4066
Rev. 10-58

QC
986
.P2
M66
1973

PANAMA CANAL COMPANY
ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: CRISTOBAL **Month:** January 1973

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	85	80	82	86	74	82	0
2	84	78	81	89	73	82	0
3	85	77	81	86	72	80	0
4	85	79	82	90	78	84	0
5	83	78	80	87	74	81	0
6	84	81	82	84	71	78	0
7	84	78	81	83	72	79	0
8	84	78	81	82	72	78	0
9	82	77	80	86	81	84	0
10	82	78	80	88	82	85	.20
11	84	80	82	87	81	86	0
12	82	77	80	96	78	91	2.40
13	84	80	82	92	76	85	0
14	84	78	81	88	67	77	0
15	83	76	80	84	70	76	0
16	84	78	81	83	71	77	0
17	84	77	80	84	76	80	0
18	83	77	80	86	80	83	0
19	83	79	81	89	78	85	.10
20	82	76	79	88	77	84	.30
21	82	74	78	88	74	83	0
22	83	74	78	92	80	88	0
23	83	78	80	88	80	84	0
24	84	79	82	86	78	82	0
25	84	78	81	86	71	80	0
26	84	79	82	83	72	77	0
27	84	79	82	82	72	78	0
28	84	79	82	80	74	78	0
29	83	78	80	80	66	75	0
30	84	78	81	80	62	74	0
31	84	79	82	87	74	81	0
Sum	2590	2417		2670	2306		3.00
Mean	83.5	78.0	80.8	86.1	74.4	81.2	

TOTAL RAINFALL FOR THIS MONTH IN:

1964	.74	1969	2.54
1965	4.82	1970	9.21
1966	1.11	1971	7.39
1967	.93	1972	11.90
1968	.21	1973	3.00

AIR PRESSURE
(Inches reduced to sea level)

Bihourly mean 29.856
Departure from normal -.009
Highest 30.00 Date 13
Lowest 29.73 Date 5

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean 80.8
Departure from normal +0.6
Highest 85 Date 4
Lowest 74 Date 21

RAINFALL
(Inches)

Total 3.00
Departure from normal -0.42
Greatest in 24 hours 2.40
Date 12

WIND

Average hourly velocity 12.5 mph.
Prevailing direction N
Maximum for five minutes 24
mph. from the N on the 13

SUNSHINE

Average number hours per day 8.4
Percentage of possible 72

NUMBER OF DAYS

Clear 2
Partly Cloudy 20
Cloudy 9
.01 inch of rain or more 4
Thunderstorms 0
Light fog 0
Dense fog 0
Number of hours with rain 9

ATMOSPHERIC SCIENCES
LIBRARY
MAR 2 3 1973
N.O.A.A.
U. S. Dept. of Commerce

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Climate Database Modernization Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

LASON
Imaging Subcontractor
12200 Kiln Court
Beltsville, MD 20704-1387
March 28, 2002

6946
Rev. 10-50

PANAMA CANAL COMPANY

ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

ATMOSPHERIC SCIENCES LIBRARY
1973
N.O.A.A.
U. S. Dept. of Commerce

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: CRISTOBAL, C. Z. **Month:** February 1973

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	84	80	82	85	82	84	0
2	86	79	82	85	75	83	0
3	86	79	82	86	77	83	0
4	85	78	82	84	72	80	0
5	86	78	82	88	71	81	0
6	86	76	81	87	68	81	0
7	86	76	81	89	70	81	0
8	86	79	82	86	70	81	0
9	86	73	80	86	68	82	0
10	87	75	81	87	70	82	0
11	83	76	80	88	66	83	0
12	85	73	79	88	68	80	.10
13	84	76	80	86	75	82	0
14	85	77	81	86	72	83	0
15	85	78	82	88	80	85	0
16	86	78	82	88	74	84	0
17	85	74	80	90	78	85	.10
18	85	75	80	90	78	86	0
19	85	78	82	90	78	86	0
20	84	78	81	89	81	87	0
21	84	78	81	89	81	87	0
22	84	77	80	92	85	89	0
23	84	76	80	90	70	82	0
24	85	76	80	92	80	88	0
25	86	77	82	92	81	89	0
26	86	77	82	92	74	84	0
27	86	78	82	84	76	88	0
28	85	78	82	84	68	78	0
29							
30							
31							
Sum	2385	2153		2461	2088		0.20
Mean	85.2	76.9	80.2	87.9	74.6	83.4	

