4366
Rev. 10-58

# PANAMA CANAL COMPANY

ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

## MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

QC
986
.P2
M66
1975
(Incomp)

**Station:** Cristobal **Month:** January 1975

| Date | Air Temperature (Deg. F.) Max. | Min. | Mean | Relative Humidity (Percent) Max. | Min. | Bihourly mean | Total Rainfall (Inches) |
|---|---|---|---|---|---|---|---|
| 1 | 28.5 | 23.7 | 26.1 | 91 | 46 | 68.5 | 0 |
| 2 | 28.0 | 24.2 | 26.1 | 79 | 57 | 68 | 0 |
| 3 | 28.6 | 23.0 | 25.8 | 89 | 44 | 66.5 | 0 |
| 4 | 28.7 | 26.4 | 27.5 | 49 | 44 | 46.5 | 0 |
| 5 | 28.8 | 25.4 | 27.1 | 65 | 46 | 55.5 | 0 |
| 6 | 28.2 | 26.6 | 27.4 | 59 | 40 | 49.5 | 0 |
| 7 | 28.2 | 25.6 | 26.9 | 50 | 42 | 46 | .1 |
| 8 | 28.2 | 26.3 | 27.2 | 44 | 42 | 43 | 0 |
| 9 | 28.6 | 26.1 | 27.3 | 92 | 73 | 82.5 | 0 |
| 10 | 28.0 | 25.9 | 27.0 | 98 | 80 | 89 | 0 |
| 11 | 28.7 | 25.9 | 27.3 | 98 | 72 | 85 | 0 |
| 12 | 28.6 | 26.6 | 27.6 | 77 | 68 | 72.5 | 0 |
| 13 | 28.0 | 26.5 | 27.2 | 68 | 62 | 65 | 0 |
| 14 | 28.4 | 24.3 | 26.4 | 75 | 61 | 68 | .1 |
| 15 | 28.1 | 25.9 | 27.0 | 70 | 66 | 68 | 0 |
| 16 | 28.4 | 26.2 | 27.3 | 69 | 57 | 63 | 0 |
| 17 | 29.1 | 26.8 | 28.0 | 67 | 60 | 63.5 | 0 |
| 18 | 28.3 | 25.9 | 27.1 | 69 | 61 | 65 | 0 |
| 19 | 28.1 | 25.8 | 26.9 | 92 | 60 | 76 | 0 |
| 20 | 28.0 | 24.6 | 26.3 | 100 | 75 | 87.5 | 0 |
| 21 | 28.7 | 25.8 | 27.2 | 80 | 58 | 69 | 0 |
| 22 | 28.5 | 25.8 | 27.1 | 56 | 52 | 54 | 0 |
| 23 | 28.3 | 25.9 | 27.1 | 56 | 53 | 54.5 | 0 |
| 24 | 28.8 | 25.9 | 27.3 | 63 | 47 | 55 | 0 |
| 25 | 29.2 | 24.2 | 26.7 | 73 | 58 | 66 | 0 |
| 26 | 27.5 | 25.9 | 26.7 | 54 | 53 | 53.5 | 0 |
| 27 | 28.5 | 26.0 | 27.2 | 63 | 49 | 56 | 0 |
| 28 | 29.4 | 26.1 | 27.7 | 63 | 61 | 62 | 0 |
| 29 | 29.4 | 27.0 | 28.2 | 66 | 57 | 61.5 | 0 |
| 30 | 29.3 | 27.1 | 28.2 | 64 | 57 | 60.5 | 0 |
| 31 | 29.3 | 26.3 | 27.8 | 77 | 68 | 72.5 | 0 |
| Sum | 884.4 | 797.7 | 840.7 | 2216 | 1769 | 1993 | .2 |
| Mean | 28.5 | 25.7 | 27.1 | 71.5 | 57.1 | 64.3 | |

**TOTAL RAINFALL FOR THIS MONTH IN:**

| | | | |
|---|---|---|---|
| 1966 | 1.11 | 1971 | 7.39 |
| 1967 | .93 | 1972 | 11.90 |
| 1968 | .21 | 1973 | 3.00 |
| 1969 | 2.54 | 1974 | 0.40 |
| 1970 | 9.21 | 1975 | 0.20 |

