	98	94	84	77	43	55	50	49	48	48	53	58	60	68	76	83	84	89	91	74	98	47	31	
10	93	96	98	96	99	100	98	97	89	69	62	54	47	47	47	46	47	48	53	60	63	72	75	78	72	100	44	34	
11	84	83	81	71	69	60	53	45	42	39	37	35	34	33	31	30	30	35	39	42	46	53	57	61	50	85	30	35	
12	73	72	71	64	66	64	56	53	50	42	35	31	30	29	32	33	36	36	40	44	47	54	61	65	50	74	29	45	
13	73	73	72	58	65	61	52	49	47	42	40	35	33	35	34	35	35	36	40	41	47	56	62	69	74	32	41	41	
14	58	53	46	43	56	55	50	46	49	40	34	29	24	24	29	32	37	44	52	58	61	65	70	47	74	26	48	48	
15	77	81	82	87	91	90	79	73	71	76	70	63	52	55	55	57	61	64	79	90	93	89	85	80	78	93	51	42	42
16	82	83	84	84	85	85	84	81	80	77	74	70	68	67	67	63	65	64	69	72	79	85	90	91	77	91	42	29	
17	94	94	92	90	90	90	88	89	89	81	64	67	65	64	63	60	59	65	73	79	83	87	88	80	94	58	36	44	
18	93	94	95	95	95	95	88	76	64	40	53	49	56	62	64	62	62	69	90	93	95	95	96	95	84	95	47	48	48
19	95	96	97	97	97	97	90	86	82	75	84	80	86	84	88	94	94	93	91	92	94	94	94	94	95	91	97	73	24
20	95	96	96	96	96	96	93	85	79	68	68	63	65	63	63	63	63	63	68	76	79	83	83	83	77	96	56	40	
21	83	82	81	82	81	81	82	81	85	88	89	94	88	83	90	93	92	92	89	89	90	94	96	97	88	97	80	17	48
22	97	98	98	98	97	96	94	87	83	74	65	62	59	57	55	55	52	57	64	68	73	79	84	89	77	95	52	44	
23	92	92	93	94	96	96	96	93	91	88	91	95	94	95	94	86	74	71	76	82	86	87	94	95	90	96	71	25	45
24	95	96	97	97	98	98	96	86	80	67	64	63	61	55	55	57	60	65	69	73	80	81	84	87	78	98	52	46	46
25	90	92	92	92	94	89	84	75	73	71	68	71	78	86	82	74	73	74	73	76	81	92	94	95	83	95	46	29	46
26	95	96	96	97	97	97	96	94	94	89	79	71	84	87	84	84	79	80	82	91	94	92	92	95	89	97	71	26	46
27	94	95	96	96	97	97	97	97	97	97	97	98	98	97	96	96	96	97	97	98	98	98	98	98	97	98	94	4	44
28	99	98	98	97	95	94	92	88	83	77	75	70	68	74	81	77	75	77	85	87	89	87	87	84	85	99	64	35	45
29	85	86	85	88	88	89	88	90	91	88	90	94	85	86	82	86	85	76	82	82	83	85	88	84	86	99	73	26	46
30	93	93	96	96	97	96	94	92	87	72	70	64	60	59	64	63	64	67	70	78	83	89	92	93	81	98	40	40	40
31	95	97	98	98	99	100	98	92	78	55	48	43	48	51	54	54	57	58	59	59	74	79	85	89	91	75	100	41	59

M E D I A S

1A+DEC	97	94	94	94	93	92	88	82	77	65	59	55	51	50	50	50	55	57	64	72	76	81	85	87	73	96	48	41	48
2A+DEC	87	83	84	81	81	79	74	68	65	61	58	53	52	54	55	55	56	57	61	68	71	74	77	79	68	87	47	41	41
3A+DEC	93	93	94	94	94	95	93	90	84	79	74	74	74	75	77	76	74	74	78	82	85	88	91	92	84	95	46	32	32
MES	89	90	91	90	90	89	85	80	76	69	65	61	60	60	61	61	62	63	68	74	78	82	85	86	76	94	54	40	40

JUNHO 1979

UMIDADE RELATIVA (%)

DIA	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	M.D.	MAX.	MIN.	VAR.	
1	93	94	96	96	96	96	91	79	74	63	62	54	56	55	56	54	58	57	68	75	79	84	91	93	76	96	52	44	44
2	94	95	95	94	96	98	91	82	74	64	59	57	52	43	40	44	50	54	63	74	82	85	84	87	74	98	40	38	38
3	90	92	95	94	94	92	88	80	73	68	66	64	59	53	51	52	49	49	60	65	75	88	89	90	74	95	48	47	47
4	91	95	93	88	89	83	77	72	67	62	57	57	54	53	53	54	60	70	76	81	87	90	91	75	96	52	44	44	
5	92	94	95	96	96	98	97	94	90	77	68	60	54	52	53	54	56	56	65	78	81	87	89	90	78	100	52	44	44
6	91	94	96	96	98	99	95	90	83	74	67	62	57	55	50	50	51	53	57	65	69	74	81	84	78	100	52	44	44
7	91	91	86	67	65	66	63	58	57	50	47	44	44	41	38	40	41	42	44	51	58	65	72	75	58	91	49	50	50
8	82	84	84	80	92	92	82	73	65	60	58	56	49	41	32	38	40	43	51	59	72	80	84	84	86	98	92	32	32
9	84	88	88	89	92	92	90	85	83	75	73	71	70	68	67	72	74	73	78	78	81	79	78	74	79	92	67	25	25
10	74	76	76	77	78	78	74	70	69	65	65	67	68	65	65	67	67	67	69	79	81	83	86	85	73	89	64	25	25
11	92	95	96	96	96	95	86	72	67	57	57	59	79	85	86	84	78	82	80	85	91	89	91	92	83	96	57	39	39
12	97	91	91	89	91	90	88	90	89	77	74	67	65	64	64	67	70	72	74	80	84	93	92	92	81	93	63	31	31
13	91	90	90	91	95	94	91	85	83	72	66	60	57	57	60	62	63	68	74	79	81	87	88	89	78	94	56	40	40
14	91	91	93	92	90	89	92	93	90	74	64	62	59	58	63	63	62	62	67	77	80	84	89	92	78	94	57	37	37
15	94	95	95	96	97	98	96	84	81	71	63	60	55	52	52	54	56	57	71	79	83	84	89	92	77	98	52	44	44
16	94	94	95	94	94	94	78	57	53	44	40	34	34	34	31	31	38	43	49	55	60	59	35	31	57	95	31	44	44
17	32	33	33	35	35	34	34	35	35	34	34	32	30	27	24	24	24	24	30	33	40	44	44	44	34	44	25	21	21
18	47	51	47	52	61	56	53	47	47	44	41	39	37	32	29	34	40	41	45	59	72	80	84	85	51	85	29	56	56
19	90	91	92	92	92	92	84	74	64	54	48	43	43	40	40	44	44	45	50	55	59	63	61	52	68	98	92	24	24
20	90	90	90	90	90	90	92																						



1979

HUMIDADE RELATIVA (%)

Table with 28 columns (01H to 24H, M.D., MAX., MIN., VAR.) and 31 rows of humidity data for 1979.

M E D I A S

Summary table for 1979 with 4 columns: M.D., MAX., MIN., VAR.

1979

HUMIDADE RELATIVA (%)

Table with 28 columns (01H to 24H, M.D., MAX., MIN., VAR.) and 31 rows of humidity data for 1979.

M E D I A S

Summary table for 1979 with 4 columns: M.D., MAX., MIN., VAR.



SEPTEMB 1979

NUMTODAF RELATIVA (1)

DIA	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	n-D.	MAX.	MIN.	VAR.		
1	43	93	92	94	94	92	92	88	84	74	70	61	50	54	54	40	44	70	84	88	93	94	92	79	94	50	44			
2	46	83	85	90	96	91	84	84	80	70	40	57	49	50	81	54	54	42	70	73	76	80	84	72	94	42	47			
3	48	90	92	94	94	94	92	84	81	73	48	58	52	42	44	45	44	47	50	53	57	70	77	82	70	94	42	52		
4	44	88	90	94	94	94	92	84	83	74	72	49	49	44	48	50	54	43	79	82	91	99	98	97	78	99	44	53		
5	44	95	94	94	94	94	90	88	84	78	72	47	40	54	57	59	41	44	40	84	88	94	88	90	60	94	54	40		
6	41	91	91	98	97	97	94	95	94	80	70	44	52	50	50	52	54	42	73	79	94	94	90	90	81	98	49	49		
7	48	98	94	94	94	94	94	90	83	79	44	40	52	50	50	52	54	47	42	73	79	94	94	94	94	78	98	50	48	
8	44	94	94	94	94	94	92	90	87	74	70	44	58	54	50	49	54	41	74	84	90	98	97	94	80	98	49	49		
9	44	94	94	97	97	97	94	92	87	79	40	54	47	45	48	50	54	58	42	48	49	48	70	74	73	97	45	52		
10	44	84	84	88	88	88	84	84	77	74	48	55	58	57	61	64	64	72	80	90	94	94	94	94	79	94	57	39		
11	44	94	94	94	98	100	100	100	99	99	80	73	47	44	40	42	44	44	78	84	90	94	94	94	85	100	60	40		
12	44	94	94	94	94	94	94	92	92	91	84	78	73	44	42	40	42	44	44	78	84	87	94	94	94	83	94	60	34	
13	93	92	95	97	94	94	94	90	87	74	49	41	58	54	54	59	45	74	80	84	90	93	91	79	97	94	42	42		
14	41	94	94	99	98	98	94	90	87	84	74	70	44	42	40	41	74	85	92	89	91	88	44	84	98	40	39			
15	42	85	87	82	84	84	84	84	84	70	40	54	47	50	47	40	40	58	58	64	70	78	84	84	91	72	91	47	44	
16	44	99	98	94	98	98	98	94	84	84	44	74	44	42	45	43	48	72	82	84	89	94	95	94	84	94	99	42	37	
17	95	94	94	94	94	94	94	94	88	84	44	74	54	54	57	53	48	71	82	84	88	90	94	94	82	98	98	53	42	
18	48	97	97	94	95	95	94	95	90	88	84	84	84	84	75	71	45	43	47	78	95	84	88	90	92	91	84	98	43	36
19	47	92	92	88	89	91	91	90	84	83	74	68	65	43	41	89	57	45	70	83	84	88	84	90	94	80	94	57	37	
20	44	94	94	94	94	98	98	98	94	88	74	68	64	43	43	42	40	72	75	83	88	88	84	88	94	82	94	60	38	
21	48	97	94	94	94	94	94	90	87	70	42	59	57	52	49	50	57	44	72	78	78	84	84	84	85	77	90	49	49	
22	44	89	91	87	82	84	85	80	77	70	40	55	51	53	54	54	40	43	45	67	63	85	84	88	69	91	81	40	40	
23	47	43	45	42	70	48	49	44	89	48	40	28	32	34	39	42	44	48	62	70	72	74	81	83	84	81	38	45	45	
24	54	51	53	53	54	54	57	51	80	44	40	39	38	37	48	58	44	74	80	84	94	99	98	99	99	97	62	42	42	
25	48	98	98	98	98	98	84	49	89	80	40	34	24	24	25	44	48	50	54	54	61	47	70	73	44	94	24	74	44	
26	74	75	72	44	52	48	53	50	44	40	34	33	30	29	29	34	40	42	44	50	57	58	62	48	50	74	29	47	47	
27	72	74	79	74	74	78	77	44	88	50	48	39	34	37	34	35	38	52	42	48	72	74	78	80	61	80	34	44	44	
28	40	94	89	94	94	98	94	87	81	82	84	78	60	54	53	51	89	61	72	82	88	94	94	94	94	94	94	51	47	
29	99	98	98	100	100	100	100	100	100	84	78	73	60	54	48	49	52	42	74	82	84	92	95	95	83	100	48	52	42	
30	99	98	98	98	94	98	98	98	98	98	78	68	64	40	40	44	44	44	70	88	92	94	94	99	99	83	99	44	53	

M E D I A S

14-DEC	91	91	92	94	94	94	92	88	84	78	48	41	53	51	52	54	57	41	70	74	82	88	89	89	77	97	49	47	
24-DEC	93	94	94	94	95	95	94	93	88	79	73	44	43	40	40	40	45	49	80	84	87	91	92	92	82	97	58	38	48
31-DEC	43	84	84	82	82	82	82	74	79	42	54	51	45	43	42	47	52	58	67	72	74	79	82	84	43	92	40	52	42
MEB	49	90	90	90	91	90	89	85	81	79	46	40	54	51	51	53	58	43	72	74	82	84	88	84	74	95	49	44	44

OUTUBR 1979

NUMTODAF RELATIVA (1)

DIA	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	n-D.	MAX.	MIN.	VAR.	
1	44	100	100	100	100	100	99	97	94	78	49	44	57	53	49	54	44	47	74	83	84	92	93	94	82	100	49	51	
2	47	99	100	100	100	100	97	92	80	58	51	48	44	50	57	45	70	77	84	92	94	93	95	94	81	100	44	50	
3	47	98	98	98	98	98	92	90	88	83	74	74	74	79	92	95	98	97	99	100	100	99	99	92	100	70	30	30	
4	44	98	98	98	98	98	94	84	89	77	71	72	49	42	44	48	70	72	80	85	88	89	89	88	84	99	60	39	
5	44	83	85	40	93	94	88	84	87	97	91	89	90	94	94	94	94	92	93	94	95	95	94	92	97	82	18	18	
6	48	100	100	100	100	100	100	99	99	90	84	89	91	95	94	85	84	80	89	93	94	91	91	90	93	100	78	22	
7	43	93	94	92	95	94	94	92	88	78	72	73	43	42	58	45	68	44	72	74	82	88	98	94	81	94	58	38	
8	44	94	98	93	95	93	97	94	45	89	87	90	90	82	74	78	80	80	84	91	94	93	94	94	90	97	74	23	
9	43	93	94	95	94	94	92	89	88	82	43	54	90	84	87	88	87	83	89	98	94	97	97	98	91	98	80	18	
10	48	98	98	97	97	94	95	91	49	83	79	74	49	48	59	45	71	79	86	93	94	93	95	94	84	98	59	39	
11	95	93	94	95	91	98	91	87	44	87	91	94	83	74	74	91	94	94	94	94	94	93	94	94	91	92	70	28	
12	97	94	95	94	97	98	98	97	48	94	95	92	91	94	97	94	97	98	98	97	95	94	97	98	94	99	90	9	
13	97	94	95	97	98	98	98	93	88	95	91	84	95	84	84	94	95	93	93	90	91	95	97	98	94	98	82	16	
14	47	98	98	47	94	95	94	40	40	41	84	89	89	90	79	84	90	95	98	98	98	98	98	98	93	99	77	22	
15	44	94	94	94	98	99	100	100	100	99	99	99	99	99	98	97	98	98	98	98	98	98	98	94	98	98	100	93	7
16	95	95	95	47	99	100	100	99	48	92	82	74	74	73	74	80	83	92	94	94	94	96	97	98	90	100	70	30	
17	94	99	99	99	98	98	91	88	81	74	73	70	40	59	53	56	67	73	80	83	85	90	89	89	81	99	53	44	
18	41	74	68	75	74	73	75	72	48	45	59	55	55	51	52	53	57	58	63	68	44	71	70	71	45	89	51	38	
19	49	47	44	43	44	43	45	44	44	49	57	59	40	44	43	45	46	47	74	82	82	88	74	78	68	88	56	32	
20	73	74	80	80	88	94	95	97	49	97	93	90	94	92	92	93	86	85	83	84	82	80	82	84	87	99	70	29	
21	43	84	87	41	92	94	94	91	44	90	84	84	87	89	88	88													



DECEMBER 1979

NUMEROS RELATIVI (%)

Table with 28 columns (01A-24H) and 30 rows of numerical data representing relative numbers.

M E D I A S

Summary table with 28 columns (14-DEC to FEB) and 3 rows of average values.

DECEMBER 1979

NUMEROS RELATIVI (%)

Table with 28 columns (01A-24H) and 30 rows of numerical data representing relative numbers.

M E D I A S

Summary table with 28 columns (14-DEC to FEB) and 3 rows of average values.



JANEIRO 1979

DIRRECCAO E VELOCIDADE DO VENTO

DIA	-1H	1=2H	2=3H	3=4H	4=5H	5=6H	6=7H	7=8H	8=9H	9=10H	10=11H	11=12H	12=13H													
1	N	3	NW	2	SW	4	NW	6	NNW	4	NNW	8	W	5	S	4	S	2	S	6	E	7	SE	9	E	12
2	N	5	E	2	S	2	C	0	NE	3	C	0	SSE	2	C	0	C	0	C	0	C	0	W	2	S	3
3	S	5	S	13	S	23	S	24	S	2R	R	2R	S	24	S	22	S	21	SW	28	SW	29	SW	20	NNW	17
4	N	5	NNW	6	NNW	9	NNW	5	W	4	NNW	3	NNW	7	NNW	4	NNW	3	S	5	S	3	NW	5	NNW	8
5	SE	2	S	4	S	5	S	5	N	4	SSE	2	SSW	3	SSE	4	S	3	C	0	S	7	SW	5	SSW	2
6	SSW	4	SE	5	E	11	ESE	14	ESE	26	FRF	17	S	7	W	6	WSW	2	SSW	4	E	11	ESE	12	ESE	17
7	E	20	E	21	E	22	ESE	30	ESE	23	F	21	F	20	E	22	E	23	E	29	ESE	33	ESE	35	SE	38
8	NE	3	ESE	5	NE	8	NNE	2	ESE	7	FRF	4	ESE	9	ESE	8	ESE	5	SW	3	S	7	S	3	S	5
9	S	5	C	0	C	0	C	0	SSE	2	C	0	S	2	C	0	C	0	C	0	C	0	NW	6	N	10
10	N	2	NNW	3	C	0	S	2	S	2	S	4	S	4	S	6	C	0	SSE	3	S	3	C	0	NNW	3
11	NNW	8	NNW	6	NNW	13	NNW	6	NNW	13	NNW	4	NNW	9	NNW	11	NNW	4	NNW	8	NNW	9	NNW	10	NNW	10
12	NNW	8	NNW	10	NNW	5	NNW	8	NNW	12	NNW	7	N	5	NNW	3	C	0	C	0	N	3	NNW	3	N	14
13	N	5	C	0	C	0	C	0	C	0	SSE	4	C	0	S	4	S	5	S	3	S	7	S	3	C	0
14	SW	4	SW	4	SW	4	SW	5	SW	2	SSE	4	SSE	4	SSE	3	SSW	4	SSW	3	SE	11	SE	16	SE	16
15	ENE	16	ESE	11	SSE	4	SSE	9	SE	20	FRF	22	SE	25	ECF	24	ESE	21	SE	20	SE	22	SE	23	SSE	17
16	SE	4	SE	4	SE	3	E	5	ESE	7	FRF	4	FSE	5	SF	3	SSW	4	SSW	5	S	8	S	13	S	10
17	SE	4	E	3	SE	6	E	8	SE	5	FRF	4	FSE	7	SSE	4	E	5	SE	15	SE	10	SSE	16	SE	18
18	SE	22	SE	25	SE	21	SE	18	SE	17	SSE	1R	SSE	10	SSE	13	SSE	9	SSE	8	SSE	12	SSE	17	S	22
19	SSE	13	SSE	10	SE	3	ESE	7	ESE	2	NNW	8	NNW	10	NNW	10	NNW	7	NNW	17	NNW	17	NNW	17	NNW	17
20	S	5	SSE	6	S	5	SSE	7	S	7	SSE	7	S	7	S	8	S	7	S	10	S	10	S	10	S	7
21	NE	3	NE	9	E	14	ESE	19	ESE	20	FRF	23	ESE	17	SF	36	SE	40	SE	33	SE	34	SE	33	SE	29
22	SE	22	SE	10	FSE	4	E	4	NNW	10	N	7	N	8	N	11	N	10	NNW	8	NNW	5	NNW	9	NNW	8
23	S	2	S	2	SSW	4	S	4	SSW	6	SSE	7	S	6	SSE	8	SSE	4	S	6	SSE	5	SSE	5	S	2
24	SSE	6	SE	18	SSE	8	SE	8	SE	13	RF	10	SE	29	SE	38	SE	39	SE	44	SE	44	SE	44	SSE	21
25	SF	19	SE	20	SSE	16	S	5	SE	8	SSE	4	SSE	3	SRE	2	SSW	2	S	7	S	7	SSE	4	NW	3
26	S	19	S	23	SSW	20	SSW	13	SW	14	RW	1R	SW	17	SW	15	SW	10	SW	13	SW	14	SSW	8	SSW	14
27	SW	14	SSW	11	S	13	S	14	S	16	RW	21	SSW	15	SW	16	SW	19	SW	28	SW	18	NW	9	NW	10
28	NNW	11	NNW	8	NNW	9	NNW	7	NNW	10	NNW	12	N	8	N	4	NNW	2	C	0	NNW	5	NNW	8	NW	14
29	SW	8	W	5	SSE	8	S	8	S	5	RF	7	WRW	6	SRE	7	SSE	6	NW	5	SSW	4	WSW	7	NW	4
30	C	0	C	0	C	0	S	2	S	3	S	4	SW	2	SF	2	C	0	SSE	4	S	2	C	0	NW	3
31	SSW	4	SW	5	SSW	8	SSW	6	SSW	6	RRW	7	SSW	9	SRW	8	SE	6	SSE	9	SSE	13	SSE	10	SSE	10

M F D T A S

1A-DEC	5+4	6+1	8+4	8+8	10+2	8+4	8+3	7+8	5+9	7+8	10+0	9+7	11+5
2A-DEC	10+1	7+9	6+4	7+3	8+5	8+4	8+2	8+3	6+6	8+9	10+9	12+8	13+1
3A-DEC	9+8	10+1	9+5	8+2	9+8	10+4	11+8	13+4	12+5	14+3	13+7	12+5	10+7
MES	8+5	8+1	8+1	8+1	9+5	9+3	9+5	9+9	8+5	10+5	11+6	11+7	11+7

FEVEREIRO 1979

DIRRECCAO E VELOCIDADE DO VENTO

DIA	-1H	1=2H	2=3H	3=4H	4=5H	5=6H	6=7H	7=8H	8=9H	9=10H	10=11H	11=12H	12=13H													
1	S	29	S	31	S	38	S	36	S	42	S	39	S	38	S	39	S	32	S	37	S	28	S	22	S	18
2	S	20	S	17	S	18	SW	16	W	20	W	1R	W	16	W	13	W	12	W	12	W	11	W	13	W	15
3	N	3	N	6	N	5	N	6	N	10	NNW	4	N	3	N	5	N	6	NW	4	NW	7	N	W	6	6
4	N	14	S	18	S	12	S	20	S	18	SSW	14	S	19	S	15	SW	12	W	9	WSW	9	SW	10	W	13
5	NNW	15	NNW	12	NNW	8	N	9	N	8	W	A	R	5	S	4	S	7	S	5	S	8	S	13	S	17
6	S	4	SW	7	SW	7	SW	6	S	6	R	1R	S	13	S	13	S	14	SSW	15	SSW	14	SSW	15	SSW	16
7	S	5	SW	9	SW	13	SW	14	W	9	NNW	4	NW	9	NW	9	NNW	8	NW	4	NNW	5	NNW	4	N	6
8	S	17	S	17	S	19	S	22	S	27	S	30	S	27	S	26	S	27	S	30	S	27	S	25	S	24
9	S	17	S	18	S	18	S	23	S	28	R	2R	S	27	S	38	S	28	S	30	S	26	S	25	S	27
10	S	23	S	17	S	23	S	23	S	24	S	2R	S	2R	S	39	S	52	S	49	SSW	35	SSW	20	SSW	20
11	S	13	S	5	NW	4	NNW	12	NNW	7	NNW	7	N	4	C	1	C	0	NW	3	NW	5	NW	7	NW	6
12	S	13	SW	15	S	17	S	25	S	21	SW	7	SW	6	N	8	W	10	W	12	W	10	W	23	NW	16
13	SW	15	SSW	18	SSW	20	SW	20	W	20	NNW	29	NW	20	NW	14	NW	14	NW	20	NW	15	NW	20	NW	18
14	S	41	S	34	SW	12	SSW	12	NNW	18	W	14	W	27	WSW	16	W	17	NNW	24	NNW	23	NW	23	NW	29
15	NNW	15	N	17	NNW	18	N	17	N	20	N	17	N	15	N	13	N	22	NNW	16	NNW	19	NNW	14	NNW	20
16	N	7	N	8	N	7	N	3	NNE	3	N	P	NNE	2	NNW	4	NNW	4	N	6	N	5	N	16	N	14
17	SE	6	SSE	5	SSE	3	S	8	SE	9	SSE	4	SE	7	SF	6	S	7	S	9	S	11	S	11	S	8
18	SSE	16	SSE	15	SSE	13	SSE	16	SSE	15	SSE	1R	SSE	15	SSE	15	SSE	12	SSE	14	SSE	13	SE	10	SSE	15
19	C	0	C	1	NNW	2	C	1	NNW	3	NNW	4	NNE	3	N	2	N	2	N	2	S	3	S	7	NW	7
20	C	0	C	1	C	1	C	2	SSE	4	R	R	N	4	N	2	SL	4	N	3	SSE	6	S	11	S	8
21	SSE	4	S	3	S	4	S	2	SSE	4	SSE	4	SSE	3	S	3	SSW	6	SW	4	SSW	2	NW	2	NW	3
22	N	7	N	7	N	6	N	6	E	2	C	0	SE	2	NF	3	NE	2	C	0	SE	4	E	9	E	15
23	SE	9	SE	13	SE	7	SE	4	SE	6	NNE	4	FSE	7	E	9	E	12	ESE	20	SE	8	ESE	12	SSE	16
24	ESE	19	ESE	16	ESE	20	ESF	13	E	21	F	14	F	15	E	22	E	20	ESE	14	SE	12	SSE	10	SSE	9
25	SE	8	SE	13	SE	11	SE	16	SE	7	F	7	FSE	17	E	10	ESE	11	SE	10	SE	8	SE	11	SE	8
26	E	8	ESE	8	F	8	E	5	SSE	5	RF	4	E	4	E	8	SSE	4	E	10	E	15	SE	12	E	6
27	SSE	2	SSE	3	S	6	SSE	4	S	4	R	A	S	4	S	6	S	6	S	6	S	7	S	5	NW	4
28	SSE	5	SSE	4	S	2	C	1	S	4	S	A	NW	10	NW	2	N	2	WNN	2	NNW	8	NNW	13	NNW	11

M F D T A S

1A-DEC	14+7	15+2	16+1	17+5	19+2	18+4	1R+5	20+1	19+7	19+7	16+7	15+4	16+2
2A-DEC	2+6	11+9	9+7	11+6	12+0	9+6	9+4	8+1	9+2	10+9	12+3	14+2	14+1
3A-DEC	7+8	8+6	8+0	6+4	6+6	6+8	6+9	7+9	8+3	8+3	8+0	9+3	9+0
MES	2+0	12+1	11+5	12+2	13+0	12+1	12+0	12+3	12+6	13+3	12+6	13+2	13+4



1-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	V-MED	V-MAX	R-MAX	DP,TD
ESE 12	SE 17	SSE 7	E 5	SSE 6	RF 6	SE 5	SE 6	ESE 5	SSE 8	E 4	6+4	SE 17	32	SE 5
SE 15	NE 11	N 2	SE 4	NNE 3	R 4	SE 3	R 3	S 8	S 7	S 4	2+6	S 8	17	S 7
NNW 9	NNW 9	NNW 12	NNW 5	E 2	R 4	S 8	R 10	SE 4	S 7	ENE 2	5+8	NNW 12	37	NNW 10
SE 17	E 19	E 17	E 19	E 22	F 23	F 23	F 22	E 21	E 22	ESE 25	15+3	ESE 26	56	E 11
ESE 33	SE 27	SE 30	SE 34	SE 29	F 13	E 11	FSE 13	SE 13	E 7	E 7	23+1	SE 38	68	E 12
S 3	SE 3	NNW 6	NNW 6	NNW 7	N 6	N 3	C 0	C 0	C 0	C 0	+3	ESE 9	24	+ 4
N 13	N 14	N 10	N 12	NNW 7	N 7	N 11	N 11	N 9	N 7	N 7	5+5	N 14	34	N 11
N 6	NN 6	NN 7	NNW 5	NN 8	NN 7	NN 10	NN 9	NNW 12	NNW 9	NNW 7	+9	NNW 12	38	NN 7
NNW 10	NNW 8	NNW 5	NNW 10	NNW 6	NNW 7	NNW 8	NNW 4	NNW 4	NNW 5	NNW 10	7+9	NNW 13	44	NNW 24
N 12	NNW 11	NNW 12	N 11	N 5	NNW 9	N 7	N 4	N 5	N 9	N 7	6+8	N 14	35	+ 11
N 8	N 9	N 9	N 7	N 8	N 4	C 0	C 0	C 0	SE 2	SSE 7	3+5	N 9	22	C 9
N 6	SSE 12	SSE 16	SSE 13	SE 12	RE 18	SSF 5	RF 27	SE 29	SE 36	SE 20	11+6	SE 36	56	SE 9
N 14	SE 19	SE 14	RF 7	ESE 12	FRE 7	SSF 5	SE 7	SE 4	SE 3	SE 3	13+8	SE 25	43	SE 12
SE 7	E 5	SE 9	SSE 7	FSE 7	RE 5	SE 2	SSW 3	C 0	SSW 5	SSW 6	5+5	S 13	23	SE 6
S 14	SE 11	SSE 8	SSE 5	E 7	FRE 8	SSE 6	SE 5	SE 17	SE 30	SE 32	10+4	SE 32	47	SE 12
S 21	S 20	S 14	SE 7	SE 10	RE 7	SE 13	RE 7	SSE 7	SSE 11	SSE 9	14+4	SE 32	50	+ 10
NNW 19	NNW 18	NNW 18	NNW 10	NNW 2	C 0	S 2	C 0	C 0	S 4	S 6	9+0	NNW 19	47	NNW 13
S 6	SSE 12	SE 9	ESE 4	NE 3	R 9	C 0	FSE 7	ESE 8	E 7	ENE 4	6+6	SSE 12	21	S 11
SE 34	SE 36	SE 34	SE 26	SE 31	RF 39	C 0	SE 31	SE 22	SE 23	SE 26	26+6	SE 40	64	SE 10
NNW 14	NNW 9	NNW 7	NNW 5	NNW 8	N 4	C 0	C 0	C 0	S 3	S 2	7+0	SE 22	39	NNW 10
SSW 9	SSW 12	S 14	SSE 11	SSE 5	RF 4	SE 6	RF 4	SE 11	SE 20	SE 14	7+2	SE 20	38	+ 7
SSE 29	SE 29	SSE 24	SSE 23	SSE 21	RF 24	SSF 19	RF 20	SSE 18	SE 20	SE 17	24+2	SE 44	67	SE 15
C 3	+SH 5	+SH 6	SSE 5	SW 8	R 6	S 11	R 12	S 14	S 15	S 16	8+2	SE 27	34	S 9
NNW 14	SSW 9	SSW 11	SSW 10	S 10	R 10	S 8	SSE 11	SSE 8	SSE 7	SSE 11	12+7	S 23	40	SSW 8
N 7	N 7	NNW 9	NNW 10	NNW 7	NNW 8	NNW 5	NNW 9	NNW 9	NNW 10	NNW 11	12+3	SW 28	55	NNW 9
N 14	N 13	NNW 7	NNW 6	NW 4	NW 4	+SW 3	R 6	E 6	ESE 4	C 0	7+0	NW 14	39	NNW 8
N 5	N 8	NNW 9	NNW 4	NW 5	NW 5	+C 0	S 5	S 4	C 0	C 0	5+2	NNW 9	27	+ 4
NNE 6	N 5	N 8	NE 5	C 0	C 0	S 2	C 0	S 2	S 3	S 4	2+4	N 8	20	+ 8
SSE 13	SSE 13	SSE 6	SSE 3	SSE 3	RV 9	R 5	S 20	S 26	S 33	SSE 31	10+7	S 33	49	SSE 10

NOTA: O SIMBOL + SIGNIFICA QUE EXISTEN DATS EN MATE RUMPS DIFERENTES

1-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	V-MED	V-MAX	R-MAX	DP,TD
S 16	S 13	S 10	S 11	SSE 8	SSE 10	SSF 9	SSE 12	S 11	S 19	S 19	23+3	S 42	72	S 20
N 12	NNW 14	NNW 15	NNW 10	NNW 10	NW 6	NW 7	NW 8	NW 8	NW 9	NW 6	12+8	+ 20	48	N 10
NNW 4	NNW 4	NW 4	NW 4	NW 4	SW 4	SSW 3	RF 6	S 8	S 10	S 13	5+7	S 13	37	NN 16
SW 16	SW 20	SW 22	SW 22	SW 22	WRW 20	+SW 18	- 18	- 19	+ 16	N 18	16+5	SW 22	57	SW 9
SW 16	SW 16	SW 17	SW 16	SW 15	RW 14	SW 10	RW 12	SW 8	SW 7	SW 6	10+6	+ 17	6	SW 12
SSW 17	SW 20	SSW 19	SW 15	NW 13	NW 8	SW 3	RW 4	SSE 5	SSE 4	S 5	10+7	SW 20	42	SW 8
N 10	SW 8	SW 8	SW 8	SE 8	R 18	S 25	R 28	S 27	S 22	S 18	11+8	S 28	47	S 7
SW 18	S 18	S 26	SSW 18	SSW 20	R 17	SSE 18	S 24	S 24	S 21	S 20	22+6	S 30	54	S 20
S 23	S 22	S 23	SSW 17	SSW 18	RSW 14	SSW 14	RSW 15	S 13	S 14	S 20	21+9	S 38	75	S 19
+SW 21	SSW 21	SSW 23	SSW 25	S 26	R 24	S 21	S 18	S 18	S 15	S 14	25+4	S 52	86	S 17
NW 6	NW 8	NW 7	NW 9	NW 7	NW 6	+SW 6	SW 6	+SW 5	+SW 7	SW 8	6+2	S 13	35	NW 11
NW 21	NW 19	NW 15	NW 13	NNW 4	NW 14	+NW 6	+NW 7	W 8	SW 9	SW 14	13+5	S 25	66	N 7
NW 18	NW 15	NW 18	NW 14	NW 10	W 5	S 4	R 8	S 15	S 24	S 26	16+4	S 26	63	NW 12
NW 25	NW 23	NW 22	NW 19	NW 18	NNW 20	NNW 16	NNW 16	NNW 18	NNW 16	NNW 20	20+7	S 41	87	NW 7
NNW 22	NNW 25	N 24	N 24	N 18	N 17	N 20	N 16	N 14	N 11	N 7	17+5	NNW 25	63	N 14
N 21	N 19	N 14	N 16	N 13	NE 7	FNE 10	F 7	ESE 6	SSE 4	SSE 5	8+6	N 21	42	N 14
SSW 7	SSW 6	SSW 5	SW 3	SW 2	SSE 5	SSE 7	SSE 7	S 15	SSE 13	SSE 14	7+4	S 15	23	SSE 8
SSE 13	SSE 11	SSE 13	SE 7	E 3	NNW 9	NE 2	NNW 4	NNW 4	NNW 3	NNW 2	10+4	SSE 16	26	SSE 15
NW 9	NW 8	NNW 10	NNW 13	NNW 12	NNW 9	NNW 5	C 0	C 1	S 2	S 2	+5	NNW 13	30	NNW 8
S 4	C 1	NW 6	NW 6	NNW 8	N 8	N 5	N 4	C 1	C 1	SSE 6	+3	S 11	16	+ 6
NNW 13	N 30	N 32	N 26	N 17	N 17	N 20	N 8	N 8	N 5	N 8	9+1	N 32	62	N 10
E 19	E 15	E 18	E 16	E 19	F 23	E 22	FSE 21	SE 8	SE 7	SE 8	10+0	E 23	40	E 10
SSE 8	NNE 4	NNE 8	NNE 10	NE 9	N 9	N 10	N 7	NE 10	E 6	SE 9	9+0	ESE 20	43	SE 7
N 3	NE 4	N 8	NE 6	ENE 10	N 10	F 7	F 10	SE 6	E 2	SE 7	11+9	E 22	54	E 7
ENE 12	ENE 11	E 13	ENE 12	E 13	F 17	E 26	E 25	E 21	E 15	E 15	13+4	E 26	54	E 10
NF 12	E 16	NNE 14	NNE 11	E 13	NNF 9	N 10	N 11	N 9	N 4	S 2	8+9	E 16	39	E 10
NNW 5	NW 6	NW 7	NW 7	NW 7	NNW 5	NW 2	C 0	C 0	SSE 4	SSE 3	+5	+ 7	19	S 9
N 24	N 28	N 25	N 16	NNW 6	NNW 7	NW 2	NNW 7	N 3	N 4	N 6	8+3	N 28	74	N 8

NOTA: O SIMBOL + SIGNIFICA QUE EXISTEN DATS EN MATE RUMPS DIFERENTES



MARÇO 1979

DIRECCAO E VELOCIDADE DO VENTO

DIA	1-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H	
1	N	3 N	3 S	1 NNE	2 ENE	2 RF	1 SE	2 S	1 N	1 N	3 NNW	12 N	16 NNW	21
2	SSE	3 N	2 SSE	2 SSE	4 SE	5 RF	4 S	6 S	7 SSE	7 S	4 N	2 ESE	5 NNE	6
3	SSE	5 S	5 S	3 S	6 S	4 RRF	7 R	2 S	5 SSE	5 S	4 SSE	2 SSE	5 NNE	3
4	RF	3 SSE	2 SSE	2 SSE	3 SSE	2 RF	3 SSE	4 RF	8 SSE	6 S	6 S	4 NNW	10 NNW	12
5	NW	1 C	0 NNE	3 C	0 S	1 SSE	1 C	0 SF	1 C	0 SSE	2 SSE	2 NW	1 NW	3
6	NNW	1 NW	4 NNW	2 E	2 SSE	4 RF	7 SSE	5 SW	3 SW	4 SW	12 SW	9 SW	11 NW	8
7	SSE	1 C	0 SE	3 NNW	1 NW	3 N	4 N	2 S	4 NNW	3 N	13 N	11 N	6 ENE	1
8	SE	4 SSE	3 S	4 S	4 SE	4 R	5 S	6 E	4 S	5 SSE	9 S	4 SE	5 SSE	13
9	SSE	1 SSE	1 SSE	2 SSE	3 SSE	2 RF	1 SE	3 SSE	3 SSE	5 N	8 NNW	10 NNW	10 NNW	10
10	E	1 S	1 SSE	1 SSE	2 SSE	2 SSE	3 S	4 S	5 SE	7 SSE	9 NNW	6 NNW	6 NNW	12
11	NNW	4 NNW	1 NW	2 NNW	4 NNW	5 N	1 NNE	1 N	4 NNW	4 N	11 NNW	12 NNE	11 NNW	15
12	E	1 C	0 SE	2 SSE	4 S	4 R	9 SSE	2 SSE	2 S	1 NNW	3 SSE	3 NW	5 W	5
13	C	0 SE	2 SSE	1 SSE	1 C	0 C	0 NW	3 SF	3 C	0 W	2 NNW	7 NW	5 NW	11
14	SSE	9 SSE	12 SSE	12 SSE	12 SSE	8 RF	R NNW	12 NW	17 NW	16 NNW	21 NNW	24 NNW	26 NNW	30
15	NW	5 NNW	4 NW	2 NNW	3 NW	1 NNW	2 N	1 C	0 NNW	6 N	7 NW	12 NNW	9 NW	12
16	SSE	12 SSE	16 SSE	16 S	16 S	16 R	8 ESE	4 SF	6 S	9 SW	7 SW	10 NW	6 SW	8
17	SSE	9 SSE	12 SSE	12 SSE	14 SW	10 R	9 SSE	14 SF	12 SE	11 SSE	17 SSE	14 SE	12 S	9
18	SSE	12 SE	12 SE	13 SSE	15 SE	15 R	14 SSE	19 S	13 SW	5 NNW	7 SSE	13 SSE	15 SSE	9
19	SF	4 N	5 NNE	4 NW	5 SSE	4 SSE	R SE	9 SSE	13 SSE	11 SSE	8 S	8 SSE	6 SSE	7
20	SSE	13 S	14 SE	5 SW	11 SW	4 RF	4 SW	8 SSE	8 SE	10 S	12 SW	11 SW	9 SW	12
21	SSE	6 SSE	12 SSE	6 N	9 ENE	7 SSE	4 S	5 SE	6 SSE	6 SSE	8 SW	6 NNW	8 NNE	15
22	SSE	12 SSE	12 SSE	12 SSE	16 SSE	16 SSE	14 SSE	18 SSE	25 SSE	19 S	19 S	25 S	26 S	27
23	S	21 S	16 SSE	13 SSE	8 S	7 SF	4 S	4 SSE	4 SW	6 SW	10 SW	9 SW	12 SW	10
24	SW	6 SW	11 S	14 S	16 S	14 R	17 S	23 S	27 S	30 SSE	35 S	38 S	35 S	32
25	S	33 S	38 S	35 S	29 SW	17 SW	14 SW	11 SW	11 SW	11 SW	12 SW	14 SW	14 SW	14
26	SW	11 SW	11 SW	8 S	5 SW	8 SW	10 SW	9 SW	2 W	3 NNW	3 NW	9 NW	9 NW	14
27	C	0 C	0 NW	3 SE	3 S	1 RF	4 S	4 SSE	5 SE	2 W	3 NNW	9 W	9 W	9
28	N	14 NNW	10 NW	9 NNW	7 NNW	11 NW	13 NW	13 NW	19 NW	10 NW	15 NNW	22 NNW	22 NNW	25
29	NNW	4 NW	3 C	0 C	0 N	1 NW	3 C	0 C	0 NNW	3 NNW	13 NNW	20 NNW	19 NNW	21
30	NNW	6 NNW	5 N	4 NNW	1 N	1 N	1 N	2 NNW	4 NNW	6 N	17 NNW	15 NNW	19 NNW	19
31	NNW	8 N	13 N	12 NE	6 NNE	8 NW	R NNW	2 SSE	4 S	4 SE	2 SW	3 NW	6 NNW	12

M E D I A S

1A-DEC	2+3	2+1	2+3	2+7	3+1	3+4	3+4	4+3	4+3	6+7	5+9	7+5	8+9
2A-DEC	6+9	7+8	6+9	8+5	6+9	5+7	7+5	7+8	7+3	9+6	11+4	10+4	11+8
3A-DEC	11+0	11+7	10+5	9+1	8+3	8+8	8+5	9+7	9+3	12+4	15+3	16+3	18+0
MEB	6+9	7+4	6+7	6+8	6+2	6+0	6+5	7+4	7+0	9+6	11+0	11+5	13+1

ABRIL 1979

DIRECCAO E VELOCIDADE DO VENTO

DIA	-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H	
1	N	7 NNW	3 N	3 C	0 SE	1 R	1 SSE	1 SRF	1 SSE	2 NW	4 NW	7 NNW	12 NNW	17
2	N	1 C	0 C	0 C	0 C	0 C	0 C	0 NW	2 NW	2 NW	4 NNW	5 NNW	11 NW	15
3	NW	2 W	3 W	2 WSW	2 WSW	3 W	4 NW	4 NNW	6 NW	9 NW	14 NW	15 NW	12 NW	14
4	S	3 SW	4 SW	4 WSW	4 WSW	5 SW	6 WSW	6 WSW	7 NW	5 NW	4 NNW	9 W	13 NNW	12
5	W	1 C	0 S	1 SSE	1 S	7 S	7 S	8 S	8 S	7 N	5 N	13 N	12 N	12
6	SW	1 S	4 SSE	3 S	3 SSE	5 SRF	1 SSE	3 C	0 S	2 NW	2 NW	4 NW	6 NNW	6
7	SSE	5 SE	5 S	9 SW	3 SW	5 NW	4 S	7 S	8 NW	2 S	7 SW	6 SSE	6 SE	10
8	SSE	10 SSE	6 S	8 SSE	15 SSE	18 SSE	20 SW	5 S	12 SSE	19 ESE	25 SSE	21 SSE	22 SSE	22
9	S	18 S	14 S	19 S	25 S	26 R	31 S	32 S	30 S	20 S	34 S	37 S	29 S	28
10	S	23 S	23 SW	23 SW	23 S	25 S	24 S	25 S	25 S	25 SW	20 SW	18 SW	19 SW	18
11	SSE	5 SSE	8 SSE	5 SSE	5 SSE	19 RF	R SSE	5 SW	5 SW	8 SW	13 WSW	15 W	13 W	13
12	S	16 SSE	15 SSE	16 S	14 S	16 R	17 S	19 S	19 S	23 S	24 S	25 S	25 S	31
13	SSE	14 S	21 S	27 S	31 S	36 R	34 SSE	44 SRF	35 SE	30 SSE	29 S	22 S	10 NNW	7
14	NW	2 C	0 S	1 NNW	3 SSE	2 F	R R	2 SSE	3 NW	2 N	10 NNW	13 NNW	18 NW	18
15	NW	1 N	2 NNW	7 NNW	2 SSE	1 C	0 C	0 E	1 N	4 NNW	13 NNW	17 NNW	13 NNW	11
16	C	0 SE	3 S	4 S	7 ENE	3 RRF	4 N	1 SF	2 E	7 E	8 SE	10 SE	6 NNE	6
17	C	0 C	0 SSE	3 SSE	4 SE	4 SF	9 SSE	3 C	0 NW	5 NW	6 NW	7 NNW	8 NNW	8
18	SSE	5 SSE	10 S	3 NW	2 NNW	6 NNW	R E	10 ENE	19 E	11 SE	9 ENE	14 E	15 E	13
19	E	23 ENE	24 NNE	7 ESE	8 SE	12 SRF	14 SE	14 SF	11 SE	18 ESE	10 ESE	13 E	14 ENE	10
20	S	4 WSW	1 C	0 S	6 S	5 N	1 C	0 C	0 SSE	2 ESE	2 ESE	4 ESE	10 NNE	8
21	C	0 C	0 C	0 C	0 C	0 RRF	3 ESE	1 N	3 N	1 N	2 N	7 NNW	10 NW	15
22	NNW	4 N	2 NW	2 NW	3 NNW	2 N	4 N	6 N	9 N	9 N	13 N	10 N	14 N	16
23	C	0 C	0 C	0 C	2 C	0 C	0 C	0 C	0 N	3 NNW	8 N	10 NW	7 NW	7
24	NW	5 NW	3 NW	6 NW	9 NW	7 NW	R NW	7 NW	11 NNW	11 N	8 NNW	15 NNW	21 NW	14
25	N	1 C	0 C	0 NNW	1 N	2 C	0 NNE	1 N	1 NW	10 NW	10 NNW	17 N	16 N	14
26	N	3 N	5 N	5 N	10 N	10 N	7 N	10 N	10 N	11 N	16 N	15 NNW	17 NNW	17
27	N	6 N	3 N	5 E	24 E	31 F	24 E	15 N	8 SSE	14 SE	14 E	12 ENE	10 NE	10
28	E	32 E	28 E	24 E	14 E	14 RRF	19 SE	9 SF	15 ESE	10 E	10 E	15 ENE	15 NE	14
29	C	0 C	0 NNW	1 C	0 C	0 C	0 C	0 N	3 NNW	4 S	5 NW	4 NW	9 NNW	13
30	S	3 NW	3 NW	5 W	5 ENE	5 S	3 SE	3 NW	4 N	4 W	3 WSW	6 NNW	11 NNW	10

M E D I A S

1A-DEC	7+1	6+2	7+2	7+6	8+9	10+8	9+0	9+9	8+9	12+1	12+9	14+3	15+4
2A-DEC	7+0	8+4	7+6	8+2	10+4	9+8	9+8	9+5	11+0	12+3	13+9	13+1	12+5
3A-DEC	5+4	4+4	5+1	6+8	7+1	6+3	5+2	6+4	7+7	8+9	11+1	13+0	13+0
MFB	6+5	6+3	6+6	7+5	8+8	8+4	8+0	8+6	9+2	11+1	12+6	13+5	13+6