TOTAL RAINFALL FOR THIS MONTH IN:

1964	.65	1969	1.02
1965	1.42	1970	2.09
1966	0.57	1971	1.66
1967	0.42	1972	2.40
1968	1.57	1973	0.20

AIR PRESSURE
(Inches reduced to sea level)

Bihourly mean: 29.888
Departure from normal: +.010
Highest: 29.98 Date: 6
Lowest: 29.74 Date: 1

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean: 80.2
Departure from normal: 0.0
Highest: 87 Date: 10
Lowest: 73 Date: 9

RAINFALL
(Inches)

Total: 0.20
Departure from normal: -1.34
Greatest in 24 hours: 0.10
Date: 12+

WIND

Average hourly velocity: 13.5 mph.
Prevailing direction: N
Maximum for five minutes: 27
mph. from the NE on the 12

SUNSHINE

Average number hours per day:
Percentage of possible:

NUMBER OF DAYS

Clear: 5
Partly Cloudy: 18
Cloudy: 5
.01 inch of rain or more: 2
Thunderstorms: 0
Light fog: 0
Dense fog: 0

Number of hours with rain: 2

4066
Rev. 10-58

PANAMA CANAL COMPANY
ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: CRISTOBAL, C. Z. Month: MARCH 1973

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	85	78	82	83	73	79	0
2	86	77	82	83	73	80	0
3	86	78	82	82	71	77	0
4	85	77	81	80	73	77	0
5	84	78	81	78	72	76	0
6	86	78	82	83	73	80	0
7	85	78	82	84	74	80	0
8	85	78	82	82	68	76	0
9	85	74	80	80	68	76	0
10	86	78	82	80	73	78	0
11	86	79	82	80	73	78	0
12	86	78	82	82	74	79	0
13	86	79	82	82	73	79	0
14	86	79	82	82	74	79	0
15	86	78	82	82	76	80	0
16	86	77	82	84	79	83	0
17	86	78	82	89	81	85	.04
18	86	78	82	87	80	85	0
19	86	78	82	86	73	79	0
20	85	77	81	84	77	81	.09
21	86	80	83	84	78	82	0
22	86	79	82	85	80	83	0
23	87	79	83	84	78	82	0
24	86	79	82	85	76	81	0
25	87	78	82	83	72	80	0
26	88	77	82	83	70	79	0
27	87	78	82	82	70	77	0
28	87	78	82	81	66	75	0
29	87	77	82	82	72	79	.03
30	87	77	82	84	70	80	.22
31	87	78	82	84	70	78	0
Sum	2667	2415		2570	2280		.38
Mean	86.0	77.9	82.0	82.9	73.5	79.4	

TOTAL RAINFALL FOR THIS MONTH IN:

1964	.55	1969	2.06
1965	.08	1970	1.72
1966	2.63	1971	2.91
1967	.52	1972	.60
1968	2.48	1973	.38

AIR PRESSURE
(Inches reduced to sea level)

Bihourly mean 29.850
Departure from normal -.021
Highest 29.97 Date 12
Lowest 29.75 Date 15

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean 82.0
Departure from normal +1.2
Highest 88 Date 26
Lowest 74 Date 9

RAINFALL
(Inches)

Total .38
Departure from normal -1.10
Greatest in 24 hours .22
Date 30

WIND

Average hourly velocity 11.3 mph.
Prevailing direction N
Maximum for five minutes 20
mph. from the NE on the 1-6-14

SUNSHINE

Average number hours per day
Percentage of possible

NUMBER OF DAYS

Clear 0
Partly Cloudy 18
Cloudy 13
.01 inch of rain or more 4
Thunderstorms 0
Light fog 0
Dense fog 0

Number of hours with rain 9

4066
Rev. 10-58

PANAMA CANAL COMPANY
ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: Cristobal Month: April 1973