**AIR PRESSURE**
**(Inches reduced to sea level)**

Bihourly mean
Departure from normal
Highest Date
Lowest Date

**AIR TEMPERATURE**
**(Degrees ~~Fahr.~~) Cent.**

Monthly mean 27.1
Departure from normal
Highest 29.4 Date 28th, 29th
Lowest 23.0 Date 3rd

**RAINFALL**
**(Inches)**

Total .2
Departure from normal -3.16
Greatest in 24 hours .1
Date 7th, 14th

**WIND**

Average hourly velocity 13.7 mph.
Prevailing direction
Maximum for five minutes 27
mph. from the NNE on the 16th

**SUNSHINE**

Average number hours per day
Percentage of possible

**NUMBER OF DAYS**

Clear
Partly Cloudy
Cloudy
.01 inch of rain or more 2
Thunderstorms
Light fog
Dense fog

Number of hours with rain 2

# National Oceanic and Atmospheric Administration

## Climate Database Modernization Program

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4066
Rev. 10-58

PANAMA CANAL COMPANY
ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

# MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

**Station:** Cristobal **Month:** February, 1975

| Date | Air Temperature (Deg. F.) Max. | Min. | Mean | Relative Humidity (Percent) Max. | Min. | Bihourly mean | Total Rainfall (Inches) |
|---|---|---|---|---|---|---|---|
| 1 | 29.0 | 27.1 | 28.1 | 62 | 55 | 58.5 | 0 |
| 2 | 28.7 | 26.6 | 27.6 | 67 | 56 | 61.5 | .1 |
| 3 | 29.0 | 26.6 | 27.8 | 63 | 53 | 58 | 0 |
| 4 | 28.9 | 26.3 | 27.6 | 75 | 65 | 70 | 0 |
| 5 | 27.2 | 23.1 | 25.1 | 75 | 72 | 72.5 | .7 |
| 6 | 26.2 | 23.9 | 25.0 | 93 | 79 | 86 | 0 |
| 7 | 26.6 | 23.3 | 25.0 | 94 | 72 | 83 | 0 |
| 8 | 27.1 | 23.7 | 25.4 | 88 | 70 | 79 | 0 |
| 9 | 27.2 | 23.4 | 25.3 | 76 | 65 | 70.5 | .1 |
| 10 | 27.6 | 25.0 | 26.3 | 74 | 66 | 70 | 0 |
| 11 | 26.8 | 24.7 | 25.7 | 75 | 64 | 69.5 | 0 |
| 12 | 27.0 | 25.2 | 26.1 | 73 | 70 | 71.5 | 0 |
| 13 | 27.4 | 24.8 | 26.1 | 80 | 68 | 74 | 0 |
| 14 | 27.1 | 25.0 | 26.0 | 71 | 59 | 65 | 0 |
| 15 | 27.0 | 24.2 | 25.6 | 80 | 63 | 71.5 | .1 |
| 16 | 28.2 | 24.9 | 26.6 | 74 | 65 | 69.5 | 0 |
| 17 | 27.4 | 25.4 | 26.4 | 78 | 68 | 73 | 0 |
| 18 | 28.4 | 25.5 | 26.9 | 81 | 69 | 75 | 0 |
| 19 | 27.8 | 24.1 | 25.9 | 89 | 68 | 78.5 | 0 |
| 20 | 28.9 | 25.1 | 27.0 | 74 | 60 | 67 | 0 |
| 21 | 27.4 | 25.0 | 26.2 | 74 | 69 | 71.5 | 0 |
| 22 | 27.3 | 25.0 | 26.2 | 85 | 67 | 76 | 0 |
| 23 | 26.8 | 23.7 | 25.3 | 88 | 72 | 80 | 0 |
| 24 | 27.5 | 23.9 | 25.7 | 89 | 70 | 79.5 | 0 |
| 25 | 28.1 | 25.6 | 26.8 | 76 | 68 | 72 | 0 |
| 26 | 27.6 | 25.4 | 26.5 | 72 | 64 | 68 | 0 |
| 27 | 26.6 | 25.1 | 25.8 | 77 | 73 | 75 | 0 |
| 28 | 28.1 | 25.5 | 26.8 | 79 | 66 | 72.5 | 0 |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| Sum | 772.9 | 697.1 | 734.8 | 2182 | 1856 | 2019 | 1.0 |
| Mean | 27.6 | 24.9 | 26.2 | 780 | 66.3 | 72.1 | |