14-14H	14-15H	15-07H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	V-MED	V-MAX	R-MAX	DP-TD
NNW 18	NNW 19	NNW 19	NNW 19	NNW 19	NNW 18	NNW 7	NNW 8	NNW 5	N 1	SSE 2	8.3	NNW 21	32	NNW 11
W 10	W 12	NNW 11	NNW 18	NNW 18	NNW 14	NNW 3	C 0	C 0	SW 1	SSE 4	6.3	NNW 18	32	+ 5
W 5	NNW 7	NNW 19	NNW 15	NNW 13	NNW 9	NNW 8	NNW 4	NNW 3	C 0	ESE 2	5.7	NNW 15	30	S 7
NNW 12	NNW 10	NNW 12	NNW 11	NNW 14	NNW 13	NNW 9	NNW 6	NNW 3	N 2	W 2	6.6	NNW 14	28	+ 8
W 4	W 5	NNW 7	NNW 4	NNW 4	NNW 4	NNW 5	NNW 5	NNW 6	NNW 6	NNW 5	2.8	NNW 7	15	NNW 12
W 3	NNW 9	NNW 11	W 8	W 10	NNW 11	NNW 3	W 1	NNW 5	SSE 3	SE 3	6.1	NNW 12	23	NNW 4
W 3	NNW 6	NNW 7	NNW 11	NNW 13	NNW 19	NNW 10	NNW 4	C 0	SE 1	SE 2	5.0	+ 13	23	NNW 8
SSE 9	NNW 8	N 7	NNW 13	NNW 14	NNW 13	NNW 10	NNW 4	C 0	SSE 3	SSE 1	6.5	NNW 14	28	+ 6
NNW 11	NNW 10	NNW 12	NNW 11	NNW 13	NNW 13	NNW 9	NNW 8	NNW 4	C 0	ESE 2	5.9	NNW 13	26	+ 9
NNW 12	NNW 14	NNW 13	NNW 14	NNW 15	NNW 13	NNW 9	NNW 14	NNW 12	NNW 6	NNW 6	8.5	NNW 22	36	NNW 12
*****														
NNW 16	NNW 15	NNW 15	NNW 17	NNW 17	NNW 13	NNW 8	NNW 2	NNW 2	NNW 1	E 1	7.6	NNW 17	32	NNW 17
NNW 8	NNW 7	NNW 8	NNW 10	NNW 9	NNW 13	NNW 10	NNW 7	NNW 2	NNW 1	C 0	4.5	NNW 13	24	NNW 8
NNW 8	NNW 10	NNW 8	NNW 8	NNW 6	NNW 6	NNW 4	NNW 1	S 1	SW 3	ESE 6	4.0	NNW 11	24	NNW 11
NNW 26	NNW 26	NNW 27	NNW 27	NNW 25	NNW 19	NNW 15	NNW 11	NNW 6	NNW 4	NNW 8	16.6	NNW 30	67	NNW 11
NNW 12	NNW 12	NNW 14	NNW 15	NNW 10	NNW 8	NNW 3	NNW 3	S 4	SSE 4	SW 10	6.8	+ 15	42	NNW 10
NNW 12	NNW 12	NNW 9	NNW 12	NNW 5	NNW 5	SE 8	SE 6	SE 4	SSE 5	SE 9	9.2	+ 16	45	SE 5
SSE 9	W 6	W 4	SW 5	SSE 5	N 10	SSE 14	SSE 15	S 7	S 10	S 13	10.6	SSE 17	37	SSE 9
SSE 9	SSE 13	SSE 10	SSE 10	NNW 10	NNW 7	SSE 4	S 4	SE 4	SSE 2	SE 4	10.0	SSE 19	38	SSE 12
NNW 9	SSE 9	W 10	W 9	K 11	W 8	SSE 9	SSE 7	S 9	S 6	SE 10	7.6	SSE 13	36	SSE 9
NNW 9	W 12	W 11	W 11	WSW 11	SW 6	NNW 6	SSE 9	SSE 6	SSE 7	SSE 7	9.3	S 14	36	SSE 6
*****														
NNW 9	WSW 8	W 9	NNW 10	NNW 8	W 8	SW 4	SE 7	SSE 8	SSE 10	SSE 10	8.0	NNW 15	35	SSE 9
S 30	S 26	S 34	S 43	SSE 49	SSE 44	SE 46	S 36	S 32	S 29	S 24	26.5	SSE 49	90	+ 12
WSW 11	SW 8	SW 11	WSW 9	WSW 9	RSE 9	SW 8	SW 9	SSW 11	SSW 10	SSW 8	9.5	S 21	36	SW 8
S 30	S 24	S 25	SSE 21	S 25	RSE 17	SSW 21	RSE 27	SSE 24	S 29	S 32	24.3	S 38	66	S 16
S 14	SW 16	SW 18	SW 16	SW 15	SW 13	SW 13	RSE 10	SW 10	SW 12	SW 11	16.7	S 38	60	SW 14
NNW 16	NNW 15	NNW 17	NNW 16	NNW 17	NNW 18	NNW 10	NNW 7	NNW 4	NNW 3	C 0	9.4	NNW 18	25	NNW 9
NNW 13	W 15	W 14	NNW 13	NNW 11	W 11	W 11	W 11	W 11	W 12	NNW 11	7.6	+ 15	36	W 10
NNW 23	NNW 25	NNW 23	NNW 23	NNW 22	NNW 19	NNW 12	NNW 7	NNW 5	NNW 4	NNW 5	14.9	NNW 25	65	NNW 11
NNW 21	NNW 23	NNW 23	NNW 22	NNW 22	NNW 21	NNW 9	NNW 10	NNW 5	NNW 6	NNW 7	10.7	NNW 23	48	NNW 15
NNW 20	NNW 21	NNW 23	NNW 23	NNW 22	NNW 15	NNW 14	NNW 13	NNW 12	NNW 15	N 5	12.2	NNW 29	54	NNW 18
NNW 10	NNW 16	NNW 17	NNW 22	NNW 19	NNW 16	NNW 12	NNW 11	N 8	N 4	N 8	9.5	NNW 22	42	NNW 10

9.3	10.0	11.2	12.4	13.3	12.9	8.0	5.4	3.8	2.2	2.5	6.2	14.9		
11.8	12.5	11.8	12.4	10.9	9.0	8.1	6.5	4.5	4.5	6.8	8.6	16.5		
17.9	18.8	19.5	20.4	19.9	17.4	14.5	13.5	11.8	12.2	11.2	13.6	26.6		
13.2	13.9	14.3	15.2	14.9	13.7	10.4	8.6	6.9	6.5	7.0	9.6	19.6		

NOTA: O SIMBOLA + SIGNIFICA QUE EXISTEM DOTS SU MAIS RUMOS DIFERENTES

14-14H	14-15H	15-07H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	V-MED	V-MAX	R-MAX	DP-TD
NNW 17	NNW 22	NNW 25	NNW 26	NNW 22	NNW 22	NNW 15	NNW 10	NNW 6	C 0	N 1	9.4	NNW 26	48	NNW 11
NNW 13	NNW 14	NNW 15	NNW 13	NNW 11	NNW 8	NNW 3	NNW 3	NNW 3	NNW 3	NNW 4	5.6	NNW 15	40	NNW 11
NNW 16	NNW 14	NNW 17	NNW 14	NNW 11	NNW 8	NNW 5	NNW 3	SSW 3	WSW 3	WSW 6	8.1	NNW 17	45	NNW 13
NNW 6	NNW 9	NNW 9	NNW 11	NNW 10	NNW 9	NNW 3	C 0	SE 1	SE 2	SSE 1	5.9	NNW 13	36	NNW 4
NNW 6	NNW 7	NNW 9	NNW 13	NNW 10	NNW 8	C 0	FNE 1	SW 2	SSW 2	S 4	4.1	NNW 13	26	+ 4
SSE 7	SE 7	S 4	NNW 3	NNW 5	NNW 9	NNW 2	SSE 2	SE 2	SSE 10	SSE 7	5.7	+ 10	19	SSE 7
SSE 25	S 28	S 25	SSE 16	S 13	RW 19	SW 13	RSE 11	SSW 10	SW 11	S 14	15.9	S 28	48	SSE 11
S 26	S 29	S 30	WSW 18	WSW 17	WRW 23	RW 22	RSE 19	S 25	S 25	S 27	25.6	S 37	61	S 19
WSW 16	WSW 22	WSW 20	SW 14	SW 12	SW 10	SW 7	SSW 10	SSW 6	S 8	SSE 3	17.3	S 26	57	+ 7
*****														
NNW 12	NNW 15	NNW 16	W 15	W 12	NNW 10	SSE 8	S 13	S 14	S 13	S 13	11.0	SSE 19	48	SSE 6
S 30	S 18	SW 8	NNW 8	SSE 6	RSE 17	SSE 17	RSE 16	SSE 22	SSE 22	SSE 16	18.1	S 21	64	S 13
NNW 13	NNW 20	NNW 20	NNW 15	NNW 13	NNW 9	NNW 7	NNW 2	NNW 2	NNW 1	NNW 1	18.7	SSE 44	74	NNW 9
NNW 18	NNW 20	NNW 24	NNW 25	NNW 22	NNW 18	NNW 12	NNW 8	C 0	C 0	C 0	9.9	NNW 25	51	NNW 12
NNW 10	NNW 14	NNW 18	NNW 20	NNW 22	NNW 16	NNW 12	NNW 3	C 0	C 0	C 0	7.8	NNW 22	51	NNW 10
NNW 11	NNW 15	NNW 18	NNW 21	NNW 21	NNW 17	NNW 9	NNW 7	NNW 2	C 0	C 0	7.6	NNW 21	42	NNW 5
NNW 8	NNW 13	NNW 19	NNW 17	NNW 18	NNW 14	NNW 4	C 0	SSW 2	S 1	C 0	6.3	NNW 19	36	NNW 11
ENE 15	NE 17	ENE 18	N 17	N 16	N 13	N 12	NNW 11	N 7	NE 7	ENE 6	10.9	ENE 19	52	N 8
F 11	ENE 9	N 11	N 17	N 16	NNW 17	NNW 18	NNW 9	C 0	NNW 1	C 0	12.0	ENE 24	55	+ 4
N 9	NNW 20	N 22	N 21	NNW 14	NNW 19	NNW 12	NNW 5	NNW 6	NNW 4	C 0	7.0	N 22	41	+ 4
*****														
NNW 12	NNW 14	NNW 20	NNW 15	NNW 17	NNW 16	NNW 16	NNW 16	NNW 8	NNW 7	NNW 4	7.8	NNW 20	35	NNW 7
N 21	NNW 20	NNW 21	NNW 17	NNW 17	NNW 19	NNW 12	NNW 11	NNW 5	NNW 4	NNW 3	10.2	+ 21	50	NNW 11
NNW 13	NNW 14	NNW 13	NNW 14	NNW 10	NNW 19	NNW 9	NNW 8	NNW 9	NNW 15	NNW 13	7.0	NNW 15	36	NNW 13
NNW 18	NNW 21	NNW 20	NNW 22	NNW 19	NNW 16	NNW 12	NNW 5	NNW 7	NNW 3	N 1	11.2	NNW 22	48	NNW 15
NNW 17	NNW 20	NNW 23	NNW 21	NNW 25	NNW 24	NNW 19	NNW 11	NNW 4	N 6	N 4	10.3	NNW 25	47	NNW 11
NNW 15	NNW 20	NNW 22	NNW 27	NNW 31	NNW 27	NNW 19	NNW 8	N 3	N 7	N 6	13.5	NNW 31	52	N 16
NNW 11	NE 12	N 15	N 13	N 13	NNW 14	NNW 11	NNW 5	NNW 1	ESE 3	E 23	12.5	E 31	63	N 7
NNW 12	N 14	NNW 21	NNW 22	NNW 18	NNW 15	NNW 11	NNW 5	C 0	C 0	C 0	13.8	E 32	55	E 7
NNW 13	NNW 14	NNW 17	NNW 22	NNW 18	NNW 12	NNW 11	NNW 4	NNW 1	N 3	NNW 2	6.3	NNW 18	36	NNW 9
NNW 10	NNW 16	NNW 20	NNW 21	NNW 20	NNW 14	NNW 12	NNW 6	NNW 6	NNW 8	N 2	8.3	NNW 21	36	NNW 8

14.8	16.4	16.9	14.3	13.6	11.4	8.5	6.8	6.3	6.6	7.0	10.5	20.1		
13.7	16.1	17.4	17.6	16.0	13.9	11.1	7.8	6.3	5.0	3.6	10.9	24.6		
14.2	16.5	19.2	18.9	18.8	16.9	13.2	7.9	4.4	5.6	5.8	10.1	23.6		
14.2	16.3	17.8	16.9	16.1	14.1	10.9	7.5	5.7	5.7	5.5	10.5	22.8		

NOTA: O SIMBOLA + SIGNIFICA QUE EXISTEM DOTS SU MAIS RUMOS DIFERENTES



PAIC 1979

DIRECCAO E VELOCIDADE DO VENTO (KM/H)

DTA	0-1M	1-2M	2-3M	3-4M	4-5M	5-6M	6-7M	7-8M	8-9M	9-10M	10-11M	11-12M	12-13M
1	C	1 S	3 S	3 S	4 C	1 N	3 E	3 SF	3 N	5 N	6 N	6 N	7 N
2	N	14 N	9 N	11 N	13 N	9 N	14 N	10 N	16 N	20 N	19 N	21 N	21 N
3	C	0 C	0 C	0 C	0 C	0 C	0 C	0 C	1 N	3 N	6 N	5 E	8 N
4	C	0 C	0 C	0 C	0 C	0 C	0 C	1 C	1 C	1 E	6 N	5 E	8 N
5	C	1 C	1 C	1 W	3 N	5 F	7 E	6 SF	12 E	8 S	11 SE	8 SE	5 N
6	S	6 S	5 S	5 S	5 S	7 S	6 S	7 S	7 S	6 W	6 W	6 N	8 N
7	C	0 C	0 C	0 S	2 S	2 R	4 S	6 S	6 S	3 S	5 S	6 N	12 W
8	C	0 N	2 SE	3 C	1 C	0 C	1 C	0 C	1 N	5 N	7 N	10 N	9 N
9	C	0 C	0 C	0 C	0 C	0 C	1 C	0 C	1 C	1 N	3 N	6 N	10 N
10	N	2 C	1 C	0 C	1 W	3 N	4 N	3 C	1 N	3 N	5 N	5 N	8 N
11	C	0 S	5 S	7 S	4 S	4 R	7 SE	5 SF	8 E	8 ESE	9 SE	14 SE	8 SE
12	S	6 S	7 S	7 S	8 S	7 S	8 S	8 S	8 S	8 S	4 SE	4 S	4 E
13	C	1 N	3 N	3 SE	8 SE	8 R	4 S	4 S	9 SE	9 SE	10 SE	12 SE	8 N
14	SF	3 SE	4 S	7 S	7 SE	7 F	11 E	8 E	7 SE	8 S	8 S	12 S	8 S
15	C	0 C	0 C	0 C	0 S	3 R	3 N	4 S	3 N	5 N	10 N	11 N	9 N
16	N	9 N	5 N	6 N	9 N	10 N	8 N	7 N	6 N	7 N	8 N	10 N	9 N
17	C	0 C	1 S	3 S	3 C	1 C	0 C	0 S	3 S	2 N	5 N	11 N	15 N
18	C	1 C	0 C	0 S	3 S	4 R	3 R	3 SF	5 S	4 S	6 W	8 W	13 W
19	SF	6 SE	5 S	5 S	3 S	4 R	3 C	0 C	1 N	2 W	3 N	8 N	5 N
20	N	4 N	4 N	3 C	1 C	0 C	0 S	3 SF	5 N	5 W	6 W	10 W	11 W
21	S	17 S	17 S	12 S	16 S	19 R	18 S	17 S	19 S	16 S	19 S	18 S	10 S
22	N	5 C	1 S	3 C	1 C	0 R	4 S	4 S	4 S	4 S	4 S	7 W	9 N
23	S	4 S	3 S	3 SE	3 SE	3 W	8 S	6 S	9 S	8 W	10 W	10 W	9 W
24	S	4 S	3 S	3 S	3 S	3 R	3 S	4 S	3 S	3 S	5 N	7 N	5 N
25	N	2 N	2 C	1 C	1 C	1 R	3 S	4 S	5 S	5 S	5 S	6 W	6 W
26	S	5 S	7 W	11 W	9 S	4 S	4 S	6 W	7 W	8 W	4 N	9 W	11 W
27	S	15 S	14 S	17 S	15 S	14 S	18 S	15 S	16 S	11 S	13 S	13 S	12 S
28	S	6 S	10 S	14 S	14 S	15 S	18 S	14 S	17 S	11 S	15 S	20 S	20 S
29	SF	10 S	8 S	9 S	10 S	13 R	17 S	18 S	20 S	17 S	25 S	25 S	22 S
30	N	18 N	6 N	2 N	7 N	7 N	10 N	7 N	6 N	6 N	10 N	11 N	12 N
31	C	1 C	0 C	1 C	1 C	0 C	1 C	0 C	0 S	3 N	11 N	11 N	13 N

M F D I A S

1A-DEC	2.4	2.1	2.3	2.9	2.7	3.9	3.7	4.8	5.5	7.4	8.1	9.7	11.2
2A-DEC	3.0	3.4	4.3	4.6	4.8	4.8	4.4	5.5	5.8	6.9	10.0	8.8	8.8
3A-DEC	7.9	6.5	6.9	7.3	7.4	8.8	8.6	9.5	8.5	11.0	12.3	11.7	11.7
MES	4.5	4.1	4.6	5.0	5.0	5.9	5.7	6.7	6.6	8.5	10.2	10.1	10.6

JUNHO 1979

DIRECCAO E VELOCIDADE DO VENTO (KM/H)

DTA	0-1M	1-2M	2-3M	3-4M	4-5M	5-6M	6-7M	7-8M	8-9M	9-10M	10-11M	11-12M	12-13M
1	C	0 S	3 S	2 S	2 C	0 C	0 S	2 S	3 N	4 E	5 ENE	8 N	5 N
2	C	0 C	0 C	0 C	0 W	1 C	0 C	0 C	0 N	4 N	6 N	5 N	4 N
3	N	3 N	2 N	1 N	3 N	4 N	3 N	3 N	2 N	3 N	6 N	8 N	9 N
4	N	5 N	4 N	4 N	3 N	4 N	4 N	5 N	4 N	4 N	7 N	8 N	9 N
5	C	0 C	0 N	2 N	2 C	0 R	1 N	2 N	3 N	4 N	5 N	10 N	11 N
6	C	0 C	0 S	2 C	0 N	2 S	5 N	4 N	5 N	6 N	7 N	12 N	10 N
7	C	0 C	0 S	5 NE	5 NE	5 E	7 E	6 W	4 E	6 ESE	11 SE	9 ESE	8 NE
8	N	2 N	2 N	2 N	2 N	2 N	3 N	1 N	1 N	3 N	4 N	6 N	7 N
9	C	0 C	0 W	2 W	2 C	0 SF	3 W	2 N	3 N	4 N	6 N	10 N	13 N
10	S	7 S	5 S	5 S	8 S	4 S	8 S	9 S	7 S	8 S	4 S	8 S	5 S
11	C	0 S	3 S	2 S	5 S	6 S	5 S	5 S	10 S	9 S	13 S	10 S	13 S
12	W	5 W	5 W	2 S	8 S	8 R	7 S	4 N	4 N	3 S	3 W	5 N	5 W
13	N	6 N	9 N	11 N	10 N	9 N	7 N	8 N	12 N	12 N	12 N	13 N	17 N
14	N	10 N	6 N	6 N	3 N	4 N	9 C	0 N	5 N	12 N	13 N	16 N	16 N
15	N	1 C	0 C	0 C	0 N	2 N	4 N	3 N	2 N	6 N	6 N	7 N	12 N
16	C	0 W	1 C	0 C	0 W	3 N	5 N	5 E	9 E	13 E	17 E	15 E	15 E
17	E	29 E	32 E	37 E	37 E	32 F	28 E	25 E	24 E	25 E	17 E	20 E	18 E
18	S	3 S	4 S	4 S	3 W	3 W	3 S	2 S	4 S	14 SE	12 SE	9 SE	8 N
19	C	0 C	0 C	0 C	0 W	1 C	0 W	1 S	1 S	2 N	3 N	5 N	7 N
20	N	3 N	5 N	5 N	6 N	7 N	7 N	7 N	8 N	7 N	7 N	9 N	10 N
21	N	6 N	6 N	5 N	4 N	5 N	7 N	9 N	7 N	6 N	7 N	6 N	8 N
22	W	2 W	2 W	1 S	2 S	3 S	9 S	1 C	0 S	2 S	2 W	4 W	4 W
23	N	5 N	5 N	4 N	5 N	3 N	3 N	5 N	3 N	1 N	2 N	5 N	7 N
24	N	6 N	4 N	1 N	1 N	4 C	0 N	3 E	2 N	4 N	5 N	6 N	9 N
25	S	2 S	5 S	7 S	2 C	0 S	4 S	3 S	1 SE	2 N	4 N	4 N	5 N
26	W	3 W	3 W	1 W	2 S	2 S	3 W	2 W	2 N	2 W	2 W	4 N	7 N
27	W	2 W	2 W	3 W	2 S	3 S	3 S	2 S	2 SE	1 N	4 N	6 N	10 N
28	S	4 S	3 C	0 S	4 NE	10 NE	4 E	7 E	12 E	10 E	17 E	16 E	10 E
29	S	4 S	6 SE	6 SE	6 S	5 S	7 S	8 S	3 S	4 S	4 E	17 E	25 SE
30	C	0 N	2 W	2 C	0 C	0 E	1 C	0 W	1 S	1 W	2 N	4 N	9 E

M F D I A S

1A-DEC	1.7	2.0	2.8	2.7	2.4	3.3	3.4	3.2	4.8	6.1	7.9	8.0	8.9
2A-DEC	5.7	6.5	6.7	7.2	7.4	7.0	6.0	9.0	10.3	10.5	10.8	11.9	11.9
3A-DEC	3.4	3.8	3.0	2.8	3.5	3.4	4.0	3.3	3.3	5.2	7.1	9.4	9.0
MES	3.6	4.1	4.2	4.2	4.4	4.4	4.5	5.2	6.1	7.3	8.6	9.8	9.9



13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	V-MED	V-MAX	R-MAX	DP-TD
NW 14	NW 16	NW 17	NW 17	NW 17	NW 16	NW 13	NW 12	NW 16	NW 20	NW 14	9.5	NW 20	41	NW 16
NW 18	NW 21	NW 23	NW 24	NW 28	NW 29	NW 20	NW 17	NW 8	NW 5	C 0	15.9	NW 28	51	NW 22
NW 16	NW 19	NW 23	NW 22	NW 19	NW 17	NW 11	NW 5	L 1	C 0	C 0	7.3	NW 23	42	NW 19
NW 15	NW 19	NW 20	NW 21	NW 18	NW 15	NW 12	NW 3	L 1	C 0	C 0	6.5	NW 21	40	C 12
NW 10	NW 10	NW 18	NW 16	NW 13	NW 11	NW 8	NW 5	L 1	C 1	N 3	7.2	NW 18	34	NW 10
NW 11	NW 11	NW 11	NW 9	NW 12	NW 9	NW 8	NW 3	L 1	C 0	C 0	6.7	NW 12	29	NW 8
NW 12	NW 13	NW 10	NW 10	NW 11	NW 9	NW 9	NW 6	NW 5	NW 5	C 1	6.1	NW 12	29	NW 8
NW 12	NW 13	NW 16	NW 16	NW 21	NW 18	NW 17	NW 15	NW 9	NW 9	NW 5	7.8	NW 21	49	NW 15
NW 15	NW 16	NW 20	NW 17	NW 17	NW 15	NW 14	NW 10	NW 4	C 1	C 0	6.8	NW 20	43	NW 13
NW 9	NW 14	NW 13	NW 15	NW 17	NW 12	NW 5	NW 3	C 1	C 1	C 0	5.5	NW 17	33	NW 15
NW 5	NW 7	NW 7	NW 8	NW 11	NW 19	NW 13	NW 5	NW 3	SW 2	S 4	7.1	NW 19	33	NW 8
NW 5	NW 10	NW 17	NW 14	NW 12	NW 13	NW 5	C 1	C 0	C 0	C 0	6.8	NW 17	41	S 12
NW 6	NW 13	NW 17	NW 17	NW 18	NW 14	NW 4	C 1	C 0	C 0	C 0	7.4	NW 18	32	NW 9
NW 6	NW 8	NW 10	NW 10	NW 10	NW 7	NW 6	R 3	C 0	C 0	C 1	6.5	SSE 12	30	S 5
NW 9	NW 12	NW 12	NW 12	NW 11	NW 10	NW 14	NW 11	NW 9	NW 11	NW 10	7.4	NW 14	27	NW 17
NW 14	NW 16	NW 12	NW 14	NW 14	NW 14	NW 14	NW 10	NW 8	NW 5	NW 3	9.5	NW 16	31	NW 17
NW 15	NW 19	NW 18	NW 17	NW 23	NW 19	NW 14	NW 9	NW 5	NW 3	C 0	8.3	NW 23	42	NW 14
NW 14	NW 9	NW 8	NW 8	NW 23	NW 9	NW 9	NW 2	SE 4	SSE 5	S 8	6.3	NW 23	40	NW 7
NW 17	NW 11	NW 6	NW 6	NW 7	NW 7	NW 10	NW 7	NW 9	NW 6	NW 4	5.9	NW 17	34	NW 15
NW 13	NW 13	NW 12	NW 12	NW 12	NW 8	NW 7	SW 9	S 9	S 9	S 12	7.5	NW 13	32	NW 11
NW 11	SW 12	NW 8	NW 8	NW 7	NW 7	NW 6	NW 5	SW 3	S 2	SW 6	11.9	NW 19	36	S 11
NW 12	NW 12	NW 13	NW 12	NW 12	NW 11	NW 9	NW 5	SW 4	S 5	N 5	6.6	NW 13	30	NW 9
NW 15	NW 12	NW 9	NW 8	NW 14	NW 19	NW 12	NW 9	NW 4	N 3	C 1	7.5	NW 15	30	NW 9
NW 7	NW 9	NW 9	NW 10	NW 11	NW 19	NW 10	NW 6	N 5	C 0	NNW 2	5.5	NW 12	25	NW 12
NW 6	NW 4	NW 4	NW 8	NW 7	NW 7	SW 7	SW 6	SW 7	S 15	S 11	5.3	S 15	26	NW 5
NW 9	NW 7	NW 5	NW 6	NW 7	NW 8	NW 7	SW 5	SSE 4	S 8	S 14	7.5	S 16	29	NW 11
NW 11	SW 11	SW 9	SW 10	SW 11	SW 10	SW 10	SW 8	S 6	SW 5	SW 5	11.5	SW 17	40	SW 21
NW 13	NW 11	NW 10	NW 9	NW 9	NW 9	NW 9	NW 5	SW 4	SW 7	S 7	11.8	S 20	34	S 16
SW 13	SW 11	S 13	SSE 6	NW 6	NW 6	NW 7	NW 5	SW 5	SSE 9	S 19	13.1	S 25	46	S 13
NW 13	NW 13	NW 14	NW 12	NW 14	NW 15	NW 13	NW 10	NW 7	NW 6	NW 3	9.8	NW 18	41	NW 22
NW 14	NW 18	NW 18	NW 19	NW 20	NW 20	NW 15	NW 10	NW 6	NW 4	C 1	8.3	NW 20	36	NW 14

13.2	15.0	17.2	17.2	17.0	14.3	11.5	7.3	4.7	3.8	2.0	7.9	19.2
12.4	11.8	11.9	11.8	13.0	12.0	9.6	5.8	4.7	4.1	4.2	7.3	16.3
11.3	10.9	9.9	9.8	10.7	10.5	9.5	6.7	5.0	5.8	6.9	9.0	17.3
11.6	12.5	12.9	12.8	13.5	12.9	10.2	6.6	4.8	4.6	4.5	8.1	17.6

NOTA: O SIMBOLA + SIGNIFICA QUE EXISTEM DOTS SU MATE RUNMS DIFERENTES

13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	V-MED	V-MAX	R-MAX	DP-TD
NW 10	NW 12	NW 14	NW 13	NW 15	NNW 13	NNW 10	NNW 8	NNW 6	NNW 5	NNW 2	6.3	NW 15	29	NW 8
NNW 8	NNW 11	NNW 14	NNW 20	NNW 15	NNW 11	NNW 7	NNW 3	NW 1	NW 5	NNW 3	5.3	NNW 20	37	NNW 12
NW 13	NW 13	NW 16	NW 12	NNW 15	NNW 11	NNW 11	NNW 9	NNW 11	NNW 14	NNW 9	7.9	NW 16	31	NNW 13
NW 11	NW 16	NNW 18	NNW 16	NNW 16	NNW 15	NNW 10	NNW 7	NNW 5	NNW 2	NNW 2	7.6	NW 16	34	NNW 18
NW 14	NW 13	NNW 14	NNW 17	NNW 13	NNW 10	NNW 5	NNW 3	C 0	NW 3	C 0	6.7	NNW 17	31	NNW 13
NW 6	NW 9	NW 7	NW 12	NW 12	NW 12	NW 9	NW 4	NW 2	NW 1	NW 2	6.1	NW 12	29	NW 12
NW 10	NW 10	NW 8	NNW 7	NW 5	NNW 9	NNW 9	NNW 4	NNW 5	NW 4	NW 2	5.0	NW 10	25	NW 18
NW 14	NW 15	NW 14	NW 15	NW 11	NW 9	NNW 7	NW 5	SW 7	SW 6	SSE 7	7.0	NW 15	33	NW 10
SW 3	NW 4	NW 2	NW 5	NW 8	NW 4	NW 7	NNW 3	NNW 1	C 0	C 0	5.4	NW 9	21	NW 5
NNW 8	NW 8	NW 2	SSE 2	NW 9	NW 8	NNW 3	NW 7	NW 2	NW 2	SSE 3	5.9	NW 13	30	NW 5
NW 10	NW 11	NNW 10	NNW 9	NW 8	NNW 9	NNW 7	NNW 7	NNW 9	NNW 9	NNW 7	6.8	NW 11	25	NNW 7
NNW 20	NNW 21	NNW 19	NNW 21	NNW 19	NNW 20	NNW 18	NNW 17	NNW 14	NNW 12	NNW 9	13.7	NNW 21	43	NNW 24
NNW 16	NNW 17	NNW 22	NNW 22	NNW 18	NNW 19	NNW 12	NNW 12	NNW 7	NNW 4	NNW 2	10.9	NNW 22	43	NNW 21
NW 12	NNW 17	NNW 14	NNW 14	NNW 15	NNW 14	NNW 8	NW 5	NNW 4	C 0	C 0	6.8	NNW 17	35	NNW 13
ENE 9	NE 9	ENE 12	NNW 16	NW 15	NNW 16	NNW 12	NNW 6	E 4	E 12	E 24	9.5	E 24	51	E 7
E 13	ENE 11	ENE 5	ENE 7	NE 9	NE 9	NE 8	NE 4	E 3	SW 3	SW 3	18.0	E 37	67	E 14
NNW 9	NNW 11	NNW 13	NW 12	NW 13	NNW 11	NW 6	NW 4	NNW 2	C 0	C 0	6.5	SE 14	36	NW 5
NNW 12	NNW 17	NNW 16	NNW 16	NNW 14	NNW 11	NW 7	NW 9	NNW 6	NNW 4	NW 8	6.3	NNW 17	33	NNW 12
NW 10	NW 11	NW 13	NW 13	NNW 12	NNW 8	NNW 7	NNW 9	NNW 5	NNW 6	NNW 6	8.0	NW 13	33	NNW 17
NW 7	NW 10	NW 12	NW 11	NW 7	NNW 12	NNW 8	NNW 8	NNW 7	NNW 6	NNW 4	7.3	NW 12	28	NNW 14
NW 9	NW 9	NW 8	NW 8	NNW 6	NNW 5	SW 3	NW 5	NW 4	NW 4	NW 3	4.0	NW 9	20	NW 8
NNW 8	NW 8	NW 9	NW 12	NW 11	NNW 15	NNW 17	NNW 13	NNW 15	NNW 13	NNW 8	7.7	NNW 17	30	NW 13
NNW 11	NNW 15	NNW 17	NNW 15	NNW 13	NNW 9	NNW 8	NNW 10	NW 3	NW 2	SW 1	6.5	NNW 17	33	NNW 17
NW 9	NW 11	NW 10	NW 10	NW 9	NW 7	NW 7	NW 6	NW 5	NW 6	NW 4	5.5	NW 11	23	NW 15
NW 7	NW 11	NW 14	NW 14	NNW 14	NNW 13	NNW 12	NNW 9	NNW 8	NNW 5	NNW 4	6.4	NW 14	28	NNW 8
NNW 11	NNW 13	NNW 14	NW 14	NW 18	NW 15	NW 8	NW 3	NW 5	C 0	NW 2	6.4	NW 18	25	NW 9
E 6	SE 8	E 10	NE 12	ESE 16	NE 6	SE 12	SE 7	SW 3	SSE 6	S 5	8.3	ENE 17	63	ENE 7
SSE 20	SSE 9	N 5	N 16	NNW 19	NNW 13	NNW 13	NNW 7	NNW 3	NNW 1	C 0	9.1	ESE 25	42	ENE 6
SE 6	SE 10	NW 7	NW 8	NW 5	NW 5	NW 1	SW 2	S 2	NW 1	NW 3	3.4	NW 10	35	NW 7

10.4	11.9	12.1	13.2	12.4	11.1	8.3	5.8	4.5	4.6	2.9	6.4	14.8
11.9	13.3	12.6	13.2	13.2	12.9	8.8	8.5	5.7	5.2	6.2	9.2	18.9
9.4	10.4	10.6	12.0	11.8	10.0	8.9	7.0	5.7	4.4	3.4	6.5	15.0
10.6	11.9	11.8	12.8	12.5	11.1	8.7	7.1	5.3	4.7	4.2	7.4	16.2

NOTA: O SIMBOLA + SIGNIFICA QUE EXISTEM DOTS SU MATE RUNMS DIFERENTES



JULHO 1979

DIRECCAO E VELOCIDADE DO VENTO (KM/H)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
1	NNW 2	NNW 3	NW 2	NNW 2	WSW 2	WSW 2	SW 2	C 0	SSW 3	SSE 3	NW 4	NW 5	NW 5
2	NE 5	E 9	ENE 9	NE 4	E 12	E 22	E 22	ESE 21	ESE 28	ESE 25	E 22	E 14	SE 8
3	WSW 3	N 4	NW 3	N 9	E 21	E 22	E 27	E 18	E 12	SE 15	ESE 16	ESE 15	SE 9
4	C 0	SSW 2	SSE 2	SSE 2	SSE 2	SSE 2	SSE 2	NW 5	NW 7	NW 4	NW 5	NW 5	NNW 7
5	N 2	SE 3	S 2	S 2	SE 4	R 3	NW 4	E 6	E 5	ESE 10	ESE 7	S 4	E 4
6	SSE 4	ESE 8	E 6	ESE 9	S 7	E 19	E 20	E 19	E 17	E 16	E 13	E 17	SE 24
7	SF 10	ESE 18	ESE 15	SE 10	S 4	R 4	S 4	S 2	S 2	WSW 2	S 4	S 5	S 4
8	S 3	S 2	S 2	SSE 3	SSE 3	SSE 3	SSE 5	SSE 7	S 7	SSE 4	SSE 4	SSE 5	NW 7
9	NNW 3	NNW 2	NNW 2	NNW 4	NNW 3	NNW 3	NNW 3	NNW 2	NNW 4	NW 7	NW 8	NW 9	NW 8
10	NNW 10	NNW 6	NNW 9	NNW 10	NNW 7	NNW 8	NNW 13	NNW 9	E 7	NW 7	NW 9	NW 8	NNW 12
11	S 9	NNW 8	NW 6	NW 6	NW 6	NW 9	NNW 3	NW 4	NW 3	NNW 3	NW 5	NW 8	NW 3
12	NW 7	NNW 7	NNW 9	NNW 11	NNW 10	NNW 4	NNW 5	NNW 9	NNW 6	NNW 6	NNW 8	NNW 15	NNW 16
13	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	NNW 6	NNW 9	NNW 14
14	NW 3	E 4	NE 5	E 10	NE 15	FNE 21	ENE 19	ENE 16	NW 6	W 4	E 6	E 7	NE 6
15	NNW 3	E 9	E 15	ENE 17	E 21	E 22	E 29	E 19	E 16	SE 12	ESE 13	ESE 15	E 12
16	NE 5	NE 2	N 2	W 5	ENE 18	ENE 10	N 2	ENE 10	ENE 7	S 5	S 5	SSW 6	SW 6
17	C 0	C 0	C 0	C 0	C 0	C 0	NW 4	NNW 7	NNW 6	NNW 8	NW 6	NW 8	NW 9
18	NNW 2	NNW 2	NNW 3	WSW 2	WSW 2	SW 2	SW 2	SW 2	SW 2	WSW 2	WSW 3	W 2	NNW 4
19	NNW 4	NW 8	NNW 5	NNW 4	NNW 4	NNW 5	NNW 6	NNW 5	NW 4	NW 3	NW 3	NW 2	NW 2
20	S 2	SW 2	S 2	NNW 3	NNW 3	NNW 3	NNW 2	NNW 3	NNW 5	NW 3	NW 4	NW 5	NW 8
21	NW 7	NW 2	S 2	C 0	C 0	NNW 8	NNW 2	C 0	C 0	NW 5	NW 6	NW 8	NW 7
22	W 2	C 0	NNW 3	SW 4	SSW 4	WSW 8	SW 9	SSW 8	S 8	SSE 11	S 9	SW 7	NW 9
23	C 0	NW 2	NNW 4	NNW 2	E 2	SF 3	SW 2	C 0	NW 8	NW 8	NW 3	NW 5	NW 7
24	NNW 2	NNW 5	NW 8	NNW 5	NW 4	W 5	W 4	S 4	S 4	SE 7	SE 10	SE 9	SE 5
25	NNW 2	NW 4	NNW 3	W 2	NNW 5	NNW 9	N 2	NNW 3	NW 5	NW 7	NW 5	NW 8	NW 9
26	N 3	NNW 4	N 4	SSE 2	NNW 3	NNW 9	W 2	S 2	NNW 4	NW 4	NW 5	NW 5	NW 7
27	NNW 3	NNW 2	N 2	C 0	C 0	SSE 3	C 0	N 2	NNW 4	NNW 4	NW 8	NNW 8	NW 6
28	N 2	N 3	N 2	C 0	C 0	C 0	N 3	N 2	N 2	N 4	NNW 4	NNW 7	NNW 8
29	N 9	NNW 8	N 9	N 10	N 8	N 7	N 8	N 7	N 6	NNW 12	NNW 13	NNW 13	NNW 12
30	NW 7	NW 7	NW 6	NW 6	NW 10	NNW 9	NNW 9	NNW 7	NNW 9	NNW 14	NNW 17	NNW 14	NNW 12
31	N 3	N 2	N 4	NW 2	N 2	N 5	SSE 3	SE 3	SE 3	SSE 4	SSE 8	SSE 4	SSW 4

M E D I A S

1A-DEC	4.2	5.7	5.2	5.5	6.7	9.1	10.2	9.9	9.2	9.3	9.2	8.7	8.8
2A-DEC	3.5	4.2	4.7	6.0	7.4	7.0	7.4	7.5	5.5	5.3	5.7	7.7	8.0
3A-DEC	3.6	3.5	4.3	3.0	3.6	4.9	4.0	3.5	4.7	7.3	7.9	7.7	7.8
MEB	3.8	4.5	4.7	4.8	5.8	6.7	7.1	6.8	6.4	7.3	7.6	8.0	8.2

AGOSTO 1979

DIRECCAO E VELOCIDADE DO VENTO (KM/H)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
1	N 7	NW 1	C 0	NNW 2	N 2	NNW 1	C 0	S 1	NW 2	NW 3	NW 8	NNW 10	NW 11
2	C 0	C 0	C 0	C 0	C 0	C 0	SSE 1	C 0	SSE 3	SSE 7	SSE 2	NW 5	NW 12
3	NW 2	NW 4	NW 2	NW 2	NW 3	NW 8	NW 4	NW 4	NW 4	NW 7	NW 11	NW 11	NW 14
4	C 0	C 0	C 0	C 0	SSE 3	SSE 3	SSE 3	SSE 3	SSE 2	NW 3	NNW 6	NNW 7	NW 10
5	N 8	NNW 7	NW 8	NNW 7	N 5	NNW 9	NW 3	N 7	NW 7	NNW 12	NNW 10	NNW 12	NW 13
6	S 2	C 0	C 0	C 0	C 0	NW 1	N 2	C 0	NNW 7	NNW 13	NNW 10	NW 10	NW 11
7	NNW 5	NNW 5	N 1	NNW 3	N 2	SSE 3	S 9	S 6	SSE 2	NNW 4	NNW 7	NNW 7	NNW 12
8	NNW 6	NW 6	NNW 7	NNW 7	NNW 8	NNW 4	NNW 5	N 5	NNW 8	N 9	NNW 15	NNW 12	NNW 15
9	NNW 3	N 2	C 0	C 0	NNE 2	NNW 1	NNW 7	S 1	NW 1	NW 6	NNW 11	NW 9	NW 9
10	SSE 1	N 3	N 5	NNW 2	SW 1	NNW 4	C 0	NNW 4	NW 7	NW 4	NW 6	NNW 7	NNW 13
11	S 1	NW 2	NW 4	NW 5	NW 7	NNW 3	NNW 3	W 2	N 3	E 3	SSE 7	SE 7	W 7
12	C 0	NW 1	C 0	NNW 4	NW 4	C 0	ESE 2	ESE 2	NW 4	NW 9	NW 6	NW 7	NW 10
13	NW 5	C 0	NW 2	SSE 5	SSE 9	NNW 3	NW 1	SF 2	SSE 2	NNW 2	NW 9	NW 6	NNW 6
14	NW 8	NNW 6	NW 10	NNW 7	N 3	NNW 4	NW 7	NNE 3	NNE 2	NW 7	NW 11	NNW 13	NNW 16
15	NNW 14	NNW 15	NNW 14	NW 14	NNW 13	NNW 14	NW 11	N 10	NNW 15	NNW 22	NNW 22	NNW 22	NNW 21
16	NNW 4	NNW 1	NW 1	C 0	C 0	C 0	C 0	C 0	NNW 1	NNW 3	NNW 11	NW 9	NNW 12
17	NNW 6	C 0	NW 1	C 0	C 0	C 0	C 0	N 1	NNW 9	NNW 11	NNW 11	NW 10	NNW 14
18	NNW 1	NNW 7	NNW 7	N 2	C 0	C 0	C 0	NNE 2	N 4	NNW 7	N 15	NNW 18	NNW 24
19	N 3	NNE 7	NE 8	NE 10	NNE 11	NNE 11	NNE 8	E 11	E 12	NNW 18	NE 19	NE 14	NE 17
20	SSW 3	W 1	SSW 4	W 4	NNW 7	NF 9	NNW 4	ESE 4	C 0	NNW 3	SSW 3	W 4	NNW 6
21	NW 1	C 0	NW 1	NW 2	NNW 3	SSE 4	S 6	SW 8	SSW 6	SE 7	SE 10	SE 5	NNW 4
22	NNW 2	WSW 1	NNW 2	NNW 2	NW 1	NNW 1	C 0	C 0	NNW 1	NNW 1	NW 7	NW 4	NNW 6
23	C 0	C 0	C 0	SW 1	WSW 2	C 0	WSW 2	WSW 2	SSW 2	NW 1	NW 4	NW 7	NW 9
24	C 0	NW 1	SSW 1	NW 2	NW 1	C 0	NNW 6	NE 8	ENE 6	NNW 5	S 5	SW 4	NNW 6
25	C 0	NW 1	C 0	S 1	C 0	C 0	C 0	C 0	NW 6	NW 6	NW 7	NW 9	NW 14
26	NW 8	NNW 10	NW 7	NNW 6	NNW 6	NNW 7	NNW 7	NNW 7	NNW 8	NW 6	NNW 10	NW 10	NW 14
27	SSW 4	S 6	SSE 6	S 2	C 0	R 2	C 0	NNW 1	NNW 4	NW 12	NW 7	NNW 9	NW 8
28	C 0	SSE 1	ESE 1	SE 5	SE 9	SSE 9	SSE 11	S 14	SSE 14	S 19	SSW 16	SSW 15	S 12
29	C 0	NW 1	C 0	NNW 1	C 0	NW 1	C 0	C 0	SSE 1	SSE 2	NNW 6	NW 8	NW 8
30	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	NNW 1	NW 7	NW 9	NW 8	NW 7
31	NW 3	NW 5	NW 6	NW 5	NNW 6	NW 1	NNW 2	NW 3	NW 1	NNW 3	NNW 4	NW 6	NW 8

M E D I A S

1A-DEC	3.4	2.8	2.3	2.3	2.6	2.8	3.4	3.1	4.4	6.8	8.6	9.0	12.0
2A-DEC	4.5	4.0	5.1	5.1	5.4	4.0	3.4	3.7	5.2	8.5	11.4	11.0	13.3
3A-DEC	1.6	2.4	2.2	2.5	2.5	2.2	3.1	4.0	4.6	6.3	7.7	7.7	8.7
MEB	3.1	3.0	3.2	3.3	3.5	3.0	3.4	3.6	4.7	7.2	9.2	9.2	11.3



14=14H	14=15H	15=16H	16=17H	17=18H	18=19H	19=20H	20=21H	21=22H	22=23H	23=24H	V+MED	V+MAX	R+MAX	DP+TD
NW 7	NW 9	NW 10	NW 8	NW 9	NW 12	NW 7	NW 4	NW 4	NW 6	NE 6	4.9	NW 12	24	NW 14
NE 9	E 7	ENE 8	ENE 8	ENE 8	NNW 15	NNW 7	NNW 5	C 0	C 0	SSW 3	11.7	ESE 21	64	E 7
NW 5	NE 6	NE 6	NE 16	NW 17	NW 19	NW 6	NNW 4	SW 2	C 0	C 0	10.5	E 27	64	NW 6
NW 8	NNW 12	NW 12	S 13	NNW 12	N 6	NNW 8	NNW 7	NNW 2	C 0	C 0	5.2	S 13	27	NW 6
SE 6	NE 7	NW 17	NNW 21	N 13	NNW 10	NNW 3	F 2	C 0	C 0	SSW 3	5.8	NNW 21	38	+ 4
ESE 19	E 15	ESE 13	E 13	ESE 16	FSE 17	ESF 12	FSE 12	ESE 3	ESE 7	ESE 5	13.0	SE 24	42	ESE 11
ESE 3	ENE 4	NNW 16	NW 14	NW 14	NW 15	NW 10	NNW 6	NW 3	NW 3	E 3	7.4	ESE 18	35	S 8
NW 9	NW 11	NW 11	NW 11	NW 11	NW 12	NW 7	NW 6	NNW 3	NNW 3	NNW 3	6.0	NW 12	28	NW 9
NNW 10	NNW 9	NW 11	NW 12	NW 13	NNW 14	NNW 10	NNW 8	NNW 9	NNW 7	NNW 6	7.0	NNW 14	24	NNW 15
N 8	NNW 6	SE 10	NW 8	SE 14	NW 13	NNW 6	NNW 5	NW 2	NW 2	NW 5	8.1	SE 14	52	NNW 12
S 4	N 4	NW 6	N 10	N 6	N 7	NW 5	NW 6	NW 8	NW 7	NW 6	5.6	N 10	26	NW 15
NNW 18	NNW 23	NNW 26	NNW 26	NNW 25	NNW 21	NNW 17	NNW 12	NNW 13	NNW 2	C 0	12.4	NNW 26	44	NNW 22
NNW 16	NNW 20	NNW 21	NNW 22	NNW 20	NNW 16	NNW 8	NNW 2	C 0	C 0	C 0	6.6	NNW 22	36	+ 12
SE 7	NE 12	N 14	NNW 20	NNW 18	NNW 17	NNW 13	NNW 6	N 2	C 0	NW 2	9.7	ENE 21	58	+ 5
E 12	E 11	SE 13	ESE 19	ESE 12	N 4	N 6	N 6	NNW 4	SSE 2	N 3	12.4	E 29	56	E 10
NNW 7	NW 9	NW 18	NNW 22	NW 11	NW 9	N 6	SW 3	SW 3	C 0	C 0	6.9	NNW 22	36	ENE 4
NW 10	NW 9	NW 10	NW 11	NW 10	NW 9	NW 8	NW 6	NW 5	NW 5	NNW 2	5.7	NW 11	25	NW 14
NW 3	NNW 5	NW 6	NNW 8	NW 10	NW 8	NNW 5	NNW 3	NNW 4	NNW 4	NW 4	3.8	NW 10	22	NNW 6
NW 4	N 3	NW 7	NW 11	NW 11	NW 7	NW 6	NW 6	NNW 2	NW 2	SW 2	4.9	NW 11	22	NNW 16
NW 9	NW 12	NW 12	NW 13	NW 13	NW 11	NW 8	NNW 6	NNW 8	NW 7	NW 7	6.3	NW 13	28	NW 13
NW 9	NW 11	NW 10	NW 9	NW 8	NW 6	NW 4	NW 3	NW 2	NW 5	NW 3	4.8	NW 11	21	NW 17
NW 9	NW 10	NW 12	NW 11	N 9	NW 4	NW 7	NW 6	NNW 2	C 0	NW 2	6.4	NW 13	32	NW 7
NW 9	NW 12	NW 12	NW 15	NNW 14	NNW 14	NNW 9	NNW 6	NNW 2	NNW 5	C 0	6.0	NW 15	32	NW 10
NW 6	NW 11	NW 13	NW 11	NW 11	NW 6	NNW 3	NNW 3	NNW 8	NNW 4	NNW 5	6.5	NW 13	27	+ 8
NW 10	NW 10	NW 11	NW 10	NW 11	NW 10	NW 8	NW 5	NW 8	N 5	N 5	6.5	NW 11	23	NW 15
NW 8	NW 10	NW 10	NW 11	NW 10	NW 10	NW 10	NNW 12	NNW 9	NNW 9	NNW 5	6.2	NNW 12	24	NW 10
NW 8	NW 10	NW 12	NW 13	NW 10	NW 13	NW 11	NNW 8	NNW 5	NNW 5	NNW 5	5.9	NW 13	27	NW 9
NW 11	NW 13	NW 12	NW 13	NW 12	NW 12	NW 12	NNW 6	NNW 7	NNW 7	NNW 7	6.2	NW 13	31	NW 8
NW 12	NW 13	NW 15	NW 15	NW 14	NNW 18	NNW 15	NNW 11	NW 9	NNW 7	NW 6	10.7	NNW 18	32	NNW 9
NW 21	NW 20	NW 19	NNW 19	NNW 20	NW 18	NW 14	NW 11	NW 11	NNW 5	N 6	12.1	NW 21	44	NW 13
N 5	N 6	NNW 8	N 7	NW 9	NW 11	NW 10	NNW 10	NNW 7	NNW 8	NNW 5	5.5	NW 11	24	NW 6