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	86	78	82	80	68	76	0
2	86	76	81	80	67	75	0
3	87	75	81	79	62	74	0
4	87	74	80	85	69	72	0
5	87	77	82	85	76	83	0
6	86	79	82	86	77	83	.10
7	86	79	82	84	74	71	0
8	88	74	81	87	76	84	0
9	87	76	82	88	74	85	0
10	86	78	82	86	70	79	0
11	86	79	82	80	66	74	0
12	87	78	82	80	66	74	0
13	86	73	79	84	73	77	.60
14	87	80	84	80	71	78	.20
15	87	77	82	82	73	79	0
16	87	79	83	80	68	75	0
17	87	78	82	78	66	74	0
18	87	77	82	78	67	75	0
19	87	78	82	84	72	79	.03
20	86	78	82	86	80	84	0
21	87	79	83	86	74	80	0
22	88	77	82	90	64	81	.40
23	85	74	79	93	83	91	0
24	86	76	81	92	72	82	0
25	87	75	81	88	78	85	0
26	90	77	84	90	66	80	.10
27	89	77	83	84	61	78	0
28	88	79	84	90	68	80	.60
29	87	81	84	87	73	82	0
30	87	79	83	90	70	81	0
31							
Sum	2607	2317		2542	2124		2.03
Mean	86.9	77.2	82.0	84.7	70.8	79.7	

TOTAL RAINFALL FOR THIS MONTH IN:

1964	3.39	1969	1.21
1965	2.22	1970	14.75
1966	6.49	1971	.30
1967	2.94	1972	13.30
1968	.53	1973	2.03

AIR PRESSURE
(Inches reduced to sea level)

Bihourly mean 29.843
Departure from normal -.011
Highest 29.95 Date 11
Lowest 29.72 Date 25

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean 82.0
Departure from normal +0.6
Highest 90 Date 26
Lowest 73 Date 13

RAINFALL
(Inches)

Total 2.03
Departure from normal -2.07
Greatest in 24 hours .80
Date 13 & 14

WIND

Average hourly velocity 9.9 mph.
Prevailing direction N
Maximum for five minutes 21
mph. from the N on the 10th

SUNSHINE

Average number hours per day -
Percentage of possible -

NUMBER OF DAYS

Clear 3
Partly Cloudy 10
Cloudy 17
.01 inch of rain or more 7
Thunderstorms 0
Light fog 0
Dense fog 0

Number of hours with rain -

6046
Rev. 10-58

PANAMA CANAL COMPANY

ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: CRISTOBAL, C. Z. **Month:** May 1973

Date	Air Temperature (Deg. F.)			Relative Humidity (Percent)			Total Rainfall (Inches)
	Max.	Min.	Mean	Max.	Min.	Bihourly mean	
1	88	76	82	97	69	82	0
2	87	76	82	96	70	81	.10
3	87	74	80	96	70	81	.80
4	88	81	84	90	71	81	0
5	87	80	84	90	72	81	0
6	88	79	84	92	66	86	0
7	87	74	80	96	72	87	.40
8	87	77	82	95	73	92	.50
9	88	75	82	94	67	84	0
10	88	78	83	91	68	83	0
11	88	78	83	92	66	79	0
12	88	80	84	86	68	80	0
13	88	80	84	88	72	83	0
14	88	77	82	92	71	84	0
15	87	74	80	94	74	86	.80
16	83	75	79	99	79	95	1.00
17	79	74	76	100	97	100	2.20
18	84	73	78	100	75	94	0
19	85	74	80	98	68	93	.40
20	90	74	82	96	60	82	0
21	92	75	84	94	54	78	0
22	93	76	84	95	52	83	0
23	89	76	82	96	65	85	0
24	88	76	82	93	68	85	0
25	89	76	82	92	61	83	0
26	87	76	82	93	74	86	0
27	88	76	82	93	66	89	.40
28	85	73	79	94	76	91	.50
29	87	73	80	95	78	90	2.50
30	85	75	80	94	66	90	.10
31	86	74	80	94	63	88	.40
Sum	2704	2355		2915	2151		10.10
Mean	87.2	76.0	81.6	94.0	69.4	85.8	

TOTAL RAINFALL FOR THIS MONTH IN:

1964	9.39	1969	20.30
1965	12.10	1970	21.05
1966	15.44	1971	9.97
1967	7.74	1972	6.90
1968	8.88	1973	10.10

AIR PRESSURE
(Inches reduced to sea level)