**TOTAL RAINFALL FOR THIS MONTH IN:**

| | | | |
|---|---|---|---|
| 1966 | .57 | 1971 | 1.66 |
| 1967 | .42 | 1972 | 2.40 |
| 1968 | 1.57 | 1973 | .10 |
| 1969 | 1.02 | 1974 | .50 |
| 1970 | 2.09 | 1975 | 1.00 |

**AIR PRESSURE**
**(Inches reduced to sea level)**

Bihourly mean
Departure from normal
Highest Date
Lowest Date

**AIR TEMPERATURE**
**(Degrees ~~Fahr.~~) Cent.**

Monthly mean 26.2
Departure from normal –
Highest 29.0 Date 1st, 3d
Lowest 23.1 Date 5th

**RAINFALL**
**(Inches)**

Total 1.0
Departure from normal –.52
Greatest in 24 hours .7
Date 5th

**WIND**

Average hourly velocity 14.3 mph.
Prevailing direction –
Maximum for five minutes 25
mph. from the N on the 25th

**SUNSHINE**

Average number hours per day –
Percentage of possible –

**NUMBER OF DAYS**

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

Number of hours with rain 7

4064
Rev. 10-56

# PANAMA CANAL COMPANY

ENGINEERING AND CONSTRUCTION BUREAU

METEOROLOGICAL AND HYDROGRAPHIC BRANCH

## MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

**Station:** Cristobal **Month:** March 1975

| Date | Air Temperature (Deg. F.) Max. | Min. | Mean | Relative Humidity (Percent) Max. | Min. | Bihourly mean | Total Rainfall (Inches) |
|---|---|---|---|---|---|---|---|
| 1 | 27.8 | 24.6 | 26.2 | 86 | 63 | 74.5 | 0 |
| 2 | 26.6 | 24.1 | 25.3 | 81 | 61 | 71.0 | 0 |
| 3 | 26.6 | 23.4 | 25.0 | 80 | 70 | 75 | 0 |
| 4 | 26.3 | 24.4 | 25.3 | 89 | 77 | 83 | .2 |
| 5 | 26.2 | 23.6 | 24.9 | 97 | 83 | 90 | 1.0 |
| 6 | 28.2 | 23.2 | 25.7 | 100 | 70 | 85 | .5 |
| 7 | 27.5 | 25.0 | 26.5 | 79 | 66 | 72.5 | 0 |
| 8 | 27.2 | 24.5 | 25.8 | 82 | 69 | 75.5 | 0 |
| 9 | 28.4 | 25.4 | 26.9 | 85 | 70 | 77.5 | 0 |
| 10 | 27.9 | 25.5 | 26.7 | 81 | 66 | 73.5 | 0 |
| 11 | 27.9 | 25.7 | 26.8 | 83 | 66 | 74.5 | 0 |
| 12 | 28.9 | 25.9 | 27.4 | 84 | 68 | 76 | 0 |
| 13 | 28.7 | 25.7 | 27.2 | 84 | 66 | 75 | 0 |
| 14 | 28.1 | 25.3 | 26.7 | 74 | 68 | 71 | 0 |
| 15 | 28.6 | 25.4 | 27.0 | 74 | 66 | 70 | 0 |
| 16 | 28.5 | 25.6 | 27.0 | 79 | 66 | 72.5 | 0 |
| 17 | 28.3 | 25.8 | 27.0 | 81 | 65 | 73 | 0 |
| 18 | 28.7 | 25.4 | 27.0 | 81 | 70 | 75.5 | 0 |
| 19 | 28.3 | 25.2 | 26.7 | 80 | 67 | 73.5 | 0 |
| 20 | 28.4 | 25.5 | 26.9 | 81 | 65 | 73 | 0 |
| 21 | 28.0 | 25.8 | 26.9 | 78 | 64 | 71 | 0 |
| 22 | 27.5 | 25.3 | 26.4 | 72 | 64 | 69 | 0 |
| 23 | 27.9 | 25.6 | 26.7 | 78 | 69 | 73.5 | 0 |
| 24 | 28.6 | 25.6 | 27.1 | 84 | 71 | 77.5 | 0 |
| 25 | 27.8 | 25.0 | 26.4 | 79 | 76 | 77.5 | .3 |
| 26 | 29.4 | 25.9 | 27.6 | 82 | 71 | 76 | 0 |
| 27 | 28.4 | 25.4 | 26.9 | 84 | 67 | 75.5 | 0 |
| 28 | 28.2 | 25.3 | 26.7 | 80 | 69 | 74.5 | 0 |
| 29 | 27.6 | 25.5 | 26.6 | 81 | 72 | 76.5 | 0 |
| 30 | 27.9 | 25.6 | 26.7 | 78 | 68 | 73 | 0 |
| 31 | 28.6 | 25.8 | 27.2 | 82 | 68 | 75 | 0 |
| Sum | 827 | 780 | 823.2 | 2539 | 2121 | 2329.5 | 2.0 |
| Mean | 28.0 | 25.2 | 26.6 | 81.9 | 68.4 | 75.1 | |