NOTA: O SIMBOLA + SIGNIFICA QUE EXISTEM DITOS OU MAIS RUMOS DIFERENTES

14=14H	14=15H	15=16H	16=17H	17=18H	18=19H	19=20H	20=21H	21=22H	22=23H	23=24H	V+MED	V+MAX	R+MAX	DP+TD
NNW 12	NNW 17	NNW 14	NW 13	NW 13	NNW 13	NW 8	NW 7	N 1	C 0	NNE 1	6.1	NNW 17	32	NW 10
NNW 7	NW 7	NW 8	NW 10	NW 11	NW 12	NW 11	NW 7	NW 6	NNW 3	NW 3	4.8	NW 12	30	NW 11
NW 13	NNW 15	NNW 16	NNW 19	NW 15	NW 15	NW 11	NW 10	NW 5	NW 6	NW 4	8.5	NNW 19	37	NW 21
NW 11	NW 13	NW 14	NW 12	NW 11	NW 13	NW 11	NW 9	NW 9	NW 5	NW 7	6.9	NW 14	40	NW 12
NW 13	NNW 15	NNW 15	NW 15	NW 14	NW 15	NNW 11	NNW 12	NW 8	NNW 4	C 0	9.3	+ 15	32	NNW 11
NW 13	NW 18	NW 15	NW 19	NW 17	NW 15	NW 11	NW 8	NW 10	NW 8	NW 7	8.2	NW 19	35	NW 14
NNW 11	NW 14	NNW 12	NNW 11	NNW 9	NW 7	NW 6	NW 5	NW 3	NW 8	NNW 6	6.8	NW 14	32	NNW 8
NNW 16	NNW 16	NNW 19	NNW 20	NNW 18	NNW 17	NNW 15	NW 10	NNW 7	NW 6	NNW 6	10.7	NNW 20	38	NNW 18
NW 15	NW 16	NNW 20	NNW 19	NNW 18	NW 12	NW 8	NW 8	NNW 8	NW 5	C 0	7.3	NNW 20	38	NW 11
NNW 17	NNW 22	NNW 27	NNW 22	NNW 19	NNW 14	NW 5	NW 6	NW 2	NW 4	C 0	8.2	NNW 27	44	NNW 10
NNW 7	NW 10	NW 16	NNW 18	NW 14	NW 8	NW 6	C 0	NNW 1	C 0	NW 2	5.7	NNW 18	35	NW 10
NNW 8	NNW 12	NNW 10	NNW 11	NNW 10	NNW 8	NW 2	NW 5	NNW 5	NW 8	NW 2	5.4	NNW 12	25	NW 11
NW 9	NW 8	NNW 11	NNW 9	NNW 9	NW 11	NNW 12	NW 10	NNW 11	NNW 7	NW 6	6.5	NNW 12	26	NW 10
NNW 16	NNW 17	NNW 17	NNW 16	NW 19	NW 14	NNW 11	NW 8	NNW 14	NNW 18	NNW 15	11.0	NW 19	40	NNW 1
NNW 23	NNW 24	NNW 26	NNW 27	NNW 29	NNW 25	NNW 19	NNW 13	NNW 9	NNW 7	NNW 7	15.2	NNW 29	54	NNW 22
NNW 14	NNW 16	NNW 20	NNW 24	NNW 22	NNW 20	NNW 15	NW 5	NNW 6	NNW 3	NNW 1	7.8	NNW 24	43	NNW 15
NNW 15	NNW 23	NNW 27	NNW 25	NNW 22	NNW 19	NW 15	NW 8	NW 6	NW 4	C 0	9.6	NNW 27	49	NNW 10
NNW 25	NNW 29	NNW 26	NNW 24	NNW 25	NNW 24	NNW 14	NNW 12	NNW 5	NNW 4	N 6	11.7	NNW 29	47	NNW 16
NNW 19	NNW 21	NNW 23	NNW 22	NNW 20	NNW 17	NW 7	NW 5	C 0	NNW 1	SE 2	11.9	NNW 23	47	NNW 6
N 6	NW 15	NNW 22	NNW 25	NNW 23	NNW 19	NNW 11	NNW 1	NW 3	NW 1	C 0	7.1	NNW 25	44	NNW 7
N 6	NW 8	NNW 18	NNW 22	NNW 21	NNW 19	NNW 9	NW 1	NW 5	NW 2	C 0	7.0	NNW 22	38	+ 6
NNW 12	NW 13	NW 12	NW 12	NW 16	NW 13	NW 9	NW 7	NW 6	NW 8	NW 3	5.8	NW 16	33	NW 13
NW 12	NW 14	NW 15	NW 19	NW 15	NW 12	NW 5	NW 3	NNW 1	NW 2	C 0	5.3	NW 19	37	NW 13
NW 13	NW 19	NNW 18	NW 22	NNW 14	NW 15	NW 9	NW 3	NW 4	C 0	NW 1	7.0	NW 22	39	NW 11
NNW 15	NW 14	NW 19	NNW 22	NNW 21	NNW 18	NW 9	NNW 10	NNW 9	NNW 9	NNW 8	8.0	NW 22	40	NW 11
NW 16	NNW 17	NNW 17	NW 17	NW 19	NW 13	NW 11	NNW 3	NW 3	N 1	C 0	9.3	NW 19	36	NW 12
NW 6	NW 10	NW 13	NNW 12	NW 12	NW 9	NW 7	NW 6	NNW 1	C 0	SSW 1	5.8	NW 13	30	NW 11
N 10	NNW 13	NW 13	NNW 13	NNW 9	NW 8	NNW 5	NW 2	C 0	C 0	C 0	8.3	S 19	31	+ 4
NNW 11	NW 12	NW 13	NW 14	NW 14	NW 14	NW 11	NNW 7	NNW 4	NNW 3	C 0	5.5	NW 14	32	NW 10
NW 10	NW 12	NW 16	NW 13	NW 11	NW 9	NW 9	NNW 7	NNW 11	NW 6	NW 7	6.0	NW 16	30	NW 16
NW 12	NW 12	NW 12	NNW 16	NNW 14	NNW 14	NNW 14	NNW 10	NNW 11	NNW 14	NNW 12	8.1	NNW 16	31	NW 12

NOTA: O SIMBOLA + SIGNIFICA QUE EXISTEM DITOS OU MAIS RUMOS DIFERENTES



SETEMBRO 1979

DIRECCAO E VELOCIDADE DO VENTO

DIA	-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H	
1	N	8 N	8 N	8 N	5 N	3 N	4 N	5 SW	2 NNW	5 N	10 N	7 NW	10 NNW	11
2	NW	11 N	13 N	8 NE	5 NE	4 FNF	3 N	6 N	10 NNW	10 N	7 NW	6 NW	7 NNW	12
3	N	1 C	0 C	0 C	0 C	0 NW	1 C	0 NW	1 NNW	2 NW	8 NW	8 NW	4 NNW	7
4	NW	2 N	1 C	0 SE	2 S	1 E	1 N	1 N	1 N	2 NW	2 NW	4 NW	5 NW	8
5	NNW	4 NW	2 NNW	4 N	3 NW	7 NW	7 NW	6 NW	7 NNW	7 N	7 NW	6 NW	5 NW	8
6	C	0 C	0 C	0 NNW	4 N	1 SF	9 NNW	3 NW	8 N	5 N	9 NNW	12 NNW	13 NNW	13
7	N	1 N	2 SE	1 SW	2 C	0 NW	9 NW	2 S	3 S	3 NW	6 NW	5 NW	5 NW	9
8	N	3 N	5 N	2 N	3 N	4 N	1 W	1 N	3 NNW	3 NW	4 W	5 NW	6 NW	6
9	N	3 NNW	2 C	0 NW	3 C	0 R	2 SSW	1 W	1 NNW	3 NNW	2 NNW	7 NNW	6 NNW	10
10	SF	2 SSE	4 SSW	5 SSW	6 S	10 R	9 S	R N	5 NW	4 NW	5 NW	6 NNW	11 NW	10
11	NNW	4 NNW	1 C	0 NNW	5 C	0 W	1 NW	1 NNW	4 NW	4 NW	2 NW	5 NW	8 NW	7
12	NNW	6 NNW	4 NNW	4 NW	5 NNW	3 NNW	4 NNW	4 NW	3 NW	4 NNW	4 NNW	3 NW	5 NNW	6
13	N	2 ENE	4 ESE	3 SE	2 ESE	3 NNW	1 C	0 N	1 C	0 NW	3 N	6 N	7 NNW	7
14	SF	1 S	6 N	5 N	3 S	3 RW	1 NE	2 NNW	2 S	3 NNW	5 N	6 SE	4 S	2
15	SSF	5 SE	7 SE	4 SE	4 ESE	8 RF	4 SE	4 NW	4 ESE	3 SE	12 SSE	8 ESE	10 S	7
16	N	6 SSE	3 SSE	2 E	3 S	5 R	4 R	5 S	4 S	6 SSE	7 SSE	9 NW	8 NW	8
17	C	0 N	3 NNW	2 SE	1 C	0 NNW	4 S	3 SSE	4 SSE	4 SE	2 SE	2 SSE	4 SSE	5
18	NNW	2 C	0 C	0 NNE	1 SE	4 C	0 N	2 N	2 E	1 NNW	2 SSE	2 SSE	3 NW	3
19	NNW	5 NNW	5 NNW	5 N	3 NNW	3 NNW	3 C	0 C	0 NNW	4 NNW	7 N	7 N	7 NNW	8
20	C	0 C	0 C	0 C	0 C	0 C	0 C	0 SSE	1 SSE	5 N	11 N	5 N	11 NNW	9
21	NNW	10 NNW	7 NNW	5 NNW	3 NNW	6 NNW	8 NNW	7 NNW	9 N	9 NNW	12 NNW	13 NNW	11 NNW	14
22	N	8 N	4 C	0 N	1 N	7 N	13 N	7 N	5 N	13 N	13 N	20 NNW	20 NNW	23
23	N	12 N	13 N	12 N	12 N	9 N	11 N	7 S	2 ENE	4 NE	9 NE	13 NE	14 NE	13
24	S	6 E	11 E	10 N	6 SW	4 F	7 E	5 E	9 NNE	6 N	11 NE	8 NE	8 N	15
25	N	3 C	0 N	2 N	2 NNW	3 NNW	3 NW	2 ESE	8 ESE	7 NW	3 E	3 E	8 NE	10
26	S	4 S	4 SW	4 NW	2 SE	7 F	9 FSE	4 E	5 SE	6 SSE	9 SSE	10 S	7 S	4
27	N	1 C	0 C	0 W	5 SW	5 RW	4 S	1 SW	5 SSW	9 SSW	2 SSW	2 SSW	4 SSW	8
28	N	3 NW	3 NW	1 NW	1 NW	2 NW	2 NW	1 NW	1 NW	1 NW	6 NW	10 NW	9 NW	6
29	N	1 NW	1 NNW	2 W	1 W	1 NNW	1 NW	3 NNW	2 W	3 SW	3 NNW	5 NNW	6 NNW	7
30	NNW	5 NNW	3 NNW	7 E	5 S	10 NW	4 NW	4 C	0 NE	5 E	3 NNW	3 NNW	5 NNW	8

M E D I A S

1A.DEC	3.5	3.7	2.8	3.3	3.0	3.4	3.3	4.1	4.7	6.0	6.6	7.2	9.4
2A.DEC	3.1	3.3	2.5	2.7	2.9	2.8	2.1	2.5	3.4	5.5	5.2	6.7	6.2
3A.DEC	5.3	4.6	4.3	3.8	5.4	4.7	4.1	4.6	6.3	7.1	8.7	9.2	10.8
MEB	4.0	3.9	3.2	3.3	3.8	4.1	3.2	3.7	4.8	6.2	6.9	7.7	8.8

OUTUBRO 1979

DIRECCAO E VELOCIDADE DO VENTO

DIA	-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H	
1	N	3 N	2 NW	2 N	2 C	1 N	2 NE	2 C	1 C	1 NE	4 NW	3 NW	4 NW	4
2	NW	5 C	0 C	1 S	2 S	5 C	0 SSE	4 S	6 S	5 SE	5 C	1 W	5 W	4
3	N	2 C	0 C	0 SSE	5 S	5 RF	10 SSE	11 SRE	12 SSE	13 SSE	12 S	10 S	7 S	11
4	N	12 NW	6 NW	6 NW	6 NW	6 NW	4 C	0 C	0 C	0 C	0 NW	2 C	1 C	1
5	S	10 S	12 S	11 S	12 S	17 S	18 S	23 S	26 S	24 S	33 S	23 S	24 S	26
6	S	17 S	8 SE	6 C	1 C	1 C	0 C	1 C	0 C	1 C	1 NW	2 W	3 NW	7
7	S	9 S	8 SE	7 SF	8 SE	5 RF	8 SE	9 SF	6 SE	9 S	3 S	13 S	14 S	16
8	S	24 S	28 S	22 S	24 S	22 S	23 S	20 S	21 SW	21 S	28 S	18 S	19 S	11
9	S	9 S	8 S	8 S	9 S	9 S	9 S	12 S	11 S	10 S	7 S	8 NW	3 SSE	6
10	SF	8 SSE	8 S	4 S	3 C	1 SRF	8 SSE	10 SRE	8 C	1 SW	4 W	5 W	4 W	5
11	SSF	12 SSE	12 SSE	14 SSE	14 SSE	16 SRF	10 SSE	34 SE	8 C	1 C	1 NW	4 S	4 S	12
12	S	4 S	5 SSE	5 SSE	5 SSE	7 SRF	10 SSE	9 S	9 S	10 W	14 SW	15 W	11 W	11
13	S	4 S	10 SSE	13 SSE	11 SSE	15 SRF	11 S	11 S	10 S	8 SSE	10 SSE	9 SSE	11 S	7
14	S	8 S	9 SW	7 W	8 W	8 NW	19 NW	2 NW	8 NW	14 NW	12 NW	12 NW	18 NW	13
15	S	9 S	15 S	9 S	11 S	15 R	13 S	9 W	9 NW	12 NW	14 W	16 NW	21 W	19
16	S	12 SSE	8 SSE	8 SSE	3 C	1 SRF	4 S	3 C	0 C	1 SSE	4 NNW	4 NNW	8 NW	9
17	SF	3 SE	4 N	3 N	3 SE	4 E	9 SE	6 C	0 C	0 C	0 C	0 C	0 C	1
18	SF	3 E	3 N	3 N	5 SE	4 F	7 E	3 E	7 SE	6 E	11 E	4 E	9 E	8
19	E	6 E	3 F	3 E	5 E	13 E	14 E	12 E	10 E	10 E	7 SW	4 SE	6 SE	8
20	E	3 C	1 S	2 SE	3 SE	4 N	3 N	5 S	3 C	0 C	1 C	0 N	2 N	3
21	ENE	14 SE	18 SE	7 SE	4 SSE	5 RW	3 C	1 W	2 S	2 C	1 NW	2 N	5 NW	3
22	SSE	3 C	1 S	3 S	3 S	2 R	7 S	6 S	4 S	4 NW	2 C	1 NW	8 NW	10
23	C	0 C	0 C	0 C	1 NW	3 NW	4 NW	6 NW	8 NW	8 NNW	13 NW	9 NW	12 NW	14
24	C	0 C	0 C	0 C	0 C	1 C	0 S	3 S	2 C	2 C	1 W	2 NW	6 NW	7
25	S	11 SW	14 SW	12 SW	11 W	9 RW	4 SW	7 W	3 C	1 NW	8 NW	14 NW	14 NW	15
26	W	9 W	11 W	12 W	19 NW	22 NW	4 NW	10 NW	13 NW	10 NW	3 NNW	12 NNW	17 NNW	15
27	S	2 SSE	4 SSE	4 SSE	4 SSE	3 SRF	4 SSE	4 C	1 C	1 S	2 C	1 C	1 NW	3
28	C	1 C	0 C	0 C	1 SSE	2 SRF	3 SSE	3 SRE	2 C	0 S	3 NW	3 NW	6 NW	9
29	SSF	3 SE	2 SSE	4 SRF	6 SSE	7 SRF	4 SSE	5 S	4 SSE	3 SSE	6 SSE	5 C	1 NW	3
30	C	1 C	1 C	1 C	1 C	1 SRF	3 S	3 S	6 S	7 S	8 S	3 C	1 NW	4
31	C	0 C	0 SSE	2 SRF	5 SSE	5 SRF	8 SSE	4 C	0 SSE	6 S	9 S	6 S	4 NW	7

M E D I A S

1A.DEC	9.9	8.0	6.6	7.2	7.1	8.9	9.2	9.1	8.5	9.7	8.5	8.4	9.1
2A.DEC	6.4	7.0	6.7	7.2	8.9	8.7	10.0	6.4	6.2	7.4	6.8	9.0	9.1
3A.DEC	4.0	4.6	4.1	5.0	5.5	4.8	4.2	4.1	4.0	5.1	5.3	6.8	8.2
MEB	6.7	6.5	5.7	6.4	7.1	7.4	8.0	6.5	6.2	7.3	6.8	8.0	8.8



14-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	V-MED	V-MAX	R-MAX	DP-TD	
NW 14	NW 17	NW 19	NW 15	NW 18	NNW 15	NNW 12	NW 11	NW 9	NNW 6	NNW 10	9.5	NW 18	35	N 9	
NW 16	NW 18	NNW 19	NNW 17	NW 17	NW 10	NW 7	NW 7	NW 3	NW 1	NW 2	9.1	NNW 19	37	NW 9	
NW 11	NW 11	NW 12	NW 12	NNW 12	NNW 10	NNW 7	NNW 5	NW 10	NW 4	NW 3	5.4	+	12	28	NW 12
NW 9	NW 7	NW 7	NW 11	NW 11	NNW 9	NW 4	NW 3	NW 5	NW 5	NNW 6	4.5	NW 11	25	NW 12	
NW 1	NW 14	NW 16	NW 12	NW 15	NW 13	NW 10	NW 8	NW 3	NW 2	SE 1	7.4	NW 16	25	NW 18	
NW 16	NW 19	NW 24	NNW 22	NNW 22	NW 16	NNW 12	NNW 8	NNW 10	NNW 12	N 6	10.0	NW 24	46	NNW 13	
NW 10	NW 12	NW 14	NW 13	NW 13	NNW 10	NW 8	NW 7	NW 7	NW 6	NNW 4	6.0	NW 14	28	NW 14	
NW 8	NW 9	NW 13	NW 10	NW 12	NW 12	NW 9	NW 10	NNW 9	N 7	NNW 8	6.4	NW 13	27	NW 9	
NW 10	NW 12	NW 13	NW 13	NW 11	NW 4	NW 4	N 4	S 4	SSE 1	SE 2	5.0	NW 13	22	+	7
NW 10	NW 11	NW 12	NW 11	NW 8	NW 8	NNW 5	N 5	NNW 5	NNW 6	C 0	6.8	NW 12	23	NW 9	
NW 8	NW 10	NW 9	NW 11	NW 7	NW 7	NW 8	NW 8	NW 7	NNW 5	NNW 6	5.3	NW 11	22	NW 15	
NW 9	NW 11	NW 15	NW 12	NW 13	NW 12	NW 9	NW 7	NNW 6	NNW 5	N 5	6.8	NW 15	30	NW 12	
NW 8	NW 9	NW 11	NW 12	NW 17	NW 11	NNW 7	NNW 5	NW 4	NNW 4	SE 1	5.3	NW 17	30	NW 6	
SE 7	SE 8	SE 2	SE 6	NNW 11	NNW 10	N 14	N 4	S 5	SSE 6	SE 3	5.1	N 14	26	S 6	
SE 9	NNW 11	NW 10	NW 10	NNW 11	NW 8	NW 6	N 6	S 7	N 3	N 4	7.0	SE 12	27	SE 7	
NW 11	NNW 11	NNW 13	NNW 9	NNW 9	NNW 4	NW 2	R 4	S 2	C 0	C 0	5.7	NNW 13	27	S 7	
NW 5	NW 5	NW 9	NNW 13	NW 7	NW 6	NW 6	NNW 7	NNW 6	N 2	ESE 1	4.2	NNW 13	29	NW 6	
NW 3	NW 3	NNW 5	NW 12	NW 16	NW 12	NW 11	NNW 8	NW 6	NW 5	NW 2	4.5	NW 16	28	NW 9	
NW 10	NNW 10	NW 12	NW 14	NW 16	NW 14	NW 8	NW 6	NW 6	NW 2	NW 5	6.6	NW 16	31	NNW 10	
NW 12	NNW 16	NW 16	NW 18	NW 14	NW 12	NW 10	NNW 13	NNW 11	NNW 9	NW 9	7.6	NW 18	38	+	7
NW 18	NW 18	NW 26	NNW 29	NNW 29	NNW 25	NNW 19	NNW 9	NNW 5	NNW 3	N 6	12.5	NNW 29	59	NNW 19	
NW 24	NW 21	NNW 29	NNW 28	NNW 14	N 18	N 13	N 12	N 10	N 11	N 11	13.5	NNW 29	57	N 16	
NW 14	N 17	NNW 23	NW 23	NNW 21	NNW 15	NNW 2	C 0	C 0	C 0	SSE 1	10.3	NNW 23	41	N 9	
NNW 18	NW 14	NNW 10	NW 19	NW 15	NW 13	NW 7	N 3	N 1	N 2	N 2	8.8	NW 19	40	N 7	
NW 11	N 11	N 18	NNW 21	NW 15	NW 14	NW 3	NW 2	C 0	C 0	N 3	6.3	NNW 21	39	N 6	
NW 6	NW 9	NW 13	NW 17	NW 14	NW 9	NW 5	NW 1	NW 1	NW 1	NW 2	6.4	NW 17	39	NW 11	
NW 10	NNW 11	NNW 10	NNW 8	NNW 4	NNW 4	NNW 2	NW 5	NW 1	C 0	NW 3	4.5	NNW 11	24	NNW 8	
NNW 7	NW 8	NNW 6	NW 9	NW 11	NW 12	NW 7	NW 4	NW 3	C 0	NW 1	4.8	NW 12	18	NW 21	
NNW 8	NNW 8	NW 14	NW 13	NW 10	NW 7	NW 9	NW 9	NNW 8	NW 2	N 2	5.3	NW 14	28	NW 10	
NNW 6	NNW 8	NW 12	NW 12	NW 8	NNW 5	NW 7	NW 6	NW 5	NNW 6	N 1	5.8	NW 12	26	NW 8	

11.4	13.0	14.6	13.6	13.9	10.6	7.8	6.8	6.2	5.0	4.2	7.0	15.2
8.2	9.4	10.5	11.8	12.1	9.4	8.2	6.9	6.2	4.1	3.6	5.8	14.5
12.2	12.5	16.1	17.9	14.5	12.2	7.4	5.1	3.4	2.5	3.2	7.8	18.7
17.6	11.6	13.7	14.4	13.5	10.8	7.8	6.3	5.3	3.9	3.7	6.9	16.1

NOTA: O SIMBLO + SIGNIFICA QUE EXISTEN DATS BU HATS RUMMS DIFERENTES

14-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	V-MED	V-MAX	R-MAX	DP-TD		
NW 6	NW 10	NW 12	NW 9	NW 5	C 0	C 1	C 1	C 1	NW 2	NW 2	3.3	NW 12	29	NW 11		
NW 5	NW 15	NW 16	NW 10	NW 8	NW 6	C 1	C 0	C 0	C 0	C 0	4.3	NW 16	29	C 9		
S 13	S 14	S 10	C 1	C 1	C 1	S 9	NW 5	C 1	NW 6	NW 6	6.9	S 14	32	S 8		
S 25	S 28	S 28	S 25	S 22	R 22	S 23	C 1	S 23	S 25	S 25	22.0	S 23	73	S 24		
N 4	S 4	S 6	N 6	NW 9	NW 3	C 0	S 4	SE 7	SE 10	SE 8	4.5	S 17	51	C 8		
S 15	S 15	S 15	S 13	S 20	R 20	S 32	S 37	S 29	S 32	S 23	15.3	S 37	63	S 17		
S 16	SE 15	S 12	N 7	N 6	N 4	S 4	S 5	S 7	S 6	S 7	15.4	S 28	65	S 18		
SE 6	SSE 6	S 2	NW 9	NW 5	C 1	C 1	S 5	S 6	SSE 8	SSE 8	6.9	R 12	34	S 14		
N 6	N 10	N 16	NW 15	NW 9	NW 5	NW 3	R 5	SSE 6	SSE 9	SSE 10	6.8	NW 16	40	SSE 8		
S 13	S 4	SE 4	SSE 6	S 7	R 6	S 7	SSE 9	SSE 10	SSE 10	SSE 10	9.5	SSE 24	60	SSE 12		
NW 7	NW 3	N 7	N 8	NW 12	NW 8	S 5	N 8	NW 7	S 10	S 4	8.1	SW 15	37	N 7		
S 11	S 14	SW 8	SW 8	SW 10	R 10	S 10	R 12	S 12	S 14	S 15	1.0	+	15	S 13		
NW 12	NW 17	NW 17	NW 10	N 6	SW 7	S 8	S 9	S 9	SW 9	S 20	1.9	C 20	44	NW 12		
NW 17	N 18	NW 13	N 8	NW 8	N 4	S 4	SSE 10	SSE 12	SSE 12	SSE 12	12.2	NW 21	51	S 8		
N 4	N 4	NW 8	N 8	NW 15	NW 15	NW 5	NW 3	C 0	C 0	C 0	5.3	NW 15	27	+	6	
S 3	SE 5	N 6	N 9	N 12	N 13	N 8	C 0	S 4	S 3	SE 5	4.2	N 13	25	+	7	
S 9	E 9	E 10	E 9	E 12	F 8	S 3	F 3	C 0	C 0	NE 4	5.9	E 12	30	E 15		
SE 10	SE 14	SE 13	C 0	C 1	NNW 4	N 5	N 2	SE 2	S 2	E 2	6.7	E 18	37	E 11		
NW 4	N 8	NW 4	SE 8	SE 13	SE 14	SE 9	SE 17	SE 17	SE 15	SE 10	6.3	SE 17	31	SE 10		
C 0	ESE 4	ESE 6	SE 7	SE 4	SE 5	S 3	SSE 4	C 1	C 1	C 1	4.3	SE 18	26	+	6	
NW 6	NW 15	NW 17	NW 15	NW 12	NW 12	NW 8	NW 4	C 1	C 0	C 0	6.0	NW 17	29	NW 11		
NW 18	NW 19	NW 18	NW 17	NNW 16	NW 10	NW 4	NW 3	C 0	C 0	C 0	7.7	NW 19	33	NW 15		
NNW 7	NNW 11	NNW 12	NNW 7	N 5	S 4	S 7	S 8	S 9	SW 12	SW 9	4.8	+	12	25	+	7
NW 18	NW 14	NW 14	NW 14	NW 10	NW 8	SW 2	SW 5	SW 2	N 5	N 4	9.1	NW 18	42	NW 10		
NNW 19	NNW 23	NNW 23	NW 13	NW 8	NW 5	NW 6	NW 4	C 0	C 0	C 1	11.0	NNW 23	46	NW 11		
NW 13	NW 12	NW 12	NW 14	NW 10	NW 8	NW 11	NNW 4	NNW 2	C 0	SSE 3	5.1	NW 14	27	NW 8		
NW 10	NW 13	NW 18	NW 16	NW 12	NNW 11	NNW 6	C 1	C 1	S 4	S 4	5.3	NW 18	28	+	8	
NW 7	NW 14	NW 16	NW 18	NW 15	NW 6	NW 5	NW 4	NW 2	NW 2	NW 2	6.2	NW 18	33	NW 12		
NW 8	NW 9	NW 10	NW 14	NW 12	NW 5	NW 4	C 1	S 2	S 4	S 2	4.8	NW 14	23	+	8	
NW 6	NW 8	NNW 7	NNW 7	NNW 9	NNW 3	C 1	NE 5	NE 3	E 3	E 2	4.5	+	9	17	SSE 6	

10.0	12.2	12.1	9.8	9.2	6.8	7.7	8.6	8.5	10.2	9.4	8.9	19.7
9.0	9.6	9.0	7.4	9.6	8.8	6.4	7.3	7.3	7.6	8.2	8.0	18.0
10.2	12.9	13.9	12.9	10.3	7.0	5.2	4.0	2.3	2.5	2.5	6.2	16.4
9.7	11.6	11.7	10.1	9.7	7.5	6.4	6.5	5.9	6.6	6.6	7.7	18.0

NOTA: O SIMBLO + SIGNIFICA QUE EXISTEN DATS BU HATS RUMMS DIFERENTES



NOVEMB- 1979

DIRECCAO E VELOCIDADE DO VENTO

Table with columns for time intervals (-1H to 12-13H) and rows for wind direction and speed data (1-30).

M F D I A S

Summary table for November 1979 with columns for days of the month and rows for wind direction and speed (1A-DEC, 2A-DEC, 3A-DEC, MES).

DEZEMB- 1979

DIRECCAO E VELOCIDADE DO VENTO

Table with columns for time intervals (-1H to 12-13H) and rows for wind direction and speed data (1-31).

M F D I A S

Summary table for December 1979 with columns for days of the month and rows for wind direction and speed (1A-DEC, 2A-DEC, 3A-DEC, MES).



14-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	V-MED	V-MAX	R-MAX	DP-TD					
C 0 C 0 C 0 C 0 C 0 C 0 N 5 N 8 N 5 SE 8 NNW 3	2+0 + 8 20 C 12	NNW 4 NNW 5 NNW 4 NNW 9 N 13 SSW 3 E 2 C 1 ESE 4 ESE 5 ENE 3	3+3 N 13 20 C 7	NNW 10 NNW 10 NNW 11 NNW 12 NNW 12 NNW 10 NNW 5 C 0 C 1 C 1 NNW 4	4+7 NNW 12 22 NNW 7	NNW 11 NNW 13 NNW 12 NNW 9 NNW 8 NNW 4 C 0 C 0 C 0 C 0	4+3 NNW 13 21 C 10	NNW 15 NNW 16 NNW 14 NNW 13 C 1 C 0 NNW 3 NNW 2 SSE 7	5+1 NNW 16 26 NNW 13	NNW 11 NNW 11 NNW 11 NNW 11 NNW 11 NNW 11 NNW 2 C 1 C 0 C 0	4+7 NNW 11 19 NNW 7	NNW 9 NNW 9 NNW 5 NNW 3 NNW 8 NNW 9 NNW 8 NNW 5 C 1 N 2 N 3	4+4 NNW 9 20 + 8	E 2 NNW 2 NE 2 NNW 2 NE 1 NNW 2 C 0 FSE 2 ESE 11 ENE 3 ESE 5	2+5 ESE 11 19 NNW 8	E 11 NNW 16 NNW 21 NNW 20 NNW 14 NNW 19 NNW 11 NNW 9 NNW 16 N 11 N 10	8+7 NNW 21 41 NNW 8	NNW 6 NNW 8 NNW 10 NNW 11 NNW 9 N 4 E 1 C 0 SSW 1 SSE 1 SSE 6	3+5 NNW 11 18 NNW 8
NNW 1 NNW 5 NNW 5 NNW 8 NNW 6 NNW 3 N 2 S 2 S 2 S 6 S 4	3+9 SSW 7 19 S 8	NNW 7 N 5 NNW 7 N 8 SW 5 SSW 7 SSW 8 SSW 7 WSW 7 SW 8 NNW 14	6+5 NNW 14 36 S 10	NNW 12 NNW 9 NNW 12 NNW 15 NNW 11 NNW 10 NNW 10 NNW 11 NNW 10 NNW 9 NNW 17	8+8 NNW 17 36 NNW 13	NNW 18 NNW 19 NNW 22 NNW 18 NNW 14 NNW 17 NNW 15 NNW 9 NNW 15 NNW 9 NNW 4	14+3 NNW 25 50 NNW 11	NNW 16 NNW 19 NNW 13 NNW 6 NNW 1 C 0 NNW 1 NNW 2 NNW 2 NNW 2	6+7 NNW 19 59 NNW 11	NNW 8 NNW 14 NNW 16 NNW 14 NNW 7 NNW 5 NNW 3 N 1 NNW 1 C 0 C 0	4+1 NNW 16 31 NNW 8	NNW 18 NNW 17 NNW 18 NNW 15 NNW 16 NNW 13 NNW 13 NNW 14 NNW 15 NNW 20 NNW 18	9+5 NNW 20 35 NNW 13	NNW 19 NNW 20 NNW 21 NNW 18 NNW 16 NNW 11 NNW 7 NNW 9 NNW 13 NNW 9 NNW 3	13+5 NNW 21 25 NNW 24	NNW 6 NNW 12 NNW 10 NNW 11 NNW 7 N 1 N 2 C 0 S 2 C 0 C 0	2+8 NNW 12 22 C 11	NNW 7 NNW 8 NNW 10 NNW 14 NNW 8 NNW 3 N 2 C 0 C 0 SSW 1 SSW 2	3+6 NNW 14 25 + 8
F 15 E 18 E 15 E 12 E 16 F P3 E 22 FSE 28 ESE 27 F 22 SE 13	12+4 ESE 28 52 E 10	ESE 13 ESE 7 ESE 3 E 5 E 1 FSE 3 E 8 F 6 E 7 E 8 ESE 4	7+6 + 15 28 + 8	SW 3 NW 1 NNW 4 N 3 C 0 W 1 S 3 R 4 S 5 S 5 S 7	4+5 NNW 11 23 + 5	SSW 10 SSW 1 C 0 C 0 C 0 C 0 C 0 FSE 5 SBE 7 ESE 7 SE 6	5+7 S 11 22 S 11	SSE 10 SSE 3 C 1 C 1 C 1 C 0 R 3 S 5 S 2 S 3 S 5 S 5	5+9 SSE 12 24 + 6	C 1 NW 1 NNW 3 C 0 C 0 C 0 C 0 SE 2 SSE 4 SSE 6 SSE 9 S 10	4+4 S 10 15 S 8	N 5 SE 3 SSE 4 S 5 SE 5 SSW 10 SE 10 SE 9 S 10 S 10 SSE 10	8+9 S 14 21 S 12	S 19 S 7 S 6 S 5 SSE 10 R 19 S 9 SSE 7 SE 7 SSE 9 SE 6	7+8 SE 15 36 SSE 11	C 1 C 1 SSW 2 SSE 6 S 5 S 8 R 12 S 4 S 6 S 6 S 5	6+8 S 11 15 S 19		

5+8	8+3	9+1	9+5	9+0	5+8	6+4	2+7	4+3	3+3	4+1	4+4	12+8
11+2	12+4	13+4	12+5	9+1	7+0	6+3	5+5	6+8	6+4	6+4	7+4	16+5
7+7	5+0	3+9	3+9	4+4	6+4	7+2	7+5	8+5	8+7	7+2	7+2	14+7
8+2	8+6	8+8	8+6	7+5	6+3	6+0	5+2	6+5	6+1	5+9	6+3	14+6

NOTA: O SIMBOL + SIGNIFICA QUE EXISTEM DOTS MU MAIS RUMOS DIFERENTES

14-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	V-MED	V-MAX	R-MAX	DP-TD					
SSE 6 SSW 3 S 2 C 1 C 0 SRF 3 SSW 4 R 3 S 3 SSW 3 SSW 2	4+0 S 8 16 S 14	SW 2 C 0 C 0 SSW 3 SSW 4 R 4 S 4 S 5 S 7 SSE 9 S 10	4+8 S 10 15 SSW 10	S 3 SW 2 SSW 2 S 4 S 4 S 6 R 3 S 3 SSE 4 SSE 5 SSE 5 SSW 7	6+5 S 10 16 S 17	S 3 C 0 S 4 S 4 S 3 C 0 SSW 2 SSE 6 SSE 7 SSE 5 S 9	6+0 + 10 14 S 16	S 2 SSE 5 SSE 2 S 2 S 2 SRF 3 S 3 SF 4 SE 7 SSE 5 SSE 6	6+0 S 11 15 S 14	NNW 7 NNW 5 NNW 3 NNW 5 N 3 C 0 S 3 RRE 4 SSE 6 SSE 7 SE 8	4+3 SE 8 12 S 8	S 12 S 9 S 10 S 9 S 7 R 13 S 14 S 16 S 10 S 12 S 13	12+0 SSE 21 34 S 13	SSE 8 SSE 7 S 3 S 5 SSE 7 RRF 8 SRF 7 R 3 S 3 SSE 2 SSE 2	8+8 S 16 32 S 11	SSW 4 SW 5 S 4 SW 3 W 5 W 5 WSW 5 WSW 4 W 6 W 3 WSW 5	5+2 SSE 9 18 SSE 11	SSW 9 WSW 10 WSW 10 SW 7 SW 8 WSW 10 SW 8 SW 8 WSW 8 N 10 N 11	7+1 + 11 28 SW 9
N 5 WSW 2 SW 2 S 2 S 2 S 2 C 0 C 0 C 0 SBE 4 SSW 2 SSE 4	6+9 NNW 16 28 N 8	N 8 W 7 SW 2 SW 2 SW 2 SW 2 WSW 3 S 4 SSE 4 SSE 2 SSE 5 SSE 4	5+3 + 8 22 SSE 13	S 12 SW 16 W 11 NW 17 NW 8 NNW 10 NNW 6 NW 7 NW 5 NW 8 NW 6	9+0 NW 17 50 S 13	S 5 W 6 WSW 5 WSW 4 NW 3 RRF 4 SRF 8 SSE 9 SSE 11 SSE 10 SSE 10	5+7 SSE 11 16 SSE 13	F 12 NW 11 NW 5 NW 10 NW 3 NNW 3 W 2 NNW 5 NW 2 NNW 2	7+7 NNW 15 34 NW 7	N 9 NNW 5 N 6 N 6 E 2 C 0 C 0 S 2 S 2 SSE 4 SSE 3	3+8 NW 9 16 + 8	F 5 N 8 N 9 N 9 N 12 N 11 N 8 N 7 N 6 N 4 C 0	4+4 N 12 20 N 10	F 6 E 13 E 10 ENE 7 ENE 7 F 1P E 11 F 15 E 12 NE 5 NNE 7	5+9 E 15 34 E 8	N 25 N 27 N 23 N 20 N 15 N 18 N 13 N 11 N 3 N 3 NNE 8	10+5 N 27 44 N 18	NNW 8 NNW 14 NNW 16 NNW 11 N 7 N 8 N 11 N 9 NNW 9 NNW 6 NNW 7	6+4 NNW 16 32 NNW 10
F 6 N 8 NNW 13 NNW 10 NNW 8 NNW 5 N 3 RSW 4 SSE 5 SSE 4 SE 3	5+3 NNW 13 22 NNW 5	SW 2 SSE 3 SSE 2 S 2 NW 5 NW 5 NW 7 NW 8 NW 4 W 2 SW 2	4+2 NW 8 20 + 8	WSW 13 WSW 10 SW 10 SW 10 SW 10 SW 11 SW 11 SW 12 SW 13 SW 14 SW 14	8+3 + 14 32 SW 18	SW 12 SW 9 NNW 9 NW 5 NW 3 RW 5 SE 5 SSE 3 SW 4 SW 5 SW 6	7+5 SW 12 32 SW 15	S 9 S 9 S 8 S 3 SSE 6 RRE 4 SSE 12 SSE 9 SSE 7 SSE 4 S 3	6+3 NNW 16 43 NNW 9	C 18 S 15 S 20 S 21 S 16 R 19 S 20 S 21 S 22 S 20 S 15	16+2 S 23 45 S 15	NNW 12 NNW 14 NNW 12 NNW 13 NNW 7 N 3 N 5 N 2 N 2 SE 3 SE 2	5+0 NNW 14 24 NNW 11	SSW 2 NW 2 NNW 2 NNW 2 C 0 C 0 SSE 3 SSE 4 SSE 4 SSE 5	4+5 S 11 16 S 9	N 8 NNW 13 NNW 13 NNW 8 NNW 11 NNW 14 NNW 15 NNW 15 NNW 15 NNW 16	8+7 + 16 32 SSE 8	NW 14 NW 14 NW 9 NW 9 NW 9 NW 4 NW 5 WNW 6 WNW 6 WNW 5 WNW 6	8+7 NW 15 30 NW 20
5+6	4+6	4+0	4+3	4+5	4+7	5+3	5+7	6+7	6+1	7+3	6+5	11+4							
9+5	10+9	8+9	8+8	6+1	6+8	6+3	6+9	5+9	4+9	5+1	6+6	14+6							
9+6	10+2	10+4	8+8	7+6	7+9	7+7	7+7	7+3	6+9	6+8	7+6	14+5							
8+3	8+6	7+8	7+4	6+1	6+8	6+5	6+8	6+6	6+0	6+4	6+9	13+5							

NOTA: O SIMBOL + SIGNIFICA QUE EXISTEM DOTS MU MAIS RUMOS DIFERENTES



FEVEREIRO 1979

RADIACAO SOLAR DIRECTA

DIA	HORA	MASSA TSV	T.VAP. M	INTENSIDADE			TURV. T	A.PREC. #(CM)
				S.F.	F.OG1.	F.RG11		
26	12	1.53	6.4	1209	1009	833	3.5	.2
	15	2.29	6.3	1045	891	747	3.2	.4
27	12	1.51	7.0	1249	1021	847	3.2	.3
	15	2.27	7.7	1048	889	757	3.2	.2

MARCO 1979

RADIACAO SOLAR DIRECTA

DIA	HORA	MASSA TSV	T.VAP. M	INTENSIDADE			TURV. T	A.PREC. #(CM)
				S.F.	F.OG1.	F.RG11		
1	9	2.23	8.4	1146	935	770	2.8	1.3
2	12	1.48	8.1	1317	1063	858	2.9	.8
	15	2.20	7.7	1124	932	762	2.9	.8
10	12	1.40	11.6	1274	1010	816	3.3	1.8
12	12	1.39	12.5	1186	976	809	3.8	1.4
	15	1.99	12.5	1191	904	755	2.9	2.6
21	9	1.86	9.7	1014	863	722	3.9	.5
30	12	1.25	7.5	1294	1042	848	3.5	.7
31	9	1.71	7.6	1116	943	786	3.6	.3
	12	1.26	7.2	1187	983	815	4.1	.4

ABRIL 1979

RADIACAO SOLAR DIRECTA

DIA	HORA	MASSA TSV	T.VAP. M	INTENSIDADE			TURV. T	A.PREC. #(CM)
				S.F.	F.OG1.	F.RG11		
16	12	1.16	11.5	1217	969	781	4.2	1.6
	15	1.55	13.6	1032	843	690	4.4	1.7
17	9	1.54	12.4	1175	902	783	3.6	1.8
	12	1.15	8.5	1341	1067	865	3.5	.6
18	15	1.53	8.4	1289	1039	844	3.0	.7
	21	1.14	14.2	1279	1018	819	4.1	1.1
24	15	1.51	13.2	1084	903	707	4.3	1.4
	15	1.48	11.1	1178	952	775	3.6	1.1
27	15	1.47	8.3	1267	1024	837	3.5	.6
28	9	1.47	7.2	1226	1005	826	3.4	.4



MALU 1979

RADIACAO SOLAR DIRECTA

DIA	HORA	MASSA TSV	TEMP. M	UMID. E	INTENSIDADE			TURV. T	A.PREC. W (CM)
					S.F.	P.001	P.0011		
4	9	1.44	10.9	1230	1000	810	3.5	.7	
	12	1.10	10.7	1351	1066	861	3.6	.9	
	15	1.44	11.1	1203	911	789	3.8	2.3	
8	15	1.42	12.5	1222	977	802	3.6	1.1	
	9	1.41	11.0	1091	895	745	4.5	.6	
10	15	1.41	13.5	1282	995	800	3.3	2.3	
	12	1.09	16.2	1242	993	808	4.3	1.0	
11	15	1.41	17.0	1083	889	734	4.6	1.0	
	09	1.41	11.3	1258	1004	781	3.4	2.2	
	12	1.09	14.0	1326	1036	833	3.7	1.5	
12	15	1.41	14.4	1192	959	781	3.8	1.2	
	09	1.40	14.4	1268	1008	817	3.3	1.2	
13	9	1.40	15.2	1074	890	740	4.6	.8	
	12	1.08	18.7	1172	947	780	4.9	1.0	
14	9	1.40	13.1	1235	941	816	3.5	1.5	
	15	1.40	14.2	1165	945	773	4.0	.9	
31	9	1.35	11.9	1122	884	727	4.5	2.3	

JUNHO 1979

RADIACAO SOLAR DIRECTA

DIA	HORA	MASSA TSV	TEMP. M	UMID. E	INTENSIDADE			TURV. T	A.PREC. W (CM)
					S.F.	P.001	P.0011		
6	12	1.05	18.6	1200	954	781	5.0	.6	
	09	1.33	12.8	1275	1020	827	3.5	.9	
28	15	1.33	14.3	1157	945	763	4.3	1.0	
	9	1.33	18.2	1188	943	761	4.1	1.9	

JULHO 1979

RADIACAO SOLAR DIRECTA

DIA	HORA	MASSA TSV	TEMP. M	UMID. E	INTENSIDADE			TURV. T	A.PREC. W (CM)
					S.F.	P.001	P.0011		
2	9	1.33	11.3	1329	1060	857	3.2	.6	
	12	1.05	13.4	1368	1074	864	3.6	1.1	
	15	1.33	13.1	1239	995	811	3.8	.9	
3	12	1.05	14.4	1308	1039	820	4.0	1.1	
	15	1.33	14.6	1096	905	747	4.7	.6	
9	15	1.34	21.5	1010	817	681	5.4	2.1	
	13	1.34	16.0	1125	912	747	4.5	1.2	
13	12	1.07	18.2	1230	974	781	4.4	1.8	
	15	1.36	20.1	1091	881	725	4.5	1.5	
	9	1.36	14.5	1122	912	745	4.3	1.2	
14	12	1.07	17.3	1176	944	774	4.8	1.1	
	15	1.35	17.2	1055	853	699	4.9	1.8	
	9	1.37	15.4	954	774	620	5.5	3.4	
15	12	1.06	18.8	1027	805	646	6.6	4.8	
	9	1.36	18.4	929	748	613	5.7	3.3	
25	12	1.07	20.6	1149	918	749	5.0	1.8	
26	12	1.07	18.0	1245	974	799	4.3	1.6	
27	12	1.07	19.8	1283	997	817	4.0	1.6	
28	15	1.40	21.6	1191	951	771	3.8	1.5	
	15	1.39	21.7	1188	945	775	3.8	1.4	



AGOSTO 1979

KADJACAU SOLAR DIRECTA

VIA	HORA TBY	MASSA M	EVAP. E	INTENSIDADE			TURV. T	A.PREC. M(CH)
				S.F.	F.OUL.	F.RUJ1		
4	9	1:41	16:6	1126	919	744	4.1	1.3
	12	1:09	18:9	1190	959	779	4.7	1.2
5	15	1:42	18:6	1126	937	766	4.2	1.6
6	19	1:42	16:2	1178	945	767	3.9	1.4
9	15	1:44	21:5	1228	966	777	3.6	2.0
	19	1:45	20:1	1209	946	776	3.6	2.1
10	12	1:11	18:3	1314	1014	822	3.8	2.1
	15	1:46	27:5	1182	951	772	3.6	1.4
11	19	1:44	18:0	1258	995	791	3.4	1.9
	12	1:10	29:7	1228	1026	825	4.4	1.6
15	15	1:45	13:9	1042	860	705	4.6	1.2
	9	1:45	20:4	1050	862	706	4.8	1.4
20	12	1:11	14:2	1320	1021	811	3.8	2.4
	15	1:50	17:5	1129	905	724	4.0	1.6
21	9	1:50	12:6	1114	931	763	4.1	1.5
	12	1:13	13:5	1220	975	796	4.5	1.1
18	15	1:50	13:0	1112	903	738	4.1	1.3
	15	1:51	17:3	995	840	702	4.8	1.6
22	9	1:52	12:8	1196	971	797	3.5	1.8
24	12	1:14	15:3	1296	1027	836	3.9	1.2
	15	1:52	16:2	1139	920	762	3.0	1.2
25	9	1:53	14:4	1088	878	722	4.2	1.6
	12	1:15	16:8	1304	1022	830	3.6	1.4
15	15	1:53	12:8	1250	978	806	3.2	1.7
	9	1:54	14:6	1132	922	759	4.0	1.0
12	12	1:16	18:1	1199	962	786	4.3	1.1
	15	1:54	16:4	1025	842	694	4.6	1.3
29	12	1:56	17:3	1066	876	724	4.1	1.0