Bihourly mean 29.842
Departure from normal +.007
Highest 29.96 Date 3
Lowest 29.73 Date 26

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean 81.6
Departure from normal +0.5
Highest 93 Date 22
Lowest 73 Date 29

RAINFALL
(Inches)

Total 10.10
Departure from normal -2.36
Greatest in 24 hours 2.50
Date 16 & 17

WIND

Average hourly velocity 6.7 mph.
Prevailing direction N
Maximum for five minutes 40
mph. from the N on the 28

SUNSHINE

Average number hours per day -
Percentage of possible -

NUMBER OF DAYS

Clear 1
Partly Cloudy 7
Cloudy 23
.01 inch of rain or more 13
Thunderstorms 2
Light fog 0
Dense fog 0

Number of hours with rain 40

4066
Rev. 10-58

ATMOS LIBRARY
U. S. D

PANAMA CANAL COMPANY
ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: CRISTOBAL Month: June 1973

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	86	74	80	93	69	85	0
2	86	74	80	94	70	87	.20
3	86	74	80	96	72	90	0
4	81	77	79	97	78	91	.20
5	81	73	77	97	90	95	.80
6	80	78	79	96	86	92	.30
7	85	74	80	94	80	91	1.00
8	87	76	82	94	72	86	0
9	86	75	80	97	76	88	2.70
10	86	79	82	92	74	85	.10
11	81	74	78	90	80	88	.30
12	89	74	82	94	61	87	.40
13	88	74	81	98	63	90	.80
14	87	73	80	98	73	89	.10
15	87	76	82	96	70	86	.30
16	84	76	80	94	82	90	0
17	87	75	81	94	71	86	0
18	86	75	80	93	71	89	0
19	80	75	78	94	85	91	.10
20	86	75	80	94	74	88	.90
21	86	74	80	96	72	90	.10
22	81	73	77	94	72	88	1.00
23	80	73	76	94	88	93	.10
24	83	73	78	94	74	89	.10
25	85	74	80	94	72	90	.70
26	84	74	79	94	72	89	.10
27	87	73	80	93	60	85	0
28	86	72	79	93	66	86	0
29	83	76	80	97	84	92	.20
30	88	74	81	96	70	92	.40
31							
Sum	2542	2237		2840	2227		10.90
Mean	84.7	74.6	79.7	94.7	74.2	89.0	

TOTAL RAINFALL FOR THIS MONTH IN:

1964	17.58	1969	5.69
1965	9.17	1970	9.73
1966	3.38	1971	21.90
1967	18.06	1972	15.00
1968	11.61	1973	10.90

AIR PRESSURE
(Inches reduced to sea level)

Bihourly mean 29.842
Departure from normal +.007
Highest 29.94 Date 27
Lowest 29.74 Date 3

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean 79.7
Departure from normal -1.0
Highest 89 Date 12
Lowest 72 Date 28

RAINFALL
(Inches)

Total 10.90
Departure from normal -2.21
Greatest in 24 hours 2.70
Date 9

WIND

Average hourly velocity 3.7 mph.
Prevailing direction SW
Maximum for five minutes 20
mph. from the N on the 5

SUNSHINE

Average number hours per day -
Percentage of possible -

NUMBER OF DAYS

Clear 0
Partly Cloudy 2
Cloudy 28
.10 inch of rain or more 22
Thunderstorms 1
Light fog 0
Dense fog 0

Number of hours with rain 50

4066
Rev. 10-58

PANAMA CANAL COMPANY
ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: Cristobal **Month:** July 1973

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	86	73	80	94	71		.41
2	85	76	80	96	76		1.57
3	85	78	82	95	81		.10
4	87	75	81	91	64		.28
5	85	72	78	96	71		2.40
6	85	79	82	96	81		0
7	88	79	84	92	72		0
8	86	79	82	96	79		.11
9	87	79	83	95	74		0
10	88	76	82	92	67		.91
11	85	76	80	99	82		.58
12	86	73	80	93	74		0
13	85	73	79	94	75		.36
14	85	74	80	92	70		1.87
15	80	74	77	95	82		1.02
16	86	73	80	98	74		3.24
17	85	75	80	94	67		.15
18	83	73	78	96	80		.39
19	86	74	80	94	66		.08
20	84	73	78	94	74		.38
21	86	72	79	94	66		.12
22	91	73	82	98	56		.25
23	86	73	80	95	66		.28
24	83	73	78	94	76		0
25	89	73	81	95	54		.40
26	85	74	80	96	69		.13
27	87	75	81	95	70		.07
28	86	73	80	95	58		0
29	84	73	78	98	74		.27
30	84	71	78	94	70		.15
31	86	74	80	92	62		0
Sum	2654	2308	2483	2938	2204		15.52
Mean	85.6	74.5	80.1	94.8	71.1		