**TOTAL RAINFALL FOR THIS MONTH IN:**

| | | | |
|---|---|---|---|
| 1966 | 2.63 | 1971 | 2.91 |
| 1967 | .52 | 1972 | .60 |
| 1968 | 2.48 | 1973 | .20 |
| 1969 | 2.06 | 1974 | .40 |
| 1970 | 1.72 | 1975 | 2.0 |

**AIR PRESSURE**
**(Inches reduced to sea level)**

Bihourly mean
Departure from normal
Highest Date
Lowest Date

**AIR TEMPERATURE**
**(Degrees Fahr.)**

Monthly mean 26.6
Departure from normal ——
Highest 29.4 Date 26th
Lowest 23.2 Date 6th

**RAINFALL**
**(Inches)**

Total 2.0
Departure from normal ——
Greatest in 24 hours 1.0
Date 5th

**WIND**

Average hourly velocity 14.1 mph.
Prevailing direction NW
Maximum for five minutes 28
mph. from the N on the 27th

**SUNSHINE**

Average number hours per day ——
Percentage of possible ——

**NUMBER OF DAYS**

Clear ——
Partly Cloudy ——
Cloudy ——
.01 inch of rain or more 4
Thunderstorms ——
Light fog ——
Dense fog ——

Number of hours with rain 7

4966
Rev. 10-58

# PANAMA CANAL COMPANY

ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

## MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

**Station:** Cristobal **Month:** April 1975

| Date | Air Temperature (Deg. F.) Max. | Min. | Mean | Relative Humidity (Percent) Max. | Min. | Bihourly mean | Total Rainfall (Inches) |
|---|---|---|---|---|---|---|---|
| 1 | 28.6 | 25.7 | 27.1 | 80 | 68 | 74 | 0 |
| 2 | 27.8 | 25.7 | 26.7 | 84 | 72 | 78 | .1 |
| 3 | 28.6 | 25.5 | 27.0 | 84 | 70 | 77 | 0 |
| 4 | 28.2 | 25.8 | 27.0 | 77 | 70 | 73.5 | 0 |
| 5 | 27.2 | 24.9 | 26.0 | 79 | 69 | 74 | 0 |
| 6 | 28.2 | 25.3 | 26.7 | 75 | 58 | 66 | 0 |
| 7 | 27.2 | 25.0 | 26.1 | 69 | 65 | 67 | 0 |
| 8 | 28.0 | 25.0 | 26.5 | 84 | 70 | 77 | .1 |
| 9 | 27.9 | 26.0 | 26.9 | 85 | 73 | 79 | 0 |
| 10 | 29.1 | 25.8 | 27.4 | 86 | 69 | 77.5 | 0 |
| 11 | 29.1 | 25.7 | 27.4 | 74 | 64 | 69 | 0 |
| 12 | 27.8 | 25.6 | 26.7 | 74 | 65 | 70 | 0 |
| 13 | 27.4 | 25.6 | 26.5 | 76 | 69 | 72.5 | 0 |