SETEMBRO 1979

KADJACAU SOLAR DIRECTA

VIA	HORA TBY	MASSA M	EVAP. E	INTENSIDADE			TURV. T	A.PREC. M(CH)
				S.F.	F.OUL.	F.RUJ1		
1	12	1:18	19:6	1166	919	737	4.5	2.7
	15	1:59	19:7	1240	967	771	3.2	2.7
2	19	1:60	18:6	1086	917	747	4.0	1.6
5	15	1:02	18:0	1039	847	692	4.3	1.7
	12	1:20	18:2	1159	930	758	4.6	1.4
15	15	1:05	17:8	1040	855	708	4.3	1.3
	9	1:07	8:7	1265	1006	818	2.7	1.4
23	12	1:32	8:6	1374	1075	801	2.9	1.5
	12	1:32	11:2	1287	1025	817	3.4	1.4
15	15	1:09	11:6	1075	880	715	3.5	1.4
	12	1:36	15:4	1029	852	702	4.9	1.2
29	12	1:36	16:4	1114	898	735	4.3	1.6

OCTUBRO 1979

KADJACAU SOLAR DIRECTA

VIA	HORA TBY	MASSA M	EVAP. E	INTENSIDADE			TURV. T	A.PREC. M(CH)
				S.F.	F.OUL.	F.RUJ1		
17	12	1:53	15:1	1192	935	744	3.6	1.7



DEZEMBRO 1979

RADIACAO SOLAR DIRECTA

DIA	HORA	MASSA TbV	T.VAP. M	INTENSIDADE			TURV. T	A.PREC. W(CM)
				S.F.	F.061	F.KU11		
4	12	2.17	1.15	1.59	872	701	3.2	3.0
21	19	4.13	5.2	985	853	713	2.2	1.0
	12	2.25	5.6	1197	987	812	2.6	1.0
	15	4.13	6.1	863	765	655	2.7	.5







MARCO DE 1979 COIMBRA INSOLACAO																		
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T. DIARIO	KIMS.
1			0.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.0			9.3	83
2			0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			9.9	87
3			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			10.2	90
4			0.0	0.0	0.5	1.0	0.8	0.8	0.5	0.6	0.8	0.7	0.5	0.0			8.4	56
5			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0			0.1	1
6			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0			0.1	1
7			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.5	0.1	0.0			1.5	13
8			0.0	0.0	0.2	0.7	0.2	0.4	0.7	0.9	0.0	0.5	0.1	0.0			3.7	32
9			0.0	0.0	0.3	0.6	1.0	0.9	1.0	0.7	1.0	1.0	1.0	0.2			7.7	66
10			0.0	0.4	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.8	0.0			8.6	74
11			0.1	1.0	1.0	0.5	0.9	1.0	0.9	0.8	0.8	1.0	0.9	0.0			9.0	77
12			0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2			8.7	74
13			0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0			1.3	11
14			0.0	0.0	0.0	0.2	0.7	0.7	0.6	0.6	0.6	0.7	0.2	0.1			4.4	37
15			0.2	0.7	0.9	0.1	0.0	0.0	0.5	0.5	0.7	0.7	0.2	0.0			4.6	39
16			0.0	0.1	0.3	0.4	0.4	0.2	0.4	0.1	0.2	0.0	0.3	0.0			2.4	20
17			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.7	0.1			1.4	12
18		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.6	0.0	0.0		2.0	17
19		0.0	0.2	0.7	0.6	0.1	0.5	0.2	0.3	0.4	0.2	0.8	0.3	0.0	0.0		4.3	35
20		0.0	0.0	0.1	0.6	0.0	0.0	0.7	0.3	0.6	0.5	0.5	0.2	0.2	0.0		1.9	32
21		0.0	0.0	0.4	1.0	0.9	0.5	0.0	0.0	0.4	0.5	0.2	0.5	0.0	0.0		4.7	39
22		0.0	0.0	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.9	7
23		0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.5	4
24		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.2	2
25		0.0	0.0	0.1	0.6	0.5	0.7	0.6	0.6	0.7	0.6	0.3	0.1	0.0	0.0		5.0	41
26		0.0	0.0	0.2	0.1	0.2	0.4	0.3	0.7	0.7	0.6	0.9	0.7	0.4	0.0		5.0	40
27		0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0		1.2	10
28		0.0	0.0	0.0	0.1	0.3	0.6	0.6	0.6	0.7	0.9	0.5	0.6	0.2	0.0		5.1	41
29		0.0	0.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.6	0.2	0.0		8.8	72
30		0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.6	0.9	0.9	0.4	0.0		9.7	77
31		0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.3	1.0	0.0	0.0		9.6	75
TOTAL		0.0	1.8	9.7	14.8	14.2	15.4	15.1	15.2	15.4	15.7	15.9	14.2	2.9	0.0		150.2	
MEGIA		0.0	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.0		4.8	40

ABRIL DE 1979 COIMBRA INSOLACAO																		
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T. DIARIO	KIMS.
1		0.0	0.4	1.0	1.0	1.0	1.0	0.7	0.7	0.8	0.7	0.8	0.5	0.4	0.0		9.0	71
2		0.0	0.0	0.1	0.0	0.2	0.1	0.4	0.2	0.3	0.3	0.4	0.3	0.1	0.0		2.4	19
3		0.0	0.0	0.3	0.5	0.7	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.5	0.0		3.0	24
4		0.0	0.0	0.0	0.1	0.4	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1.3	10
5		0.0	0.1	0.7	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0		10.3	80
6		0.0	0.0	0.4	1.0	1.0	0.8	0.8	0.4	0.6	0.5	0.2	0.3	0.0	0.0		6.0	47
7		0.0	0.0	0.6	0.6	1.0	0.7	0.5	0.9	1.0	1.0	0.8	0.8	0.7	0.0		8.6	67
8		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0		0.1	1
9		0.0	0.0	0.1	0.5	0.1	0.0	0.0	0.1	0.4	0.0	0.2	0.2	0.1	0.0		1.7	13
10		0.0	0.0	0.3	0.1	0.0	0.4	0.1	0.1	0.5	0.1	0.2	0.3	0.1	0.0		2.2	17
11		0.0	0.2	0.3	0.6	0.4	0.8	0.5	0.6	0.7	0.7	0.5	0.5	0.0	0.0		5.8	44
12		0.0	0.3	0.6	0.5	0.4	0.9	0.8	0.7	0.6	0.2	0.0	0.0	0.0	0.0		5.0	38
13		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1		0.5	4
14		0.0	0.7	0.9	0.4	0.5	0.8	0.6	0.6	0.7	1.0	0.8	0.6	1.0	0.2		8.8	67
15		0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.1		11.8	89
16		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0		12.1	91
17		0.0	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0		10.0	75
18		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		12.3	92
19		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1		12.3	92
20		0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.9	0.0		10.9	81
21		1.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.0	0.0		7.5	56
22		0.0	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.1		7.0	52
23		0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.8	6
24		0.0	0.0	0.4	0.5	0.6	0.4	0.3	0.6	0.6	0.8	0.8	0.6	0.7	0.1		6.4	47
25		0.0	0.5	0.5	0.4	0.6	1.0	1.0	0.9	0.3	0.9	0.9	1.0	1.0	0.4		9.4	69
26		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		12.5	91
27		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		13.0	95
28		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		12.7	92
29		0.0	0.0	0.7	1.0	1.0	1.0	1.0	0.8	0.9	1.0	1.0	1.0	1.0	0.5		10.9	79
30		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		13.1	95
TOTAL		2.1	10.2	16.2	18.1	20.0	21.6	20.4	19.9	20.5	20.1	19.4	18.9	16.5	3.5		227.4	
MEGIA		0.1	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.1		7.6	57



MAIO DE 1979 COIMBRA INSOLACAO																		
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T. DIARIO	SINS.
1		0.0	0.0	0.0	0.2	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0		8.2	59
2		0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5		12.4	89
3		0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2		10.3	74
4	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	12.1	86
5	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	13.1	93
6	0.0	0.0	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.2	65
7	0.0	0.0	0.0	0.2	0.3	0.8	0.6	0.6	0.8	0.3	0.5	0.2	0.0	0.0	0.0	0.0	4.3	30
8	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	9.3	89
9	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	12.7	90
10	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.9	77
11	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	13.4	94
12	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	12.8	84
13	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	12.7	89
14	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	13.4	93
15	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	12.5	87
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.9	0.6	0.3	0.0	0.0	2.1	15
17	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.5	0.5	0.7	0.8	0.0	2.6	18
18	0.0	0.1	0.6	0.4	0.6	0.7	0.9	0.0	0.6	0.0	0.1	0.0	0.0	0.3	0.0	0.0	4.3	30
19	0.0	0.4	0.8	0.8	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.5	17
20	0.0	0.0	0.0	0.0	0.6	0.5	0.3	0.4	0.6	0.7	0.6	0.8	0.9	0.3	0.0	0.0	5.7	39
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
22	0.0	0.0	0.0	0.5	0.3	0.9	0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	10.0	69
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.5	0.0	1.7	12
24	0.0	0.1	1.0	1.0	0.7	0.8	0.5	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	4.5	31
25	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2
26	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.6	4
27	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	0.0	0.0	0.0	0
28	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3	0.2	0.0	0.0	0.9	6
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.2	0.0	0.1	0.0	0.0	0.6	4
30	0.0	0.0	0.0	0.4	1.0	0.8	0.9	0.7	0.8	0.4	0.6	0.7	0.6	0.9	0.8	0.0	8.6	58
31	0.0	0.1	0.4	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.7	1.0	1.0	1.0	0.7	0.0	11.3	76
TOTAL	0.0	4.6	11.4	13.9	16.1	17.9	19.2	17.7	19.1	17.4	17.7	19.4	19.5	18.9	9.9	0.0	222.7	
MEDIA	0.0	0.1	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.0	7.2	49

JUNHO DE 1979 COIMBRA INSOLACAO																		
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T. DIARIO	SINS.
1	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.7	0.0	12.9	87
2	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.6	1.0	1.0	1.0	0.9	0.7	0.3	0.0	11.8	79
3	0.0	0.0	0.0	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.0	9.7	65
4	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.3	76
5	0.0	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.2	68
6	0.0	0.0	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.5	70
7	0.0	0.8	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	13.2	88
8	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.9	0.8	0.1	0.0	11.8	79
9	0.0	0.0	0.2	0.3	0.7	1.0	0.9	0.8	1.0	1.0	0.8	0.1	0.0	0.0	0.0	0.0	6.8	45
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.4	3
11	0.0	0.0	0.0	0.0	0.7	1.0	0.8	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	3.0	20
12	0.0	0.0	0.0	0.0	0.3	0.4	0.4	0.4	0.7	0.4	0.3	0.0	0.0	0.0	0.0	0.0	2.9	19
13	0.0	0.0	0.0	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0.6	0.2	0.0	8.7	58
14	0.0	0.0	0.0	0.3	0.7	0.9	0.8	0.7	1.0	1.0	0.9	1.0	1.0	0.9	0.4	0.0	9.6	64
15	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.8	72
16	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.1	13.6	91
17	0.1	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	0.6	0.1	13.6	92
18	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	0.6	0.0	11.6	80
19	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	13.6	90
20	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	8.5	57
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.1	1
22	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	0.0	0.0	0.0	0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	2
24	0.0	0.0	0.0	0.5	0.6	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.1	67
25	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.6	0.0	10.5	70
26	0.0	0.0	0.0	0.3	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.8	72
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.4	0.7	0.8	0.4	0.2	0.0	0.0	3.2	21
28	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	0.0	0.0	0.0	9.9	66
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.2	0.6	1.0	1.0	0.4	0.0	4.0	27
30	0.0	0.0	0.0	0.1	0.8	1.0	1.0	0.8	0.0	0.8	0.6	0.8	0.4	0.8	0.0	0.0	5.5	37
TOTAL	0.1	6.3	9.3	12.5	19.4	21.5	22.6	21.6	22.2	22.8	22.4	21.8	20.8	18.7	9.6	0.3	251.1	
MEDIA	0.0	0.2	0.3	0.4	0.6	0.7	0.8	0.7	0.7	0.8	0.7	0.7	0.7	0.6	0.3	0.0	8.4	55



JULHO DE 1979 COIMBRA INSOLACAO																		
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T. DIARIO	KIMS.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	6
2	0.1	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	0.6	0.0	13.7	91
3	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	13.2	88
4	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.2	0.9	0.4	0.0	10.9	73
5	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.3	1.0	0.6	0.0	0.0	0.0	10.0	67
6	0.0	0.4	1.0	1.0	0.9	0.3	0.3	0.1	0.8	0.3	0.6	0.6	0.5	0.7	0.5	0.0	8.0	54
7	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.6	0.7	1.0	1.0	1.0	1.0	1.0	0.2	0.0	11.7	78
8	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	12.9	87
9	0.0	0.0	0.0	0.0	0.6	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	9.7	65
10	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.4	3
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.5	3
12	0.0	0.0	0.0	0.8	0.9	1.0	0.6	0.5	0.5	0.6	0.9	1.0	1.0	1.0	0.7	0.0	9.5	64
13	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	12.2	82
14	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	1.0	0.6	0.0	12.3	83
15	0.0	0.4	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.6	0.0	12.8	87
16	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	12.8	87
17	0.0	0.3	0.9	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	11.6	79
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.8	5
20	0.0	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.6	66
21	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	11.1	76
22	0.0	0.0	0.0	0.0	0.3	1.0	0.7	1.0	0.9	0.9	0.9	1.0	1.0	1.0	0.4	0.0	9.1	62
23	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	11.1	76
24	0.0	0.7	1.0	1.0	1.0	1.0	0.8	0.7	1.0	0.9	1.0	1.0	1.0	1.0	0.4	0.0	12.5	86
25	0.0	0.0	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4	72
26	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	9.2	64
27	0.0	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.0	64
28	0.0	0.0	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	8.8	61
29	0.0	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.5	80
30	0.0	0.0	0.0	0.3	0.8	0.8	0.8	1.0	1.0	1.0	1.0	0.8	0.7	0.8	0.5	0.0	9.5	66
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.0	0.7	0.0	2.8	20
TOTAL	0.1	6.5	12.6	16.1	19.9	22.2	23.4	23.0	24.0	23.2	24.0	24.1	23.7	24.4	12.3	0.0	279.5	
MEDIA	0.0	0.2	0.4	0.5	0.6	0.7	0.8	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.4	0.0	9.0	61

AGOSTO DE 1979 COIMBRA INSOLACAO																		
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T. DIARIO	KIMS.
1	0.0	0.0	0.0	0.8	1.0	1.0	0.9	0.7	0.8	0.4	0.0	0.0	0.1	0.3	0.3	0.0	6.3	44
2	0.0	0.0	0.0	0.0	0.3	1.0	0.6	0.3	0.1	0.2	0.0	0.0	0.3	0.2	0.0	0.0	3.0	21
3	0.0	0.0	0.1	0.1	0.4	0.8	0.7	0.9	0.9	0.7	0.9	1.0	1.0	1.0	0.6	0.0	9.1	64
4	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.2	79
5	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.2	72
6	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.2	79
7	0.0	0.1	0.4	0.9	1.0	1.0	0.7	1.0	0.9	0.8	0.7	1.0	0.9	0.4	0.0	0.0	9.8	70
8	0.0	0.0	0.2	1.0	0.9	0.8	0.6	0.8	0.6	0.2	0.9	1.0	1.0	1.0	0.7	0.0	9.7	69
9	0.0	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.5	82
10	0.0	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.5	82
11	0.5	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	0.1	0.0	12.6	90
12	0.1	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	0.5	0.0	12.6	91
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	7.1	51
14	0.0	0.3	1.0	1.0	1.0	1.0	0.8	0.7	0.5	0.6	1.0	1.0	1.0	1.0	0.2	0.0	10.1	73
15	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.0	12.8	93
16	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	12.2	89
17	0.3	0.2	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.8	79
18	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	12.0	88
19	0.5	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	0.0	0.0	12.5	92
20	0.3	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	0.3	0.0	12.6	93
21	0.5	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	0.2	0.0	12.7	94
22	0.1	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	0.7	0.0	12.8	95
23	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	7.3	54
24	0.5	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	0.4	0.0	12.9	96
25	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	12.4	93
26	0.0	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.7	80
27	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.5	0.4	0.0	10.8	81
28	0.2	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	0.2	0.0	12.4	93
29	0.0	0.0	0.1	1.0	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.8	74
30	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.7	0.4	0.0	10.1	77
31	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	7.3	56
TOTAL	0.0	3.6	13.2	21.0	26.5	27.2	26.2	28.6	28.8	27.9	28.4	28.6	28.1	27.7	12.2	0.0	326.0	
MEDIA	0.0	0.1	0.4	0.7	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.4	0.0	10.6	76



SETEMBRO DE 1979 COIMBRA INSOLACAO																			
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T. DIARIO	SINS.	
1		0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0		9.0	69	
2		0.0	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0		9.0	69	
3		0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0		11.3	87	
4		0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0		10.9	84	
5		0.0	0.0	0.0	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0		7.5	58	
6		0.0	0.0	0.0	0.1	0.7	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.0		5.1	63
7		0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0		10.5	82	
8		0.0	0.0	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0		8.6	67	
9		0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.9	0.8	0.3	0.0		8.8	69	
10		0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0		10.3	81	
11		0.0	0.0	0.0	0.0	0.0	0.2	1.0	1.0	1.0	0.9	0.9	1.0	0.6	0.0		6.6	52	
12		0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.9	1.0	1.0	1.0	0.5	0.0		5.9	47	
13		0.0	0.0	0.3	0.7	0.8	0.8	0.9	0.8	1.0	1.0	0.8	0.1	0.0	0.0		7.2	57	
14		0.0	0.0	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.0	0.0		1.9	15	
15		0.0	0.0	0.1	0.8	1.0	1.0	0.6	0.3	0.3	0.9	0.8	0.3	0.0	0.0		6.1	49	
16		0.0	0.5	0.9	1.0	0.5	0.9	0.8	0.5	0.9	0.5	0.7	0.7	0.0	0.0		7.6	61	
17		0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.0	0.8	0.7	0.8	0.1	0.0	0.0		4.2	34	
18		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.8	0.7	0.3	0.0	0.0		2.5	20	
19		0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.5	0.9	0.9	0.8	0.8	0.1	0.0		5.3	41	
20		0.0	0.0	0.1	0.7	0.6	0.9	0.7	0.3	0.4	0.8	0.8	0.3	0.0	0.0		5.6	46	
21		0.0	0.0	0.2	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.4	0.0		9.5	78	
22		0.0	0.5	1.0	1.0	0.9	0.9	0.8	1.0	1.0	1.0	0.9	0.5	0.0	0.0		9.5	78	
23		0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0		10.8	89	
24		0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0		10.9	90	
25		0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0		10.5	87	
26		0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0		10.4	87	
27		0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0		10.4	87	
28		0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0		9.6	80	
29		0.0	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0		6.2	49	
30		0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0		8.7	73	
TOTAL		0.0	4.4	12.9	16.7	21.9	23.8	25.8	25.3	25.9	27.1	27.3	24.3	8.0	0.0		245.4		
MEDIA		0.0	0.1	0.4	0.6	0.7	0.8	0.9	0.8	0.9	0.9	0.9	0.8	0.3	0.0		8.2	65	

OUTUBRO DE 1979 COIMBRA INSOLACAO																		
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T. DIARIO	SINS.
1			0.0	0.0	0.8	1.0	0.9	1.0	1.0	0.4	0.1	0.1	0.8	0.0			6.1	52
2			0.0	0.5	1.0	0.8	1.0	1.0	1.0	1.0	0.9	0.6	0.0	0.0			8.8	75
3			0.0	0.0	0.0	0.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0			0.1	1
4			0.0	0.2	0.7	0.7	0.4	0.1	0.6	0.9	0.6	0.5	0.5	0.0			5.2	45
5			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0			0.0	0
6			0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.4	1.0	0.4	0.1			2.6	22
7			0.0	0.0	0.1	0.1	0.1	0.3	0.7	0.2	0.2	0.0	0.0	0.0			1.7	15
8			0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0			0.3	3
9			0.0	0.0	0.0	0.1	0.1	0.0	0.5	0.1	0.0	0.0	0.1	0.1			1.0	9
10			0.0	0.2	0.3	0.5	0.9	0.9	1.0	0.8	1.0	0.9	0.7	0.0			7.2	63
11			0.0	0.0	0.0	0.1	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0			1.1	10
12			0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0			0.1	1
13			0.0	0.6	0.9	0.3	0.2	0.4	0.2	0.2	0.5	0.0	0.0	0.0			3.3	29
14			0.0	0.1	0.7	0.1	0.5	0.4	0.3	0.7	0.7	0.6	0.1	0.0			4.2	37
15			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			0.0	0.0	0.4	0.4	1.0	0.8	0.7	0.2	0.5	0.3	0.3	0.0			4.6	41
17			0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0			9.8	88
18			0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2			10.1	91
19			0.0	0.0	0.1	1.0	0.8	0.5	0.4	0.1	0.3	0.5	0.6	0.0			4.3	39
20			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0			0.3	3
21			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0
22			0.0	0.0	0.0	0.5	1.0	1.0	0.7	0.5	0.4	0.6	0.0	0.0			4.7	43
23			0.0	0.0	0.3	0.0	0.1	0.6	1.0	0.9	0.9	1.0	0.8	0.0			5.6	52
24			0.0	0.4	1.0	1.0	0.7	0.7	0.7	0.8	0.6	0.2	0.0	0.0			6.1	56
25			0.0	0.1	0.6	0.9	0.4	0.4	0.6	0.1	0.1	0.3	0.0	0.0			3.5	32
26			0.0	0.0	0.0	0.5	1.0	0.7	0.6	0.8	0.8	0.5	0.3	0.0			5.2	48
27			0.0	0.0	0.0	0.5	0.7	0.6	0.7	1.0	1.0	0.4	0.3	0.0			5.2	49
28			0.0	0.1	0.4	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.0			8.0	75
29			0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	0.8	0.9	0.7	0.0			6.7	63
30			0.0	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.0			6.7	63
31			0.0	0.3	0.8	1.0	1.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0			4.0	38
TOTAL			0.0	4.3	10.5	13.3	15.7	15.3	16.4	14.2	14.0	12.7	9.7	0.4			126.5	
MEDIA			0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.0			4.1	36



NOVEMBRO DE 1979 COIMBRA INSOLACAO																		
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO	KIMS.
1			0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0			0.2	2
2			0.0	0.7	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0			4.1	77
3			0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0			9.2	88
4			0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0			9.0	87
5			0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0			6.7	84
6			0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0			9.2	89
7			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.0	0.1	0.0			1.6	16
8			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0
9			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0			0.8	8
10			0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0			8.7	86
11			0.0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0			7.9	78
12			0.0	0.1	0.5	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0	0.0			5.8	58
13			0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0			0.2	2
14			0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.0	0.0	0.0			0.7	7
15			0.0	0.0	0.0	0.1	0.4	0.1	0.2	0.0	0.0	0.0	0.0				0.8	8
16			0.0	0.3	0.0	0.3	0.3	0.3	0.3	0.5	0.7	0.1	0.0				2.5	25
17			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			0.0	0.5	0.3	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.4				6.9	70
19			0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4				7.7	78
20			1.0	0.0	0.0	0.0	0.1	0.8	0.9	1.0	1.0	0.8	0.5				4.1	42
21				0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5				8.9	91
22				0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4				8.9	91
23				0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3				6.9	91
24				0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1				8.5	68
25				0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2				8.6	89
26				0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3				8.8	91
27				0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4				6.9	92
28				0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3				8.8	92
29				0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0				7.9	82
30				0.0	0.5	0.3	0.9	0.9	1.0	1.0	0.8	0.0	0.0				5.4	56
TOTAL			0.0	6.5	17.4	18.7	20.4	20.5	21.7	21.3	21.7	19.5	8.0	0.0			175.7	
MECIA			0.0	0.2	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.3	0.0			5.9	58

DEZEMBRO DE 1979 COIMBRA INSOLACAO																		
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO	KIMS.
1				0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2				8.1	85
2				0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2				8.6	90
3				0.0	1.0	0.8	1.0	0.9	1.0	1.0	0.2	0.0	0.0				5.9	62
4				0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2				8.3	88
5				0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3				8.4	89
6				0.0	0.9	1.0	1.0	1.0	0.8	0.9	0.6	0.0	0.0				6.2	66
7				0.0	0.0	0.0	0.3	0.7	0.6	0.4	0.3	0.1	0.0				2.4	25
8				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0				0.1	1
9				0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0				0.9	10
10				0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0				0.1	1
11				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0
12				0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0				0.5	5
13				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0
14				0.0	0.6	0.9	0.5	0.9	0.8	0.6	0.3	0.7	0.0				5.3	57
15				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0
16				0.0	0.0	0.5	1.0	1.0	1.0	0.6	0.9	0.2	0.0				5.2	56
17				0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.5	0.1	0.0				6.4	69
18				0.0	0.7	0.9	0.9	1.0	0.7	0.6	0.9	1.0	0.2				6.9	74
19				0.0	0.2	1.0	1.0	0.8	0.9	0.9	1.0	1.0	0.1				6.9	74
20				0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0				7.4	80
21				0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0				8.2	88
22				0.0	0.0	0.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0				1.4	15
23				0.0	0.0	0.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0				0.7	8
24				0.0	0.0	0.0	0.0	0.5	0.1	0.3	0.3	0.1	0.0				1.3	14
25				0.0	0.0	0.4	0.6	0.9	0.9	1.0	1.0	1.0	0.2				6.0	64
26				0.0	0.0	0.3	1.0	1.0	1.0	1.0	0.9	0.5	0.0				5.7	61
27				0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0				0.1	1
28				0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.1				5.3	57
29				0.0	0.0	0.1	0.1	0.0	0.5	0.0	0.0	0.0	0.0				0.7	8
30				0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0				0.2	2
31				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0
TOTAL				1.0	10.1	13.5	16.6	17.3	16.8	15.4	14.0	11.0	1.5				117.2	
MECIA				0.0	0.3	0.4	0.5	0.6	0.5	0.5	0.5	0.4	0.0				3.8	40



		JANEIRO DE 1979																		COIMBRA	RAD.GLOBAL	T.DIARIO
TCV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20						
1				1	4	7	9	7	5	5	4	2	1					45				
2				2	13	25	32	35	24	20	15	7	1					174				
3				1	2	5	3	3	2	2	4	2	1					25				
4				1	7	24	36	26	25	22	12	3	1					162				
5				2	12	34	33	39	40	25	21	10	2					238				
6				2	13	26	35	40	41	34	25	14	2					232				
7				1	7	14	16	23	12	18	19	14	2					126				
8				1	14	25	34	35	37	31	14	11	2					236				
9				1	8	13	27	32	26	13	11	7	2					143				
10				1	2	4	4	4	3	3	4	3	1					29				
11				1	3	5	12	10	11	4	5	3	1					59				
12				1	6	17	13	11	12	13	11	6	1					91				
13				1	11	17	32	40	34	29	20	14	2					234				
14				2	15	28	38	42	43	37	28	15	3					251				
15				1	6	15	29	20	27	34	26	14	3					172				
16				3	14	25	36	41	40	36	26	13	2					236				
17				3	11	19	31	37	22	37	17	9	1					157				
18				2	12	27	32	44	35	25	14	8	2					235				
19				3	1	2	2	4	15	16	14	7	2					59				
20				3	17	30	38	45	45	36	29	14	2					259				
21				1	4	6	16	17	17	16	10	6	2					97				
22				1	2	4	12	16	20	11	10	4	1					51				
23				2	10	20	35	33	32	32	17	7	2					193				
24				2	7	12	14	11	8	5	5	4	1					69				
25				1	7	12	24	12	16	14	6	6	1					132				
26				1	9	16	8	8	17	7	4	5	2					77				
27				2	5	8	14	16	13	12	4	4	2					130				
28				5	18	33	39	42	24	34	22	16	5	0				238				
29			0	3	5	12	14	29	16	35	13	11	2	0				140				
30			0	2	19	24	28	40	35	28	22	9	3	0				210				
31			0	6	20	32	36	40	33	23	12	4	2	0				238				
TOTAL			0	57	284	531	729	826	734	665	450	259	57	0				4592				
MEDIA			0.0	1.8	9.2	17.1	23.5	26.6	23.7	21.5	14.5	8.4	1.8	0.0				148.1				

		FEVEREIRO DE 1979																		COIMBRA	RAD.GLOBAL	T.DIARIO
TCV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20						
1			0	1	3	7	7	7	5	5	4	3	2	0				47				
2			0	2	6	15	21	27	24	17	19	5	2	0				145				
3			0	2	4	7	16	11	11	8	9	3	1	0				72				
4			0	1	2	3	3	2	3	2	2	1	1	0				20				
5			0	2	6	7	4	5	4	6	4	3	1	0				42				
6			0	1	4	7	9	7	11	4	5	2	1	0				51				
7			0	4	6	16	22	21	20	14	7	4	2	0				118				
8			0	1	3	5	4	5	3	5	4	4	1	0				36				
9			0	2	6	7	4	15	13	7	5	3	1	0				67				
10			0	1	1	4	3	5	9	8	10	8	4	0				53				
11			0	4	16	18	26	17	25	11	21	19	6	1				164				
12			0	9	20	22	13	24	13	22	10	4	4	0				138				
13			0	4	12	10	28	14	22	21	17	15	4	1				148				
14			0	3	11	8	16	13	7	21	16	8	2	0				135				
15			0	3	10	15	23	32	51	34	33	22	8	1				232				
16			1	6	19	31	30	41	42	27	25	22	7	0				251				
17			1	13	28	43	33	55	44	51	39	20	4	1				352				
18			1	3	5	10	6	11	11	11	13	7	2	1				51				
19			1	3	10	21	36	59	57	51	39	27	10	1				335				
20			0	6	11	21	49	59	56	49	40	25	9	1				326				
21			0	1	4	3	8	11	13	4	3	3	1	0				53				
22			1	7	18	38	42	52	58	52	38	28	11	1				346				
23			2	10	31	44	54	61	55	53	40	29	12	1				394				
24			1	7	16	39	31	60	57	49	45	29	11	1				366				
25			1	15	28	37	39	46	54	55	39	28	12	2				356				
26			1	14	31	44	56	60	59	56	48	29	14	2				410				
27			1	14	29	45	56	59	61	56	44	33	14	1				419				
28			0	1	3	7	19	22	33	43	31	18	5	2				194				
TOTAL			11	141	349	535	718	801	828	742	636	403	154	17				5322				
MEDIA			0.4	5.0	12.5	19.1	25.6	28.6	29.6	26.5	21.6	14.3	5.5	0.6				199.4				



TSV	MARCO		DE 1979				COIMBRA				RAD.GLOBAL				T.DIARIO		
	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18		18-19	19-20
1			2	16	30	46	56	64	60	49	43	32	15	3			416
2			2	15	34	46	55	63	61	58	45	30	15	2			427
3			3	16	32	46	56	58	60	56	43	30	14	2			416
4			1	9	28	48	49	58	47	45	40	28	14	2			369
5			5	12	24	24	26	36	26	25	13	4	1				198
6			0	4	11	10	13	12	22	15	16	7	4	1			115
7			1	4	5	9	13	18	29	37	42	20	9	2			189
8			2	8	19	45	36	49	55	53	13	27	8	2			317
9			2	7	20	44	59	53	62	42	50	38	20	4			401
10			2	16	35	46	58	65	64	50	43	29	18	3			429
11			4	20	37	33	53	57	57	48	45	40	19	4			417
12			3	17	32	51	59	63	63	60	49	35	19	5			452
13			2	10	20	34	49	35	20	22	12	9	4	2			219
14			1	3	13	27	53	46	45	33	24	30	8	3			293
15			5	18	37	16	19	50	45	36	46	38	9	4			323
16			2	10	20	31	32	27	34	29	21	12	8	2			228
17			0	2	4	8	16	9	6	17	24	23	18	4			131
18			0	1	2	3	16	22	11	37	31	30	16	1			170
19			3	20	30	15	29	25	35	33	22	31	11	2			266
20			2	10	34	16	13	60	34	50	43	30	15	6			313
21			3	16	39	47	41	10	13	40	43	23	18	7			300
22			5	19	23	32	30	15	27	17	5	8	4	1			186
23			3	11	22	24	24	12	16	21	23	4	2	1			163
24			1	11	10	12	17	17	12	10	5	4	1	1			163
25			1	6	28	23	42	45	34	46	51	25	10	4			121
26			1	9	12	26	42	40	64	43	35	40	18	9			315
27			3	19	27	14	8	21	21	21	19	10	6	1			339
28			1	7	23	34	43	52	63	44	40	25	20	5			170
29			9	20	42	60	54	63	66	68	45	34	17	6			358
30			9	27	44	59	72	69	74	40	37	42	28	9			474
31			8	24	42	56	68	72	74	55	29	24	24	8			510
TOTAL			0	82	377	767	905	1220	1276	1310	1201	1013	771	396	108	0	9506
MEDIA			0.0	2.6	12.2	24.7	31.8	39.4	41.2	42.3	36.7	32.7	24.9	12.8	3.5	0.0	306.8

TSV	ABRIL		DE 1979				COIMBRA				RAD.GLOBAL				T.DIARIO		
	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18		18-19	19-20
1		0	9	27	44	58	66	59	64	46	42	34	21	11	0		481
2		0	6	15	14	31	29	38	33	29	33	24	16	7	1		276
3		0	3	15	20	41	24	23	28	26	21	21	22	7	0		251
4		0	2	3	15	32	55	29	21	21	8	3	4	2	0		195
5		0	6	27	44	50	67	74	73	66	60	43	27	10	0		547
6		0	7	19	41	57	57	62	49	43	35	26	21	6	1		424
7		0	8	26	39	57	58	58	74	66	60	41	24	8	1		520
8		0	1	1	4	6	3	11	16	22	14	14	8	4	0		104
9		2	3	10	29	23	13	16	23	30	16	21	13	7	0		206
10		1	4	12	11	8	46	20	23	43	27	18	17	5	1		236
11		1	8	15	34	34	51	43	42	44	52	28	22	5	0		379
12		1	11	33	42	50	71	62	72	46	23	15	7	2	0		435
13		0	1	3	6	6	9	25	12	21	16	15	8	13	2		137
14		0	12	32	31	34	53	53	51	47	57	38	22	15	2		447
15		1	14	33	48	63	71	73	82	63	58	42	32	13	2		595
16		1	13	30	48	59	76	75	72	62	64	47	30	13	1		591
17		0	7	25	49	62	69	75	74	70	62	49	30	13	2		567
18		2	16	35	52	63	76	80	77	75	66	50	31	14	2		639
19		2	16	35	50	65	76	77	82	72	62	48	31	13	2		631
20		2	13	33	47	62	70	76	76	62	50	45	30	12	2		580
21		1	3	10	16	61	70	77	78	72	66	42	28	5	1		532
22		0	5	6	12	24	60	78	77	73	64	49	22	14	2		486
23		1	4	16	16	36	37	47	23	29	23	12	6	4	1		257
24		2	5	17	33	42	32	44	46	50	48	39	27	14	2		404
25		2	14	22	36	52	70	69	71	34	55	49	34	17	3		525
26		2	18	37	55	64	73	82	76	76	67	51	35	17	4		657
27		3	18	38	54	68	78	84	81	76	65	51	40	17	4		677
28		3	18	38	54	67	78	79	83	77	66	52	36	17	4		672
29		2	8	33	51	65	72	71	71	65	46	51	37	17	4		613
30		3	19	36	53	65	75	81	80	73	67	53	36	19	4		664
TOTAL			32	275	682	1052	1405	1685	1741	1730	1579	1413	1071	717	321	48	13751
MEDIA			1.1	9.2	22.7	35.1	46.8	56.2	58.0	57.7	52.6	47.1	35.7	23.9	10.7	1.6	453.4



		DE 1979																		T.DIARIO
		COIMBRA																		RAD.GLOBAL
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20				
1		1	7	12	26	38	76	83	81	78	70	54	33	14	2			575		
2		2	16	32	54	55	62	79	83	77	67	51	38	18	5			661		
3		3	10	25	52	66	75	80	82	71	67	54	35	18	3			641		
4	0	3	17	36	54	66	77	82	80	76	67	52	36	19	5	0		670		
5	0	4	19	37	52	67	75	79	78	71	66	51	35	19	5	0		658		
6	0	4	19	37	52	67	75	79	78	71	66	51	35	19	5	0		586		
7	0	2	6	13	19	56	75	79	82	77	67	50	36	19	5	0		437		
8	0	2	10	23	33	66	51	59	69	32	51	19	13	7	2	0		551		
9	0	3	7	11	20	32	58	77	81	76	67	56	38	20	6	0		669		
10	0	3	20	38	53	65	77	80	66	77	71	55	39	20	5	0		643		
	0	3	10	29	53	68	74	78	81	74	64	54	32	18	5	0		674		
11	0	6	22	38	62	59	74	81	79	74	67	51	37	19	5	0		676		
12	0	6	23	38	53	68	74	80	81	73	66	54	36	19	5	0		631		
13	0	5	17	34	45	70	72	79	72	72	60	48	34	18	5	0		680		
14	0	6	23	39	55	68	74	82	81	74	66	53	34	19	6	0		658		
15	0	5	19	36	50	66	76	78	79	75	63	52	36	18	5	0		620		
16	0	4	8	11	16	30	45	34	33	40	51	28	15	3	1			285		
17	0	1	7	9	15	42	26	23	32	29	42	24	18	7	0			358		
18	0	6	20	27	35	46	57	38	58	21	16	9	8	14	3	0		239		
19	0	6	24	32	34	22	25	22	32	17	8	3	7	5	2	0		450		
20	0	3	9	20	35	37	44	47	55	56	44	47	37	13	3	0		160		
21	0	2	5	11	11	15	13	26	25	16	8	9	11	6	2	0		578		
22	0	3	11	27	25	64	57	48	74	67	71	59	41	23	8	0		154		
23	0	0	4	5	5	6	7	10	6	14	25	19	30	15	8	0		410		
24	0	5	25	40	37	59	46	24	44	41	32	28	18	8	3	0		269		
25	0	3	11	21	25	35	42	39	21	11	18	14	19	7	3	0		247		
26	0	2	6	13	15	13	44	36	17	19	19	10	20	10	1	0		65		
27	0	1	2	4	5	6	4	5	3	6	9	6	4	2	1	0		315		
28	0	1	6	15	31	22	36	47	42	17	24	31	26	11	4	0		217		
29	0	1	4	4	10	26	27	24	27	29	13	21	14	15	2	0		491		
30	0	2	10	24	40	59	53	57	65	47	40	33	23	27	10	1		704		
31	0	7	25	43	59	73	85	79	75	69	50	61	45	24	8	1		14672		
TOTAL	0	98	403	744	1066	1444	1702	1751	1761	1574	1425	1197	867	478	137	3		473.3		
MEDIA	0.0	3.2	13.0	24.0	34.5	46.6	54.9	56.5	57.5	50.8	46.0	38.6	28.0	15.4	4.4	0.1				

		DE 1979																		T.DIARIO
		COIMBRA																		RAD.GLOBAL
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20				
1	0	8	25	41	56	69	78	84	83	78	64	57	41	24	8	1		717		
2	0	7	25	41	58	69	77	80	53	80	69	51	33	20	6	1		670		
3	0	4	7	17	41	63	70	83	82	78	71	54	40	23	8	1		642		
4	0	4	9	36	59	67	77	80	80	77	69	54	40	23	8	1		684		
5	0	4	14	24	51	68	75	83	80	78	71	53	40	23	8	1		673		
6	0	3	11	29	59	69	78	83	81	76	71	58	40	23	8	1		690		
7	0	8	24	36	52	70	72	85	82	77	69	55	39	22	9	1		701		
8	0	8	22	37	53	65	70	80	69	67	66	53	35	20	6	1		652		
9	0	5	15	27	35	60	69	75	84	76	59	24	19	8	2	0		558		
10	0	1	6	13	16	19	19	13	9	11	30	12	16	16	5	1		187		
11	1	4	13	22	50	70	75	35	10	6	9	20	15	10	6	1		347		
12	0	1	7	15	26	42	40	53	73	58	40	24	12	5	5	1		402		
13	0	1	5	16	35	52	65	71	89	78	56	35	34	18	6	1		562		
14	0	4	7	30	39	51	57	64	84	72	64	52	46	27	8	1		606		
15	1	8	20	42	58	68	79	83	83	79	67	56	42	18	7	1		712		
16	1	7	26	40	62	68	78	80	83	80	72	57	41	26	9	1		731		
17	1	9	27	44	60	70	80	85	83	80	72	57	44	26	10	1		749		
18	0	9	25	42	58	70	77	83	83	77	71	55	40	24	9	1		724		
19	0	8	24	39	54	66	73	81	81	76	71	57	40	23	9	1		703		
20	0	1	4	8	20	34	76	81	83	76	71	58	41	24	10	1		588		
21	0	1	5	10	18	22	22	24	46	37	22	16	12	8	3	0		246		
22	0	1	4	6	13	20	21	29	32	40	33	21	13	4	4	0		241		
23	0	1	4	9	21	28	22	16	21	24	15	29	30	6	1	1		228		
24	0	4	10	32	45	43	73	82	83	76	67	58	38	22	8	1		642		
25	0	3	8	24	53	67	74	80	79	76	65	47	38	24	11	1		650		
26	0	2	11	28	53	67	69	78	81	74	69	60	39	25	12	2		670		
27	0	1	5	8	18	26	39	60	52	51	56	48	33	13	3	1		414		
28	1	8	24	42	55	67	76	77	79	75	56	16	14	4	4	1		601		
29	0	3	8	14	22	24	32	30	55	48	36	45	39	21	7	1		385		
30	0	6	14	20	48	58	72	6	8	77	58	49	23	15	4	1		459		
TOTAL	5	134	409	792	1288	1632	1885	1944	1991	1958	1709	1331	979	545	204	28		14834		
MEDIA	0.2	4.5	13.6	26.4	42.9	54.4	62.8	64.8	66.4	65.3	57.0	44.4	32.6	18.2	6.8	0.9		561.1		



		JULHO DE 1979 COIMBRA RAD.GLOBAL																		T.DIARIO
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20				
1	0	1	3	10	24	26	46	40	36	57	24	14	11	9	4	1		306		
2	1	10	27	44	61	71	81	86	83	80	71	57	41	24	9	1		797		
3	0	9	26	42	58	70	77	83	82	75	68	55	38	23	8	1		715		
4	0	8	22	38	54	65	73	80	79	70	58	13	14	21	8	1		604		
5	0	8	25	41	56	64	66	80	80	45	39	54	27	8	5	1		599		
6	0	7	24	39	45	48	50	47	75	48	51	46	29	23	11	1		544		
7	0	5	20	35	49	63	72	62	46	55	62	52	35	20	7	1		584		
8	0	7	22	39	53	67	76	79	80	75	65	54	38	20	7	1		683		
9	0	3	9	20	47	61	74	79	81	77	66	54	38	22	8	1		640		
10	1	3	14	16	24	12	11	18	21	10	10	4	8	11	8	1		172		
11	0	4	11	5	5	1	6	20	23	30	40	24	15	5	2	0		191		
12	0	2	9	34	49	69	53	56	52	51	56	54	38	21	8	1		553		
13	0	5	21	39	54	65	76	80	79	75	68	53	38	22	7	1		683		
14	0	7	23	40	55	65	73	60	77	74	66	52	37	21	7	1		678		
15	0	5	22	33	56	60	72	77	74	65	56	49	34	19	7	1		630		
16	0	6	20	35	52	62	71	77	76	71	63	51	35	19	7	1		646		
17	0	5	22	28	54	66	66	86	79	73	65	52	36	19	6	1		658		
18	0	1	2	5	6	9	12	12	15	21	32	18	4	4	1	0		156		
19	0	0	3	5	10	10	10	9	18	57	45	20	14	8	3	0		212		
20	0	3	6	13	35	63	78	71	84	66	60	50	39	18	8	0		594		
21	0	4	14	35	50	62	74	75	76	72	61	49	33	18	5	0		628		
22	0	4	4	8	31	58	62	74	69	71	64	51	37	20	6	1		560		
23	0	3	6	34	53	63	74	76	75	78	65	51	36	19	5	1		639		
24	0	6	22	32	52	65	66	67	73	60	64	45	33	17	5	0		607		
25	0	3	10	21	47	62	72	80	78	74	66	53	37	20	6	0		629		
26	0	1	3	7	17	47	72	80	78	76	66	53	37	20	7	0		564		
27	0	3	8	16	39	68	75	81	80	74	68	54	38	21	6	0		631		
28	0	1	5	8	14	31	72	80	82	74	67	55	37	21	6	0		553		
29	0	2	13	41	54	67	73	80	81	75	66	54	37	20	5	0		668		
30	0	1	6	18	39	59	61	80	73	76	66	47	22	17	6	0		571		
31	0	2	10	22	19	15	22	26	19	15	17	20	29	20	6	0		242		
TOTAL	2	129	432	803	1262	1614	1866	2021	2024	1920	1735	1358	949	550	194	18		16877		
MEDIA	0.1	4.2	13.9	25.9	40.7	52.1	60.2	65.2	65.3	61.9	56.0	43.8	30.6	17.7	6.3	0.6		544.4		

		AGOSTO DE 1979 COIMBRA RAD.GLOBAL																		T.DIARIO
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20				
1	0	3	12	35	53	58	65	61	66	44	28	17	20	12	5	0		479		
2	0	3	8	9	7	69	53	37	28	27	20	11	17	12	2	0		303		
3	0	3	12	20	22	48	55	66	77	54	67	48	39	21	6	0		538		
4	0	3	10	32	51	64	75	76	76	77	66	53	38	19	5	0		645		
5	0	2	11	21	49	65	77	80	80	77	67	54	38	19	4	0		644		
6	0	2	9	29	51	66	73	79	78	77	67	53	39	21	6	0		650		
7	0	3	14	37	52	56	53	74	70	66	36	44	33	13	2	0		553		
8	0	5	13	37	53	54	45	54	45	52	62	52	36	19	5	0		532		
9	0	2	12	34	51	63	73	78	78	73	66	51	35	19	5	0		640		
10		2	13	34	52	64	71	79	77	72	65	52	33	16	4	0		634		
11		4	19	35	51	64	70	76	77	69	62	48	31	15	3			624		
12		3	17	32	48	61	69	74	77	68	62	49	31	16	4			611		
13		1	3	11	22	34	26	62	78	71	63	48	33	17	4			473		
14		2	14	33	48	63	62	56	56	50	62	48	34	18	4			550		
15		4	20	37	51	65	76	76	79	74	61	51	31	13	5			643		
16		3	18	33	46	61	73	76	77	72	62	50	34	16	4			625		
17		3	10	16	48	62	71	74	76	73	63	50	34	17	4			601		
18		2	15	33	47	60	71	75	74	72	63	49	33	17	4			615		
19		3	17	34	51	61	72	75	69	65	64	49	31	15	3			609		
20		3	16	32	48	60	68	75	75	70	61	47	31	15	3			604		
21		3	16	33	48	59	68	73	72	70	61	46	28	12	2			591		
22		1	10	25	42	54	63	71	71	66	57	44	29	15	3			551		
23		1	3	7	11	23	34	67	75	66	60	47	29	13	3			439		
24		3	15	32	47	59	68	72	76	68	59	48	30	14	2			593		
25		2	14	29	45	59	67	72	76	71	61	49	31	15	3			594		
26		1	5	15	46	61	70	73	75	69	60	49	31	14	3			572		
27		1	10	30	46	60	70	71	73	68	53	41	28	12	4			567		
28		2	14	32	49	60	71	75	73	68	59	45	28	12	1			589		
29		1	7	18	38	37	58	75	75	67	56	46	28	12	2			520		
30		1	10	28	44	56	67	71	70	66	57	37	16	15	2			540		
31		0	1	4	7	11	33	66	70	64	58	46	29	13	2			404		
TOTAL	0	72	368	837	1324	1737	1967	2189	2219	2046	1808	1422	958	477	109	0		17533		
MEDIA	0.0	2.3	11.9	27.0	42.7	56.0	63.5	70.6	71.6	66.0	58.3	45.9	30.9	15.4	3.5	0.0		565.6		