TOTAL RAINFALL FOR THIS MONTH IN:

19		19	
19		19	
19		19	
19		19	
19		19	

AIR PRESSURE
(Inches reduced to sea level)

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

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean: 80.1
Departure from normal:
Highest: 91 Date: 22
Lowest: 80 Date: 15

RAINFALL
(Inches)

Total: 15.52
Departure from normal: +0.10
Greatest in 24 hours: 3.24
Date: 16 & 17

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: 24
Thunderstorms: 6
Light fog:
Dense fog:

Number of hours with rain:

4066
Rev. 10-56

PANAMA CANAL COMPANY
ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: Cristobal **Month:** August 1973

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	84	75	80	100	86	93	0
2	83	73	78	92	69	80	.40
3	87	74	80	92	70	91	.20
4	84	77	80	91	71	81	1.00
5	85	78	82	93	71	82	0
6	88	76	82	91	61	76	0
7	84	73	76	85	77	81	1.10
8	81	75	78	80	76	78	.70
9	86	70	78	94	76	85	0
10	85	73	79	100	59	80	1.20
11	85	73	79	84	82	83	0
12	88	77	82	93	73	83	.30
13	84	80	82	84	74	79	.50
14	84	78	81	85	78	82	0
15	83	77	80	95	72	84	.50
16	84	76	80	94	69	82	1.00
17	85	77	81	78	77	88	0
18	86	78	82	95	79	87	3.10
19	84	77	80	82	64	73	.10
20	83	76	80	100	65	82	.40
21	88	73	80	96	75	86	0
22	84	75	80	90	69	80	2.30
23	87	78	82	82	71	76	.20
24	84	76	80	94	71	82	1.00
25	88	75	84	100	71	86	.10
26	90	76	83	84	73	78	.20
27	88	76	82	100	78	88	.80
28	83	72	78	85	66	76	0
29	87	72	80	95	76	86	0
30	86	78	82	87	77	82	0
31	82	77	80	92	75	84	0
Sum	2640.	2341.	2491.	2833.	2251.	2545.	15.10.
Mean	85.2.	75.5.	80.4.	91.4.	72.6.	82.1.	

TOTAL RAINFALL FOR THIS MONTH IN:

19	----------	19	----------
19	----------	19	----------
19	----------	19	----------
19	----------	19	----------
19	----------	19	----------

AIR PRESSURE
(Inches reduced to sea level)

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

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean 80.4
Departure from normal +0.1
Highest 90 Date 26
Lowest 82 Date 31

RAINFALL
(Inches)

Total 15.10
Departure from normal -0.20
Greatest in 24 hours 3.10
Date 18 & 19

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
.10 inch of rain or more 19
Thunderstorms 11
Light fog
Dense fog

Number of hours with rain

4066
Rev. 10-56

PANAMA CANAL COMPANY
ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: Cristobal, C. Z. **Month:** September, 1973

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	85	75	80	100	80		1.10
2	79	74	82	80	72		0
3	86	76	81	92	77		0
4	88	75	82	92	77		0
5	88	77	82	92	76		0
6	88	71	80	84	75		0
7	84	78	81	86	74		0
8	85	76	80	88	74		2.60
9	86	75	80	89	73		.50
10	84	87	86	90	73		1.40
11	85	77	81	90	73		1.60
12	84	75	80	92	74		0
13	85	75	80	83	71		0
14	86	75	80	85	70		.50
15	89	74	82	84	70		.50
16	88	74	81	88	67		.20
17	88	72	80	94	61		.40
18	88	70	79	89	76		0
19	86	76	81	94	84		0
20	86	78	82	95	72		0
21	81	73	77	88	74		0
22	81	77	79	88	73		0
23	85	77	81	88	74		0
24	84	74	77	80	70		0
25	85	78	82	85	75		.60
26	84	75	80	91	74		.30
27	86	77	82	98	74		0
28	83	70	76	92	73		0
29	84	65	74	93	84		.10
30	89	77	83	98	66		0
31							
Sum	2560	2253	2411	2678	2206		9.80
Mean	85.3	75.1	80.4	89.3	73.5		