| 14 | 28.3 | 25.9 | 27.1 | 79 | 65 | 72 | 0 |
| 15 | 28.4 | 25.6 | 27.0 | 71 | 64 | 67.5 | 0 |
| 16 | 28.2 | 25.3 | 26.8 | 72 | 65 | 68.5 | 0 |
| 17 | 28.5 | 25.5 | 27.0 | 79 | 67 | 73 | 0 |
| 18 | 28.5 | 25.9 | 27.2 | 70 | 67 | 68.5 | 0 |
| 19 | 28.7 | 26.0 | 27.3 | 79 | 65 | 75.5 | 0 |
| 20 | 28.9 | 26.2 | 27.5 | 79 | 67 | 73 | 0 |
| 21 | 28.2 | 25.9 | 27.0 | 79 | 66 | 72.5 | .1 |
| 22 | 29.1 | 25.8 | 27.4 | 71 | 60 | 65.5 | 0 |
| 23 | 28.5 | 24.8 | 26.6 | 75 | 60 | 67.5 | .1 |
| 24 | 28.3 | 25.3 | 26.8 | 70 | 65 | 67.5 | 0 |
| 25 | 29.1 | 25.8 | 27.4 | 82 | 68 | 70 | 0 |
| 26 | 29.4 | 26.0 | 27.7 | 81 | 67 | 74 | 0 |
| 27 | 28.9 | 25.9 | 27.4 | 81 | 69 | 75 | 0 |
| 28 | 28.2 | 25.7 | 26.9 | 76 | 65 | 70.5 | 0 |
| 29 | 27.4 | 23.0 | 25.2 | 86 | 64 | 75 | 0 |
| 30 | 29.1 | 22.6 | 25.8 | 95 | 64 | 79.5 | 0 |
| 31 | | | | | | | |
| Sum | 850.8 | 762.8 | 806.1 | 2352 | 1990 | 2169.5 | .4 |
| Mean | 28.4 | 25.4 | 26.9 | 78 | 66 | 72 | |

**TOTAL RAINFALL FOR THIS MONTH IN:**

| | | | |
|---|---|---|---|
| 1966 | 6.49 | 1971 | .30 |
| 1967 | 2.94 | 1972 | 13.30 |
| 1968 | .53 | 1973 | 2.03 |
| 1969 | 1.21 | 1974 | .80 |
| 1970 | 14.75 | 1975 | .40 |

**AIR PRESSURE**
**(Inches reduced to sea level)**

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

**AIR TEMPERATURE**
**(Degrees ~~Fahr.~~) C**

Monthly mean 26.9
Departure from normal ---
Highest 29.4 Date 26th
Lowest 22.6 Date 30th

**RAINFALL**
**(Inches)**

Total 4
Departure from normal -3.63
Greatest in 24 hours .1
Date 2nd, 8th, 21st, 23rd

**WIND**

Average hourly velocity 14.9 mph.
Prevailing direction ---
Maximum for five minutes 18.4
mph. from the NNW on the 23rd

**SUNSHINE**

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

**NUMBER OF DAYS**

Clear ---
Partly Cloudy ---
Cloudy ---
.01 inch of rain or more 4
Thunderstorms ---
Light fog ---
Dense fog ---