SETEMBRO DE 1979																	COIMBRA	RAD.GLOBAL	T.DIARIO
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO		
1		1	3	12	30	28	66	71	71	67	57	45	29	11	1		494		
2		1	4	18	44	58	66	72	72	66	58	46	29	13	2		549		
3		1	10	25	41	60	70	74	73	67	56	42	23	10	1		553		
4			9	23	39	52	60	65	63	60	52	39	24	8	1		495		
5		0	1	5	15	31	56	69	69	63	54	42	25	10	1		441		
6		0	2	7	21	50	48	57	68	62	57	44	28	9	1		454		
7		0	6	25	39	52	61	66	66	64	55	40	24	9	1		508		
8		0	3	12	23	42	62	65	67	64	51	41	25	9	1		465		
9		0	5	19	37	49	58	64	62	53	36	37	19	6	1		446		
10		0	7	23	37	51	61	64	66	61	50	37	20	6	1		484		
11		0	2	6	13	19	43	64	62	59	45	33	21	7	1		375		
12		0	1	4	8	13	29	61	61	52	46	41	25	9	1		351		
13		0	9	21	28	46	57	61	63	62	52	36	15	6	1		457		
14		0	13	22	32	19	20	14	24	14	27	22	13	2	0		202		
15		0	9	36	54	63	44	40	35	51	32	14	6	1		288			
16		0	7	22	38	38	54	41	30	32	32	35	28	5	1		363		
17		0	1	4	8	20	30	62	70	49	26	32	13	4	0		321		
18		0	1	5	8	10	11	17	36	36	45	29	20	7	0		225		
19		0	3	12	14	34	50	45	39	40	46	33	19	6	0		341		
20		0	5	15	31	43	57	48	29	35	43	34	15	5	0		260		
21		0	3	14	37	50	52	54	53	56	50	38	21	7	0		437		
22		0	6	20	36	49	56	54	63	55	45	32	18	6	0		440		
23		0	21	37	50	60	64	64	64	59	49	37	22	6	0		475		
24		0	6	20	36	49	59	60	62	56	46	36	19	5	0		454		
25		0	19	35	48	57	64	66	66	59	50	36	19	6	0		464		
26		0	18	33	49	56	58	61	68	45	32	17	5	0		439			
27		0	18	32	45	54	57	59	64	44	33	17	4			421			
28		0	15	30	43	53	57	57	65	44	31	16	4			406			
29		0	5	15	42	54	60	58	65	45	33	17	5			390			
30		0	6	27	43	53	59	58	64	46	31	16	4			398			
TOTAL		81	124	436	760	1037	1580	1711	1732	1604	1405	1079	611	200	16		12598		
MEDIA		2.0	2.1	4.1	6.4	7.6	11.2	12.7	12.7	11.9	10.0	7.4	4.8	1.6	0.5		419.9		

OUTUBRO DE 1979																	COIMBRA	RAD.GLOBAL	T.DIARIO
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO		
1		0	0	6	29	41	51	53	57	43	27	15	18	3			347		
2		0	2	15	32	37	50	59	57	51	42	28	16	2			391		
3		0	1	7	12	17	31	18	24	17	7	3	1	1			139		
4		0	1	11	19	31	37	28	46	52	28	14	13	2			282		
5		0	1	4	9	11	16	14	15	8	8	3	6	1			96		
6		0	1	6	20	21	17	17	12	9	25	36	12	3			179		
7		0	2	9	23	23	33	36	45	29	26	9	3	1			239		
8		0	4	11	27	17	7	26	24	14	7	10	4				155		
9		0	5	14	22	13	8	34	22	8	11	8	3				149		
10		0	11	20	28	50	42	51	37	41	27	10	2				320		
11		0	4	7	10	13	12	34	30	12	4	2	1				130		
12		0	2	6	9	10	19	14	13	8	3	2	1				88		
13		0	10	22	14	22	25	6	20	24	3	2	2				153		
14		0	6	19	10	32	21	23	29	25	19	7	1				192		
15		0	1	2	2	3	3	4	4	6	4	2	0				31		
16		0	4	17	23	42	37	32	15	25	11	6	2				214		
17		0	10	23	34	46	48	49	46	36	25	10	1				329		
18		0	12	26	38	52	53	52	49	39	26	11	2				361		
19		0	5	19	29	40	33	34	25	24	15	10	1				245		
20		0	2	5	9	8	8	7	19	15	11	5	1				90		
21		0	4	7	15	25	24	15	13	9	8	6	2				128		
22		0	2	11	38	56	60	48	30	30	24	4	1				304		
23		0	6	17	19	29	43	54	33	24	27	12	1				266		
24		0	11	28	41	42	47	42	40	30	15	7	1				304		
25		0	6	22	30	28	35	44	20	13	18	7	0				223		
26		0	3	9	20	47	40	33	37	36	13	7	1				246		
27		0	5	11	27	40	34	38	48	40	15	7	1				267		
28		0	8	17	42	46	48	46	43	36	25	8	0				319		
29		0	4	13	26	45	50	48	42	29	19	7	1				284		
30		0	4	10	21	44	50	51	45	35	21	7	1				289		
31		0	8	22	35	47	44	23	21	14	6	2	0				222		
TOTAL		19	197	502	760	1032	1016	1066	918	736	465	228	43				6982		
MEDIA		0.6	6.4	16.2	24.5	33.3	32.8	34.4	29.6	23.7	15.0	7.4	1.4				225.2		



		NOVEMBRO DE 1979				COIMBRA				RAD.GLOBAL							
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO
1			3	5	8	9	11	25	26	17	12	5	4	0			122
2			0	7	19	26	46	51	51	45	33	21	7	0			318
3			0	7	23	36	46	52	50	44	34	20	7	0			319
4			0	6	22	37	46	51	51	43	33	21	6	0			316
5			0	3	22	35	46	49	49	44	32	20	6	0			306
6			0	7	23	35	45	50	49	41	33	18	7	0			306
7			0	3	9	14	18	21	19	22	20	18	4	0			198
8			0	1	3	5	7	8	11	17	8	3	1	0			64
9			0	2	4	10	9	9	8	6	12	14	8	0			82
10			0	5	21	34	47	52	50	45	32	17	6	0			309
11			0	6	17	28	41	47	46	39	26	11	3	0			264
12			0	5	15	30	40	43	44	27	16	10	2	0			232
13			0	1	4	5	9	19	25	9	3	3	1	0			79
14			0	1	1	3	3	4	19	12	12	6	3	0			64
15				2	6	11	21	16	22	11	10	4	2				105
16				2	13	12	17	20	22	22	24	9	2				143
17				2	4	6	5	4	9	9	6	3	1				49
18				4	13	16	24	41	45	40	30	16	4				233
19				2	16	36	44	47	47	42	31	16	4				285
20				1	7	14	19	26	34	29	24	12	3				169
21				3	15	28	37	42	44	38	28	16	3				254
22				3	14	24	36	42	43	36	27	13	3				245
23				3	14	26	36	40	39	35	24	13	2				232
24				2	12	25	35	38	40	36	26	13	2				229
25				3	13	27	36	41	42	35	26	13	3				239
26				3	14	27	35	41	40	34	25	12	2				233
27				3	14	26	37	42	41	36	26	13	2				240
28				3	13	26	36	40	40	35	25	12	2				232
29				3	14	27	35	41	42	34	26	10	2				234
30				2	13	18	30	36	40	33	20	7	2				202
TOTAL			0	101	386	670	899	1038	1088	916	684	369	104	0			6255
MEDIA			0.0	3.4	12.9	22.3	30.0	34.6	36.3	30.5	22.8	12.3	3.5	0.0			208.5

		DEZEMBRO DE 1979				COIMBRA				RAD.GLOBAL							
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO
1				2	17	24	35	39	38	34	25	10	2				221
2				3	13	26	34	40	39	34	23	11	2				225
3				2	14	20	33	29	40	30	16	10	2				196
4				2	12	22	32	38	37	31	22	10	2				208
5				2	12	23	33	38	37	32	23	10	2				212
6				1	11	22	31	35	31	24	16	8	2				181
7				0	3	5	21	29	28	23	16	7	1				135
8				0	3	2	4	13	10	7	9	6	1				55
9				1	6	8	25	20	9	4	3	2	1				79
10				1	5	7	15	17	9	6	5	2	1				68
11				0	1	3	3	8	10	8	7	4	1				45
12				1	7	10	8	6	27	14	4	3	1				81
13				1	4	6	7	7	6	4	6	4	1				46
14				2	10	18	20	32	32	25	18	10	1				168
15				0	1	2	4	5	5	3	3	2	1				26
16				1	6	20	30	37	42	17	22	6	1				182
17				1	11	21	31	34	33	30	15	5	1				182
18				1	9	21	32	38	32	25	19	9	2				188
19				1	7	19	26	30	26	28	20	9	2				168
20				1	8	16	25	30	30	25	19	7	1				162
21				1	7	16	23	26	29	25	18	8	1				154
22				1	5	20	30	14	11	7	7	2	1				98
23				1	3	11	25	18	8	3	5	3	0				77
24				0	1	4	12	30	16	16	17	6	4				106
25				0	5	16	19	32	26	34	20	9	2				163
26				1	7	16	28	32	33	28	19	6	1				171
27				1	5	11	14	14	11	14	12	4	1				87
28				2	7	11	17	35	38	33	25	10	2				180
29				1	0	10	24	24	30	17	12	7	1				126
30				0	1	3	5	7	12	15	9	4	0				56
31				1	2	5	4	6	5	7	4	1	0				35
TOTAL				32	198	418	650	763	740	603	441	195	41				4081
MEDIA				1.0	6.4	13.5	21.0	24.6	23.9	19.5	14.2	6.3	1.3				131.6



JANEIRO DE 1979		COIMBRA														RAD.DIFUSA			
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO		
1				1	4	7	9	7	5	5	4	2	1				45		
2				1	5	9	8	11	16	17	12	9	1				53		
3				1	2	5	3	3	2	2	4	2	1				28		
4				1	6	8	13	14	15	10	10	5	3				83		
5				1	5	9	8	8	11	9	6	4	1				62		
6				0	3	5	6	6	6	5	5	4	1				41		
7				1	6	12	16	19	12	17	7	6	2				98		
8				1	7	8	9	9	10	11	6	6	2				71		
9				1	8	15	18	16	16	13	9	6	2				132		
10				1	2	4	4	4	3	3	4	3	1				29		
11				1	3	5	12	10	11	8	5	3	1				59		
12				1	6	12	12	11	12	13	11	6	1				85		
13				1	9	14	14	5	10	10	9	5	1				79		
14				1	3	4	5	4	5	4	4	3	1				34		
15				1	6	11	14	19	22	15	5	4	3				130		
16				1	5	6	8	7	7	7	6	4	1				52		
17				1	7	15	11	14	17	12	7	6	1				91		
18				1	6	7	20	15	19	16	14	8	2				110		
19				0	1	2	2	8	15	18	14	7	2				69		
20				2	4	6	7	7	7	7	7	4	1				52		
21				1	4	6	16	17	17	16	10	8	2				97		
22				2	2	4	12	16	20	11	10	4	1				81		
23				2	6	14	20	12	21	17	14	7	2				117		
24				2	7	12	14	11	8	5	5	4	1				69		
25				2	7	12	20	12	16	14	6	6	1				96		
26				1	9	14	8	8	17	7	4	5	2				75		
27				2	4	5	13	24	11	12	4	4	1				83		
28				2	4	7	10	15	15	11	10	8	3				85		
29		0		3	5	12	13	20	13	14	11	7	1	0			99		
30		0		2	7	15	18	14	15	13	11	7	2	0			134		
31		0		2	5	11	18	18	24	22	12	4	2	0			118		
TOTAL		0		39	100	274	361	365	398	346	248	159	44	0			2394		
MEDIA		0.0		1.2	3.2	8.8	11.6	11.8	12.8	11.2	8.0	3.1	1.4	0.0			77.2		

FEVEREIRO DE 1979		COIMBRA														RAD.DIFUSA			
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO		
1				0	1	3	7	7	5	5	4	3	2	0			47		
2				0	2	6	11	12	20	24	15	6	2	0			117		
3				0	2	4	7	15	11	8	9	3	1	0			72		
4				0	1	2	3	3	2	2	2	1	1	0			20		
5				0	2	6	7	4	5	4	6	4	3	1			42		
6				0	1	4	7	9	7	11	4	5	2	1			51		
7				0	4	8	15	18	19	14	7	4	2	0			111		
8				0	1	3	6	4	5	3	5	4	1	0			36		
9				0	2	8	7	4	15	13	7	5	3	0			67		
10				0	1	1	4	3	5	9	8	10	5	4			53		
11				0	3	11	17	15	16	19	10	15	12	4			125		
12				0	4	13	16	11	19	13	14	10	4	0			138		
13				0	3	9	9	17	12	21	14	14	13	4			116		
14				0	1	8	8	14	12	7	17	15	8	2			94		
15				0	3	10	11	21	23	20	17	12	11	5			133		
16				0	4	12	21	24	25	15	15	11	4	0			189		
17				0	3	4	5	6	9	29	31	19	14	4			125		
18				1	3	5	10	6	11	11	13	7	2	1			81		
19				1	3	9	15	18	18	15	14	14	10	5			122		
20				0	6	11	20	16	9	10	11	11	9	6			110		
21				0	3	4	3	8	11	13	4	3	1	0			53		
22				1	7	9	12	17	19	15	11	9	7	4			112		
23				0	3	5	7	7	7	11	8	9	6	4			58		
24				1	7	16	14	12	11	12	15	6	5	4			134		
25				0	4	8	11	17	17	14	9	8	6	4			96		
26				0	3	6	7	8	9	9	9	8	7	4			71		
27				1	4	6	8	8	9	8	8	7	5	1			74		
28				0	1	3	7	19	22	25	18	18	11	4			130		
TOTAL				5	84	194	276	327	355	373	310	274	188	88	10		2484		
MEDIA				0.2	3.0	6.9	9.9	11.7	12.7	13.3	11.1	9.8	6.7	3.1	0.4		88.7		



		MARCO DE 1979 COIMBRA RAD.DIFUSA																		
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO			
1			1	5	8	8	9	11	10	12	9	11	6	2			92			
2			1	5	5	7	8	7	7	7	6	6	5	1			85			
3			1	4	6	7	8	9	8	8	9	8	5	1			74			
4			1	7	14	11	19	23	28	23	20	19	11	1			174			
5			1	6	12	24	24	26	35	26	22	13	4	1			194			
6			0	4	11	10	13	12	22	15	15	7	4	1			114			
7			1	4	5	9	13	18	29	33	28	16	8	2			166			
8			2	8	17	33	33	38	38	43	12	23	6	2			252			
9			2	7	16	30	14	15	20	18	10	6	4	2			144			
10			2	6	11	12	12	8	11	24	16	16	9	2			129			
11			1	7	11	19	20	21	21	23	18	12	8	2			163			
12			3	13	15	9	10	10	10	9	6	7	5	2			121			
13			2	10	19	25	30	25	20	21	12	9	4	2			179			
14			1	3	13	19	17	20	22	16	16	15	6	2			151			
15			2	9	10	13	18	24	22	16	19	15	7	3			158			
16			2	8	11	16	16	16	19	24	18	12	5	2			149			
17			0	2	4	8	16	9	6	16	22	14	10	3			110			
18		J	0	1	2	3	16	22	11	17	13	11	6	1	J		135			
19		J	2	13	15	13	20	15	19	13	13	12	8	2	J		142			
20		J	2	8	11	16	13	12	21	24	23	18	11	4	J		153			
21		0	3	6	10	14	24	13	13	24	28	17	11	5	J		165			
22		0	5	14	17	26	29	15	26	17	5	8	4	1	J		157			
23		0	3	13	18	20	22	12	16	21	23	4	2	1	J		152			
24		0	1	9	10	12	17	17	12	10	5	4	1	1	J		99			
25		0	1	5	19	15	21	23	19	21	19	17	9	4	J		173			
26		0	1	8	11	19	28	29	21	24	19	11	8	5	J		184			
27		0	3	15	11	14	5	21	20	18	19	13	6	1	J		146			
28		0	1	6	19	24	22	23	20	21	20	15	9	4	J		184			
29		0	9	13	14	12	17	17	15	15	20	12	12	4	J		160			
30		0	3	5	7	8	9	13	16	22	18	17	14	5	J		138			
31		0	3	6	8	10	11	12	13	23	19	19	13	6	J		143			
TOTAL		J	60	222	300	466	537	550	573	603	524	384	222	75	J		4556			
MEIA		0.0	1.9	7.2	11.6	15.0	17.3	17.7	18.5	19.5	16.3	12.4	7.2	2.4	3.0		147.0			

		ABRIL DE 1979 COIMBRA RAD.DIFUSA																		
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO			
1			0	6	7	8	14	20	24	20	21	12	12	5	0		152			
2			0	6	13	24	25	27	26	24	21	16	11	6	0		213			
3			0	3	9	13	21	21	19	18	22	19	13	5	0		181			
4			0	3	13	22	32	23	19	20	8	3	4	2	0		151			
5			0	5	10	13	20	18	17	12	11	11	8	4	0		146			
6			0	7	14	16	19	25	30	34	33	28	21	14	6	0	247			
7			0	6	12	21	18	26	32	27	15	17	12	10	5	1	202			
8			0	1	4	6	3	11	16	22	14	14	8	4	0		104			
9			2	3	5	16	20	12	14	19	22	14	15	11	5	0	158			
10			1	4	9	7	12	19	19	33	23	13	13	4	0		166			
11			1	6	10	16	20	20	22	18	23	22	17	13	4	0	194			
12			1	7	18	27	28	21	26	24	24	17	13	6	2	0	214			
13			0	1	3	6	6	9	25	12	21	16	15	8	9	1	132			
14			0	5	11	13	15	20	22	19	23	19	14	9	5	1	176			
15			1	5	6	7	8	9	18	10	13	16	12	7	5	1	118			
16			0	4	7	9	10	11	12	16	15	13	11	9	5	1	123			
17			0	7	18	15	10	12	13	12	12	13	10	8	5	1	136			
18			1	4	6	7	8	9	8	8	7	7	7	7	5	1	87			
19			1	5	7	6	9	10	10	10	11	9	10	8	5	1	104			
20			2	7	11	12	12	16	14	19	25	25	21	11	6	1	182			
21			1	3	10	18	14	13	12	9	8	11	13	5	1		126			
22			1	5	6	12	23	29	14	12	10	11	14	10	7	1	154			
23			1	4	16	17	26	28	35	23	29	23	12	6	4	0	224			
24			2	7	13	19	20	24	31	26	33	23	20	16	7	1	242			
25			2	8	17	24	19	14	22	21	24	22	13	8	7	1	232			
26			1	5	6	7	10	11	10	10	9	9	6	6	2		102			
27			1	5	6	5	8	7	11	4	11	7	6	5	1		85			
28			1	5	7	9	9	10	11	10	9	10	10	8	6	2	107			
29			2	8	19	16	18	21	27	30	25	15	9	8	6	2	206			
30			1	4	6	8	9	8	9	9	10	9	7	5	2		95			
TOTAL			22	145	286	362	447	511	560	528	559	475	379	276	155	22	4749			
MEIA			0.7	4.8	9.5	12.7	14.9	17.0	18.7	17.8	18.6	15.8	12.6	9.3	5.2	0.7	158.3			



		MAYO DE 1979																		COIMBRA	RAD.DIFUSA	T.DIARIO
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO					
1			7	12	20	29	20	12	9	9	8	8	8	8	2		154					
2			6	9	16	16	10	14	10	13	17	11	8	6	2		135					
3			10	14	14	14	10	12	17	14	10	10	8	6	2		153					
4	0		6	8	8	8	9	9	9	10	10	9	8	8	2	0	105					
5	0		5	7	11	12	10	12	19	16	12	15	16	8	2	0	147					
6	0		6	13	19	27	19	16	14	13	17	24	21	10	2	0	203					
7	0		9	20	18	23	21	34	34	33	34	18	11	7	2	0	276					
8	0		7	11	20	28	31	24	14	13	11	12	8	7	3	0	191					
9	0		6	8	10	11	11	10	10	9	7	8	7	5	2	0	106					
10	0		10	15	10	10	11	11	12	12	12	11	8	6	2	0	133					
11	0		5	6	7	8	8	8	9	9	9	8	7	5	2	0	93					
12	0		4	6	7	7	7	7	8	8	9	9	7	5	2	0	88					
13	0		10	11	12	13	13	13	13	15	16	13	10	7	3	0	144					
14	0		7	6	6	6	6	6	9	9	9	9	8	6	3	0	102					
15	0		10	13	16	16	16	15	14	18	17	15	12	9	3	0	166					
16	0		7	11	16	17	17	16	16	17	17	17	16	10	3	0	250					
17	0		9	9	9	15	14	26	23	32	29	27	17	10	3	0	243					
18	0		14	17	20	22	24	26	31	20	14	9	7	9	2	0	232					
19	0		14	26	19	24	22	25	17	8	3	7	5	1	0	0	184					
20	0		9	19	25	18	14	35	26	31	31	24	14	9	3	0	291					
21	0		8	11	15	13	24	25	16	8	9	11	6	2	0	0	160					
22	0		19	21	28	31	27	23	22	13	12	9	8	4	0	0	230					
23	0		10	6	7	10	6	14	25	19	16	11	6	0	0	0	136					
24	0		12	17	30	21	24	14	33	32	28	18	8	3	0	0	261					
25	0		20	21	25	34	36	28	21	11	16	14	19	7	3	0	251					
26	0		20	23	25	28	34	30	17	19	19	10	20	8	1	0	222					
27	0		10	15	16	16	4	5	6	6	9	6	4	2	1	0	165					
28	0		10	10	10	10	10	10	10	10	10	10	10	10	10	0	205					
29	0		10	16	17	19	20	23	24	26	18	18	13	11	4	0	196					
30	0		11	11	11	11	11	11	11	11	11	11	11	11	11	0	223					
31	0		11	7	8	8	10	17	20	23	23	14	10	7	4	0	167					
TOTAL	0	10	214	335	444	552	612	614	566	550	517	437	367	232	79	0	5614					
MEDIA	0.0	2.3	7.1	11.5	14.3	17.8	19.7	19.6	18.3	17.7	16.7	14.1	11.8	7.5	2.5	0.0	181.1					

		JUNHO DE 1979																		COIMBRA	RAD.DIFUSA	T.DIARIO
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO					
1	0	4	6	9	13	15	13	12	14	20	17	10	8	7	4	0	152					
2	0	4	8	8	9	9	10	18	24	17	12	13	11	8	4	0	155					
3	0	4	7	16	28	35	29	22	16	14	13	16	11	8	5	0	224					
4	0	4	9	16	14	16	16	17	17	16	14	12	10	8	4	0	173					
5	0	4	14	22	24	15	17	16	14	13	14	13	11	7	4	0	188					
6	0	3	10	21	15	13	13	14	15	14	12	10	10	7	4	0	161					
7	0	5	10	15	17	18	16	10	10	11	11	10	9	8	4	0	154					
8	0	5	9	11	14	18	23	20	27	24	21	16	12	9	4	1	214					
9	0	5	11	19	22	30	25	30	24	21	25	20	19	8	2	0	261					
10	0	1	6	13	16	19	19	13	9	11	25	12	16	11	5	1	177					
11	1	4	13	22	15	10	22	27	10	6	9	20	13	10	5	0	187					
12	0	1	7	15	19	30	26	35	37	38	27	22	12	5	5	1	280					
13	0	1	5	16	21	19	19	20	15	18	16	13	11	9	4	1	188					
14	0	4	7	20	22	24	26	26	15	24	28	21	10	7	4	1	239					
15	1	8	10	9	10	9	9	9	8	9	15	10	8	8	7	1	131					
16	0	4	7	8	8	9	11	11	9	7	6	6	6	5	3	0	100					
17	0	3	5	6	6	7	7	7	7	7	7	6	6	5	3	0	82					
18	0	3	5	7	8	8	8	9	9	9	9	9	8	7	4	0	104					
19	0	4	7	9	10	12	15	12	12	13	12	12	10	7	4	0	139					
20	0	1	4	8	20	33	31	21	18	15	13	12	10	8	4	1	199					
21	0	1	5	10	18	22	22	24	39	36	22	16	12	8	3	0	238					
22	0	1	4	6	13	20	21	29	32	40	33	21	13	4	1	0	238					
23	0	1	4	9	21	28	22	16	21	24	15	29	23	6	1	0	220					
24	0	4	10	21	23	27	25	16	14	15	15	12	11	9	4	0	206					
25	0	3	8	18	15	16	16	16	17	17	17	14	14	13	6	1	191					
26	0	2	11	19	16	17	20	17	16	17	20	22	16	14	8	1	216					
27	0	1	5	8	18	26	38	43	34	30	26	15	17	9	3	0	273					
28	1	4	8	9	10	11	12	14	15	21	23	10	16	4	4	1	163					
29	0	3	8	14	22	24	32	30	31	35	29	22	13	10	4	0	277					
30	0	6	14	17	22	22	25	6	8	33	32	25	14	15	4	0	243					
TOTAL	3	98	237	401	489	562	589	560	537	575	538	449	360	244	121	10	5773					
MEDIA	0.1	3.3	7.9	13.4	16.3	18.7	19.6	18.7	17.9	19.2	17.9	15.0	12.0	8.1	4.0	0.3	192.4					



JULHO DE 1979 COIMBRA RAD.DIFUSA																	
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.OIARIO
1	0	1	3	10	24	25	36	33	32	40	23	14	11	9	4	0	265
2	0	3	6	7	8	8	8	9	9	9	9	8	8	6	4	0	102
3	0	4	7	8	9	10	11	11	11	12	12	12	12	9	4	0	132
4	0	4	8	11	14	15	15	16	16	21	24	10	10	9	5	1	179
5	0	4	9	12	14	18	26	19	17	21	21	16	15	8	5	1	204
6	0	4	7	11	21	30	32	33	28	28	24	24	17	12	8	1	280
7	0	4	10	13	16	16	18	27	26	26	17	16	14	10	7	0	220
8	0	4	8	10	12	12	12	13	13	15	16	14	12	9	4	0	154
9	0	3	9	18	28	34	28	22	21	18	17	15	13	10	5	0	241
10	1	3	14	14	24	12	11	18	21	10	10	4	8	11	6	0	167
11	0	4	11	5	5	1	6	20	23	30	30	18	15	5	2	0	175
12	0	2	9	19	27	24	28	32	32	28	21	15	11	8	4	0	260
13	0	5	10	10	11	12	12	12	12	12	12	12	10	7	4	0	141
14	0	4	7	9	11	12	13	14	14	14	14	13	11	8	4	0	148
15	0	4	12	14	15	16	16	17	18	20	22	18	12	8	4	0	196
16	0	4	8	12	15	16	17	17	17	16	17	15	12	8	4	0	178
17	0	4	12	22	24	17	16	17	18	17	17	16	14	9	4	0	207
18	0	1	2	5	6	9	12	12	15	21	32	18	8	4	1	0	146
19	0	0	3	5	10	10	10	9	18	38	32	20	14	8	3	0	180
20	0	3	6	12	25	18	18	16	16	18	16	14	12	9	4	0	167
21	0	4	11	15	16	14	14	14	18	18	17	15	12	8	3	0	179
22	0	4	4	7	19	24	35	29	29	27	23	17	13	9	4	0	244
23	0	3	6	14	14	14	14	14	15	15	15	13	11	8	3	0	159
24	0	3	8	12	12	15	25	27	18	21	20	18	13	8	3	0	203
25	0	3	9	19	24	20	17	16	15	14	13	12	9	7	3	0	181
26	0	1	3	7	17	26	15	13	13	12	10	10	8	6	3	0	144
27	0	3	8	16	26	19	14	12	11	10	9	9	6	5	3	0	151
28	0	1	5	8	14	24	17	13	12	11	10	9	7	5	3	0	139
29	0	2	9	16	13	14	15	12	11	10	7	9	8	8	3	0	137
30	0	1	6	16	19	20	21	8	15	13	14	14	10	8	4	0	169
31	0	2	10	22	19	15	22	26	19	15	17	15	12	5	2	0	201
TOTAL	1	92	240	379	512	520	554	551	553	580	541	433	348	244	120	3	5671
MEDIA	0.0	3.0	7.7	12.2	16.5	16.8	17.9	17.8	17.8	18.7	17.5	14.0	11.2	7.9	3.9	0.1	182.9

AGOSTO DE 1979 COIMBRA RAD.DIFUSA																	
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.OIARIO
1	0	3	12	12	10	19	24	31	36	33	27	17	15	8	2	0	249
2	0	3	8	9	21	16	28	27	23	23	20	9	11	11	2	0	211
3	0	3	10	17	12	18	20	24	20	20	18	11	6	5	2	0	186
4	0	3	10	14	10	11	12	12	13	10	10	8	7	5	2	0	127
5	0	2	10	17	24	23	13	14	13	12	13	10	9	8	3	0	171
6	0	2	8	18	12	11	12	11	13	8	6	6	5	4	2	0	118
7	0	2	7	11	16	17	23	21	18	18	19	15	13	7	1	0	188
8	0	4	9	11	15	23	24	26	29	26	14	8	7	5	2	0	203
9	0	2	9	12	10	9	9	8	8	8	7	7	6	5	2	0	102
10	2	10	14	8	8	9	9	8	9	10	9	8	7	5	1	0	108
11	2	4	6	6	7	8	8	8	8	9	10	9	8	5	1	0	91
12	2	6	8	10	11	11	12	11	11	11	11	9	8	6	2	0	118
13	1	3	11	22	33	26	30	18	13	11	11	10	8	5	1	0	192
14	2	10	11	10	13	28	25	29	23	11	10	11	10	8	2	0	211
15	2	5	6	8	8	10	12	12	13	14	11	11	12	8	3	0	124
16	2	6	10	12	13	12	14	14	14	11	8	7	4	4	2	0	129
17	2	7	13	12	10	9	10	9	9	9	8	8	6	6	2	0	114
18	1	6	7	9	10	10	10	12	12	11	10	9	7	5	1	0	110
19	1	4	5	6	7	8	8	8	12	12	8	7	7	5	2	0	92
20	1	4	5	6	7	7	7	8	8	7	8	8	7	4	1	0	81
21	1	5	7	9	10	10	10	10	10	8	8	8	7	4	1	0	98
22	0	5	8	10	12	12	12	12	12	11	11	9	7	4	1	0	114
23	1	3	7	11	20	29	31	17	17	13	10	10	9	5	1	0	174
24	1	5	7	8	10	10	9	10	11	10	8	6	6	4	1	0	100
25	2	5	8	13	13	13	11	9	7	6	6	5	4	4	1	0	103
26	0	4	14	20	20	17	14	12	11	8	7	6	4	4	1	0	138
27	1	7	11	8	9	10	11	11	11	12	17	13	7	7	2	0	130
28	1	5	8	10	11	10	13	15	14	13	10	9	5	0	0	0	124
29	1	6	15	14	19	23	17	13	12	11	10	8	5	1	0	0	155
30	1	8	12	13	14	15	14	13	14	13	11	10	12	10	1	0	148
31	0	1	4	6	10	27	29	22	22	15	8	6	4	4	1	0	155
TOTAL	0	51	202	318	361	422	479	492	460	433	376	292	256	175	47	0	4364
MEDIA	0.0	1.6	6.5	10.3	11.6	13.6	15.5	15.9	14.8	14.0	12.1	9.4	8.3	5.6	1.5	0.0	140.8



SETEMBRO DE 1979 COIMBRA RAD.DIFUSA																	
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T. DIARIO
1		0	3	11	17	11	12	12	11	8	6	5	5	4	0		105
2		0	4	15	11	9	9	8	7	7	6	5	5	3	0		89
3		0	4	7	9	10	11	11	12	12	11	10	8	4	1		120
4		0	5	9	13	15	17	19	19	16	13	11	8	4	0		149
5		0	1	5	14	28	27	14	13	14	13	10	8	4	0		151
6		0	2	7	16	28	24	21	14	9	7	6	4	4	1		145
7		0	6	10	11	12	12	12	12	10	8	6	4	4	0		115
8		0	3	11	19	21	19	16	14	13	11	8	4	4	0		153
9		0	4	14	15	14	16	17	18	14	21	15	10	4	0		168
10		0	4	10	13	14	14	14	15	16	15	13	10	4	0		144
11		0	2	6	13	19	32	23	19	19	16	14	9	4	0		176
12		0	1	4	8	13	28	28	22	20	15	12	10	5	0		166
13		0	9	12	13	19	21	20	16	16	16	16	12	6	0		172
14		0	2	10	21	17	20	14	24	14	22	17	9	2	0		176
15		0	3	7	10	12	16	20	27	21	18	13	8	6	0		161
16		0	4	10	17	25	22	19	18	19	24	19	20	5	0		202
17		0	1	4	8	20	26	30	18	15	14	15	10	4	0		165
18		0	1	5	6	10	11	17	28	26	21	15	14	7	0		163
19		0	3	12	14	25	28	27	24	22	22	15	8	3	0		203
20		0	5	12	13	22	18	24	21	22	21	15	10	5	0		188
21		0	3	10	8	10	14	20	21	11	8	7	5	2	0		119
22		0	3	5	15	22	26	17	14	19	17	14	11	3	0		166
23		0	2	3	4	5	5	5	5	7	6	6	5	2	0		55
24		0	1	3	5	6	6	6	6	7	7	6	5	2	0		60
25		0	2	3	5	6	7	6	5	5	5	7	5	3	0		59
26		0	2	5	9	9	9	10	9	7	9	8	6	2	0		85
27		0	2	5	6	8	8	8	9	8	8	7	5	1	0		76
28		0	1	6	9	12	13	12	11	11	9	8	6	2	0		101
29		0	1	5	14	14	13	12	11	11	11	8	6	2	0		108
30		0	1	6	13	12	12	13	13	11	10	8	6	2	0		107
TOTAL	0	0	86	232	351	450	496	477	456	418	394	324	244	107	2		4037
MEDIA	0.0	0.0	2.9	7.7	11.7	15.0	16.5	15.9	15.2	13.9	13.1	10.8	8.1	3.6	0.1		134.6

OUTUBRO DE 1979 COIMBRA RAD.DIFUSA																	
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T. DIARIO
1			2	8	13	13	17	18	15	26	22	13	10	2			159
2			2	6	9	11	10	14	10	11	11	11	7	1			103
3			1	7	12	17	30	18	24	17	7	3	1	1			138
4			1	7	11	17	25	25	22	19	16	8	0	1			160
5			1	4	9	11	14	14	15	8	8	3	6	1			96
6			1	6	16	18	17	17	12	9	16	13	7	2			134
7			2	9	20	21	29	27	26	24	20	9	3	0			190
8			0	4	11	25	17	7	26	28	14	7	9	4			152
9			1	5	14	21	12	8	30	21	8	11	6	2			139
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20			0	2	5	9	8	8	7	17	13	9	5	1			84
21			0	4	7	15	25	24	15	13	9	8	6	2			126
22			0	2	11	16	11	13	20	20	20	15	4	1			133
23			1	6	12	18	22	20	17	18	10	9	5	0			158
24			0	4	7	13	24	22	25	22	20	13	7	1			156
25			0	4	10	13	13	23	23	19	12	14	7	0			158
26			0	3	9	12	9	11	14	18	12	7	4	1			100
27			1	5	11	16	18	16	15	11	16	7	5	0			121
28			0	5	12	12	7	7	8	11	13	9	3	0			87
29			0	4	12	19	18	15	15	14	15	8	4	0			126
30			0	4	10	21	10	9	9	8	7	6	3	1			88
31			0	4	7	7	8	19	22	21	14	6	2	0			110
TOTAL	0	0	86	232	351	450	496	477	456	418	394	324	244	107	2		4037
MEDIA	0.0	0.0	2.9	7.7	11.7	15.0	16.5	15.9	15.2	13.9	13.1	10.8	8.1	3.6	0.1		134.6



		NOVEMBRO DE 1979																		COIMBRA	RAD.DIFUSA
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO				
1			0	5	2	9	11	23	23	17	12	5	4	0			117				
2			0	6	13	13	7	8	8	7	6	4	2	0			75				
3			0	2	3	4	5	5	5	6	5	4	2	0			41				
4			0	2	4	4	5	6	6	6	6	5	3	0			47				
5			0	3	6	6	7	8	9	8	6	6	3	0			62				
6			0	2	4	4	5	6	7	7	5	5	3	0			48				
7			0	3	9	14	18	21	18	22	16	7	3	0			131				
8			0	1	3	5	7	8	11	17	8	3	1	0			64				
9			0	2	4	10	9	9	8	6	12	10	4	0			74				
10			0	2	4	4	5	5	5	5	5	5	2	0			42				
11			0	3	7	9	7	8	7	7	7	5	3	0			63				
12			0	3	6	4	5	5	8	11	12	9	1	0			64				
13			0	1	4	5	9	18	24	9	3	3	1	0			77				
14			0	1	1	3	3	4	17	11	10	6	3	0			59				
15						10	17	15	20	11	10	4	2				97				
16						12	15	16	19	15	15	8	2				112				
17						6	5	4	9	9	6	3	1				49				
18						6	7	14	15	13	7	5	4	2			77				
19						2	10	7	5	6	5	5	2				55				
20						1	7	14	19	25	17	15	7	1			119				
21				1	3	4	4	5	5	5	4	3	1				35				
22				1	4	5	5	5	5	5	4	4	1				39				
23				1	3	5	5	5	5	5	5	4	1				39				
24				1	4	4	6	6	6	5	4	3	1				40				
25				1	4	6	6	6	6	5	4	3	1				42				
26				1	3	4	5	5	5	5	4	3	0				35				
27				1	3	4	4	4	4	3	3	2	0				28				
28				1	3	3	4	4	5	4	3	2	0				29				
29				1	3	3	4	5	6	7	5	4	1				39				
30				1	10	11	12	11	10	8	8	6	2				81				
TOTAL			10	41	154	206	235	269	292	233	211	142	53	0			1880				
MEDIA			2.0	2.0	5.3	6.9	7.6	9.0	9.7	8.4	7.0	4.7	1.8	0.0			62.7				

		DEZEMBRO DE 1979																		COIMBRA	RAD.DIFUSA
TSV	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	T.DIARIO				
1				1	5	6	6	6	6	5	4	2	1				42				
2				1	3	4	5	6	6	5	4	3	1				38				
3				2	6	6	7	10	9	10	10	10	2				72				
4				1	4	6	7	7	7	6	5	4	1				47				
5				1	4	5	5	6	6	6	4	3	1				41				
6				1	4	6	8	10	13	17	11	8	2				80				
7				0	3	5	16	17	18	17	14	6	1				97				
8				0	3	2	4	13	10	7	9	5	1				54				
9				1	6	8	16	14	9	4	3	2	1				64				
10				1	5	7	14	17	9	6	5	2	1				67				
11				0	1	3	3	6	10	8	7	4	1				45				
12				1	7	10	8	6	23	14	4	3	1				77				
13				1	4	6	7	7	6	4	6	4	1				46				
14				1	5	8	13	7	10	10	8	3	1				66				
15				0	1	2	4	5	5	3	3	2	1				26				
16				1	6	13	6	7	12	7	9	2	1				64				
17				1	4	5	6	9	12	10	8	4	1				60				
18				1	3	6	8	11	16	11	5	3	1				65				
19				1	3	6	7	13	13	7	7	3	1				61				
20				0	3	4	4	6	6	6	7	5	1				42				
21				0	3	4	4	5	5	5	4	4	1				35				
22				1	5	11	15	11	11	7	7	2	1				71				
23				1	3	10	20	15	8	3	5	3	0				66				
24				0	1	4	12	19	15	11	12	5	0				79				
25				0	5	11	15	19	14	15	6	3	1				89				
26				1	7	13	7	6	5	5	5	4	1				54				
27				1	5	11	13	14	11	14	12	4	1				86				
28				2	7	11	14	7	6	6	7	4	1				65				
29				1	6	14	22	24	16	17	12	7	1				120				
30				0	1	3	5	7	12	14	8	4	0				54				
31				1	2	5	4	6	4	7	3	1	0				33				
TOTAL				24	125	215	284	316	313	267	214	119	29				1908				
MEDIA				0.8	4.0	6.9	9.2	10.3	10.1	8.6	6.9	3.8	0.9				61.5				



1979

AVIACAT REFLECTIVA E CIRCUNDAL CALZUREI

DIA	JANUARO		FEBRUARO		MARCH		APRIL		MAY		JUNIO		JULIO		AGOSTO		SEPTIEMBRE		OCTUBRE		NOVIEMBRE		DICIEMBRE	
	MM	CC	MM	CC	MM	CC	MM	CC	MM	CC	MM	CC	MM	CC	MM	CC	MM	CC	MM	CC	MM	CC	MM	CC
1	9	17	12	51	149	255	170	277	200	275	244	361	109	161	170	240	167	604	339	207	339	47	339	101
2	67	120	43	80	154	461	91	176	236	319	229	312	201	330	114	167	190	603	339	246	339	433	339	107
3	9	3	23	46	159	249	67	143	224	312	219	294	246	306	162	675	190	260	339	73	339	633	339	109
4	60	119	1	29	144	167	60	101	241	312	234	331	204	304	617	306	160	639	339	176	339	633	339	110
5	66	155	14	20	62	113	187	287	234	317	230	307	196	304	617	302	160	639	339	76	339	633	339	111
6	102	192	17	20	30	57	159	228	206	284	230	329	162	304	618	312	166	643	339	113	339	633	339	112
7	49	61	40	56	68	111	167	275	165	227	231	346	190	306	170	268	166	676	339	149	339	73	339	113
8	47	165	6	21	109	175	23	60	140	265	222	319	220	344	177	201	166	647	339	149	339	63	339	114
9	50	91	11	40	142	221	24	113	241	319	185	265	207	306	618	309	166	650	339	86	339	63	339	115
10	4	10	14	40	158	251	70	136	227	302	69	194	59	101	215	308	160	677	339	604	339	633	339	116
11	15	30	45	99	159	250	119	177	237	319	121	165	60	100	212	322	146	609	339	91	339	190	339	117
12	23	50	34	76	171	251	141	230	231	317	135	195	167	266	205	466	140	600	339	47	339	166	339	118
13	77	136	43	85	76	120	36	96	217	314	184	266	229	316	162	277	164	605	339	114	339	63	339	119
14	106	205	26	56	104	162	141	244	236	320	203	297	234	443	182	295	76	616	339	141	339	60	339	120
15	44	146	72	134	67	176	411	312	231	323	239	422	219	306	622	344	144	624	339	82	339	66	339	121
16	97	191	68	154	60	176	411	312	112	141	244	359	215	306	612	315	146	624	339	139	339	66	339	122
17	75	134	133	225	38	77	205	291	102	165	256	401	217	347	604	295	161	624	339	230	339	60	339	123
18	75	134	18	41	49	99	234	318	131	181	241	361	54	96	612	314	66	624	339	292	339	107	339	124
19	21	46	116	200	75	144	231	319	75	144	237	370	76	112	616	314	163	624	339	144	339	134	339	125
20	104	199	118	197	24	172	409	301	165	143	145	262	196	342	607	307	146	624	339	144	339	140	339	126
21	27	52	6	26	38	216	185	401	51	63	89	137	206	316	607	300	170	604	339	64	339	617	339	127
22	22	44	129	214	66	110	172	234	193	269	87	134	167	277	192	266	170	609	339	169	339	610	339	128
23	66	125	146	256	45	63	94	138	52	89	84	128	214	302	151	293	167	610	339	167	339	600	339	129
24	27	46	140	224	26	60	136	216	141	229	217	275	202	321	607	307	166	610	339	191	339	134	339	130
25	63	57	136	196	105	175	191	286	44	147	217	300	209	321	612	304	166	610	339	122	339	604	339	131
26	19	39	165	266	110	276	236	314	71	124	221	311	160	267	196	306	166	610	339	146	339	136	339	132
27	28	58	164	266	65	113	244	323	23	26	143	216	207	297	199	266	166	610	339	153	339	606	339	133
28	89	177	59	141	112	169	247	317	111	169	200	296	184	266	612	307	159	601	339	219	339	606	339	134
29	37	78			166	271	224	309	74	118	124	212	223	299	181	277	151	609	339	181	339	190	339	135
30	74	132			140	248	640	312	166	204	152	193	137	677	184	266	166	607	339	156	339	151	339	136
31	84	143			162	261			236	325			66	143	147	219			339	151				137

TOTAL

14+DEC	53	96	18	37	115	147	106	180	216	244	209	306	167	278	192	260	176	604	339	143	339	107	339	164
24+DEC	68	127	69	111	42	157	174	259	173	244	206	302	169	257	203	322	146	195	339	124	339	147	339	160
34+DEC	46	86	116	204	109	167	197	275	110	164	153	221	191	275	190	262	166	606	339	159	339	136	339	138
MSL	55	109	65	111	104	177	159	238	164	232	190	276	183	270	195	294	156	602	339	143	339	136	339	140
TOTAL	1710	3179	1813	3107	2221	5493	4769	7133	5091	7191	5687	8286	6659	8479	6044	9126	6725	7247	339	4419	339	1034	339	3110

NOTA: +99 SIGNIFICA \*\*ALMA\*







JANEIRO 1979

PRECIPITACAO (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
1	.1	.0	.0	.1	.9	.9	.1	.1	.0	.0	.0	.1	2.1
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0	5.9
4	.0	.4	2.7	.1	.1	.1	.1	.0	.0	.1	.0	.1	.0
7	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.5
11	.0	.1	.1	.5	.4	.4	.1	.4	.1	.5	2.0	.0	.1
12	.5	.3	.1	.1	.2	.0	.0	.0	.0	.1	.4	.1	.8
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
19	.2	3.9	4.7	2.3	2.6	4.2	4.4	.1	.9	1.9	.2	.0	.0
20	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.2	.0	.1	.4	.2	.0	.0
22	1.0	.3	1.4	.8	2.0	3.1	.3	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.4	.5	.0	.0	.0	1.0	5.2	.0	.0	1.1	.1
27	1.4	.2	.0	.7	3.1	5.2	.5	.0	.1	.0	.4	.0	.1
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	3.1	1.0	2.0	.2	.0	.4	.0	3.9	.2	.6	.3	1.4	.7
30	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0
TOTAL	5.4	6.2	11.6	5.3	9.5	14.3	5.7	5.8	6.9	3.6	3.8	6.2	11.3

FEVEREIRO 1979

PRECIPITACAO (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
1	.2	2.0	1.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
2	.3	1.1	1.4	3.9	.4	.5	.2	.0	.4	.0	.0	.0	.0
3	.0	.1	.1	.0	2.1	.0	.0	.0	.0	.1	.0	.0	.3
4	.0	.0	.0	.6	1.1	1.1	.0	1.9	8.1	6.1	4.1	6.2	3.7
5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	1.4
6	.6	.5	.4	.1	.0	.0	.0	.1	.2	.1	.0	.0	.1
7	5.1	.4	1.9	1.5	11.9	2.8	1.4	.0	.0	.0	.0	.0	.0
8	.6	.2	.0	.0	.0	.0	.0	.0	.0	.4	.1	.6	.1
9	2.6	1.2	1.3	.1	.0	.2	.7	1.1	.1	.0	.1	1.1	.1
10	1.9	2.8	1.4	.0	.0	.0	.5	1.1	2.7	3.8	4.1	1.8	.1
11	1.9	.5	.8	1.8	.6	.4	.1	.0	.0	1.3	.0	.0	.3
12	.2	.3	.4	.6	1.0	4.0	.8	.0	.2	.0	.2	3.0	.0
13	.1	.0	.2	.2	.0	1.9	1.5	.0	.0	.0	.0	.2	.5
14	.1	3.7	1.4	.2	.9	.0	.0	.0	.2	.4	2.1	.0	.0
15	1.4	1.8	.6	.2	2.4	1.7	.8	1.1	.5	.1	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	2.3	1.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.9	1.2
22	.0	.0	.0	1.2	2.1	1.7	4.2	2.2	2.8	1.2	.2	.1	.3
TOTAL	16.0	14.7	10.9	10.6	22.6	14.3	9.9	7.5	15.4	13.7	12.1	16.8	9.1



13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	TOTAL	MAX.1H
1.9	1.3	2.0	1.6	.4	.4	.4	.3	.0	.0	.0	12.7	2.1
.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
9.3	3.4	.9	1.0	1.9	.3	.0	.0	2.9	1.3	.1	30.3	9.3
.4	.0	.7	.0	1.9	.3	.5	.0	.0	.0	.0	7.5	2.7
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
.9	1.3	1.9	.5	.7	.7	1.6	.3	1.3	1.2	.7	13.0	1.9
1.1	.0	.1	.3	.1	.5	.6	.0	.2	.3	.6	8.5	2.0
.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.8
.0	.0	.0	.0	.0	.0	.6	.5	.0	1.5	.0	2.6	1.5
.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.4	.1
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.4	4.7
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	1.5	.4
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	2.0
.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
.0	.0	.0	.1	1.1	.0	.0	.0	.0	.2	.0	1.4	1.1
.0	.0	.0	.0	.0	.0	.2	.4	.3	.8	1.4	11.4	5.2
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.7	5.2
.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.1	.6	.3
.7	.1	1.2	.6	.2	.8	.0	.7	.0	.0	.0	18.1	3.9
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.3
14.5	6.2	6.8	4.2	6.5	3.0	4.0	2.5	5.0	5.6	3.0	157.9	

