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PANAMA CANAL COMPANY

ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

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Station: Gatun **Month:** October 1973

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	84	73	78	84	71	78	0
2	84	75	80	87	71	79	0
3	81	73	77	96	71	84	0
4	81	72	76	94	71	82	0
5	77	72	74	96	71	84	0
6	82	72	77	95	78	86	0
7	82	73	78	92	70	81	.30
8	86	72	79	92	74	83	.70
9	82	73	78	96	71	84	0
10	84	73	78	92	70	81	0
11	84	75	80	88	70	79	.10
12	84	75	80	88	71	80	1.50
13	79	72	76	91	74	82	.60
14	86	72	79	86	70	78	1.90
15	79	73	76	86	68	77	0
16	84	73	78	84	66	75	0
17	79	73	76	81	70	76	0
18	84	75	80	90	71	80	0
19	84	73	78	87	69	78	.80
20	84	73	78	95	70	82	0
21	84	72	78	96	76	86	.90
22	88	72	80	90	69	80	0
23	84	72	78	92	74	83	0
24	82	73	78	91	74	82	0
25	87	72	80	97	72	84	.20
26	85	73	79	95	72	84	0
27	85	73	74	92	72	82	.20
28	86	74	80	88	71	80	0
29	90	74	82	92	72	82	1.90
30	86	74	80	42	72	82	0
31	84	75	80	100	73	86	.30
Sum	2591	2266	2425	2825	2214	2520	9.41
Mean	83.6	73.1	78.2	91.1	71.4	81.3	

TOTAL RAINFALL FOR THIS MONTH IN:

19 64	11.20	19 69	14.49
19 65	24.00	19 70	15.72
19 66	15.68	19 71	10.70
19 67	13.86	19 72	17.07
19 68	23.01	19 73	9.41

AIR PRESSURE
(Inches reduced to sea level)

Bihourly mean: -
Departure from normal: -
Highest: - Date: -
Lowest: - Date: -

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean: 78.2
Departure from normal: -2.2
Highest: 90 Date: 29
Lowest: 72 Date: 4

RAINFALL
(Inches)

Total: 9.41
Departure from normal: -6.80
Greatest in 24 hours: 1.90
Date: 14

WIND

Average hourly velocity: - mph.
Prevailing direction: -
Maximum for five minutes: -
mph. from the ... on the ...

SUNSHINE

Average number hours per day: -
Percentage of possible: -

NUMBER OF DAYS

Clear: -
Partly Cloudy: -
Cloudy: -
.01 inch of rain or more: 12
Thunderstorms: -
Light fog: -
Dense fog: -

Number of hours with rain: -

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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PANAMA CANAL COMPANY

ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: Gatun, C. Z. **Month:** November, 1973

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	86	70	78	95	72	84	.10
2	82	73	78	87	71	79	.40
3	81	73	77	95	72	84	.0
4	82	73	78	96	72	84	-
5	82	75	75	100	75	88	0
6	80	74	77	96	72	84	.60
7	79	72	76	95	69	82	.10
8	77	72	74	96	72	84	.10
9	82	72	77	100	73	86	.20
10	79	73	76	96	72	84	0
11	77	72	74	95	70	82	1.60
12	77	72	74	86	79	82	.40
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	1.18
15	77	72	74	100	75	87	3.40
16	75	72	74	95	72	84	.33
17	79	72	75	100	73	86	.30
18	84	73	78	96	73	84	-
19	82	73	78	92	75	84	-
20	86	73	80	92	76	84	0
21	86	73	80	96	72	84	.08
22	84	73	78	96	72	84	.39
23	82	72	77	96	74	84	0
24	82	73	78	96	72	84	.17
25	79	73	76	92	71	78	1.03
26	82	73	78	96	72	84	.08
27	82	73	78	95	72	84	.28
28	84	73	78	96	72	84	.36
29	79	72	76	96	72	84	1.65
30	82	72	77	96	72	84	.68
31							
Sum	2269	2033	2149	2667	2034	2346	13.43
Mean	81.0	72.6	76.8	95.3	72.6	83.8	.52

TOTAL RAINFALL FOR THIS MONTH IN:

1964	10.59	1969	14.44
1965	33.66	1970	26.83
1966	37.06	1971	11.69
1967	25.90	1972	8.06
1968	12.48	1973	13.43

AIR PRESSURE
(Inches reduced to sea level)

Bihourly mean
Departure from normal
Highest Date
Lowest Date

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean 76.8
Departure from normal -2.9
Highest 86 Date 1
Lowest 70 Date 1

RAINFALL
(Inches)

Total 13.43
Departure from normal -7.63
Greatest in 24 hours 3.40
Date 15

WIND

Average hourly velocity - mph.
Prevailing direction -
Maximum for five minutes
mph. from the - on the -

SUNSHINE

Average number hours per day -
Percentage of possible -

NUMBER OF DAYS

Clear -
Partly Cloudy -
Cloudy -
.01 inch of rain or more 21
Thunderstorms -
Light fog -
Dense fog -

Number of hours with rain -

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PANAMA CANAL COMPANY

ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

73

Station: Gatun **Month:** December

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	27.2	21.2	24.2				.90
2	26.2	20.0	23.1				.01
3	27.4	21.0	23.6				0
4	27.3	20.0	23.6				0
5	28.9	20.6	24.8				0
6	27.7	22.1	24.9				.30
7	27.4	21.9	24.6				.50
8	25.3	21.1	23.2				.70
9	26.7	20.6	23.6				.80
10	26.7	22.1	24.4				1.10
11	26.3	21.6	24.0				.90
12	27.4	21.5	24.4				.10
13	27.5	21.3	24.4				0
14	26.8	21.1	24.0				.10
15	27.7	21.0	24.4				0
16	27.1	21.7	24.4				0
17	26.9	21.6	24.2				0
18	26.4	22.1	24.2				.20
19	28.7	23.8	26.2				0
20	29.5	24.5	27.0				0
21	32.7	23.0	27.8				0
22	29.8	23.1	26.4				0
23	28.6	23.2	25.9				.58
24	29.0	22.2	25.6				.09
25	29.6	23.9	25.4				.10
26	30.5	24.1	27.3				.10
27	29.3	25.3	27.3				.10
28	29.3	23.2	26.2				0
29	29.7	23.2	26.4				.01
30	29.0	23.3	26.2				.01
31	25.9	29.7	24.3				.60
Sum	868.5	695.0	776.6				7.20
Mean	28.0	22.4	25.0				

TOTAL RAINFALL FOR THIS MONTH IN:

1964	2.56	1969	18.71
1965	7.50	1970	16.88
1966	14.09	1971	.74
1967	9.94	1972	3.86
1968	2.57	1973	7.20

AIR PRESSURE
(Inches reduced to sea level)

Bihourly mean: -
Departure from normal: -
Highest: - Date: -
Lowest: - Date: -

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean: 77.0
Departure from normal: -2.9
Highest: 90.9 Date: 21
Lowest: 68.0 Date: 2

RAINFALL
(Inches)

Total: 7.20
Departure from normal: -4.90
Greatest in 24 hours: 1.10
Date: 10

WIND

Average hourly velocity: 3.2 mph.
Prevailing direction: -
Maximum for five minutes: -
mph. from the: - on the: -

SUNSHINE

Average number hours per day: -
Percentage of possible: -

NUMBER OF DAYS

Clear: -
Partly Cloudy: -
Cloudy: -
.01 inch of rain or more: 19
Thunderstorms: -
Light fog: -
Dense fog: -

Number of hours with rain: -