Number of hours with rain 4

4066
Rev. 10-58

# PANAMA CANAL COMPANY

ENGINEERING AND CONSTRUCTION BUREAU
METEOROLOGICAL AND HYDROGRAPHIC BRANCH

## MONTHLY METEOROLOGICAL SUMMARY

75TH MERIDIAN TIME

**Station:** Cristobal **Month:** May 1975

| Date | Air Temperature (Deg. F.) Max. | Min. | Mean | Relative Humidity (Percent) Max. | Min. | Bihourly mean | Total Rainfall (Inches) |
|---|---|---|---|---|---|---|---|
| 1 | 28.4 | 26.0 | 27.2 | 76 | 65 | 70 | 0 |
| 2 | 26.8 | 23.9 | 25.3 | 84 | 76 | 80 | .4 |
| 3 | 28.6 | 24.9 | 26.8 | 84 | 69 | 76 | 0 |
| 4 | 29.1 | 25.9 | 27.5 | 84 | 70 | 77 | 0 |
| 5 | 29.6 | 24.0 | 26.8 | 91 | 66 | 78 | 0 |
| 6 | 29.2 | 24.3 | 26.7 | 86 | 69 | 77 | 0 |
| 7 | 28.6 | 24.8 | 26.7 | 87 | 70 | 78 | 0 |
| 8 | 28.4 | 23.8 | 26.1 | 92 | 73 | 82 | .2 |
| 9 | 28.7 | 24.1 | 26.4 | -- | -- | -- | .70 |
| 10 | 28.4 | 26.5 | 27.4 | -- | -- | -- | 0 |
| 11 | 28.0 | 23.7 | 25.8 | -- | -- | -- | .40 |
| 12 | 28.9 | 26.0 | 27.4 | -- | -- | -- | .10 |
| 13 | 28.0 | 26.5 | 27.2 | 100 | 80 | 90 | 0 |
| 14 | 27.2 | 25.8 | 26.5 | 88 | 78 | 83 | 0 |
| 15 | 25.8 | 24.1 | 25.0 | 97 | 93 | 95 | 0 |
| 16 | 28.9 | 23.2 | 26.0 | 99 | 75 | 87 | .10 |
| 17 | 28.5 | 24.2 | 26.4 | 100 | 77 | 88 | .10 |
| 18 | 29.2 | 26.0 | 27.6 | 82 | 76 | 79 | 0 |
| 19 | 28.4 | 23.6 | 26.0 | 97 | 77 | 87 | .60 |
| 20 | 28.8 | 24.4 | 26.6 | 100 | 76 | 88 | .10 |
| 21 | 29.2 | 26.8 | 28.0 | 85 | 76 | 80 | 0 |
| 22 | 28.8 | 26.9 | 27.8 | 85 | 78 | 82 | .10 |
| 23 | 27.6 | 24.0 | 25.8 | 98 | 77 | 88 | .20 |
| 24 | 30.2 | 24.3 | 27.2 | 97 | 66 | 82 | 0 |
| 25 | 28.6 | 24.4 | 26.5 | 100 | 72 | 86 | 0 |
| 26 | 28.8 | 23.7 | 26.2 | 100 | 76 | 88 | .50 |
| 27 | 26.8 | 24.2 | 25.5 | 99 | 91 | 95 | 0 |
| 28 | 29.2 | 23.8 | 26.5 | 98 | 70 | 84 | 0 |
| 29 | 26.8 | 24.0 | 25.4 | 97 | 83 | 90 | 0 |
| 30 | 29.4 | 24.7 | 27.0 | 100 | 77 | 88 | .5 |
| 31 | 28.5 | 24.6 | 26.6 | 97 | 79 | 88 | .2 |
| Sum | 8842.5 | 7671.5 | 8239.0 | 2503 | 2039 | 2266 | 4.20 |
| Mean | 27.5 | 24.8 | 26.6 | 93 | 75 | 84 | |

**TOTAL RAINFALL FOR THIS MONTH IN:**

| | | | |
|---|---|---|---|
| 1966 | 15.44 | 1971 | 9.97 |
| 1967 | 7.74 | 1972 | 6.90 |
| 1968 | 8.88 | 1973 | 10.10 |
| 1969 | 20.30 | 1974 | 7.80 |
| 1970 | 21.05 | 1975 | 4.20 |

**AIR PRESSURE**
**(Inches reduced to sea level)**

Bihourly mean
Departure from normal
Highest Date
Lowest Date

**AIR TEMPERATURE**
**(Degrees ~~Fahr.~~) C**

Monthly mean 26.6
Departure from normal ---
Highest 30.2 Date 24th
Lowest 23.2 Date 16th

**RAINFALL**
**(Inches)**

Total 4.20
Departure from normal -8.14
Greatest in 24 hours .70
Date 9th

**WIND**

Average hourly velocity 8.9 mph.
Prevailing direction ---
Maximum for five minutes 17.2
mph. from the NW on the 10th

**SUNSHINE**

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

**NUMBER OF DAYS**

Clear ---
Partly Cloudy ---
Cloudy ---
.01 inch of rain or more 14
Thunderstorms ---
Light fog ---
Dense fog ---