13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	TOTAL	MAX.1H
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.5	2.0
.0	.0	.0	.0	1.2	.3	.0	.3	.0	.6	.6	11.4	3.9
.1	.1	.3	.2	.3	.1	.3	.1	.0	.0	.1	4.3	2.1
.1	.2	1.4	.0	.3	4.1	3.0	.8	.9	.9	.2	44.8	8.1
1.2	.1	.0	.4	.4	.6	.2	.2	1.2	1.1	.4	8.4	1.4
.0	.2	2.2	4.0	9.7	3.6	2.5	.1	.2	.8	1.5	26.9	9.7
.0	.1	.3	.2	.2	.0	.0	.0	.1	.0	.0	25.9	11.9
5.1	2.5	.3	.8	3.9	4.8	4.1	1.0	3.3	4.4	1.2	33.4	5.1
.0	1.5	4.7	.1	.7	7.5	.1	.0	.1	.1	.0	23.4	7.5
.1	.7	.0	.0	.0	.9	.0	.0	.7	1.1	1.0	24.7	4.1
.9	.9	.2	.0	.0	.1	.0	.0	.0	.0	.0	9.8	1.9
.9	1.5	.7	.6	.0	2.3	.0	.2	.1	.5	.0	17.2	4.0
.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	1.9
2.1	.4	1.0	.2	.7	2.3	1.0	3.1	2.9	1.6	3.3	27.6	3.7
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	2.4
.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.8	.4
.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	2.3
1.9	.2	.3	.2	.3	.0	.0	.0	.0	.0	.0	5.5	1.9
.0	.0	.7	.1	.1	.0	.7	.0	.7	1.1	.0	15.4	4.2
13.2	8.5	12.1	6.8	17.8	26.6	11.9	5.8	10.2	12.6	10.7	309.8	



MARCO 1979

PRECIPITACION (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
5	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
6	.4	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.9	1.9
7	.1	.1	.0	.0	.1	.0	.0	.0	.0	.3	.0	.0	.0
14	.0	.0	.0	1.1	1.6	1.7	2.2	.3	.2	.0	.0	.0	.0
15	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.9	.6	.0
16	.1	.5	.4	.1	2.0	1.2	.8	.3	.2	.0	.0	2.2	.7
17	.0	.0	.0	.0	3.2	.6	.8	.0	.4	1.3	.8	.3	1.6
18	.0	.1	.0	.1	.0	.4	.0	.3	1.7	4.5	1.3	.1	1.3
19	.0	.1	1.6	.8	.3	.1	.1	.1	.0	.0	.4	2.0	.9
20	.0	.1	.1	.8	.8	.8	.5	.6	.0	.1	.6	.4	.0
21	.9	.0	.0	.3	2.2	.0	.2	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1
24	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
25	.0	.1	.3	3.3	2.5	.0	.0	.0	.0	.0	.0	.0	.0
26	.4	1.1	.9	.1	.0	.0	1.4	.3	.0	.2	.0	.0	.0
27	.0	.0	.2	.0	.0	.4	.1	.0	.0	.5	.2	.2	.2
28	1.1	.5	.4	.1	.5	.3	.7	.4	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
TOTAL	3.3	2.7	4.0	6.8	13.2	6.1	7.0	2.4	2.5	7.0	4.4	7.0	6.6

ABRIL 1979

PRECIPITACION (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
2	.0	.0	.1	.0	.0	.0	.0	.1	.0	.4	.7	.0	.1
3	.0	.0	.0	.0	.0	.6	.1	.0	.0	.0	.2	.3	.1
4	.0	.0	.0	2.1	.8	.2	.9	2.6	3.9	.1	.1	.0	2.5
8	.0	.0	.1	.0	.0	.0	.0	2.4	7.3	3.3	3.5	3.5	1.9
9	.0	.1	.1	.0	.0	.0	.0	1.6	.0	.0	.3	2.5	1.7
10	.0	1.0	1.2	.0	.0	.0	.3	.5	2.0	2.4	2.6	.4	1.2
11	.0	.3	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.4
12	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.3	.1	.2	.3	1.6	.1	.0	.6	1.3	.4
14	.1	.0	.2	.1	.0	.0	.0	.0	.0	.7	.0	.0	.2
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.0	.0	.1
TOTAL	.1	1.3	1.5	2.5	.9	1.0	1.6	9.0	13.4	7.1	8.1	8.0	8.1







MAY 1979

PRECIPITACAN (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
17	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	1.3	.1	.0	1.3	.0	.0	.0	.0	.0	.0	.4	.8	.5
21	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	1.1	.0
22	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	1.2	.2
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.1	.6	1.2	.8	.1	.1	.2	.1	.4	.5	.1	.0	.1
27	.0	.1	.9	1.0	1.7	1.8	2.6	1.4	1.3	1.1	.6	1.2	1.0
28	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
30	3.5	2.3	1.7	1.9	1.6	1.1	.1	.0	.0	.0	.0	.0	.0
TOTAL	5.2	3.3	3.8	5.1	3.5	3.0	3.0	1.5	2.0	1.7	1.2	4.3	1.8

JUNE 1979

PRECIPITACAN (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
12	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.6	.1	.0	.0	.0	.0
24	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	15.9
TOTAL	.0	.0	.0	.0	.7	.1	.1	.6	.1	.0	.0	1.6	16.0

JULY 1979

PRECIPITACAN (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	4.9	6.5	7.6	5.6	.0	.0	.0	.0	1.9	6.7	3.0	.0
18	.0	.0	.0	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0
19	.0	.5	.1	.1	.3	.1	.0	.0	.0	.0	.1	.0	.0
26	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	5.4	6.5	7.7	6.0	.1	.4	.0	.0	1.9	6.8	3.0	.0



13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	TOTAL	MAX.1H
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
.5	.6	3.0	.7	.1	.5	.3	.0	.0	.0	.5	6.2	3.1
.0	.6	1.0	.1	.0	.0	.0	.0	.0	.0	.0	6.1	1.3
.0	.5	.6	.1	.0	.0	.0	.0	.0	.0	.2	2.7	1.2
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
2.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	2.6
.0	.3	.0	.0	.0	.0	.0	.0	.1	.1	.3	.8	.4
.7	.4	.0	.1	.0	.0	.0	.1	.0	.0	.2	5.8	1.3
1.5	.5	.2	.2	.1	.4	.3	.1	.5	.2	.5	19.2	2.9
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3
.4	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.9
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.2	3.5
5.7	4.0	4.9	1.2	.2	.9	.6	.2	.6	.3	1.7	59.7	

13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	TOTAL	MAX.1H
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.6
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	.4
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6
5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23.4	15.9

5.9	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	25.6	
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13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	TOTAL	MAX.1H
.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	.3
.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1
.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	36.3	7.6
.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.9	.9
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.1
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9
.2	.7	.0	.4	.0	.0	.1	.1	.2	.2	.1	39.8	



PRECIPITACION (MM)

AGOSTO 1979

PRECIPITACION (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
3	.0	1.3	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	1.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

SEPTIEMBRE 1979

PRECIPITACION (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
8	.0	.7	.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	1.2	.0	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	1.2	.0	.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0

OTUBRE 1979

PRECIPITACION (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
3	.0	.0	.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.1	.0	.0	.0	1.2	.1	1.6	.1
6	.3	1.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	1.1	1.1	.2	.2	.1	.3	.1	12.4	1.4	.1	.0	3.0	1.7
9	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	6.3	1.5	.0
10	.0	.3	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	2.4	4.7	.1	.0	.0	.7	.0	.0
12	.3	.0	.0	.0	.9	.1	1.0	.1	3.5	7.2	.2	.0	.0
13	.0	.0	.0	.0	.0	.6	.0	.0	.0	.2	.2	.5	1.8
14	.0	3.1	.3	.2	.4	.1	.0	.3	.0	1.6	1.5	.1	.2
15	.1	.3	.0	.1	2.9	1.3	3.2	4.8	6.7	14.7	7.9	4.6	3.2
20	.0	.0	.0	.0	.0	.8	.0	.2	1.2	.5	.2	1.3	.1
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.5	.5	3.0	6.6	4.2	.4	1.0	.2	.1	.0	1.5	.6	.6
26	.2	.1	.2	.2	2.1	.4	.2	.5	.9	.1	1.5	.8	.5
TOTAL	2.5	6.5	4.6	7.5	10.9	6.6	10.2	18.6	13.8	25.6	20.1	14.0	8.5



13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	TOTAL	MAX.1H
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.3
.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.6	.6
.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	1.9	.6

13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	TOTAL	MAX.1H
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.2	.5	.3
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.2
.0	.1	.0	.0	.0	.0	.0	.0	.3	.0	.2	2.0	.2

13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	TOTAL	MAX.1H
.0	.1	1.2	5.9	1.6	.8	.4	12.0	3.3	1.3	1.7	28.3	14.3
1.1	1.1	1.7	.7	.0	.0	.3	2.1	.6	3.1	.1	13.9	3.6
5.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	5.4
.0	.0	.0	.0	.0	.1	.0	.1	.2	.6	2.6	3.6	3.2
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.7	12.4
.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	8.1	7.6
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.3
.0	.8	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	10.8	5.9
3.3	6.3	1.4	2.0	5.8	.2	.1	.8	2.0	.0	.7	35.9	8.2
1.7	.1	5.9	.2	.3	.0	.0	.0	.4	.7	1.4	14.0	6.1
1.1	2.2	.0	.0	.0	.0	1.6	3.5	4.4	8.1	4.2	33.0	8.4
10.9	2.4	.3	.1	2.3	2.3	2.0	.9	.3	.0	.0	71.3	17.3
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	1.4
.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2
.0	.2	.0	.0	.0	.7	.0	.3	.4	.7	.0	21.5	8.4
.9	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	9.0	2.1
24.6	13.6	11.6	10.4	10.0	4.1	4.4	19.7	11.6	14.5	10.9	284.8	



NOVEMBER 1979

PRECIPITACION (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
8	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.6
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	8.0	.6	.0	4.2	.9	.0	.0	.0	.0	.0	.0	.0	.0
14	.1	.0	.0	.2	.0	.2	.1	.0	.5	.9	.8	3.7	.8
15	.6	.1	1.4	.0	1.4	3.2	2.4	.8	.2	.5	.0	.0	.5
16	.8	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
17	.0	.5	.5	.6	.4	.2	.3	.3	.2	.1	.2	.2	.6
18	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	9.6	1.3	2.0	5.1	2.8	3.6	2.8	1.2	1.2	1.7	1.1	3.9	2.5

NOVEMBER 1979

PRECIPITACION (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

DEZEMBRO 1979

PRECIPITACION (MM)

DIA	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	1.4	1.0	.6	2.5	.1	.1
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.1	2.3	.1	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.6	1.0	.4	.3	.7	.1	.0
12	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.6	.5
13	.0	.8	.3	.1	.0	.0	.0	.1	.0	.0	.0	.2	.6
15	.0	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.4	1.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
23	1.7	.2	.0	.2	.1	.1	.0	.2	.1	.8	.0	.0	.5
24	7.3	.1	1.2	9.4	12.4	.5	2.5	6.2	3.5	3.2	.7	.2	.0
25	1.1	4.0	2.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	3.2	1.0	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0
31	.7	.0	.1	.0	.0	.0	.0	.0	.5	.1	.1	.2	.2
TOTAL	14.0	6.1	4.2	9.8	12.5	.7	3.6	12.2	5.8	5.0	4.1	1.8	3.1



13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	TOTAL	MAX.1H
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.6
.0	.0	.0	.4	.7	.0	1.2	3.9	2.8	3.2	3.0	15.2	3.9
.0	1.0	1.2	1.2	.1	.0	.0	.8	.2	.5	3.2	21.9	8.0
.0	.0	1.2	.1	.0	.0	.0	.0	1.0	.6	.0	10.2	3.7
.3	.0	.8	.0	.3	.3	.9	.0	.7	.7	.0	15.1	3.2
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.3	.8
.4	.3	.4	.2	.2	.1	.9	.8	.4	.6	.2	8.6	.9
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1
.8	1.3	3.6	1.9	1.3	.4	3.0	5.5	5.1	5.6	6.6	73.9	

## QUADROS COMPLEMENTARES

13-14H	14-15H	15-16H	16-17H	17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	TOTAL	MAX.1H
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	2.5
.2	.3	.1	1.6	.8	.0	.2	.0	.0	.0	.0	3.2	1.6
.0	.1	.6	.1	.0	.0	.2	.0	.0	.0	.0	3.5	2.3
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	.7
.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.6
.7	3.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	7.9	3.7
.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.5	1.1
.5	.2	.4	.7	1.4	.3	.3	.0	.1	.0	.2	4.2	1.4
1.9	3.1	.6	.3	.2	.3	.6	.9	.5	.1	3.1	15.5	3.1
.2	.1	.0	.0	.2	1.8	2.2	9.7	1.4	.0	.7	64.1	12.4
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	4.0
.0	.0	.0	.0	.0	.0	.5	1.0	.4	1.1	1.7	4.7	1.7
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	3.2
.0	.0	.0	.0	2.3	1.1	.3	.8	.1	.2	.6	5.8	2.3
.2	.1	.0	.5	.1	.0	.0	.0	.2	.3	.0	3.3	.7
3.8	9.0	1.9	4.6	5.0	3.5	4.3	12.4	2.7	1.7	6.3	138.1	







# QUADROS COMPLEMENTARES

Item	Descrição	Quantidade	Valor Unitário	Valor Total	Observações
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	...	...	...	...	...
32	...	...	...	...	...
33	...	...	...	...	...
34	...	...	...	...	...
35	...	...	...	...	...
36	...	...	...	...	...
37	...	...	...	...	...
38	...	...	...	...	...
39	...	...	...	...	...
40	...	...	...	...	...
41	...	...	...	...	...
42	...	...	...	...	...
43	...	...	...	...	...
44	...	...	...	...	...
45	...	...	...	...	...
46	...	...	...	...	...
47	...	...	...	...	...
48	...	...	...	...	...
49	...	...	...	...	...
50	...	...	...	...	...



JANEIRO 1979

QUADRO COMPLEMENTAR

DIA	TEMPERATURA (°C)					VENTO	TINA		PREC. 9H-9H	EVAP. (9H-9H)		VISIBILIDADE		
	MIN	0.1M	0.2M	0.5M	1.0M		MAX.	MIN.		PICHE	TINA	9H	12H	15H
1	8.6	12.0	12.0	13.1	13.4	63.5	17.4	10.4	2.4	1.1	.8	8	8	8
2	2.1	10.6	10.8	12.7	13.2	64.7	11.6	8.0	10.5	.4	.4	3	7	8
3	8.6	11.5	11.3	12.5	13.1	66.7	14.7	8.2	.1	1.3	1.6	8	8	8
4	3.9	10.6	10.9	12.3	13.1	77.9	13.0	8.4	33.6	.5	.4	7	7	7
5	-.2	9.4	9.8	12.0	13.0	39.5	14.0	6.4	4.0	.7	1.6	8	7	8
6	-1.1	8.0	8.0	11.4	12.7	73.2	13.0	3.4	.0	1.4	.3	8	7	8
7	5.5	8.7	8.8	11.0	12.4	238.6	12.0	4.2	.1	3.8	1.2	8	8	8
8	1.6	8.8	9.0	10.8	12.5	218.2	13.6	6.9	.0	2.6	1.9	8	7	7
9	2.7	9.0	9.2	11.1	12.1	13.1	15.6	7.0	.0	.9	.7	8	8	7
10	-1.4	8.0	8.4	10.9	12.0	37.5	13.0	5.2	.0	.7	.5	8	8	8
11	5.0	10.3	10.1	10.9	11.9	70.0	10.3	5.5	15.4	.3	.2	8	7	7
12	6.7	10.8	10.6	11.4	11.9	61.9	12.2	10.2	7.6	.3	.4	7	8	7
13	1.3	9.6	9.8	11.5	12.2	36.8	15.9	6.9	1.5	.1	.2	1	7	8
14	.7	8.3	8.9	11.2	12.1	46.4	15.3	5.3	.0	.7	.5	8	8	8
15	2.5	9.4	9.4	11.1	12.0	172.4	16.2	5.4	.0	4.6	2.9	8	8	8
16	1.6	9.8	10.0	11.4	12.1	107.9	15.2	8.0	.0	2.9	.8	7	7	8
17	1.7	8.6	9.1	11.2	12.1	55.0	16.5	5.6	.0	2.1	1.6	8	7	7
18	5.5	10.0	9.8	11.2	12.0	156.8	13.3	5.8	2.8	2.0	.6	8	8	8
19	2.3	11.5	11.2	11.8	12.1	84.7	15.7	9.0	23.0	1.6	1.1	8	7	8
20	1.8	8.6	8.8	11.3	12.2	62.2	12.0	5.0	2.4	1.1	1.0	8	7	8
21	2.7	8.9	9.0	11.0	12.0	130.7	13.8	5.5	.3	2.2	2.0	7	8	8
22	2.4	10.3	10.1	11.1	11.8	232.0	11.3	7.3	9.8	2.7	3.2	8	7	7
23	1.1	9.0	9.2	11.2	11.9	30.4	13.0	6.5	.1	.5	1.1	8	8	8
24	5.8	9.5	9.6	11.1	11.9	132.0	15.2	8.0	.0	3.1	1.1	8	8	8
25	4.6	9.8	9.6	11.0	11.9	213.3	11.0	8.4	.1	3.9	2.0	8	8	8
26	8.9	11.0	10.8	11.3	11.9	72.1	14.1	9.0	8.1	.6	.4	7	7	8
27	6.3	11.5	11.2	11.7	11.9	80.5	13.8	10.9	15.3	.8	.6	8	7	8
28	-1.5	9.0	9.4	11.6	12.2	63.4	15.0	4.0	.5	.8	1.1	8	8	8
29	3.2	8.5	8.6	11.0	11.9	44.9	12.3	9.4	10.9	1.1	1.6	7	7	8
30	1.4	8.6	8.8	10.7	11.8	29.0	12.8	6.0	7.8	.4	.5	7	8	8
31	-.2	7.6	8.2	10.6	11.7	34.6	14.2	4.0	.0	.6	1.2	8	8	8
MEDIAS GJ TOTAIS														
1A-DEC	3.0	9.7	9.9	11.6	12.7	89.3	13.8	6.8	50.7	13.4	9.6			
2A-DEC	2.9	9.7	9.8	11.3	12.1	85.4	14.3	6.7	52.7	15.7	9.3			
3A-DEC	3.2	9.4	9.6	11.1	11.9	96.7	13.3	7.2	52.9	16.7	14.8			
MES	3.0	9.6	9.7	11.4	12.2	90.7	13.8	6.9	156.3	45.8	33.7			

NOTA: -9.9 SIGNIFICA "FALHA"



OBSERVACIONES CLIMATOLÓGICAS

9H		15H		21H		METEOROS
N	C	N	C	N	C	
2	10 CU,AC,AS	10	ST, CU, SC, AC, AS	10	ST, AS	AG/4, CH/8, CV/2
1	3 AC, CI	8	CU, SC, AC, CI	8	CU, SC	NB/1, NV/1, OR/1
1	10 CU, SC, CS	10	ST, AS	10	CU, AC, AS	CV/1, CH/8, AG/3
2	6 CU, CB, SC, AC	7	CU, CB, CI	9	CU, SC, AC	AG/1, NB/1, OR/2
1	3 ST, AC	4	CU	0	=	NB/5, OR/3
0	0 =			0	=	=
1	9 CU, SC, AC	9	CU, AC, AS, CI	2	AC	AG/0
0	4 AC, CI	6	CU, CI	0	=	NB/1, BR/2, OR/3
0	9 ST, AC	9	CU, SC	3	SC	NB/9
0	10 CU, SC, AC, AS	10	ST, AS	10	ST, AS	CH/8, NB/1, CV/6
2	10 ST, SC	10	ST, SC, AC, AS	10	ST, SC	CH/0, AG/4, NB/3, CV/6
1	10 ST	10	ST, CU, SC	9	CU, SC	CV/7, NB/8
1	0 =	5	CU	0	=	NV/4, NB/6
0	0 =	0	=	0	=	NB/0
0	10 CU, AC, CI, CS	4	CU, AC	0	AC	=
0	0 =	1	CI	0	=	NB/1
0	6 CU, AC	4	CU, AC, CI	10	SC, AS	NB/5, CH/3
1	8 CU, SC, AC, CI	9	CU, SC, AC, AS, CI	9	CU, SC, AC, AS	AG/4
2	10 ST, SC	9	CU, SC	0	=	AG/0, CH/4
0	4 AC, CI	5	CU, CI	9	CU, SC, AC	OR/0, AG/0, NB/1
2	10 CU, SC, AC	10	SC, AS	10	SC	CH/1
2	10 ST, AS	10	CU, SC, AC, AS	9	CS	CH/4, NB/2, OR/3
0	9 CU, AC, CI	9	CU, CI	10	CU, AS	OR/4, NB/1
0	10 AS	10	SC, AC, AS	5	SC	CV/2
0	10 CU, SC	9	CU, SC	1	CU	AG/6
2	10 ST, CU, AC, AS	10	CU, SC, AC	10	SC	AG/1, CH/8
2	8 ST, CU, CB, AC, CI	9	CU, CB, SC	10	CU, SC, CI	CH/4, AG/1
0	2 CU, SC, CI	9	CU, SC	9	CU, SC, AC	AG/6
2	9 CB, CU, SC, AC, CI	8	CU, CB, AC	8	CU, CB, AC	AG/9
1	7 CU, SC, AC	8	CU, SC, AC, CI	2	CI	AG/1, NB/3, OR/3
1	3 AC	10	AC, CS	10	AC, AS	OR/4, MS/2, CH/3
6		7		5		
6		6		5		
8		9		8		
7		7		6		



FEVEREIRO 1979

QUADRO COMPLEMENTAR

DIA	TEMPERATURA (9H)					VENTO MAX.	TINA MÍN.	PREC. 9H-9H	EVAP. (9H-9H)		VISIBILIDADE			
	RELVA TERRENO NA PROFUND.								PICHE	TINA	9H 12M 15H			
	MIN	0.1M	0.2M	0.5M	1.0M						9H	12M	15H	
1	8.8	9.6	9.4	10.6	11.5	157.0	11.5	5.4	3.6	3.1	1.3	8	8	7
2	12.9	12.0	11.4	11.3	11.6	118.6	14.5	9.5	10.8	.7	.5	7	7	7
3	10.8	12.4	12.1	12.2	11.9	69.2	17.4	12.5	5.5	.8	1.0	4	6	7
4	11.8	12.6	12.0	12.4	12.3	62.6	15.3	12.5	14.9	.0	.0	5	5	6
5	12.0	13.4	13.0	12.9	12.5	90.0	15.0	13.0	32.5	.3	.3	7	6	6
6	12.4	13.7	13.2	13.2	12.7	63.9	15.0	13.9	10.0	.4	.5	5	8	6
7	12.2	13.2	13.0	13.3	12.9	68.7	16.0	12.5	50.2	.2	.2	6	6	7
8	13.2	13.6	13.9	13.5	13.2	109.0	17.0	13.0	1.7	.7	.2	8	5	7
9	8.7	13.4	13.2	13.6	13.5	161.4	14.4	13.0	39.9	.6	.6	8	7	7
10	9.0	12.2	12.2	13.2	13.4	154.6	14.8	10.5	26.7	.6	1.2	6	7	7
11	5.4	11.6	11.7	12.8	13.2	110.7	13.8	9.7	20.4	.9	1.2	7	8	6
12	7.7	11.6	11.6	12.7	13.2	56.5	15.4	9.7	10.5	.6	.6	6	6	6
13	6.2	11.5	11.4	11.4	13.0	118.2	14.0	9.8	13.2	1.0	.5	6	6	6
14	5.5	10.4	10.4	12.2	12.9	135.9	13.0	8.0	7.6	2.0	.7	7	7	8
15	1.0	9.0	9.4	11.5	12.6	173.5	10.5	6.5	31.5	.9	.7	7	7	8
16	-3.5	8.0	8.7	11.2	12.3	83.6	13.3	3.9	.2	2.0	1.7	7	8	8
17	-5.3	6.1	6.1	10.4	12.1	85.8	10.7	.2	.0	2.1	1.7	8	8	6
18	5.4	8.8	8.8	10.5	11.6	85.5	14.0	2.2	1.2	2.3	1.7	8	6	7
19	1.8	9.6	9.4	10.6	11.5	43.9	11.0	7.4	4.3	.3	.2	5	8	8
20	1.8	9.4	9.8	11.3	11.7	26.0	19.4	8.3	.0	3.0	2.4	4	6	8
21	3.9	10.5	10.6	11.6	11.9	31.1	19.0	8.9	.0	1.1	.7	7	6	6
22	2.1	9.0	9.2	11.3	12.1	68.4	12.3	6.0	5.6	.4	.2	8	7	8
23	1.8	8.6	9.1	11.2	11.9	213.8	16.5	5.2	.0	3.9	3.1	7	8	8
24	1.2	8.6	8.8	11.1	11.9	167.9	17.9	9.0	.0	4.5	3.7	8	8	8
25	-1.0	8.0	8.4	11.0	11.9	117.0	17.0	3.4	.0	4.0	3.0	8	8	8
26	-2.4	7.1	7.8	10.6	11.7	156.1	14.4	.5	.0	4.4	2.9	8	8	8
27	-2.8	7.0	7.0	10.4	11.6	85.9	15.2	1.2	.0	2.6	2.4	6	6	7
28	.6	8.9	9.0	10.7	11.6	36.3	17.2	4.3	13.7	1.9	2.5	6	6	8
MEDIAS OU TOTAIS														
1A-DEC	11.2	12.6	12.3	12.6	12.5	105.5	15.1	11.6	195.8	7.4	5.8			
2A-DEC	2.6	9.6	9.7	11.5	12.4	92.0	13.5	6.6	88.9	15.1	11.4			
3A-DEC	.4	8.5	8.8	11.0	11.8	109.6	16.2	4.8	19.3	22.8	18.5			
MES	5.0	10.3	10.4	11.7	12.3	101.8	14.8	7.9	304.0	45.3	35.7			

NOTA: -9.9 SIGNIFICA \*FALHA\*







MAI 1979

QUADRO COMPLEMENTAR

DIA	TEMPERATURA (SH)					VENTO	TINA		PREC. 9H-9H	EVAP. (9H-9H) PICHE	VISIBILIDADE			
	RELVA MIN	TERRENO 0.1M	TERRENO 0.2M	NA PROFUND. 0.5M	1.0M		MAX.	HI.			9M	12M	15H	
1	-2.5	7.4	7.8	10.5	11.6	57.1	13.4	4.0	5.3	.8	1.0	6	8	8
2	-1.8	7.3	8.0	10.3	11.5	70.8	16.0	4.7	.0	1.5	2.2	7	8	8
3	-1.6	7.8	8.2	10.6	11.6	52.2	18.4	5.8	.0	1.9	2.1	8	8	8
4	.1	8.9	9.1	10.9	11.6	88.6	21.1	6.8	.0	1.7	2.1	1	6	7
5	5.8	10.6	10.6	11.4	11.9	44.6	18.6	10.8	.3	1.3	2.2	6	7	7
6	9.0	12.2	12.0	12.2	12.1	29.4	17.6	11.1	.6	.6	.8	5	5	7
7	2.8	11.8	11.8	12.3	12.3	39.9	15.7	11.0	13.4	.3	.4	5	7	6
8	1.8	10.9	11.0	12.3	12.4	38.3	16.7	9.1	.4	.8	1.2	6	6	8
9	1.2	10.6	10.8	12.3	12.5	35.5	19.0	9.0	.0	1.3	1.8	0	7	8
10	1.0	10.3	10.6	12.3	12.6	42.2	19.3	8.3	.0	1.4	2.0	3	7	7
11	2.4	10.6	11.0	12.5	12.7	61.5	20.8	8.9	.0	1.4	2.4	6	6	7
12	.6	10.4	10.8	12.5	12.9	62.3	19.1	8.4	.0	1.4	2.5	1	6	7
13	7.4	12.0	11.8	12.7	13.0	29.7	21.5	9.0	.0	1.4	2.2	7	7	7
14	.0	10.7	11.8	13.0	13.1	53.8	17.1	9.2	6.8	1.3	1.8	7	8	8
15	-1.7	9.4	10.0	12.3	13.2	93.7	14.6	5.1	.6	1.8	2.2	7	6	8
16	5.3	10.0	10.0	11.9	12.7	83.2	14.4	7.2	7.1	1.0	1.2	6	6	6
17	4.6	9.6	9.6	11.7	12.6	72.6	14.0	9.0	14.7	.7	1.1	6	7	7
18	2.0	9.2	9.4	11.3	12.4	82.0	11.6	5.8	8.7	.7	1.0	7	7	7
19	1.8	8.4	8.8	11.0	12.1	59.1	13.3	5.3	12.2	.5	1.0	8	6	8
20	2.4	8.7	9.1	11.0	12.0	68.8	14.0	6.2	9.6	.6	.5	6	6	7
21	2.5	8.8	9.0	11.1	11.9	64.4	15.6	6.4	8.3	.9	1.1	7	8	8
22	4.7	9.6	9.6	11.2	11.8	88.3	15.5	7.4	1.3	1.4	1.5	7	7	7
23	8.4	10.8	10.4	11.3	11.8	181.1	13.8	8.6	1.1	1.8	1.1	7	7	8
24	12.8	12.8	12.4	12.2	12.1	77.3	17.4	11.4	3.6	.7	.3	7	7	6
25	11.5	12.8	12.4	12.7	12.4	179.7	15.9	12.3	27.9	1.0	1.1	6	8	8
26	1.0	13.0	12.8	13.2	12.7	55.1	22.0	12.0	8.4	1.5	2.6	7	7	7
27	.7	11.1	11.3	13.2	13.1	55.3	16.0	7.9	.7	1.5	1.7	7	7	6
28	6.0	11.3	11.4	12.6	13.0	96.5	13.5	9.0	5.5	.7	.4	7	7	8
29	-1.0	10.0	10.4	11.4	13.0	77.4	17.3	6.6	.7	2.7	2.2	6	8	8
30	-2.1	9.6	10.2	12.3	12.9	83.5	18.4	6.6	.0	1.7	3.3	7	7	8
31	-2.0	9.4	9.6	12.1	12.9	123.1	18.0	5.0	.0	2.5	3.4	8	7	8
MEDIAS G. TOTAIS														
1A+DEC	1.6	9.8	10.0	11.5	12.0	49.9	17.6	8.1	20.0	11.6	15.8			
2A+DEC	2.5	9.9	10.2	12.0	12.7	66.7	16.0	7.4	59.7	10.8	15.9			
3A+DEC	3.9	10.8	10.9	12.1	12.5	98.3	16.7	8.5	57.5	16.4	18.7			
MES	2.7	10.2	10.4	11.9	12.4	72.5	16.8	8.0	137.2	38.8	50.4			

NOTA: -9.9 SIGNIFICA "FALHA"



OBSERVACOES CLIMATOLOGICAS

E.S.		9H		15H		21H		METEOROS
N	C	N	C	N	C	N	C	
1	7	SC,AC		5	CU	3	CI	NB,11OR/3
0	1	ST		1	CU	0	=	OR,01GE/0
0	0	=		5	CI	5	SC	OR,01NB/3
0	10	ST		6	CU,SC,AC,CI	10	CS	NV,11OR,01NB,MJML/3
1	10	ST		9	CU,SC	10	ST,CU,SC	CV/8
2	10	ST		10	CU,SC,CB	10	ST,CU,AS	CV,41CH,JIAG/6
2	10	ST		9	CU,SC,AC	9	SC,AC	NV,01CV,11AG,11NB/L
1	9	SC		7	CU,SC,CB,AC	5	CU	NB/J
0	10	ST		5	CU,CI	0	=	NB,01NV,11OR/3
0	3	ST,CI		8	CU,SC	10	CU,SC	NV,41NB,41OR,K1BR/2
0	2	ST,CI		4	SC	0	=	NV,11NB,11OR,K1BR/1
0	10	ST		1	CI	4	ST	NV,41NB,JIOR,21OR/0
0	9	CU,SC		10	CU,SC	10	CU,SC	AG,31NB/0
2	10	ST,CU,AS		8	CU,SC,CI	8	CU,CB,AC	AG,M1OR,01AR/2
1	5	CU,CB,AC		7	CU,SC,AC	3	CU,AC	AG,91GR/1
2	9	ST,CU,CB,AC		10	CU,CB	9	CU,SC	AG,K1CH/5
1	10	ST,AS		10	ST,AS	5	CU,AC	AG,91CH,11TR,21AR/3
2	9	CU,SC,CB		8	CU,CB,SC,CI	8	CU,SC	AG,91TR,11OR,11AR/3
2	8	CU,CB,AC,CI		8	CU,CB,CI	7	CU,SC,AC,CI	AG,91AR/1
2	5	ST,CU,CB,AC		8	CU,CB,AC,CI	7	CU,SC	
1	5	CU,CB,AC		9	CU,CB,SC,AC,CI	1	CU	AG/9
1	9	CU,SC,AC,CI		10	CU,SC,AC,AS	10	CU,AC,AS	AG,L1CH/3
1	9	CU,SC,AC		10	SC,AC,AS	10	ST,SC,AS	CH,K1CV,01AG,11NB/3
0	10	CU,SC,AC,AS		10	ST,AS	10	ST,AS	CV,41CH/6
2	9	CU,SC		8	CU,CB	10	CU,CB	CV,01CH,01AG,JNB/3
1	10	CU,SC,CB,AC		8	CU,CB,AC	0	=	CH,01AG/1
1	5	CU,SC		10	CU,SC,CB	10	CU,SC	AG/9
1	10	ST,CU,SC		6	CU,SC	5	CU,SC,AC	AG/9
1	5	CU,SC,AC		8	CU,SC	8	CU	AG,01NB/1
1	1	CU,AC		7	CU	1	CU	BR,11NB/3
0	0	=		8	CU,SC	0	=	GE,01BR,11NB/3

7	7	6
8	7	6
7	9	6
7	8	6



ABRIL 1979

QUADRO COMPLEMENTAR

DIA	TEMPERATURA (9H)					TINA		PREC. 9H-9H	EVAP. (9H-9H)		VISIBILID.			
	RELVA MIN	TERRENO 0.1M	NA 0.2M	PROFUND. 0.5M	1.0M	VENTO MAX.	MIN.		PICHE	TINA	9M	12M	15M	
1	-0.8	10.0	10.0	12.3	12.9	73.0	18.9	6.6	.0	2.4	2.6	7	8	8
2	1.9	11.2	11.4	12.7	13.1	66.2	19.5	8.8	.1	2.0	3.0	6	7	8
3	4.6	11.6	11.6	12.7	13.2	62.0	17.3	10.0	2.0	1.1	1.1	7	7	7
4	2.9	11.5	11.4	12.7	13.0	68.5	15.5	9.9	11.1	1.2	1.2	5	8	6
5	1.0	10.2	10.4	12.5	13.0	46.4	16.0	6.8	10.0	.6	.4	7	8	8
6	.0	10.7	11.1	12.7	13.1	60.0	20.5	8.3	.0	1.9	3.2	6	7	8
7	1.0	10.4	11.0	12.8	13.2	45.3	19.8	7.6	.0	1.8	2.6	8	8	8
8	8.6	13.2	13.2	13.6	13.5	59.5	24.3	9.7	9.7	2.9	4.4	5	6	6
9	8.3	13.4	13.1	13.6	13.6	144.6	15.8	12.4	19.8	2.4	2.3	7	8	8
10	5.6	11.8	11.8	13.4	13.6	174.4	19.0	8.4	9.9	1.9	1.9	6	6	7
11	3.6	10.8	11.0	12.8	13.4	82.2	14.5	7.6	15.4	1.0	1.5	8	8	8
12	7.0	11.6	11.8	13.0	13.3	104.3	18.8	8.5	2.4	1.4	1.7	7	8	6
13	2.9	12.0	12.2	13.3	13.4	169.5	21.3	9.5	5.2	2.8	3.4	7	6	7
14	2.2	10.7	10.9	12.8	13.4	71.0	21.1	7.5	4.9	.4	.6	6	8	8
15	4.6	10.6	10.8	12.7	13.3	74.8	19.4	7.6	.9	2.1	2.5	8	8	8
16	1.9	11.6	11.6	13.2	13.4	72.1	22.0	9.0	.0	2.3	3.4	8	8	8
17	5.2	13.4	13.4	14.0	13.6	61.4	24.3	12.0	.0	2.1	4.0	4	6	7
18	5.6	14.2	14.2	14.8	14.3	75.4	22.4	12.2	.0	3.1	4.5	8	8	8
19	4.3	14.1	14.4	15.4	14.9	149.9	24.5	9.5	.0	6.3	6.6	6	7	8
20	2.2	14.2	14.4	15.6	15.4	76.3	24.2	10.2	.0	3.6	5.1	6	7	6
21	6.0	15.5	15.4	16.0	15.7	58.1	24.2	13.1	.0	3.1	3.5	3	5	8
22	4.0	15.6	15.7	16.5	16.1	71.0	25.0	12.0	.0	1.9	2.7	4	6	8
23	3.4	15.2	15.4	16.5	16.3	74.8	24.3	11.0	.0	2.0	3.6	7	7	7
24	6.9	14.7	14.8	16.0	16.3	77.6	18.0	10.7	2.5	1.5	1.9	6	6	8
25	1.9	13.6	13.8	15.5	16.0	74.3	19.0	9.4	.6	1.8	1.7	7	8	8
26	4.0	13.5	13.7	15.5	15.9	106.9	21.1	8.3	.0	2.5	3.3	8	8	8
27	2.0	14.0	14.2	15.7	16.0	151.3	23.4	7.6	.0	4.2	5.4	8	8	8
28	3.8	14.6	14.8	16.2	16.2	157.9	23.5	8.0	.0	5.9	8.3	8	8	8
29	2.2	15.2	15.5	16.6	16.5	69.8	23.6	11.2	.0	3.7	5.0	4	7	8
30	4.4	15.8	16.0	17.0	16.9	61.2	25.0	11.2	.0	2.8	4.7	8	8	8
MEDIAS OU TOTAIS														
1A-DEC	3.3	11.4	11.6	12.9	13.2	80.0	18.7	8.8	62.6	18.2	22.7			
2A-DEC	3.4	12.3	12.5	13.8	13.8	93.7	21.3	9.4	28.8	25.1	33.3			
3A-DEC	3.9	14.8	14.9	16.1	16.2	90.3	22.7	10.2	3.1	29.4	40.1			
MES	3.5	12.8	13.0	14.3	14.4	88.0	20.9	9.5	94.5	72.7	96.1			

NOTA: -9.9 SIGNIFICA \*FALHA\*



OBSERVACIONES CLIMATOLÓGICAS

E.S.	9H	15H	21H	METEOROS
9H	C	C	C	
0	1 SC	8 CU	3 SC	NB/4DR/3
1	10 CU, SC, AC	8 CB, SC	8 CU, SC	NB/0JAG/8
1	9 CU, SC, CB, CI	10 CU, SC, CB	9 CU, SC	AG/7
2	10 ST, CU, CB, SC	10 CU, SC	10 CU, SC	AG/7ICH/3
U	9 AC, CI	4 CU	6 CU, CI	NV/1
1	8 CI	10 CI, CS	4 AC	NB/7JMS/2JDR/3
0	7 AC, CI	10 AC, CI, CS	9 CI, CS	DR/0JHL/3
2	10 ST, AS	10 CU, ST, AS	9 CU, SC	CH/5JAG/3
2	6 CU, SC, CB, AC	9 CU, SC, CB	5 CU	TR/2JAG/8
2	9 CU, CB, CI	9 CU, CB	9 CU, CB, AC, CI	TR/9JGR/6JAG/KJGH/1
1	6 CU, SC, CB, AC	8 CU, CB, SC	8 CU, CB, SC, AC	AG/9
0	9 CU, SC, CI	9 CU, SC, CB, AC, CI, CS	9 CU, SC, CB, AC	AG/L
2	10 CU, CB, AC, AS	10 CU, SC, AC, AS	4 CU	AG/9
1	8 CU, CB, SC, AC	6 CU, SC, CB	3 CU	GR/1JAG/7JDR/3
U	1 AC	5 CU	U =	DR/K
U	U =	1 CU	U =	DR/K
0	7 ST	3 CU, CI	U =	NV/4NB/8JDR/6
0	0 =	1 CU	U =	NB/0
U	U =	2 CI	1 CI	NB/JJBR/2JDR/3
0	10 CS	10 CI, CS	0 =	NB/MJHL/1JBR/2
U	10 ST	1 CI	10 ST	NV/1NB/1
0	10 ST	8 CU, CI	1 AC	NB/9
0	10 SC	9 CU, SC, AS	10 ST, SC	NB/MJCH/3
1	6 CU, CB, SC, AC	9 CU, SC	9 CU, SC	AG/8JAR/3NB/3
0	10 CU, SC, AC, CI	6 CU	0 =	NV/1NB/4
U	1 CU	1 CU	U =	DR/3NB/0
0	U =	U =	U =	=
0	4 CI	U =	3 CU, AC, CI	=
0	9 ST, CI	6 CU, CI	1 CU	DR/3JBR/2NB/4
0	4 CI	1 CU	0 =	DR/0JNB/3
8		9	7	
5		6	3	
6		4	3	
6		6	4	



MAIO 1979

QUADRO COMPLEMENTAR

DIA	TEMPERATURA (9H)					TINA			PREC. 9H-9H	EVAP. (9H-9H)		VISIBILID.		
	RELVA TERRENO NA PROFUND.					VENTO MAX.	MIN.	PICHE		TINA	9H	12H	15H	
	MIN	0.1M	0.2M	0.5M	1.0M									
1	7.4	17.1	16.9	17.5	17.1	54.3	26.1	13.4	.0	3.2	5.5	6	7	8
2	3.0	17.9	17.2	17.0	17.4	100.6	25.5	11.5	.0	2.4	5.1	8	8	8
3	1.2	16.0	16.4	17.8	17.6	81.9	24.6	9.1	.0	2.8	4.9	5	7	8
4	.6	15.7	16.2	17.8	17.7	64.9	24.0	9.2	.0	2.5	5.0	8	8	8
5	3.0	16.2	16.4	18.0	17.9	69.0	26.0	11.2	.0	3.6	5.9	8	8	8
6	6.2	17.6	17.6	18.3	18.0	49.5	26.6	13.5	.0	3.4	5.3	7	7	7
7	6.4	17.4	17.6	18.5	18.4	47.0	26.5	12.5	.0	2.4	4.7	7	8	7
8	4.2	17.3	17.4	18.4	18.3	49.2	22.9	12.2	.0	2.3	3.9	6	6	7
9	2.4	16.6	16.8	18.4	18.3	49.8	26.5	13.6	.0	2.5	4.6	6	7	8
10	6.7	17.2	17.2	18.6	18.4	59.0	23.4	13.5	.0	2.7	4.9	5	6	7
11	9.4	18.8	18.6	19.3	18.6	53.0	28.7	10.0	.0	4.5	5.1	8	8	8
12	11.4	20.2	21.0	20.2	19.2	46.9	31.5	16.5	.0	6.8	7.2	8	8	8
13	11.7	21.2	21.0	21.0	20.2	35.1	32.0	22.5	.0	7.4	6.8	7	7	6
14	12.2	22.0	21.8	21.7	20.6	50.5	32.4	16.8	.0	9.1	7.9	7	7	8
15	9.1	21.4	21.4	22.1	21.7	28.7	33.2	16.8	.0	6.1	6.6	6	6	7
16	7.7	20.6	21.0	22.0	21.5	79.6	.0	14.4	.0	2.7	3.0	6	6	7
17	4.0	19.0	19.6	21.0	21.4	57.9	22.0	12.5	.1	1.8	2.8	6	7	8
18	2.0	17.1	17.6	19.8	20.6	67.3	19.6	8.8	.1	2.6	2.5	7	8	7
19	3.8	15.1	15.8	16.7	20.0	54.0	20.0	8.3	8.9	1.3	1.7	8	7	7
20	6.1	15.0	15.0	17.6	19.1	38.1	24.4	10.0	3.4	.5	.6	8	8	8
21	9.2	16.0	16.2	17.7	18.6	92.3	21.6	12.0	.1	2.5	3.5	7	6	5
22	9.1	16.0	15.8	17.4	17.3	46.1	17.2	12.8	2.7	.4	.4	7	7	8
23	3.2	16.8	16.8	18.0	18.2	59.3	25.4	14.2	.2	2.8	4.3	6	5	7
24	1.7	14.1	14.6	17.1	18.0	47.5	18.0	8.7	4.3	.6	1.1	8	8	8
25	8.8	15.6	15.4	17.0	17.7	40.3	20.0	12.0	.0	1.8	2.2	8	8	7
26	11.7	16.4	16.3	17.3	17.6	49.3	20.2	14.3	4.4	1.2	1.2	5	7	6
27	10.0	16.0	16.0	17.2	17.5	71.6	20.0	14.0	13.0	.6	.8	6	5	5
28	12.9	16.6	16.2	16.9	17.4	62.0	26.8	14.4	8.9	.5	.7	7	8	7
29	13.2	17.3	17.2	17.7	17.5	73.7	24.1	16.2	.1	1.6	1.7	6	7	7
30	6.0	16.4	16.2	17.6	17.6	74.6	22.0	13.4	13.5	1.2	1.4	8	8	8
31	3.8	15.4	15.6	17.5	17.7	49.3	23.5	12.0	.0	1.7	3.4	8	8	8
MEDIAS OU TOTAIS														
1A-DEC	4.1	16.9	17.0	18.0	17.9	62.5	25.2	12.0	.0	27.8	49.8			
2A-DEC	7.7	19.0	19.3	20.3	20.3	51.1	24.4	13.7	12.5	42.8	44.2			
3A-DEC	8.1	16.1	16.0	17.4	17.7	60.5	21.7	13.1	47.2	14.9	20.7			
MES	6.7	17.3	17.4	18.6	18.6	58.1	23.7	12.9	59.7	85.5	114.7			

NOTA: =9.9 SIGNIFICA "FALHA"

NOTA: =9.9 SIGNIFICA "FALHA"



OBSERVAÇÕES CLIMATOLÓGICAS

E.S. 9H 15H 21H METEOROS

E.S.	9H	15H	21H	METEOROS
0	10 ST	0	9 CU, SC	NB/00=12
0	5 CU, CI	4	0	NB
0	5 ST, CI	9	0	NB, BR, HS
0	0	2	0	NB, OR
0	7 CI	7	0	OR, BR
0	10 ST	8	3	NB, HS
0	9 CU, SC	9	10	SC, AS
0	10 CU, SC	1	1	AC
0	1 CI	1	0	NB, OR
0	3 ST	0	0	NB, NV, BR
0	1 CI	1	0	
0	0	0	0	
0	0	2	0	BR
0	0	0	0	NB
0	0	0	10	ST
0	10 ST	10	4	SC
1	10 ST, AS	10	1	CU, SC
0	8 CU, SC, AC	10	4	CU, CB
1	9 CU, CB, AC, CI	10	9	CU, SC
0	9 CU, SC, AC, AS	9	9	SC
1	10 CU, SC	10	4	CU, AC
0	9 CU, SC	4	7	SC, AC
0	10 ST, CU, SC	10	2	CU
1	9 CU, AC, CI	10	10	SC
0	10 CU, SC, AS	10	10	SC
2	10 ST	10	10	ST, CU
2	10 ST, SC	10	10	ST
1	9 CU, SC, AC, AS	10	9	SC
1	10 ST, CU, SC	10	7	CU, SC
1	7 CU	7	4	SC
0	2 CU	6	0	