TOTAL RAINFALL FOR THIS MONTH IN:

1964	9.17	1969	9.73
1965	3.38	1970	21.90
1966	18.06	1971	15.00
1967	11.61	1972	10.90
1968	5.69	1973	9.80

AIR PRESSURE
(Inches reduced to sea level)

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

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean: 80.4
Departure from normal: -0.2
Highest: 89 Date: 30
Lowest: 79 Date: 2

RAINFALL
(Inches)

Total: 9.80
Departure from normal: -2.76
Greatest in 24 hours: 2.60
Date: 8 & 9

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: 12
.01 inch of rain or more: 7
Thunderstorms:
Light fog:
Dense fog:

Number of hours with rain:

4066
Rev. 10-58

PANAMA CANAL COMPANY

ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: Cristobal **Month:** October 73

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	84	77	81	96	76	86	0
2	84	77	81	87	75	81	0
3	83	77	80	96	78	87	5.40
4	82	74	78	100	75	88	0
5	81	75	78	95	77	86	0
6	86	76	81	93	78	86	0
7	86	76	81	87	69	78	0
8	83	65	74	97	77	87	.10
9	85	75	80	92	78	85	0
10	86	65	76	96	78	87	0
11	86	65	76	96	78	87	0
12	87	78	82	91	77	84	.30
13	80	70	75	79	71	75	2.00
14	83	65	74	96	76	86	.70
15	81	70	76	80	73	76	0
16	86	75	80	88	75	82	0
17	86	78	82	100	78	89	0
18	86	77	82	100	78	89	0
19	86	73	80	89	80	84	2.60
20	86	75	80	92	80	86	0
21	87	75	81	96	78	87	0
22	88	75	82	93	78	86	0
23	85	72	78	97	78	88	0
24	83	76	80	95	76	86	0
25	85	75	80	96	78	87	0
26	85	74	80	88	72	80	0
27	89	76	82	100	79	90	0
28	85	75	80	95	72	84	0
29	91	75	83	100	77	88	0
30	87	77	82	95	70	83	0
31	92	78	85	95	74	84	0
Sum	2644	2291	2470	2909	2359	2632	11.10
Mean	85.3	73.9	79.7	93.8	76.1	84.9	

TOTAL RAINFALL FOR THIS MONTH IN:

1964	11.78	1969	11.01
1965	23.70	1970	11.80
1966	14.90	1971	13.00
1967	18.84	1972	21.80
1968	12.90	1973	11.10

AIR PRESSURE
(Inches reduced to sea level)

Bihourly mean –
Departure from normal –
Highest – Date –
Lowest – Date –

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean 79.7
Departure from normal -0.5
Highest 92 Date 31
Lowest 65 Date 10

RAINFALL
(Inches)

Total 11.10
Departure from normal -4.60
Greatest in 24 hours 5.40
Date 2 & 3

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 6
Thunderstorms –
Light fog –
Dense fog –

Number of hours with rain

4066
Rev. 10-58

PANAMA CANAL COMPANY
ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: Cristobal, Canal Zone C **Month:** November 1973

Date	Air Temperature (Deg. F.) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	86	77	82	92	72	82	0
2	84	70	77	92	80	86	0
3	82	76	79	95	76	86	.10
4	82	77	80	92	74	83	---
5	83	76	80	83	70	76	.80
6	78	75	76	98	76	87	.50
7	79	74	76	96	74	85	3.40
8	78	74	76	95	75	85	.90
9	81	75	78	92	73	82	.10
10	79	75	77	100	77	88	.90
11	77	74	76	92	75	84	4.10
12	79	75	77	96	83	89	.40
13	82	72	77	92	78	85	1.20
14	--	--	--	--	--	--	1.00
15	78	74	76	95	74	84	1.70
16	76	73	74	95	75	85	1.20
17	78	73	75	96	80	88	0
18	84	75	80	100	83	92	0
19	84	75	80	91	75	83	0
20	86	75	80	94	78	86	.10
21	84	75	79	96	81	88	0
22	83	76	80	100	79	90	0
23	80	77	78	95	75	85	---
24	82	76	79	100	76	88	---
25	80	75	80	100	76	88	3.30
26	81	75	78	97	76	86	0
27	80	76	78	93	75	84	0
28	82	76	79	100	76	88	0
29	81	75	78	100	76	99	----
30	83	74	78	95	76	86	----
31							
Sum	2352	2170	2263	2762	2214	2487	19.70
Mean	81.1	74.8	78.0	95.2	76.3	85.8	.79