6	4	2	330-41
5	5	4	330-45
9	5	4	330-46
7	6	4	



JUNHO 1979

QUADRO COMPLEMENTAR

CORRETO DIA	TEMPERATURA (°C)					TINA			PREC. 9H-9H	EVAP. (9H-9H)		VISIBILIDADE		
	RELVA MIN	TERRENO 0.1M	0.2M	0.5M	1.0M	VENTO MAX.	MIN.	PICHE		TINA	9H	12H	15H	
1	4.2	15.8	16.2	17.6	17.9	67.9	26.0	12.0	.0	2.7	5.3	8	8	7
2	6.7	17.6	17.6	18.6	18.2	40.8	28.6	14.4	.0	2.8	5.0	6	6	8
3	11.6	19.5	19.4	19.7	18.8	39.4	31.3	17.0	.0	3.1	5.6	5	6	8
4	10.1	19.6	19.4	20.2	19.5	59.5	29.4	14.8	.0	2.9	5.2	7	7	8
5	9.7	20.1	20.0	20.6	19.9	52.9	28.2	14.9	.0	2.6	5.1	3	7	7
6	9.6	20.4	20.2	21.0	19.9	55.2	29.0	15.0	.0	2.6	5.2	5	7	6
7	11.4	20.6	20.4	21.4	21.0	56.0	29.6	15.3	.0	3.8	6.1	8	8	8
8	10.7	21.7	21.6	22.2	21.4	26.6	31.5	17.0	.0	5.0	6.2	7	6	7
9	13.0	22.4	22.2	22.6	21.9	21.5	31.0	16.5	.0	3.9	4.9	7	7	7
10	11.7	21.6	21.8	22.6	22.2	64.8	28.2	14.4	.0	2.7	5.3	8	7	7
11	8.4	19.4	19.7	21.5	22.0	29.4	19.3	12.4	.0	1.8	1.8	8	8	7
12	12.4	20.5	20.4	21.2	21.5	35.1	23.3	14.4	.4	2.1	2.2	8	8	8
13	9.8	19.9	20.1	21.1	21.4	54.6	27.0	14.8	.1	2.1	3.5	7	8	8
14	8.8	19.6	19.6	21.0	21.4	83.5	26.0	13.0	.6	2.6	4.7	7	8	8
15	6.4	19.5	19.6	21.1	21.1	72.4	24.9	13.2	.0	2.5	4.6	7	8	8
16	10.1	21.2	21.0	21.7	21.4	64.5	29.0	15.4	.0	3.1	5.9	8	8	8
17	13.8	22.2	22.4	22.7	21.8	221.8	31.5	13.5	.0	12.1	12.3	8	8	8
18	10.4	23.1	23.2	23.5	22.5	84.3	31.0	12.4	.0	8.8	8.7	8	8	8
19	9.3	22.6	22.4	23.6	23.0	28.7	32.2	17.0	.0	5.5	8.1	7	7	7
20	12.2	23.1	23.2	23.7	23.4	48.6	31.9	16.3	.0	4.6	6.6	6	6	6
21	13.6	23.0	23.4	23.7	23.6	63.5	29.8	16.0	.0	2.4	5.1	5	5	5
22	14.4	21.8	21.8	22.7	23.4	47.6	22.4	15.2	.0	1.7	2.6	5	5	5
23	13.6	20.4	20.6	21.9	23.0	36.7	22.6	15.2	.1	1.2	2.0	5	5	6
24	11.2	19.6	19.4	21.1	22.5	55.7	22.0	13.8	.1	1.6	2.7	5	7	8
25	10.3	20.6	20.6	21.7	22.3	50.8	28.1	15.6	.0	2.8	4.7	6	7	7
26	12.2	22.0	22.0	22.6	22.7	45.5	31.0	17.0	.0	2.7	5.6	7	7	6
27	12.0	22.6	22.8	23.3	23.2	42.8	32.5	16.3	.0	3.1	6.5	5	5	7
28	11.6	22.1	22.2	23.0	23.4	70.1	27.2	15.4	.0	2.5	3.8	7	8	8
29	15.4	23.4	23.2	23.4	23.5	68.0	31.0	16.0	.9	4.9	4.6	7	8	8
30	13.2	22.5	22.8	23.3	23.6	61.6	26.6	17.9	.0	2.8	4.1	8	8	8
MEDIAS OU TOTAIS														
1A-DEC	9.9	19.9	19.9	20.7	20.1	48.7	29.3	15.1	.0	32.1	53.9			
2A-DEC	10.2	21.1	21.2	22.1	21.9	72.3	27.6	14.2	1.1	45.2	58.4			
3A-DEC	12.7	21.8	21.9	22.7	23.1	54.2	27.3	15.8	1.1	25.7	41.7			
MES	10.9	21.0	21.0	21.8	21.7	58.4	28.1	15.1	2.2	103.0	154.0			

NOTA: -9.9 SIGNIFICA "FALHA"



OBSERVACIONES CLIMATOLÓGICAS

E. S.	9H				15H				21H				METEOROS	
	N	M	CS	CI	N	M	CS	CI	N	M	CS	CI		
0	6	CI	CS		1	CU			4	CI	CS		NB/4INV/1MS/1BR/6	
0	1	CI			5	CU	AC		7	SC	AC	CI	NB/4INV/1	
0	9	ST	AC		4	CU	CI		5	AC	CI		NB/4	
0	5	CU			3	AC			0				NB/4BR/2	
0	9	ST			5	CI			1	CI			BR/0NB/4INV/1BR/2	
0	4	ST							1	CI			NB/4INV/1BR/6	
0	6	CI	CS		5	CI	CS		5	CI			MS/1	
0	6	CI			10	CI	CS		9	AC	CI	CS	BR/0BR/5MS/2	
0	9	CU	SC	AC	CI				9	AS			NB/4BR/2	
0	10	CU	SC		10	SC			6	SC	AC		NB/5	
0	9	AC			10	CU	SC		9	SC			NB/1BR/0AG/2	
0	8	CU	SC	CI	5	CU	SC	AS	5	SC	AC		AG/4	
0	8	CU	SC		6	CU			9	CU	SC	AC	CI	CV/1NB/1
0	8	CU	AC	CI	9	CU	SC	CI	7	CU	CI			BR/0NB/0AG/1
0	2	CI			4	CI	CS		4	AC	CI			BR/0NB/4INV/1MS/2
0	8	CI			1	CI			0					NB/0
0	0				0				2	CI				
0	0				1	CI			2	CI				
0	2	CI			7	CI			7	CI				NB/4BR/2
0	10	ST			0				7	ST				NB/9BR/2
0	10	ST			10	ST			10	ST				NB/9
0	10	ST			10	ST			10	ST				NB/9
0	10	CU	SC		10	CU	SC		10	ST				CV/0NB/9
0	5	CU	CI		5	CI			0					NB/4BR/2
0	2	ST			4	CU	SC	AC	9	AC	CI	CS		BR/0NB/9BR/2INV/1
0	6	ST	AC		8	CI	AC	CI	8	CI				NB/9
0	10	ST			8	CI	CS		8	SC	AC			NB/4INV/1BR/2MS/2
0	0				6	CU	CB		6	SC	CI			NB/1TK/6AG/6
0	10	AC	AS		9	CU	CB	SC	AC	5	SC	CI		KL/0AG/0
0	7	CU	AC	CI	9	CU	AC	CI	7	AC	CI			TK/6AG/2NB/3



JULHO 1979

QUADRO COMPLEMENTAR

DIA	TEMPERATURA (9H)					TINA			PREC. 9H-9H	EVAP. (9H-9H) PICHE	VISIBILIDADE			
	RELVA MIN	TERRENO 0.1M	0.2M	NA PROFUND. 0.5M	1.0M	VENTO MAX.	MIN.	9H-9H			9H	12M	18M	
1	16.4	22.2	22.4	23.1	23.5	21.2	28.0	18.5	23.2	2.0	2.8	4	5	5
2	16.6	20.8	21.2	22.7	23.3	97.6	26.5	14.5	.1	2.5	5.0	8	8	8
3	9.7	21.5	22.0	23.1	23.2	121.7	28.4	14.7	.0	7.0	7.5	8	8	8
4	10.0	22.6	22.6	23.6	23.8	54.5	29.9	16.8	.0	5.4	5.9	7	7	7
5	10.7	23.0	23.1	23.8	23.8	32.9	31.2	16.6	.3	3.8	5.7	8	8	8
6	14.0	24.0	24.0	24.4	24.2	75.2	31.5	18.0	.1	6.7	7.3	8	8	8
7	13.7	24.8	24.6	24.8	24.4	108.8	29.2	18.2	.0	8.8	9.0	8	8	7
8	11.7	24.3	24.4	25.2	24.7	30.6	27.3	16.8	.0	5.5	6.8	7	8	7
9	14.5	24.8	24.8	25.4	25.0	42.5	33.0	19.0	.0	4.0	6.6	5	6	6
10	14.7	24.5	24.9	25.6	25.2	70.6	31.5	17.0	.0	2.5	5.8	6	6	6
11	15.0	22.0	22.4	24.2	24.9	63.1	21.5	16.5	24.5	1.0	1.5	4	4	6
12	10.3	21.4	21.4	22.1	24.2	51.1	22.7	15.5	11.9	1.5	2.2	6	7	8
13	8.6	20.6	20.8	22.8	23.7	68.0	26.3	14.7	.0	3.3	5.0	7	8	8
14	14.4	22.4	22.6	23.4	23.7	103.4	29.7	16.8	.0	2.8	5.9	8	8	8
15	15.8	24.2	24.2	24.4	24.2	120.1	31.5	18.5	.0	6.3	9.5	8	8	8
16	17.9	25.2	25.3	25.3	24.5	72.3	32.1	19.3	.0	7.4	8.5	8	8	8
17	13.3	25.3	25.5	25.8	25.2	28.7	35.0	19.6	.0	5.3	7.4	8	8	8
18	16.7	25.0	25.4	25.8	25.6	40.7	32.2	18.8	.4	2.2	3.7	5	6	6
19	14.4	22.8	23.2	24.5	25.3	31.5	23.0	17.0	1.5	9.0	1.3	4	4	7
20	14.5	22.0	22.2	23.6	24.6	33.2	25.0	16.9	.1	1.2	2.2	4	6	7
21	12.9	23.2	23.4	24.3	24.5	38.8	33.0	19.2	.0	2.1	2.8	6	7	7
22	13.3	24.2	24.4	24.9	24.7	23.6	33.0	18.6	.0	2.2	2.8	7	7	8
23	13.2	24.2	24.4	25.0	25.1	36.6	30.8	18.5	.0	2.3	3.3	5	6	8
24	13.8	23.9	24.1	25.2	25.2	54.7	33.1	17.4	.0	2.4	4.1	8	8	8
25	15.8	24.6	24.8	25.4	25.2	34.2	33.2	19.0	.0	6.7	5.1	7	7	7
26	13.2	23.6	24.0	25.3	25.3	50.3	30.6	14.0	.1	4.2	2.7	5	6	8
27	11.0	23.0	23.6	25.2	25.4	33.8	30.5	15.8	.0	4.8	2.5	3	5	7
28	12.7	23.5	24.1	25.3	25.3	49.6	30.5	16.9	.0	4.9	2.8	2	6	7
29	15.1	23.5	23.8	25.2	25.4	76.3	29.9	15.4	.0	5.8	2.9	7	7	8
30	14.9	24.5	24.8	25.5	25.5	82.3	30.6	22.0	.0	5.6	3.8	7	8	8
31	11.8	23.8	24.2	25.5	25.6	80.9	28.5	16.0	.0	5.8	2.9	8	6	4
MEDIAS OU TOTAIS														
1A-DEC	13.2	23.3	23.4	24.2	24.1	65.6	29.6	17.0	23.7	48.2	62.4			
2A-DEC	14.1	23.1	23.3	24.2	24.6	61.2	27.9	17.4	38.4	40.0	47.2			
3A-DEC	13.4	23.8	24.1	25.2	25.2	51.2	31.2	17.5	.1	46.8	35.7			
ME8	13.6	23.6	23.6	24.5	24.6	59.1	29.7	17.3	62.2	135.0	145.3			

NOTA: =9.9 SIGNIFICA \*FALHA\*



OBSERVAÇÕES CLIMATOLÓGICAS

E.S.	9H			15H			21H			METEOROS
	N	C		N	C		N	C		
0	10	ST		10	CU,CB,SC		10	SC	NV/4)TR/1)NB/9)AG/2	
0	0			0			0		NB/U	
0	0			2	CU		1	CU		
0	0			6	CB,AC,CI		9	SC,AC	TR/6)NB/J)BR/2)OR/0	
0	3	CU		8	CU,SC,CB,AC		8	CU,SC,AC,CI	NB/J)AG/3	
0	8	CI		7	CI		10	AC,CS	NB/U	
0	0			4	CU,AC		2	AC	BR/2)HS/1	
0	0			0			0		BR/8)NB/3	
0	6	ST		0			0		NV/4)NB/M)BR/2	
0	10	AC		10	AC,AS		6	AC	CV/1)NB/9)CH/2)AG/3	
1	10	CU,SC		9	CU,CB,SC		10	ST,CU,SC	TR/4)NV/1)CV/3)AG/1)CH/2	
1	5	ST,CU		4	CU,SC		2	CU,AC	CV/0)NB/4	
0	0			1	CU		0		NV/1)NB/J)OR/0	
0	0			0			0		NB/I	
0	1	SC		3	CU,CB		0		NB/0)BR/6	
0	0			1	CU		0		BR/8	
0	9	ST		0			10	ST	NV/3)NB/8	
1	10	ST		10	ST		10	ST	NV/0)CV/J)NB/6	
1	10	ST		10	ST		9	CI	CV/7)NB/9	
0	10	ST		0			0		NV/4)NB/7)BR/2	
0	0			1	CU		0		NV/4)BR/2	
0	10	ST		7	CU,CI		0		NB/9	
0	0			1	CU		0		NV/4)NB/J)BR/6	
0	8	CI		4	CU,SC		0		NB/U)BR/5	
0	9	CU,CI		1	CU		0		NB/M)BR/2)OR/3	
0	10	ST		0			0		NV/4)CV/1)NB/8	
0	9	ST		0			0		NV/4)NB/M)BR/2	
0	10	ST		0			10	CU	NV/1)NB/M)BR/2	
0	7	CU,SC		1	CU		8	SC	NB/4)BR/2	
0	8	CU		5	CU		9	SC	NB/1	
0	9	SC		10	CU,SC,AS		5	SC	CV/5)CH/2	
4				5			5			
6				4			4			
7				3			3			
6				4			4			



AGOSTO 1979

QUADRO COMPLEMENTAR

DIA	TEMPERATURA (°C)					TINA			PREC. EVAP. (9H-9H)			VISIBILID.		
	RELVA	TERRENO	NA	PROFUND.		VENTO	MAX.	MIN.	9H-9H	PICHE	TINA	9H	12M	15M
1	9.9	22.2	22.4	24.4	25.2	35.5	24.2	14.7	.9	1.5	1.3	6	7	6
2	12.0	22.6	22.6	24.2	24.9	43.8	27.0	17.0	.0	2.3	3.2	6	7	7
3	12.5	23.6	23.5	24.3	24.7	43.6	26.4	20.2	1.3	2.1	2.9	7	8	6
4	10.6	22.4	23.0	24.3	24.9	55.1	30.0	17.0	.0	2.7	5.1	6	6	7
5	9.8	23.4	23.8	24.8	24.8	61.5	31.3	17.5	.0	3.5	6.5	7	7	7
6	8.7	23.2	23.2	24.8	25.0	57.4	30.4	16.5	.0	3.5	5.6	6	7	8
7	12.5	23.7	24.0	25.1	25.2	70.9	30.6	17.8	.0	3.7	5.8	7	8	8
8	11.6	24.0	24.4	25.2	25.4	50.9	30.3	19.5	.6	2.5	5.0	7	7	8
9	9.0	22.8	23.2	24.8	25.5	68.8	32.2	16.1	.0	3.4	5.5	6	7	8
10	12.7	23.8	24.2	25.6	25.4	60.7	30.4	18.0	.0	3.0	5.7	6	8	7
11	13.7	24.7	25.1	25.7	25.6	68.9	32.2	18.6	.0	5.6	6.1	8	8	8
12	13.2	25.4	25.7	26.2	26.0	28.9	34.5	20.0	.0	7.0	7.4	8	6	8
13	19.0	25.2	25.6	26.3	26.2	43.1	34.0	19.2	.0	3.8	5.9	5	5	6
14	13.3	24.6	25.0	26.0	26.4	59.7	30.2	22.0	.0	3.9	5.4	6	7	8
15	9.7	22.6	23.2	25.4	26.1	100.6	29.9	15.1	.0	3.5	5.1	8	8	8
16	6.9	21.2	22.1	24.7	25.7	103.9	32.7	13.3	.0	4.2	6.3	6	8	8
17	10.8	21.4	21.8	23.8	25.2	72.9	28.3	15.5	.0	4.6	5.6	6	7	8
18	10.3	21.8	22.0	24.0	24.9	78.5	29.4	16.2	.0	3.5	5.1	6	6	7
19	11.2	22.2	22.4	24.2	24.7	117.9	29.5	15.0	.0	5.7	6.7	8	8	7
20	11.7	22.5	22.9	24.3	24.8	93.8	27.8	16.2	.0	5.9	5.8	8	8	8
21	11.9	23.2	23.6	24.7	25.0	60.3	31.3	17.0	.0	7.0	7.0	8	6	7
22	9.4	23.2	23.4	25.0	25.3	36.9	31.5	23.0	.0	7.3	7.0	6	6	6
23	9.6	22.9	23.4	24.9	25.3	49.0	29.5	16.3	.0	4.7	4.6	6	6	5
24	7.6	21.7	22.4	24.5	25.2	54.9	26.5	14.1	.0	2.9	3.9	6	6	6
25	7.0	21.6	22.4	24.3	25.1	50.6	29.5	14.6	.0	4.4	5.4	6	6	8
26	8.0	23.2	23.4	24.4	25.0	79.4	28.5	23.4	.0	3.3	4.8	6	7	7
27	8.0	22.0	22.7	25.5	25.1	57.6	30.0	13.0	.0	3.2	5.3	6	6	6
28	8.9	21.0	21.5	24.0	25.0	59.7	30.2	14.4	.0	3.1	4.3	6	7	7
29	9.5	21.8	22.0	23.8	25.0	49.8	28.2	16.2	.0	3.3	4.1	6	6	7
30	7.6	21.4	21.8	23.8	24.9	47.2	28.8	15.0	.0	2.6	4.6	4	6	6
31	12.3	22.0	22.4	23.9	24.8	57.0	29.0	15.8	.0	3.1	3.7	3	6	6

MEDIAS OU TOTAIS

1A+DEC	10.9	23.2	23.4	24.7	25.1	55.1	29.3	17.4	2.8	28.2	46.6			
2A+DEC	11.4	23.2	23.6	25.1	25.6	76.8	30.8	17.1	.0	47.7	59.2			
3A+DEC	9.1	22.2	22.6	24.4	25.1	54.8	29.4	16.6	.0	44.9	54.7			
MES	10.4	22.8	23.2	24.7	25.2	62.0	29.8	17.0	2.8	120.8	160.5			

NOTA: \*9.9 SIGNIFICA "FALHA"

OBSERVACIONES CLIMATOLÓGICAS

E.S.	9H	15H	21H	METEOROS			
0	3 CU/CI	5-0	5-0	10 CU/CI 5-05 5-05	5-05 5 SC 5-05 5-05	5-05	NV/11NB/4
0	10 ST	5-0	5-0	9 CU/CI 5-05 5-05	10 CU/SC 5-05 5-05	5-05	NB/0
1	9 CU/SC	5-0	5-0	7 CU/CI 5-05 5-05	0 5-05 5-05	5-05	BR/4JAG/4
0	0	5-0	5-0	0 5-05 5-05	0 5-05 5-05	5-05	BR/0JNV/11NB/1
0	6 CU/SC	5-0	5-0	0 5-05 5-05	7 SC/AC/CI 5-05 5-05	5-05	BR/2
0	4 CU	5-0	5-0	3 CU/CI 5-05 5-05	9 CI 5-05 5-05	5-05	BR/0JNB/11BR/2
0	4 CU/SC	5-0	5-0	8 CU/CI 5-05 5-05	9 SC 5-05 5-05	5-05	NB/4JAG/3
0	5 CU/AC	5-0	5-0	4 CU/SC 5-05 5-05	1 CI 5-05 5-05	5-05	NB/0
0	0	5-0	5-0	0 5-05 5-05	0 5-05 5-05	5-05	NV/11NB/1
0	0	5-0	5-0	2 CI/CI 5-05 5-05	0 5-05 5-05	5-05	NV/4JNB/11BR/2
0	0	5-0	5-0	0 5-05 5-05	0 5-05 5-05	5-05	00
0	0	5-0	5-0	1 CU/CI 5-05 5-05	0 5-05 5-05	5-05	BR/2JBR/3
0	10 ST	5-0	5-0	3 CI/CI 5-05 5-05	10 ST 5-05 5-05	5-05	NV/4JNB/11BR/2
0	2 ST	5-0	5-0	7 CU/CI 5-05 5-05	9 CU 5-05 5-05	5-05	NB/4
0	1 AC	5-0	5-0	6 CU/AC/CI 5-05 5-05	0 5-05 5-05	5-05	00
0	9 CI	5-0	5-0	2 CI/CI 5-05 5-05	0 5-05 5-05	5-05	BR/0JNB/1
0	8 ST	5-0	5-0	2 CI/CI 5-05 5-05	0 5-05 5-05	5-05	NB/1
0	0	5-0	5-0	0 5-05 5-05	0 5-05 5-05	5-05	BR/1BR/2
0	0	5-0	5-0	0 5-05 5-05	0 5-05 5-05	5-05	00
0	0	5-0	5-0	0 5-05 5-05	0 5-05 5-05	5-05	00
0	10 ST	5-0	5-0	0 5-05 5-05	0 5-05 5-05	5-05	NB/7
0	2 CI	5-0	5-0	1 CI/CI 5-05 5-05	0 5-05 5-05	5-05	BR/0
0	0	5-0	5-0	0 5-05 5-05	10 ST 5-05 5-05	5-05	BR/0JNB/11BR/2
0	7 ST	5-0	5-0	0 5-05 5-05	0 5-05 5-05	5-05	NB/4JBR/2
0	0	5-0	5-0	4 CI/CI 5-05 5-05	0 5-05 5-05	5-05	BR/0JNV/11NB/8
0	1 CU/AC/CI	5-0	5-0	0 5-05 5-05	1 AC 5-05 5-05	5-05	BR/0JNB/4
0	2 CU/AC	5-0	5-0	3 CU/CI 5-05 5-05	0 5-05 5-05	5-05	NB/11BR/2
0	0	5-0	5-0	0 5-05 5-05	0 5-05 5-05	5-05	BR/0JNV/11NB/11BR/2
0	10 ST	5-0	5-0	0 5-05 5-05	10 ST 5-05 5-05	5-05	NV/11NB/9

ESTADO DE LA OZONA

4	5-05	5-05	5-05	5-05	5-05	5-05	5-05	5-05	5-05
3	5-05	5-05	5-05	5-05	5-05	5-05	5-05	5-05	5-05
3	5-05	5-05	5-05	5-05	5-05	5-05	5-05	5-05	5-05
3				2				3	



SETEMBRO 1979

QUADRO COMPLEMENTAR

DIA	TEMPERATURA (°C)					VENTO			PREC. 9H-9H	EVAP. (9H-9H) PICHE		VISIBILIDADE		
	RELVA MIN	TERRENO 0.1M	NA 0.2M	PRFUND. 0.5M	1.0M	TINA VENTO MAX.	MIN.	TINA		TINA	9H	12H	15H	
1	11.2	22.4	22.7	23.8	24.7	77.7	26.7	16.2	+0	2.2	3.2	6	6	8
2	11.9	23.5	23.6	24.3	24.8	87.6	31.1	17.9	+0	3.3	4.8	7	7	8
3	9.6	22.6	23.0	24.5	25.0	54.6	30.5	15.9	+0	3.6	5.5	7	7	7
4	10.7	22.6	23.1	24.6	25.2	42.6	30.7	18.0	+0	4.0	4.5	7	7	7
5	12.9	22.8	23.2	24.5	25.2	45.9	30.5	18.0	+0	2.9	4.2	6	7	7
6	12.3	22.2	22.6	24.0	25.2	51.8	28.0	17.2	+2	2.6	3.8	6	7	8
7	10.7	21.2	21.6	23.5	25.1	71.9	28.4	15.5	+0	3.3	4.7	7	7	7
8	12.3	21.5	22.0	23.5	24.9	50.9	29.3	16.5	+0	3.5	4.4	6	6	6
9	12.2	21.8	22.2	23.6	24.9	51.4	28.5	16.7	+0	2.7	4.2	4	4	7
10	16.3	22.5	22.6	23.9	25.0	42.9	29.5	18.0	+0	3.9	5.3	6	6	6
11	13.1	22.7	23.1	24.2	25.2	40.2	28.9	16.6	+0	2.5	3.2	1	4	6
12	14.0	22.5	22.8	24.0	25.1	46.0	27.8	16.5	+0	1.9	3.5	6	6	6
13	9.2	21.5	22.0	23.8	24.9	46.0	26.0	17.2	+0	2.1	3.2	4	5	7
14	13.0	22.0	22.2	23.7	24.7	41.4	27.9	16.8	+0	2.5	4.0	5	7	7
15	13.6	21.6	22.0	23.4	24.5	52.0	21.5	17.0	+1	2.3	3.0	8	8	7
16	12.7	22.1	22.2	23.5	24.4	51.5	26.7	17.6	1.7	3.7	4.0	8	8	8
17	13.0	22.0	22.2	23.4	24.4	35.0	26.0	18.5	+1	2.2	3.8	6	7	8
18	12.1	21.4	21.9	23.3	24.2	32.7	25.8	16.1	+0	2.3	3.2	5	6	6
19	12.0	21.2	21.6	23.0	23.9	39.7	22.0	16.5	+0	1.3	2.0	6	7	7
20	8.2	20.4	20.8	22.8	23.7	45.6	23.4	15.1	+0	2.4	3.4	6	8	8
21	7.3	20.1	20.8	22.7	23.6	64.5	25.3	13.6	+1	2.2	3.2	6	8	8
22	4.7	19.0	19.7	22.2	23.4	91.1	24.1	11.0	+0	3.1	3.8	7	8	7
23	4.4	18.0	19.0	21.6	23.3	144.0	21.0	8.0	+0	4.3	4.9	8	8	8
24	5.4	18.4	18.8	21.4	22.9	96.8	20.0	10.2	+0	5.1	4.9	8	8	8
25	5.9	18.8	19.4	21.6	22.6	65.1	22.8	12.8	+0	3.7	4.3	8	8	8
26	7.7	18.4	19.7	21.7	22.7	61.6	26.1	12.8	+0	5.8	4.4	8	8	8
27	6.5	19.6	20.2	22.0	22.8	36.9	25.0	14.0	+0	5.6	4.9	7	7	8
28	6.4	19.0	19.4	21.6	22.9	25.2	25.0	13.6	+0	4.1	3.8	5	6	6
29	8.2	19.2	19.6	21.5	22.7	39.0	24.4	14.8	+0	3.2	3.4	1	6	7
30	8.0	19.0	19.4	21.5	22.7	47.2	26.5	13.4	+0	2.7	3.0	2	5	7
MEDIAS OU TOTAIS														
1A-DEC	11.8	22.3	22.7	24.0	25.0	57.7	29.3	17.0	.2	32.0	44.6			
2A-DEC	12.1	21.7	22.1	23.5	24.5	43.0	25.6	16.8	1.9	23.2	33.3			
3A-DEC	6.4	18.5	19.0	21.8	23.0	67.1	24.0	12.4	.1	39.8	40.6			
MES	10.1	21.0	21.4	23.1	24.2	56.0	26.3	15.4	2.2	95.0	118.5			

NOTA: +9.9 SIGNIFICA "FALHA"

OBSERVACIONES CLIMATOLÓGICAS

E.S.	HORA	CIELO	15H			21H			METEOROS
			TEMP	HUM	WIND	TEMP	HUM	WIND	
0	3	CU/CI	10	CU	80	10	CU	80	NV/1NB/4
0	10	ST	9	CU	70	10	CU/SC	70	NB/J
1	9	CU/SC	7	CU	80	0	CU	80	NB/4JAG/4
0	0	CU	0	CU	80	0	CU	80	OR/0JNV/1NB/1
0	6	CU/SC	0	CU	80	7	SC/JAC/CI	80	BR/2
0	4	CU	3	CU	70	9	CI	80	OR/0JNB/1BR/2
0	4	CU/SC	8	CU	80	9	SC	80	NB/4JAG/3
0	5	CU/AC	4	CU/SC	80	1	CI	80	NB/0
0	0	CU	0	CU	80	0	CU	80	NV/1NB/1
0	0	CI	2	CI	80	0	CU	80	NV/4JNB/1BR/2
0	0	ST	1	CU	80	0	CU	80	OR
0	0	ST	1	CU	80	0	CU	80	OR/2JBR/3
0	10	ST	3	CI	70	10	ST	80	NV/4JNB/1BR/2
0	2	CI	7	CU	80	9	CU	80	NB/4
0	1	AC	6	CU/JAC/CI	80	0	CU	80	OR
0	9	CI	2	CI	80	0	CU	80	OR/0JNB/1
0	8	ST	2	CI	80	0	CU	80	NB/1
0	0	CU	0	CU	80	0	CU	80	NB/1BR/2
0	0	CU	0	CU	80	0	CU	80	OR
0	0	SC	0	CU	80	0	CU	80	OR
0	0	CU	0	CU	80	0	CU	80	OR
0	0	CU	0	CU	80	0	CU	80	OR
0	10	ST	0	CU	80	0	CU	80	NB/7
0	2	CI	1	CI	80	0	CU	80	OR/0
0	0	CU	0	CU	80	10	ST	80	OR/0JNB/1BR/2
0	7	ST	0	CU	80	0	CU	80	NB/4JBR/2
0	0	CU	4	CI	80	0	CU	80	OR/0JNV/1NB/8
0	1	CU/JAC/CI	0	CU	80	1	AC	80	OR/0JNB/4
0	2	CU/JAC	3	CU	80	0	CU	80	NB/1BR/2
0	0	CU	0	CU	80	0	CU	80	OR/0JNV/1NB/1BR/2
0	10	ST	0	CU	80	10	ST	80	NV/1NB/9

STATISTICO

4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3											



SETEMBRO 1979

QUADRO COMPLEMENTAR

DIAS	TEMPERATURA (°C)					VENTO		PREC. 9H-9H	EVAP. (9H-9H) PICHE	VISIBILIDADE				
	RELVA MIN	TERRENO 0.1M	NA PROFUND. 0.2M	0.5M	1.0M	TINA MAX.	MIN.			9H	12H	15H		
01	11.2	22.4	22.7	23.8	24.7	77.7	26.7	16.2	0.0	2.2	3.2	6	6	8
02	11.9	23.5	23.6	24.3	24.8	87.6	31.1	17.9	0.0	3.3	4.8	7	7	8
03	9.6	22.6	23.0	24.5	25.0	54.6	30.5	15.9	0.0	3.6	5.5	7	7	7
04	10.7	22.6	23.1	24.6	25.2	42.6	30.7	18.0	0.0	4.0	4.5	7	7	7
05	12.9	22.8	23.2	24.5	25.2	45.9	30.5	18.0	0.0	2.9	4.2	6	7	7
06	12.3	22.2	22.6	24.0	25.2	51.8	28.0	17.2	0.2	2.6	3.8	6	7	8
07	10.7	21.2	21.6	23.5	25.1	71.9	28.4	15.5	0.0	3.3	4.7	7	7	7
08	12.0	21.5	22.0	23.5	24.9	50.9	29.3	16.5	0.0	3.5	4.4	6	6	6
09	12.2	21.8	22.2	23.6	24.9	51.4	28.5	16.7	0.0	2.7	4.2	4	4	7
10	14.3	22.5	22.6	23.9	25.0	42.9	29.5	18.0	0.0	3.9	5.3	6	6	6
11	13.1	22.7	23.1	24.2	25.2	40.2	28.9	16.6	0.0	2.5	3.2	1	4	6
12	14.0	22.5	22.8	24.0	25.1	46.0	27.8	16.5	0.0	1.9	3.5	6	6	6
13	9.2	21.5	22.0	23.8	24.9	46.0	26.0	17.2	0.0	2.1	3.2	4	5	7
14	13.0	22.0	22.2	23.7	24.7	41.4	27.9	16.8	0.0	2.5	4.0	5	7	7
15	13.6	21.6	22.0	23.4	24.5	52.0	21.5	17.0	0.1	2.3	3.0	8	8	7
16	12.7	22.1	22.2	23.5	24.4	51.5	26.7	17.6	1.7	3.7	4.0	8	8	8
17	13.0	22.0	22.2	23.4	24.4	35.0	26.0	18.5	0.1	2.2	3.8	6	7	8
18	12.1	21.4	21.9	23.3	24.2	32.7	25.8	16.1	0.0	2.3	3.2	5	6	6
19	12.0	21.2	21.6	23.0	23.9	39.7	22.0	16.5	0.0	1.3	2.0	6	7	7
20	8.2	20.4	20.8	22.8	23.7	45.6	23.4	15.1	0.0	2.4	3.4	6	8	8
21	7.3	20.1	20.8	22.7	23.6	64.5	25.3	13.6	0.1	2.2	3.2	6	8	8
22	4.7	19.0	19.7	22.2	23.4	91.1	24.1	11.0	0.0	3.1	3.8	7	8	7
23	4.4	18.0	19.0	21.6	23.3	144.0	21.0	8.0	0.0	4.3	4.9	8	8	8
24	5.4	18.4	18.8	21.4	22.9	96.8	20.0	10.2	0.0	5.1	4.9	8	8	8
25	5.9	18.8	19.4	21.6	22.6	65.1	22.8	12.8	0.0	3.7	4.3	8	8	8
26	7.7	18.4	19.7	21.7	22.7	61.6	26.1	12.8	0.0	5.8	4.4	8	8	8
27	6.5	19.6	20.2	22.0	22.8	36.9	25.0	14.0	0.0	5.6	4.9	7	7	8
28	6.4	19.0	19.4	21.6	22.9	25.2	25.0	13.6	0.0	4.1	3.8	5	6	6
29	8.2	19.2	19.6	21.5	22.7	39.0	24.4	14.8	0.0	3.2	3.4	1	6	7
30	8.0	19.0	19.4	21.5	22.7	47.2	26.5	13.4	0.0	2.7	3.0	2	5	7
MEDIAS OU TOTAIS														
14.º DEC	11.8	22.3	22.7	24.0	25.0	57.7	29.3	17.0	0.2	32.0	44.6			
24.º DEC	12.1	21.7	22.1	23.5	24.5	43.0	25.6	16.8	1.9	23.2	33.3			
31.º DEC	6.4	18.9	19.6	21.8	23.0	67.1	24.0	12.4	0.1	39.8	40.6			
MESES	10.1	21.0	21.4	23.1	24.2	56.0	26.3	15.4	2.2	95.0	118.5			

NOTA: \*9.9 SIGNIFICA \*FALHA\*

OBSERVACOES CLIMATOLÓGICAS  
15H

15H

METEOROS

U.S.	9H	15H	21H	METEOROS	
U	10	ST	U	NB/4	
U	3	ST	U	NB/4	
U	0	U	U	NB/11BR/6	
U	7	CI	U	NB/11BR/6/11V/3	
U	10	ST	3	ST	NV/01NB/11BR/2
U	0	U	2	CI	NB/41CV/0
U	0	U	1	CI	NB/11BR/2
U	10	ST	U	NB/9	
U	0	U	10	CS	NB/41BR/6
U	2	CI	0	U	NB/71BR/21BR/3
U	10	ST	U	NV/41BR/21NB/6	
U	10	ST	10	ST	NB/91MS/2
U	8	CI	9	SC/CI	NB/11BR/2
U	8	AC/CI	7	CU/SC/AC	NB/71AG/21RL/3
U	3	SC/AC	6	CU/SC/CI	BR/21TR/31RL/31AG/3
U	4	CU/AC	7	CU/SC	NB/11TR/21AG/2
U	10	ST	9	CU/SC/CI	NB/11BR/2
U	10	ST	10	ST	NB/9
U	10	SC	U	U	NB/11BR/2
U	5	SC	8	SC	NB/41AG/2
U	3	CU/CI	0	U	NB/11BR/3
U	7	CU/CI	U	U	BR/01NB/1
U	0	U	U	U	BR/3
U	1	AC	4	CI	BR/01NB/01NV/1
U	1	CI	5	CI	BR/21NB/3
U	0	CI	U	U	NB/21BR/2
U	1	CI	1	CI	NB/11NV/41BR/2
U	0	U	U	U	NB/11NV/0
U	10	ST	U	U	
U	10	ST	U	U	

STATO UD. RAIZON

5	2	3
8	7	7
4	4	1
6	4	3



OUTUBRO 1979

QUADRO COMPLEMENTAR

DIA	TEMPERATURA (9H)					VENTO	TINA		PREC. EVAP. (9H=9H)		VISIBILIDADE			
	RELVA	TERRENO NA PROFUND.					MAX.	MIN.	9H=9H	EVAP. (9H=9H)	PICHE	TINA	9H	12H
	MIN	0.1M	0.2M	0.5M	1.0M									
1	8.4	19.4	19.8	21.5	22.6	36.4	25.0	13.5	.0	2.5	3.2	3	4	7
2	8.5	19.2	19.6	21.4	22.6	42.8	23.0	13.5	.0	3.3	4.5	7	8	9
3	10.0	19.6	20.0	21.5	22.6	48.0	23.5	15.6	.1	2.8	3.2	8	8	8
4	10.0	18.9	18.7	20.8	22.3	72.6	19.4	14.5	28.3	1.2	2.2	8	8	9
5	10.8	18.3	18.3	20.4	21.9	52.0	23.2	14.0	.2	2.0	2.9	6	6	7
6	10.4	18.6	18.4	19.8	19.9	158.1	15.6	14.5	16.5	.7	1.0	6	7	7
7	10.7	18.0	18.0	19.8	19.9	34.6	20.8	15.6	5.7	11.1	48.9	9	0	0
8	14.2	18.4	18.4	19.7	20.9	169.6	20.0	16.0	19.4	3.5	4.1	7	6	8
9	11.5	17.9	18.0	19.7	20.7	81.2	21.0	15.0	5.7	1.2	1.8	7	7	7
10	8.5	17.0	17.2	19.3	20.5	33.9	19.0	12.8	9.0	1.0	1.6	8	9	9
11	8.4	16.2	16.6	19.0	20.9	66.8	21.5	12.0	7.2	1.4	1.2	9	7	8
12	7.8	16.0	16.2	18.4	20.0	52.8	16.5	12.3	8.5	1.1	1.4	7	8	8
13	6.8	14.4	15.0	17.6	19.1	69.5	12.5	9.5	31.2	.3	.3	9	8	9
14	9.7	14.4	14.8	17.1	18.9	99.0	16.8	11.4	17.8	.9	.8	7	7	8
15	10.0	14.1	14.6	17.0	18.6	97.7	19.0	10.7	48.8	.9	.7	6	6	6
16	6.6	13.5	13.6	16.0	18.2	64.9	16.0	10.0	54.0	.1	.1	9	8	8
17	7.2	14.2	14.4	16.4	17.9	41.7	18.0	9.2	.0	1.6	1.1	7	8	9
18	6.3	14.6	14.6	16.7	18.1	66.0	21.7	11.3	.0	2.8	2.8	9	9	9
19	8.4	15.3	15.4	17.1	18.2	100.1	23.3	13.0	.0	4.5	3.2	9	9	9
20	13.6	17.0	16.8	17.5	18.2	55.9	21.9	13.0	2.2	3.0	2.1	4	7	8
21	12.0	16.4	16.4	17.5	18.4	74.8	17.0	14.2	2.1	1.3	1.0	8	8	8
22	8.9	16.0	16.2	17.5	18.4	21.3	16.6	13.5	.3	.9	1.1	7	8	8
23	4.7	16.4	16.4	17.6	18.4	37.7	21.0	14.0	.0	1.2	1.9	7	9	9
24	3.8	14.5	14.9	17.3	18.4	46.6	19.7	10.8	.0	1.6	2.2	7	9	9
25	6.8	15.0	15.2	17.0	18.2	70.6	23.0	11.5	16.7	1.7	3.0	8	8	8
26	3.8	14.4	14.6	16.6	18.1	74.4	16.5	11.0	9.8	1.0	1.0	8	8	8
27	2.4	12.2	12.4	16.1	17.7	44.3	24.8	9.5	4.0	.9	.9	7	9	9
28	2.8	13.0	13.4	15.9	17.4	30.1	18.4	9.3	.0	.9	1.2	3	7	8
29	2.9	12.6	13.0	15.6	17.2	40.9	17.0	9.3	.0	1.2	1.9	1	6	7
30	1.8	12.7	13.1	15.6	17.0	35.6	17.5	9.4	.0	1.4	1.0	1	7	6
31	1.6	12.6	13.2	15.5	16.9	27.5	22.8	9.5	.0	1.2	1.7	5	6	7
MEDIAS OU TOTAIS														
1A+DEC	10.3	18.5	18.6	20.4	19.9	72.9	21.0	14.5	84.9	29.3	73.4			
2A+DEC	8.5	15.0	15.2	17.3	18.8	71.4	18.7	11.2	169.7	16.6	13.7			
3A+DEC	4.7	14.2	14.4	16.6	17.8	45.8	19.5	11.1	32.9	13.3	16.9			
MES	7.7	15.8	16.0	18.0	19.9	62.8	19.7	12.2	287.5	59.2	104.0			

NOTA: -9.9 SIGNIFICA "FALHA"





NOVEMBRO 1979

QUADRO COMPLEMENTAR

DIA	TEMPERATURA (°C)					VENTO			PREC. 9H-9H	EVAP. (9H-9H)		VISIBILIDADE		
	RELVA TERRENO NA PROFUND.					TINA				PICHE	TINA			
	MIN	0.1M	0.2M	0.5M	1.0M	MAX.	MIN.	9H-9H			9H	12H	15H	
1	3.6	13.2	13.4	13.5	13.9	37.3	15.5	10.6	0.0	1.3	0.9	5	5	6
2	6.9	14.2	14.2	13.7	13.7	25.4	15.5	11.3	0.0	0.7	0.6	1	7	7
3	4.7	14.0	14.4	13.1	13.7	50.9	20.4	11.8	0.0	2.2	3.9	6	6	6
4	2.6	13.4	13.9	13.0	13.9	40.7	21.9	10.4	0.0	2.7	2.0	3	7	7
5	4.0	14.6	14.8	13.1	17.0	46.4	19.0	11.0	0.0	1.0	1.8	5	5	7
6	0.0	13.6	14.0	13.1	17.0	42.1	20.0	10.5	0.0	1.3	1.4	7	7	8
7	0.0	13.2	13.6	13.7	17.2	34.0	18.6	9.8	0.0	1.5	2.0	0	5	6
8	9.7	14.0	14.1	13.7	13.8	37.8	13.2	9.3	0.2	0.4	0.4	4	5	6
9	3.7	13.8	13.7	13.5	13.7	40.3	13.2	11.1	0.1	0.8	0.5	5	4	6
10	-2.0	11.0	12.0	13.0	13.5	63.1	12.5	5.0	0.9	0.6	0.5	4	7	5
11	-1.8	10.2	11.0	14.4	13.2	29.8	13.6	5.5	0.0	1.6	1.3	8	8	8
12	-3.2	9.8	10.6	13.8	13.7	19.5	13.3	4.6	0.0	1.3	1.0	8	8	6
13	12.0	13.0	12.8	14.0	13.5	52.2	14.4	5.2	28.9	1.1	1.4	4	7	6
14	3.5	14.0	13.7	14.6	13.4	78.6	15.9	12.8	9.3	0.3	0.3	6	4	7
15	3.0	11.6	12.0	14.4	13.6	93.4	13.5	8.0	19.6	0.4	0.5	7	7	7
16	2.5	10.6	11.0	13.6	13.4	32.1	10.0	6.4	6.0	0.5	0.4	7	8	7
17	6.1	11.8	11.8	13.5	13.1	31.7	11.4	7.2	3.3	0.5	0.6	5	4	4
18	4.8	13.4	13.2	14.0	14.9	81.3	14.4	13.3	6.0	0.2	0.2	5	8	8
19	3.0	12.5	12.0	14.2	14.7	61.3	17.2	9.8	0.0	0.8	1.3	2	6	8
20	2.0	11.6	12.0	14.0	13.1	28.0	16.0	9.5	0.0	0.8	1.0	1	1	6
21	1.6	11.0	11.6	12.6	13.0	45.6	16.4	7.3	0.0	1.3	0.8	8	8	8
22	-2.3	9.4	10.2	13.3	14.9	168.7	16.0	12.6	0.0	5.1	3.8	8	6	7
23	0.8	8.8	9.4	12.6	14.6	87.1	11.7	4.2	0.0	3.2	1.9	7	7	7
24	0.0	8.2	9.0	12.2	14.2	37.8	13.9	3.4	0.0	2.0	0.9	7	7	8
25	1.0	8.4	9.0	12.0	13.9	62.4	12.0	4.5	0.0	2.5	1.6	8	8	8
26	-1.0	7.8	8.4	11.6	13.6	37.4	12.6	3.0	0.0	2.3	1.3	7	7	7
27	2.2	7.0	8.6	11.4	13.4	48.0	12.3	4.3	0.0	2.2	1.3	8	8	8
28	3.6	8.6	9.1	11.6	13.1	72.3	15.5	5.3	0.0	4.6	1.9	8	8	8
29	3.0	9.0	9.5	11.7	13.1	46.3	16.2	6.7	0.0	4.9	2.8	8	8	8
30	6.2	9.8	10.2	12.0	13.2	55.3	16.6	7.8	0.0	5.0	2.7	8	8	8
MEDIAS OU TOTAIS														
1A-DEC	3.3	13.5	13.8	13.7	13.8	41.8	17.3	10.1	1.2	12.5	14.0			
2A-DEC	3.2	11.8	12.1	14.0	13.4	50.8	14.0	8.2	73.1	7.5	6.6			
3A-DEC	1.5	8.8	9.5	12.1	13.9	66.1	14.3	5.4	0.0	33.1	19.0			
MES	2.7	11.4	11.8	14.0	13.4	52.9	15.2	8.1	74.3	53.1	41.6			

NOTA: \*9.9 SIGNIFICA \*FALHA\*

OBSERVACOES CLIMATOLÓGICAS

E. S.		9H		15H		21H		METEOROS			
9H	N	C	N	C	N	C					
0	10	ST			10	SC			10	ST	NB/9/0H/0
0	0				0				6	CI	NB/1/1NV/4/0R/3
0	0				0				0		OR/3
0	1	CI			0				10	ST	OR/0/1NV/3/1NB/6
0	0				1	CU			0		NV/1/1NB/8
0	6	CI			2	CI			0		NV/0/0R/0/1NB/9
0	10	ST			8	ST			10	ST	NV/4/1NB/6
1	10	ST			10	ST			10	ST	NB/9/1CV/1
1	10	ST			10	CU, SC			0		NB/4/1CV/1/1AG/2
1	0				0				0		OR/K/1NV/1/1NB/1
0	9	CS			8	CI, CS			0		OR/K/1NB/1
0	4	AC, CI			7	CU, SC, AC, CI			10	ST, AS	OR/0
1	10	AC, AS			10	ST, SC, AC, AS			10	ST, SC, AC, AS	CH/L/1NB/5/1NV/1
1	10	ST			9	CU, SC			10	CU, SC	NV/0/1CH/7/1CV/1/1AG/6
1	9	ST, SC, AC			10	CU, SC, AC, AS			0		AG/9/1TR/4/1NB/2
1	9	CU, SC, AC, AS			9	CU, SC, AC, CI			10	SC	AG/9/1CV/3/1NB/3
2	10	ST			10	ST			10	ST	CV/9/1CH/4/1NV/3
1	7	ST			3	CU			3	SC	CV/0/1NB/1
1	10	ST			0				0		NB/4/1NV/1/0R/3
0	10	ST			6	CU			0		NV/9/1NB/2/0R/3
0	2	CU, CI			0				0		NV/0/0R/0
0	0				0				0		BR/2
0	0				0				0		NB/3
0	0				4	AC, CI			8	CI	OR/0/1NB/1
0	0				2	CI			4	CI	NB/3
0	4	AC, CI			3	CI			3	CI	BE/0/0R/0/1NB/1/1BR/2
0	1	CI			0				0		
0	0				0				6	CI	
0	4	CI			8	CI			6	CI	
0	9	AC, CI			5	AC, CI			0		
5					4				5		
9					2				3		
2					5				4		