TOTAL RAINFALL FOR THIS MONTH IN:

1963	22.72	1968	13.38
1964	14.36	1969	15.81
1965	25.74	1970	32.21
1966	35.08	1971	14.40
1967	27.65	1972	8.04

AIR PRESSURE
(Inches reduced to sea level)

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

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean 78.0
Departure from normal -1.4
Highest 86 Date 1st
Lowest 70 Date 2nd

RAINFALL
(Inches)

Total 19.70
Departure from normal -2.67
Greatest in 24 hours 4.10
Date 11th

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 15
Thunderstorms --
Light fog --
Dense fog --

Number of hours with rain --

4066
Rev. 10-58

PANAMA CANAL COMPANY
ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

Station: Cristobal **Month:** December

Date	Air Temperature (Deg. C) Max.	Min.	Mean	Relative Humidity (Percent) Max.	Min.	Bihourly mean	Total Rainfall (Inches)
1	27.3	22.8	25.0	93	78	85	.20
2	27.3	22.8	25.0	100	83	91	.10
3	26.7	22.2	24.5	100	76	88	.20
4	28.9	23.4	26.2	100	80	90	0
5	29.5	23.3	26.4	99	75	87	0
6	27.8	23.3	25.6	99	81	90	0
7	27.2	22.8	25.0	95	80	88	.30
8	25.6	27.7	24.2	90	78	84	2.30
9	26.7	21.7	24.5	99	90	94	.10
10	26.7	23.4	25.0	99	91	90	1.70
11	26.7	22.8	24.8	98	88	93	.70
12	26.7	23.3	25.0	99	76	88	0
13	28.3	22.8	25.6	98	84	91	0
14	26.1	21.6	23.8	98	78	88	.10
15	27.2	22.8	25.0	100	78	89	0
16	26.8	22.8	24.8	100	83	91	0
17	26.7	22.8	24.8	100	83	92	0
18	26.2	24.5	25.4	100	91	96	0
19	27.2	25.6	26.4	100	90	95	.10
20	26.8	25.6	26.2	100	92	96	0
21	28.3	21.8	25.0	100	98	89	.10
22	28.9	26.1	27.5	98	73	86	.10
23	28.9	25.0	27.0	87	74	80	0
24	28.3	26.7	27.5	98	85	92	0
25	29.4	26.7	28.0	82	70	76	0
26	29.4	26.7	28.0	87	70	78	0
27	30.0	27.2	28.6	82	68	75	0
28	28.3	25.0	26.6	92	74	83	1.10
29	28.9	25.6	27.2	88	74	81	0
30	28.3	25.6	27.0	100	89	94	.10
31	26.1	23.9	25.0	96	76	86	.70
Sum	857.2	743.3	800.6	2977	2506	2726	7.90
Mean	27.6	24.0	25.8	96	81	88	

TOTAL RAINFALL FOR THIS MONTH IN:

1964	2.03	1969	15.35
1965	7.62	1970	18.65
1966	13.90	1971	1.10
1967	10.44	1972	6.20
1968	3.48	1973	7.90

AIR PRESSURE
(Inches reduced to sea level)

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

AIR TEMPERATURE
(Degrees Fahr.)

Monthly mean 78.4
Departure from normal -1.7
Highest 86.0 Date 27
Lowest 70.9 Date 14

RAINFALL
(Inches)

Total 7.90
Departure from normal -4.02
Greatest in 24 hours 2.30
Date 8

WIND

Average hourly velocity 10.9 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 15
Thunderstorms -
Light fog -
Dense fog -

Number of hours with rain -