DEZEMBRO 1979

QUADRO COMPLEMENTAR

DIA	TEMPERATURA (°C)					TINA			PREC. 9H-9H	EVAP. (9H-9H)		VISIBILID.		
	MELVA MIN	TERRENO NA PROFUND.				VENTO MAX.	MIL.	PICHE		TINA		9H	12H	15H
		0.1M	0.2M	1.0M	1.0M					9H	12H			
1	4.4	10.0	10.4	12.2	13.4	36.0	15.0	8.0	.0	2.8	1.1	7	8	8
2	5.0	9.8	10.2	11.3	13.4	38.0	15.6	7.7	.0	2.9	1.5	7	7	7
3	2.8	9.6	10.0	12.2	13.4	39.0	15.7	6.9	.0	2.0	1.2	7	7	7
4	3.2	9.6	10.0	12.2	13.3	34.7	15.4	6.5	.0	1.5	.5	7	7	7
5	3.0	9.2	9.7	12.0	13.4	40.2	13.5	6.0	.0	1.4	1.2	7	7	8
6	1.7	8.8	9.2	11.7	13.3	29.4	14.0	6.0	.0	2.2	1.0	7	7	8
7	4.6	10.2	10.2	11.7	13.2	50.7	12.0	6.5	.0	2.1	1.0	8	7	8
8	7.6	11.7	11.5	12.3	13.2	11.7	14.8	9.2	2.4	3.0	1.7	8	8	7
9	4.6	10.7	11.5	12.5	13.2	31.5	13.5	10.3	3.3	.2	.3	3	7	8
10	10.2	12.8	12.6	13.0	13.4	30.1	12.5	10.0	6.0	.1	.1	7	7	8
11	11.6	13.6	13.2	13.6	13.5	71.6	14.0	12.6	3.0	.7	.2	5	8	8
12	11.5	13.7	13.4	13.8	13.9	25.5	15.8	13.4	1.4	.3	.5	8	5	8
13	2.5	13.6	13.4	14.0	14.1	35.7	16.0	12.8	3.7	.1	.1	7	7	8
14	.6	10.3	11.0	13.4	14.2	51.3	14.0	6.0	6.7	1.1	1.1	3	7	8
15	4.4	11.0	11.0	12.6	13.9	47.8	12.0	6.5	.3	.9	.7	8	8	8
16	3.4	10.2	10.4	12.7	13.7	33.2	11.4	9.0	2.1	.0	.0	1	8	8
17	1.4	10.0	10.4	12.6	13.7	19.3	15.3	6.8	.0	.5	.8	7	6	8
18	1.3	9.5	10.0	12.3	13.5	49.2	16.2	7.0	.0	1.0	1.2	8	8	8
19	-2.7	8.4	9.0	11.7	13.2	122.9	13.5	4.2	.0	1.7	.5	2	7	8
20	-5.0	6.6	6.6	10.6	13.1	52.1	9.0	.3	.0	1.9	2.0	8	8	8
21	-6.8	5.6	6.4	10.0	12.5	70.2	8.0	.0	.0	1.5	1.1	8	8	8
22	-5.8	5.0	5.6	9.3	12.0	35.5	6.6	.0	.0	.5	.1	8	7	8
23	-7	8.2	8.0	9.5	11.5	21.6	8.3	.3	6.7	.9	.6	8	8	8
24	8.2	10.6	10.2	10.5	11.4	76.0	12.3	7.7	56.3	.3	.2	5	8	8
25	-6.6	10.0	10.4	11.2	11.5	48.4	9.0	7.5	27.6	.1	.1	4	6	8
26	-7	8.2	8.6	10.8	11.9	47.1	13.2	5.5	.0	.9	1.0	4	5	7
27	.6	6.8	8.2	10.4	11.8	54.3	10.4	4.7	.0	1.0	1.0	8	8	8
28	.0	9.7	9.6	10.5	11.6	129.7	10.1	9.2	9.2	.7	.4	2	5	8
29	.2	7.8	8.3	10.6	11.6	41.5	14.3	4.3	.0	1.0	1.0	3	7	8
30	2.6	9.0	9.0	10.5	11.6	25.6	9.0	4.5	.4	.8	.4	5	1	7
31	11.6	11.4	11.0	11.1	11.6	67.1	11.6	7.9	6.7	.6	.4	5	4	4
MEDIAS OU TOTAIS														
1A-DEC	5.1	10.2	10.5	12.1	13.3	44.2	14.2	7.7	11.7	18.2	9.6			
2A-DEC	2.9	10.7	10.8	12.7	13.7	50.9	13.7	7.9	17.2	8.2	7.1			
3A-DEC	.8	8.4	8.7	10.4	11.7	56.1	10.3	4.7	107.1	8.3	6.3			
MES	2.9	9.7	10.0	11.7	12.9	50.6	12.6	6.7	136.0	34.7	23.0			

NOTA: -9.9 SIGNIFICA "FALHA"

OBSERVAÇÕES CLIMATOLÓGICAS

E.S.	9H	N	9H	C	15H	C	21H	C	METEOROS
0	4	AC, CI			3	CI	0		NB/11BR/1
0	2	AC, CI			1	CI	0		NB/01BR/2
0	9	CI, CS			9	CI, CS	10	AC, CI, CS	NB/81HL/0
0	3	CI			0		0		NB/11BR/11DR/K1HL/0
0	0				0		0		NB/11BR/K
0	0				9	CI	9	CI	NB/01BR/21DR/0
0	10	SC, AC, AS			9	SC, RB, AC, CI	10	SC, AC, AS	CV/31CH/1
1	10	SC, AS			9	CU, SC, AC	3	SC	AG/L1CH/11NY/31NB/3
1	9	SC, AC			10	ST, SC	10	SC, CU	NY/41CV/21CH/61NB/J
1	10	CU, SC, AC			10	CU, SC	9	SC	NB/K1AG/8
1	10	SC			10	ST, CU, SC	10	CU, SC	CV/11NB/11AG/0
1	10	SR			10	CU, SC	10	SC	CV/51NB/11AG/2
1	10	CU, SC, AC, AS			10	ST, SC, AS	5	CU, SC	AG/41CH/21NB/4
1	5	CU, AC, CI			7	CU, SC, AC	0		NY/11NB/1
1	10	SR			10	SR	7	SR	CV/51AG/11NB/3
0	10	SR			6	CU, SC	0		NY/11NB/3
0	2	ST, AC, CI			5	AC, CI	0		NY/K1NB/M
1	5	AC, CI			4	AC	0		NY/01DR/K
0	3	CI			6	CU	0		NY/41NB/01DR/0
0	0				1	CU	0		GE/4
0	0				0		0		GE/M
0	10	SC			10	SC	10	ST, AS	CV/31CH/61AG/11GE/4
1	10	SC			10	ST, AS	10	CU, SC, AC, AS	CV/81CH/91NB/0
1	10	SR, AS			8	CU, CB, AC	10	SR, AS	CH/11AG/2
1	10	CU, SC			2	CU	0		NY/31AG/01NB/1
0	10	SR			2	AC, CI	7	AC	NB/41NV/J
0	10	AC, AS			9	CU, SC, AC, AS	10	ST, AS	CH/3
1	0				3	CU	0		NY/11CH/01NB/4
1	7	ST, AC			9	CU, SC, AC	9	AC	NY/41NB/11DR/3
1	10	ST			9	CU, SC	10	ST	NY/21CV/M1CH/31NB/1
2	10	ST			10	ST	10	ST	NY/J1CV/81CH/41NB/0
6					6		5		
7					7		3		
8					7		7		
7					6		5		



STATION	DATE	TEMPERATURE (°C)					WINDS (km/h)					WINDS (m/s)				
		MIN	0-1h	1-2h	2-3h	3-4h	MAX	0-1h	1-2h	2-3h	3-4h	MIN	0-1h	1-2h	2-3h	3-4h
1	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
3	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
5	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
10	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
11	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
12	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
13	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
14	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
15	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
16	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
17	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
18	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
19	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
20	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
21	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
22	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
23	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
24	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
25	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
26	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
27	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
28	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
29	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
30	5-5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
TOTAL																
11-DEC	5-1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
21-DEC	5-3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
31-DEC	5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
MEAN	5-3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

NOTES: 1. ALL VALUES IN METERS

1.1	1.1.1	1.1.1.1	1.1.1.2	1.1.1.3	1.1.1.4	1.1.1.5	1.1.1.6	1.1.1.7	1.1.1.8	1.1.1.9	1.1.1.10	1.1.1.11	1.1.1.12	1.1.1.13	1.1.1.14	1.1.1.15	1.1.1.16	1.1.1.17	1.1.1.18	1.1.1.19	1.1.1.20	
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# 1979

## MAPAS DE APURAMENTO ANUAL

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1.1	1.1.1	1.1.1.1	1.1.1.2	1.1.1.3	1.1.1.4	1.1.1.5	1.1.1.6	1.1.1.7	1.1.1.8	1.1.1.9	1.1.1.10	1.1.1.11	1.1.1.12	1.1.1.13	1.1.1.14	1.1.1.15	1.1.1.16	1.1.1.17	1.1.1.18	1.1.1.19	1.1.1.20	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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1.1	1.1.1	1.1.1.1	1.1.1.2	1.1.1.3	1.1.1.4	1.1.1.5	1.1.1.6	1.1.1.7	1.1.1.8	1.1.1.9	1.1.1.10	1.1.1.11	1.1.1.12	1.1.1.13	1.1.1.14	1.1.1.15	1.1.1.16	1.1.1.17	1.1.1.18	1.1.1.19	1.1.1.20	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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PRESSÃO ATMOSFÉRICA

MES	0=1H	1=2H	2=3H	3=4H	4=5H	5=6H	6=7H	7=8H	8=9H	9=10H	10=11H	11=12H	12=13H	13=14H	14=15H	15=16H	16=17H
JAN	96.5	96.3	96.4	96.2	96.0	96.0	96.1	96.3	96.8	97.2	97.6	97.2	96.7	96.2	96.0	96.1	96.2
FEV	98.4	98.1	98.0	97.6	97.5	97.5	97.6	97.9	98.2	98.5	98.7	98.6	98.2	97.8	97.6	97.6	97.7
MAR	1.3	1.1	.8	.6	.7	.7	.8	1.1	1.4	1.7	1.8	1.6	1.4	.9	.7	.6	.6
ABR	2.2	2.0	1.9	1.7	1.6	1.7	2.1	2.3	2.4	2.7	2.7	2.3	2.1	1.7	1.5	1.4	1.6
MAI	2.3	2.2	2.0	1.9	1.8	2.0	2.3	2.5	2.6	2.7	2.7	2.6	2.2	2.1	2.0	1.8	1.9
JUN	1.6	1.4	1.2	1.2	1.3	1.5	1.6	1.8	2.0	2.0	2.1	1.9	1.6	1.4	1.2	1.1	1.1
JUL	1.9	1.7	1.6	1.5	1.6	1.8	2.1	2.4	2.5	2.6	2.6	2.6	2.0	1.7	1.5	1.4	1.4
AGO	1.3	1.1	1.0	.9	.9	1.1	1.5	1.7	1.8	2.0	1.9	1.6	1.2	.9	.7	.6	.6
SET	3.4	3.2	3.0	2.8	2.9	3.0	3.4	3.7	3.8	4.1	4.0	3.6	3.1	2.5	2.3	2.0	2.2
OUT	94.8	95.0	94.6	94.4	94.5	94.5	94.6	95.0	95.4	95.8	95.8	95.6	95.2	94.9	94.8	94.8	94.9
NOV	6.1	5.9	5.8	5.7	5.6	5.6	6.4	6.2	6.6	6.9	7.0	6.6	6.1	5.7	5.5	5.4	5.6
DEZ	7.2	7.0	7.0	6.8	6.7	6.7	6.8	7.1	7.4	7.8	7.9	7.6	7.0	6.5	6.4	6.4	6.5
1979	1.4	1.2	1.1	.9	.9	1.0	1.3	1.5	1.7	2.0	2.1	1.8	1.4	1.0	.8	.7	.8

NOTA: O SINAL + INDICA QUE EXISTEM DOIS OU MAIS DIAS

1979  
MAPAS DE APURAMENTO ANUAL

TEMPERATURA DO AR

MES	0=1H	1=2H	2=3H	3=4H	4=5H	5=6H	6=7H	7=8H	8=9H	9=10H	10=11H	11=12H	12=13H	13=14H	14=15H	15=16H	16=17H
JAN	9.0	8.9	8.8	8.7	8.5	8.4	8.3	8.3	8.6	9.6	10.8	11.8	12.6	13.0	13.1	12.7	11.9
FEV	9.7	9.5	9.5	9.3	9.3	9.3	9.2	9.4	9.8	10.4	11.3	12.1	12.8	13.2	13.6	13.4	12.8
MAR	7.9	7.8	7.6	7.3	7.2	7.2	7.1	7.8	8.6	10.0	11.4	12.2	13.0	13.4	13.6	13.4	12.6
ABR	9.7	9.4	9.2	8.9	8.8	8.7	9.1	10.4	11.5	13.2	14.7	15.9	16.8	17.5	17.6	17.0	16.2
MAI	11.9	11.6	11.4	11.3	11.2	11.4	12.6	14.3	15.2	17.0	18.4	19.4	20.4	20.5	20.3	19.9	19.4
JUN	15.2	14.9	14.7	14.5	14.3	14.4	15.4	17.1	18.1	20.7	22.3	23.2	24.4	25.0	25.2	24.6	23.7
JUL	17.9	18.0	17.9	17.4	17.3	17.3	17.7	18.9	20.0	21.8	23.6	25.0	26.8	27.6	27.9	27.5	26.5
AGO	15.9	15.5	15.2	14.9	14.9	14.9	15.3	17.0	18.6	21.1	23.2	25.0	26.7	27.4	27.2	26.4	25.4
SET	15.4	15.1	14.8	14.6	14.6	14.4	14.7	15.7	16.9	18.8	21.3	23.0	24.9	25.8	26.0	25.4	24.7
OUT	13.0	12.9	12.7	12.6	12.4	12.3	12.4	12.9	13.6	14.9	16.3	17.2	17.8	18.1	18.0	17.3	16.7
NOV	9.4	9.2	9.0	8.5	8.3	8.3	8.1	8.7	9.7	11.5	13.2	14.3	16.0	16.6	16.9	16.2	15.6
DEZ	8.8	8.7	8.6	8.4	8.1	8.2	8.0	8.1	8.7	9.9	11.5	12.7	13.9	14.2	14.4	13.8	12.6
1979	12.0	11.8	11.6	11.4	11.2	11.2	11.5	12.4	13.3	14.9	16.5	17.6	18.8	19.4	19.5	19.0	18.0

NOTA: O SINAL + INDICA QUE EXISTEM DOIS OU MAIS DIAS

TENSÃO DO VAPOR

MES	0=1H	1=2H	2=3H	3=4H	4=5H	5=6H	6=7H	7=8H	8=9H	9=10H	10=11H	11=12H	12=13H	13=14H	14=15H	15=16H	16=17H
JAN	10.2	10.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.4	10.7	11.0	11.2	11.1	11.1	11.1	10.9
FEV	10.9	11.0	11.0	11.0	10.8	10.9	10.8	11.0	10.9	10.8	11.1	11.5	11.5	11.5	11.5	11.4	11.1
MAR	10.0	9.9	9.9	9.8	9.8	9.9	9.9	10.0	10.6	10.2	10.3	10.9	10.7	10.8	10.8	10.8	10.6
ABR	10.5	10.4	10.2	10.1	9.9	9.8	10.0	10.6	10.8	11.0	11.4	11.2	11.2	11.2	11.5	11.6	11.7
MAI	12.4	12.3	12.2	12.0	12.0	12.0	12.3	12.9	13.0	13.1	13.3	13.6	13.8	13.9	13.9	13.7	13.4
JUN	14.8	14.6	14.6	14.3	14.4	14.4	14.7	15.3	15.4	16.2	16.9	17.1	17.7	17.4	17.0	17.0	16.6
JUL	17.2	16.7	16.7	16.0	15.9	16.0	16.0	16.7	17.4	19.2	18.3	19.2	20.2	20.8	20.4	20.4	19.6
AGO	16.2	16.1	15.8	15.5	15.3	14.8	15.0	15.6	16.3	16.0	16.8	17.4	18.0	18.3	18.2	17.9	17.7
SET	15.8	15.5	15.3	15.2	15.2	15.0	15.1	15.4	15.6	15.8	16.5	16.8	16.7	16.9	17.2	17.2	17.0
OUT	14.0	14.0	14.0	13.9	13.9	13.9	13.8	13.9	14.4	14.6	15.1	15.2	15.2	15.2	15.0	15.0	14.8
NOV	10.6	10.5	10.4	10.0	9.9	9.9	9.8	10.0	10.4	10.6	11.2	11.7	12.3	12.3	12.4	12.3	12.0
DEZ	10.7	10.6	10.7	10.5	10.3	10.4	10.3	10.3	10.6	10.8	11.5	12.0	12.3	12.3	12.3	12.4	12.1
1979	12.8	12.6	12.6	12.4	12.3	12.2	12.3	12.6	12.9	13.2	13.6	13.9	14.2	14.3	14.3	14.3	14.0

NOTA: O SINAL + INDICA QUE EXISTEM DOIS OU MAIS DIAS

17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	MEDIA	M-MAX.	M-MIN.	VAR-MED.	MAX-ABS-DATA	MIN-ABS-DATA	VAR-MAX.
96.3	96.5	96.7	96.8	96.8	96.7	96.4	96.5	.1	93.0	7.1	9.0	10	38.3
98.0	98.5	98.7	98.7	99.0	99.0	98.9	98.2	1.4	95.4	6.0	14.8	24	45.4
.6	.9	1.2	1.4	1.6	1.6	1.5	1.1	3.7	98.9	4.8	18.5	*	36.4
1.6	1.6	2.0	2.4	2.4	2.4	2.4	2.0	4.2	99.4	4.8	10.5	28	31.2
1.9	2.0	2.3	2.6	2.8	2.7	2.6	2.3	3.5	1.2	2.3	9.4	12	13.2
1.0	1.2	1.4	1.7	2.0	2.0	1.8	1.5	2.8	.3	2.5	7.4	13	13.0
1.3	1.6	1.8	2.0	2.4	2.2	2.2	1.9	3.6	.3	3.3	7.9	27	11.8
.6	.8	1.1	1.4	1.6	1.6	1.5	1.2	2.6	.0	2.6	7.8	16	14.4
2.4	2.7	3.3	3.6	3.8	3.7	3.5	3.2	4.4	1.9	2.5	9.9	24	12.3
95.1	95.4	95.6	95.7	95.8	95.6	95.3	95.1	97.6	92.5	5.1	7.7	18	37.3
5.7	6.0	6.1	6.2	6.4	6.3	6.4	6.1	7.7	4.6	3.1	13.1	10	16.6
6.6	6.8	7.0	7.1	7.1	7.2	7.2	7.0	8.9	5.3	3.6	15.6	16	23.0
.9	1.2	1.4	1.6	1.8	1.7	1.7	1.3	3.4	99.4	4.0	18.5	4MAR	49.1

BASIC PLAN DE SINDO METEOROLOGICO DEL AEROPUERTO DE JAMPA Y LATO

17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	MEDIA	M-MAX.	M-MIN.	VAR-MED.	MAX-ABS-DATA	MIN-ABS-DATA	VAR-MAX.
11.3	10.7	10.2	10.0	9.6	9.5	9.3	10.1	13.9	6.9	7.0	18.4	14	13.2
12.1	11.2	10.8	10.5	10.1	9.8	9.6	10.8	14.1	8.2	5.9	18.9	20	13.2
12.0	10.5	9.8	9.5	8.9	8.7	8.4	9.8	14.8	6.3	8.5	19.2	25	15.3
15.2	13.5	12.4	11.6	11.0	10.7	10.3	12.5	18.1	7.9	10.2	23.8	17	17.4
18.6	16.5	15.0	14.3	13.4	12.9	12.5	15.4	21.7	10.3	11.4	35.3	14	19.5
22.9	20.8	19.1	18.1	16.9	16.4	16.1	19.1	26.4	13.7	12.7	33.6	18	19.8
25.7	23.7	21.8	20.6	19.5	18.8	18.4	21.6	28.4	16.6	11.8	35.2	15	18.5
24.2	21.6	19.8	18.7	17.7	17.1	16.7	20.0	28.2	15.0	13.2	38.7	11	21.1
22.2	19.9	18.8	17.6	16.8	16.2	15.7	16.8	24.5	14.0	12.5	31.4	*	18.2
15.9	14.9	14.4	14.0	13.6	13.3	13.2	14.6	19.2	11.4	7.8	24.8	02	16.9
13.4	12.1	11.5	11.1	10.4	10.1	9.9	11.5	17.4	7.1	10.3	23.3	02	16.3
12.0	11.2	10.7	10.3	9.9	9.5	9.4	10.5	14.7	7.0	7.7	21.6	01	13.6
17.1	15.5	14.5	13.9	13.1	12.7	12.5	14.6	20.3	10.4	9.9	38.7	11AUG	40.7

BASIC PLAN DE SINDO METEOROLOGICO DEL AEROPUERTO DE JAMPA Y LATO

17-18H	18-19H	19-20H	20-21H	21-22H	22-23H	23-24H	MEDIA	M-MAX.	M-MIN.	VAR-MED.	MAX-ABS-DATA	MIN-ABS-DATA	VAR-MAX.
10.8	10.7	10.6	10.6	10.4	10.3	10.2	10.5	11.9	9.0	2.9	15.2	03	8.4
11.1	11.2	11.0	11.0	10.9	10.9	10.9	11.1	12.7	9.5	3.2	17.6	04	13.2
10.6	10.6	10.6	10.5	10.3	10.2	10.2	10.3	11.8	9.0	2.8	16.0	24	9.2
11.3	11.2	11.3	11.1	11.2	11.1	10.9	10.9	12.9	9.1	3.8	17.0	08	10.5
13.1	12.5	12.4	12.5	12.5	12.6	12.3	12.8	14.6	11.0	3.6	20.3	29	12.7
16.3	15.9	15.7	15.8	15.7	15.5	15.3	15.8	18.4	13.4	5.0	23.8	30	16.3
19.5	19.2	18.6	18.2	18.2	18.1	17.9	18.2	21.8	15.3	6.5	26.5	23	16.4
17.5	17.7	17.4	17.0	16.7	16.6	16.6	16.7	19.5	14.2	5.3	27.7	10	17.5
16.8	16.9	16.7	16.4	16.5	16.2	15.9	16.1	18.5	14.1	4.4	23.3	10	14.9
14.9	14.8	14.7	14.5	14.4	14.2	14.3	14.5	16.4	12.8	3.6	21.1	08	11.2
12.0	11.8	11.7	11.4	11.0	10.8	10.7	11.1	13.3	9.1	4.2	18.1	02	12.3
12.4	11.9	11.7	11.5	11.3	11.1	11.1	11.3	13.3	9.5	3.8	17.4	11	16.7
13.9	13.7	13.5	13.4	13.3	13.1	13.0	13.3	15.4	11.3	4.1	27.7	10AUG	23.3



UMIDADE RELATIVA DO AR

MES	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H	13-14H	14-15H	15-16H	16-17H
JAN	88	88	88	88	89	90	90	89	88	86	83	80	77	74	74	76	78
FEV	88	89	89	89	89	89	88	88	86	82	81	79	76	75	74	74	76
MAR	93	93	93	94	95	94	94	94	92	82	76	74	72	71	69	70	71
ABR	87	89	88	89	88	87	87	84	80	74	69	63	61	58	58	62	60
MAI	89	90	91	90	90	89	85	80	76	69	65	61	60	60	61	61	62
JUN	87	87	88	88	89	89	84	79	75	67	64	61	60	57	55	57	59
JUL	85	83	84	83	83	83	81	79	76	69	65	63	60	58	56	57	58
AGO	85	90	91	91	90	90	87	81	77	65	60	56	52	51	51	52	50
SET	89	90	90	90	91	90	89	85	81	72	66	60	54	51	51	53	58
OUT	93	94	94	95	95	94	95	93	92	86	82	78	75	74	74	76	80
NOV	89	89	89	89	88	88	89	88	86	79	75	73	69	67	66	69	74
DEZ	91	92	91	92	92	93	93	92	91	84	83	81	77	76	76	74	82
1979	89	90	90	90	90	90	89	86	83	76	72	69	66	64	64	60	60

NOTA: O SINAL + INDICA QUE EXISTEM DIAS OU MAIS DIAS

VELOCIDADE DO VENTO (KM/H)

MES	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H	13-14H	14-15H	15-16H	16-17H
JAN	8.5	8.1	8.1	8.1	9.5	9.2	9.5	9.9	8.5	10.4	11.6	11.7	11.7	12.3	12.4	11.7	9.6
FEV	11.9	12.1	11.5	12.2	13.0	12.1	12.0	12.3	12.6	13.3	12.6	13.2	13.6	14.1	14.5	13.2	13.6
MAR	6.9	7.4	6.7	6.8	6.2	6.0	6.5	7.4	7.0	9.6	11.0	11.8	13.1	13.2	13.9	14.4	15.2
ABR	6.5	6.3	6.6	7.5	8.8	8.9	8.0	8.6	9.2	11.1	12.6	13.9	13.6	14.2	16.3	17.8	16.9
MAI	4.6	4.1	4.6	5.0	5.0	5.9	5.7	6.7	6.6	8.5	10.2	10.1	10.6	11.6	12.5	12.9	12.6
JUN	3.6	4.1	4.2	4.2	4.4	4.6	4.5	5.2	6.1	7.3	8.6	10.0	9.9	10.6	11.9	11.8	12.6
JUL	3.8	4.5	4.7	4.4	5.9	6.7	7.1	6.8	6.4	7.3	7.6	8.0	8.2	9.1	10.3	12.4	13.6
AGO	3.1	3.0	3.2	3.3	3.5	3.0	3.4	3.6	4.7	7.2	9.2	9.2	11.3	12.8	15.2	16.9	17.5
SET	4.0	3.9	3.2	3.3	3.8	4.1	3.2	3.7	4.8	5.2	6.9	7.7	8.8	10.6	11.6	13.7	14.4
OUT	6.7	6.5	5.7	6.4	7.1	7.4	8.0	6.4	6.1	7.3	6.8	8.0	8.8	9.7	11.6	11.7	10.1
NOV	6.0	5.4	4.6	4.8	5.8	6.1	5.2	6.0	4.8	5.5	5.6	6.3	7.8	8.2	8.6	8.8	8.6
DEZ	6.7	6.6	7.0	6.5	6.3	6.4	6.3	6.7	6.8	7.0	7.8	7.3	7.5	8.4	8.6	7.9	7.4
1979	6.0	6.0	5.8	6.0	6.6	6.7	6.6	6.9	7.0	8.3	9.2	9.7	10.4	11.2	12.3	12.9	12.7

NOTA: O SINAL + INDICA QUE EXISTEM DIAS OU MAIS DIAS

PRECIPITACAO

MES	0-1H	1-2H	2-3H	3-4H	4-5H	5-6H	6-7H	7-8H	8-9H	9-10H	10-11H	11-12H	12-13H	13-14H	14-15H	15-16H	16-17H
JAN	6.4	6.2	11.6	5.3	9.5	14.7	4.7	5.8	6.9	3.6	3.8	6.2	11.3	14.5	6.2	6.8	4.2
FEV	16.0	14.7	10.9	10.6	22.6	14.3	4.9	7.5	15.4	13.7	12.1	16.8	9.1	13.2	6.5	12.1	6.8
MAR	3.3	2.7	4.0	6.8	13.2	6.1	7.0	2.4	2.5	7.0	4.4	7.0	6.8	6.4	4.2	2.6	6.8
ABR	4.1	1.3	1.5	2.8	4.9	1.0	1.6	9.0	13.4	7.1	8.1	8.0	8.1	1.9	4.3	5.6	7.3
MAI	5.2	3.3	3.8	5.1	3.5	3.0	3.0	1.5	2.0	1.7	1.2	4.3	1.8	5.7	4.0	4.9	1.3
JUN	4.0	4.0	4.0	4.0	4.7	4.1	4.1	4.6	4.1	4.0	4.0	4.6	16.0	5.9	4.1	4.0	4.4
JUL	4.0	5.4	6.5	7.7	6.0	4.1	4.4	4.0	4.0	1.9	6.8	3.0	4.0	4.2	4.7	4.0	4.4
AGO	4.0	1.3	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
SET	1.2	4.0	4.0	4.2	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
OUT	2.5	6.5	4.6	7.5	10.9	6.6	10.2	18.6	13.8	25.6	20.1	14.0	8.5	24.6	13.6	11.6	10.4
NOV	9.6	1.3	2.0	5.1	2.8	3.6	7.8	1.2	1.2	1.7	1.1	3.9	2.5	4.8	1.3	3.6	1.9
DEZ	14.0	6.1	4.2	9.6	12.5	4.7	3.6	12.2	5.8	5.0	4.1	1.6	3.1	3.6	9.0	1.7	4.6
1979	58.3	48.8	49.1	60.6	82.6	49.8	44.3	58.8	41.1	67.3	61.7	66.6	67.2	77.0	48.0	49.1	42.1

17-18H 18-19H 19-20H 20-21H 21-22H 22-23H 23-24H MEDIA M-MAX. M-MIN. VAR-MED. MAX-ABS-DATA MIN-ABS-DATA VAR-MAX.

81	83	85	86	86	87	87	84	95	69	26	100	+	51	14	47
78	82	83	84	85	87	88	83	94	69	25	100	+	38	+	57
75	82	86	87	89	90	92	85	97	65	32	100	+	42	2	57
66	73	79	81	85	87	88	77	96	54	42	100	+	28	18	65
63	68	74	78	82	85	84	76	94	54	40	100	+	26	14	59
60	66	72	77	82	84	85	74	93	52	41	100	+	25	17	64
60	67	73	76	82	84	84	73	91	53	38	100	+	27	6	57
58	69	76	79	83	85	87	74	95	48	47	100	+	21	11	68
63	72	78	82	86	88	88	76	95	49	46	100	+	24	25	74
82	87	89	90	92	93	94	87	98	68	30	100	+	44	2	56
78	84	86	86	87	87	87	82	95	63	32	100	+	39	28	54
85	88	89	90	90	90	92	87	97	71	26	100	+	47	1	46
71	77	81	83	86	87	88	80	95	60	35	100	-	21	11AGC	74

17-18H 18-19H 19-20H 20-21H 21-22H 22-23H 23-24H MEDIA M-MAX. DIR-VAL-V-MAX-DATA RAJ-MAX-DATA DIR-PRED-TEM-DUR.

8.9	8.1	7.4	8.5	8.9	10.6	9.8	9.7	20.6	SE	44	24	68	7	SSE	117
11.9	11.8	10.6	11.1	10.6	10.0	10.8	12.3	23.5	S	52	10	87	14	S	151
14.9	13.2	10.4	8.6	6.5	6.5	7.0	9.6	19.5	SSE	49	22	90	22	NNW	166
16.1	14.1	10.9	7.5	5.7	5.7	5.5	10.5	22.7	SSE	44	13	74	13	NW	147
13.5	12.2	10.2	6.6	4.8	4.6	4.4	8.1	17.2	NW	28	2	51	2	NW	303
12.5	11.1	8.7	7.1	5.3	4.7	4.2	7.4	16.2	E	37	17	67	17	NNW	253
12.6	11.9	8.4	6.4	5.0	3.9	3.5	7.4	16.6	ESE	31	2	64	2	NW	238
16.3	14.3	10.1	6.9	6.0	4.8	3.4	8.0	20.4	NNW	30	15	54	15	NW	276
13.5	10.8	7.8	6.3	5.3	3.9	3.7	6.8	16.1	NNW	29	21	59	21	NW	242
9.7	7.5	6.4	6.5	5.9	6.6	6.6	7.6	18.4	S	37	7	73	5	S	176
7.5	6.3	6.0	5.2	6.5	6.1	5.9	6.3	14.2	ESE	28	21	59	15	NNW	167
6.1	6.5	6.5	6.8	6.6	6.0	6.4	6.9	13.5	N	27	19	50	13	S	198
12.0	10.6	8.6	7.3	6.5	6.1	5.9	8.4	18.2	S	52	10FEV	90	22MAR	NW	1873

RESULTADOS E EVAPORACAO

NUMERO DE OBSERVACAOES A STACIONAMENTO DIURNAS 10-13. EVAPORACAO TOTAL (MM) PICHE TINA

17-18H 18-19H 19-20H 20-21H 21-22H 22-23H 23-24H TOTAL NO-DIAS MAX(24H)DATA MAX(1H)DATA TOTAL(9-9H)

6.5	3.0	4.0	2.5	5.0	5.6	3.0	157.9	21	30.3	3	9.3	3	156.3
17.8	26.6	11.9	5.8	10.2	12.6	10.7	309.8	19	44.8	4	11.9	7	304.0
8.6	12.6	6.1	4.9	2.6	3.2	2.0	131.3	19	20.7	24	5.7	24	137.2
6.4	2.5	3.0	1.5	1.6	1.7	2.8	94.2	12	28.3	8	8.2	8	94.5
.2	.9	.6	.2	.6	.3	1.7	59.7	12	19.2	27	3.5	30	59.7
.0	.0	.0	.0	.0	.0	.0	25.6	8	23.4	30	15.9	30	2.2
.0	.0	.1	.1	.2	.2	.1	39.8	8	36.3	11	7.6	11	62.2
.0	.0	.0	.0	.6	.0	.0	1.9	2	1.3	3	1.3	3	2.8
.0	.0	.0	.0	.3	.0	.2	2.0	4	1.2	16	1.2	16	2.2
10.0	4.1	4.4	19.7	11.6	14.5	10.9	284.8	17	71.3	15	17.3	15	287.5
1.3	4.4	3.0	5.5	5.1	5.6	4.4	73.9	9	21.9	13	8.0	13	74.3
5.0	3.5	4.3	12.4	2.7	1.7	6.3	138.1	16	64.1	24	12.4	24	136.0
55.8	53.6	37.4	52.6	40.5	44.4	44.3	1321.0	147	71.3	15/OUT	17.3	15/OUT	1318.9



FRECUENCIA DE LA DIRECCION DE VIENTO

MES	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	WW	NNW	CALMA
JAN	48	4	9	5	35	42	117	85	115	33	30	13	12	12	31	75	34
FEB	73	10	9	6	42	13	36	50	141	29	52	8	32	18	87	41	18
MAR	38	9	3	3	5	5	46	128	89	27	38	15	32	25	90	166	25
ABR	82	8	7	13	25	12	23	58	46	19	20	17	11	24	147	109	59
MAY	17	0	0	0	11	1	32	24	114	0	59	0	71	0	303	3	112
JUN	18	4	10	13	31	9	19	27	21	20	19	7	25	23	137	253	54
JUL	4	0	16	13	43	23	18	27	29	7	16	9	19	19	236	181	46
AGO	19	13	7	2	3	3	8	25	14	8	6	5	11	50	276	207	86
SET	10	4	11	4	13	9	26	20	33	7	13	1	10	42	242	140	45
OUT	25	0	6	0	31	3	45	65	176	0	25	1	41	4	138	19	116
NOV	21	0	2	2	24	35	41	74	123	33	8	4	9	25	49	167	99
DEZ	45	6	4	4	11	2	21	131	198	45	59	20	31	24	56	40	36
1979	526	59	84	65	277	157	432	734	1149	228	345	100	305	266	1673	1406	752

PRECIPITACION CORRESPONDENTE A CADA RUMO

MES	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	WW	NNW	CALMA
JAN	4.6	0	1	2.6	7.9	5.8	10.0	17.9	5.8	6.0	17.7	7.8	7.8	14.6	10.0	37.6	1.5
FEB	14.4	0	0	0	0	0	2.4	8.8	83.4	24.4	54.5	11.4	29.9	7.6	49.1	22.8	1.2
MAR	4.4	1.7	0	2.2	0	3	4.4	22.8	22.7	15.1	10.2	14.1	7.4	7.2	15.1	8.4	3
ABR	1.9	0	0	0	0	3.3	0.7	25.3	16.9	8.1	11.0	6.6	1.0	4.3	14.1	3.3	1
MAY	1.7	0	0	0	0	1.5	1	4.6	0	22.4	0	10.4	0	18.9	0	1	
JUN	1	0	0	0	15.9	0	6.0	0	0	0	6	1	1	0	1.6	6	0
JUL	0	0	0	0	0	1	0	3	0	0	3	1	1	1	30.5	8.3	0
AGO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.9	0	0
SET	1.4	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0
OUT	2.2	0	0	0	0	1	1.0	13.5	84.3	0	30.4	0	44.1	0	89.7	3.8	15.7
NOV	2	0	0	0	0	0	0	4	1.8	5.1	3.9	2.8	1.5	6.5	20.8	27.0	1.2
DEZ	0	0	0	0	0	0	2.2	12.7	18.4	4.0	56.6	6.4	16.4	10.5	6.5	2.4	0
1979	31.1	1.7	0.5	4.8	23.8	9.6	28.8	101.7	238.2	62.7	207.6	49.3	118.7	52.8	250.2	114.6	20.1

INSOLAÇÃO E RADIAÇÃO

MES	INSOLAÇÃO			GLOBAL		DIFUSA		REFLECTIDA		CIRCUN-GLOBAL	
	TOT.	MED.	%	TOT.	MED.	TOT.	MED.	TOT.	MED.	TOT.	MED.
JAN	98.8	3.2	33	4591	148	2337	75	1710	55	3179	103
FEV	97.0	3.7	34	5311	189	2407	86	1813	65	3208	115
MAR	150.2	4.9	41	9506	307	4453	144	3221	104	5493	177
ABR	226.6	7.0	57	13985	466	4719	157	4769	159	7133	238
MAI	222.7	7.2	50	14677	473	5498	177	5091	164	7191	232
JUN	251.1	8.4	56	16829	560	5637	188	5687	190	8286	276
JUL	280.1	9.0	61	16874	544	5343	172	5659	183	8479	274
AGO	328.0	10.5	77	17533	566	4339	140	6044	195	9128	294
SET	246.4	8.2	60	12626	421	4015	134	4725	158	7247	242
OUT	-99.9	4.2	38	-99	225	-99	-99	-99	-99	4419	143
NOV	175.7	5.9	59	6253	208	1879	63	-99	-99	4594	153
DEZ	117.2	3.8	40	4066	131	1902	61	-99	-99	3110	100
1979	-99.9	6.4	51	-99	353	-99	-99	-99	-99	71467	196

NOTA: -99 E -99.9 SIGNIFICAM "FALHA"

NEBULOSIDADE E EVAPORAÇÃO

MES	NUMERO DE OBSERVAÇÕES					NEBULOSIDADE MEDIA (0-10)										EVAP. TOTAL (MM)	
	L	PN	N	MN	E	0H	3H	6H	9H	12H	15H	18H	21H	MED	PICHE	TINA	
JAN	43	18	33	24	130	6	7	7	7	7	7	7	6	7	45.8	33.7	
FEV	39	10	19	18	138	7	8	7	7	8	8	7	7	7	45.3	35.7	
MAR	42	10	42	41	113	6	7	7	7	7	8	7	6	7	38.8	50.4	
ABR	70	17	39	25	89	4	5	6	6	6	6	5	4	5	72.7	96.1	
MAI	79	8	25	23	113	5	6	7	7	6	6	5	4	6	85.5	114.7	
JUN	49	13	55	31	92	5	6	7	6	6	6	6	6	6	103.0	154.0	
JUL	122	9	24	14	79	3	5	5	6	4	4	3	4	4	135.0	145.3	
AGO	133	21	23	20	51	3	3	6	3	3	2	2	3	3	120.8	160.5	
SET	90	20	37	24	69	2	2	2	2	2	2	2	1	2	94.0	118.5	
OUT	32	12	42	33	129	7	7	8	8	8	7	7	6	7	49.2	56.5	
NOV	100	19	24	14	83	5	4	4	5	5	4	5	4	5	53.1	41.6	
DEZ	71	17	20	15	125	5	6	6	7	6	6	6	5	6	34.7	23.0	
1979	870	174	383	282	1211	5	6	6	6	6	6	5	5	5	877.9	1030.0	

L=CEU LIMPO  
 PN=CEU POUCO NEBULADO  
 N=CEU NEBULADO  
 MN=CEU MUITO NEBULADO  
 E=CEU ENCOBERTO



TEMPERATURAS NA KELVA E DO TERRENO

MES	TEMPERATURA NA RELVA			TEMPERATURA DO TERRENO			
	MED. MIN.	MIN. ABS.	DATA	0.1M	0.2M	0.5M	1.0M
JAN	3.0	-1.5	28	9.6	9.7	11.4	12.2
FEV	5.0	-5.3	17	10.4	10.4	11.7	12.3
MAR	2.7	-2.5	1	10.2	10.4	11.9	12.4
ABR	3.6	-0.8	1	12.8	13.0	14.3	14.4
MAI	6.7	.6	4	17.3	17.4	18.4	18.6
JUN	10.9	4.2	1	21.0	21.0	21.8	21.7
JUL	13.6	8.6	13	23.4	23.6	24.5	24.6
AGO	10.4	7.0	25	22.8	23.2	24.7	25.2
SET	10.1	4.4	23	21.0	21.4	23.1	23.3
OUT	7.7	1.6	31	15.8	16.0	18.0	19.2
NOV	2.7	-3.2	12	11.4	11.8	14.0	15.4
DEZ	2.9	-6.8	21	9.7	10.0	11.7	12.9
1979	6.6	-6.8	21/DEZ	15.4	15.7	17.1	17.7

FREQUENCIA DE ELEMENTOS DIVERSOS

MES	PRECIPITACAO (MM)			NUMERO DE DIAS COM													SOLG				
	0-1	1	10	CH	NE	CV	GR	TR	RI	NV	NR	BR	GF	GR	AN	MS	HL	CL	S	n	M
JAN	21	15	6	18	0	6	1	0	0	3	15	1	0	9	1	1	0	0	13	9	9
FEV	20	19	12	19	0	1	0	4	2	3	17	3	3	2	0	0	2	0	9	7	12
MAR	21	15	4	20	0	1	1	2	0	4	15	3	1	9	4	0	0	0	10	13	8
ABR	14	11	4	12	0	2	1	2	0	4	15	4	0	10	1	1	2	0	19	8	8
MAI	13	8	2	10	0	6	0	0	0	2	20	6	0	9	0	0	0	0	22	7	2
JUN	6	0	0	6	0	2	0	2	1	7	23	11	0	6	0	0	0	0	30	4	0
JUL	10	4	3	5	0	7	0	2	0	12	25	12	0	3	0	0	0	0	27	4	0
AGO	3	1	0	2	0	0	0	0	0	2	22	10	0	9	0	0	0	0	30	1	0
SET	5	1	0	4	0	1	0	2	2	6	26	14	0	5	0	1	0	0	30	0	0
OUT	20	17	8	16	0	1	0	5	0	7	16	1	0	10	0	1	3	0	16	11	4
NOV	9	6	2	6	0	6	0	1	0	12	19	2	1	13	0	1	0	0	20	9	1
DEZ	15	13	2	16	0	9	0	0	0	13	24	4	2	6	0	0	2	0	15	14	2
1979	157	110	43	134	0	42	3	20	5	83	237	71	7	91	6	10	9	0	241	81	43

S=SCLH SECA  
 H=SCLH HUMIDA  
 N=SCLP MOLHADE

NORMAIS E DESVIOS DOS ELEMENTOS CLIMATICOS EM 1979  
(1941 - 1970)

	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO
MEDIA	996.1	998.2	1001.1	1002.0	1002.3	1001.5	1001.9	1001.2	1003.2	995.1	1006.1	1007.0	1001.3
NORMAL	1002.3	1001.2	998.9	999.2	998.9	1000.5	1000.7	999.9	1000.5	1000.5	1000.2	1002.2	1000.5
DESVIO	-6.2	-3.0	2.2	2.8	3.4	1.0	1.2	1.3	2.7	-5.4	5.9	4.8	0.8
MAX.MED.	1000.1	1001.4	1003.7	1004.2	1003.5	1002.8	1003.6	1002.6	1004.4	997.6	1007.7	1008.9	1003.4
NORMAL	1004.8	1003.8	1001.7	1001.3	1001.1	1002.1	1002.2	1001.4	1002.2	1002.3	1002.0	1004.7	1002.5
DESVIO	-4.7	-2.4	2.0	2.9	2.4	0.7	1.4	1.2	2.2	-4.7	5.7	4.2	0.9
MIN.MED.	993.0	995.4	998.9	999.4	1001.2	1000.3	1000.3	1000.0	1001.9	992.5	1004.6	1005.3	999.4
NORMAL	999.7	998.7	996.7	997.2	997.5	999.0	999.5	998.6	998.9	998.6	997.6	999.8	998.5
DESVIO	-6.7	-3.3	2.2	2.2	3.7	1.3	0.8	1.4	3.0	0.1	7.0	5.5	0.9

	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO
MEDIA	10.1	10.6	9.8	12.5	15.4	19.1	21.6	20.0	18.9	14.6	11.5	10.5	14.6
NORMAL	9.4	10.1	12.5	14.2	16.3	19.2	20.8	20.7	19.5	16.9	12.6	9.7	15.1
DESVIO	0.7	0.5	-2.7	-1.7	-0.9	-0.1	0.8	-0.7	-0.6	-2.3	-1.1	0.8	-0.5
MAX.MED.	13.9	14.1	14.8	18.1	21.7	26.4	28.4	28.2	26.5	19.2	17.4	14.7	20.3
NORMAL	14.3	15.7	18.3	20.8	23.0	26.5	29.0	29.2	27.3	23.6	17.9	14.5	21.7
DESVIO	-0.4	-1.6	-3.5	-2.7	-1.3	-0.1	-0.6	-1.0	-0.8	-4.4	-0.5	0.2	-1.4
MIN.MED.	6.9	8.2	6.3	7.9	10.3	13.7	16.6	15.0	14.0	11.4	7.1	7.0	10.4
NORMAL	5.7	6.0	6.1	9.2	11.2	13.7	15.0	14.8	14.1	12.1	8.7	6.0	10.4
DESVIO	1.2	2.2	-1.8	-1.3	-0.9	0.0	1.6	0.2	-0.1	-0.7	-1.6	1.0	0.0

	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO
MEDIA	84	83	84	78	79	74	73	74	76	84	82	87	80
NORMAL	79	76	73	72	73	72	70	70	73	73	77	80	74
DESVIO	5	7	11	6	6	2	3	4	3	11	5	7	6

	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO
TOTAL	156.3	304.0	137.2	94.5	59.7	2.2	62.2	2.8	2.2	287.5	74.3	136.0	1318.9
NORMAL	137.5	118.8	121.6	79.7	78.4	40.1	10.4	16.7	48.0	84.6	121.9	130.9	988.5
DESVIO	18.8	185.2	15.6	14.8	-18.7	-37.9	51.8	-13.9	-45.8	203.0	-47.6	5.1	330.4

	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO
TOTAL	21	19	19	12	12	8	8	2	4	17	9	16	147
NORMAL	16	14	15	12	12	8	4	6	9	12	15	16	137
DESVIO	5	5	4	0	0	0	4	-4	-5	5	-6	1	10

	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO
MEDIA	9.7	12.3	9.6	10.5	8.1	7.4	7.4	8.0	6.9	7.6	6.2	6.9	8.4
NORMAL	10.5	10.5	10.6	9.8	9.1	8.7	8.6	8.4	7.7	8.2	10.0	9.6	9.3
DESVIO	-0.8	1.8	-1.0	0.7	-1.0	-1.3	-1.2	-0.4	-0.8	-0.6	-3.8	-2.7	-0.9

	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO
MEDIA	7	7	7	5	6	6	4	3	2	7	4	6	5
NORMAL	6	6	7	6	7	6	4	4	6	6	6	6	6
DESVIO	1	1	0	-1	-1	0	0	-1	-4	1	-2	0	-1

	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO
MEDIA	3.2	3.7	4.9	7.6	7.2	8.4	9.0	10.5	8.2	4.2	5.9	3.8	6.4
NORMAL (H)	4.7	5.7	6.1	7.8	8.7	9.7	10.5	10.0	7.9	6.6	5.1	4.7	7.3
DESVIO	-1.5	-2.0	-1.2	-0.2	-1.5	-1.3	-1.5	0.5	0.3	-2.4	0.8	-0.9	-0.9
PERCENT.	33	34	41	57	50	56	61	77	66	38	59	40	51
NORMAL	49	53	51	59	60	65	72	73	63	59	51	50	59
DESVIO	-16	-19	-10	-2	-10	-9	-11	4	3	-21	8	-10	-8





INSTITUTO GEOFÍSICO

DA  
UNIVERSIDADE DE COIMBRA

AV. DIAS DA SILVA  
COIMBRA—PORTUGAL

Coimbra, 87/3/13

Exm<sup>os</sup> Snrs:

A fim de reorganizar-mos e actualizar-mos os nossos ficheiros de serviço de permutas, agradecemos que nos informassem se continuam interessados em receber as nossas publicações OBSERVAÇÕES METEOROLÓGICAS MAGNÉTICAS E SISMOLÓGICAS, qual das partes terá mais interesse para o vosso serviço.

1<sup>o</sup> parte .....METEOROLOGIA

2<sup>o</sup> parte .....MAGNETISMO

3<sup>o</sup> parte .....SISMOLOGIA

Se no prazo de um mês não obtivermos qualquer resposta anularemos a vossa direcção.

Por favor complete o postal anexo.

Sem outro assunto e desde já grata pela  
vossa atenção

A BIBLIOTECA

MARIA DA GRAÇA CRISTO

*Recebemos*  
*Nous avons reçu*  
*We have received*  
*Wir haben erhalten*

*Observações Meteorológicas* { *1.ª Parte*.....  
*Magnéticas e* {  
*Sismológicas* { *2.ª Parte*.....

*Enviamos*  
*Nous vous envoyons*  
*We send you*  
*Wir senden Ihnen*

*Endereço exacto da nossa Instituição*  
*Adresse exacte de nôtre Institution*  
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