Number of hours with rain 27

PANAMA CANAL COMPANY

METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

STATION: CRISTOBAL MONTH: SEPTEMBER 1975

**********

| DAY | MAX TEMP | MIN TEMP | AVG TEMP | MAX R H | MIN R H | AVG R H | DAILY RAIN | DAILY WIND |
|---|---|---|---|---|---|---|---|---|
| 1 | 29.0 | 23.8 | 26.4 | 92 | 72 | 82 | 0.0 | 5.9 |
| 2 | 30.1 | 23.3 | 26.7 | 93 | 62 | 78 | 0.0 | 5.3 |
| 3 | 28.3 | 23.8 | 26.1 | 98 | 78 | 88 | 0.0 | 3.5 |
| 4 | 31.1 | 24.4 | 27.8 | 96 | 80 | 88 | 0.0 | 4.1 |
| 5 | 30.0 | 23.9 | 27.0 | 95 | 67 | 81 | 0.9 | 4.9 |
| 6 | 29.2 | 23.8 | 28.5 | 92 | 53 | 73 | 0.1 | 4.7 |
| 7 | 31.6 | 24.4 | 28.0 | 92 | 57 | 75 | 0.0 | 6.4 |
| 8 | 31.2 | 24.0 | 27.6 | 95 | 75 | 85 | 0.2 | 5.3 |
| 9 | 28.2 | 24.3 | 26.3 | 92 | 73 | 83 | 0.6 | 5.7 |
| 10 | 27.2 | 24.5 | 25.9 | 90 | 83 | 87 | 0.0 | 4.6 |
| 11 | 28.5 | 24.0 | 26.3 | 91 | 74 | 83 | 0.1 | 4.9 |
| 12 | 29.8 | 24.3 | 27.1 | 93 | 65 | 79 | 0.0 | 4.7 |
| 13 | 29.4 | 24.4 | 26.9 | 93 | 72 | 83 | 0.0 | 7.0 |
| 14 | 29.4 | 23.8 | 26.6 | 92 | 73 | 83 | 1.8 | 7.0 |
| 15 | 27.1 | 23.4 | 25.3 | 98 | 74 | 86 | 0.2 | 7.6 |
| 16 | 30.0 | 23.3 | 26.7 | 96 | 91 | 94 | 0.0 | 4.4 |
| 17 | 30.4 | 24.0 | 27.2 | 94 | 59 | 77 | 0.1 | 5.7 |
| 18 | 30.4 | 24.2 | 27.3 | 90 | 63 | 77 | 0.5 | 5.6 |
| 19 | 31.8 | 24.3 | 28.1 | 96 | 58 | 77 | 0.0 | 5.1 |
| 20 | 31.7 | 23.8 | 27.8 | 89 | 57 | 73 | 0.0 | 5.5 |
| 21 | 30.6 | 24.6 | 27.6 | 80 | 64 | 72 | 0.0 | 6.6 |
| 22 | 31.7 | 24.7 | 28.2 | 85 | 52 | 69 | 0.0 | 5.3 |
| 23 | 27.3 | 24.1 | 25.7 | 94 | 78 | 86 | 0.3 | 3.2 |
| 24 | 28.7 | 24.2 | 26.5 | 88 | 74 | 81 | 0.1 | 4.8 |
| 25 | 27.7 | 23.1 | 25.4 | 85 | 74 | 80 | 0.4 | 7.0 |
| 26 | 27.1 | 22.2 | 24.7 | 100 | 78 | 89 | 4.3 | 4.7 |
| 27 | 28.6 | 23.7 | 26.2 | 96 | 76 | 86 | 1.3 | 4.4 |
| 28 | 28.7 | 23.8 | 26.3 | 93 | 74 | 84 | 0.1 | 4.8 |
| 29 | 28.5 | 24.4 | 26.5 | 95 | 72 | 84 | 0.2 | 5.6 |
| 30 | 30.0 | 24.6 | 27.3 | 97 | 68 | 83 | 0.0 | 7.2 |
| | | | | | | | | AVG HOURLY WIND |
| MONTH MEANS | 29.6 | 24.0 | 26.8 | 93 | 70 | 81 | 11.2 | 5.4 |

**********

DEPARTURES FROM AVERAGE

AIR TEMPERATURE (CENT.)

| 69 YR AVG | * 1975 | * DEPARTURE |
|---|---|---|
| 27.0 | 26.8 | -0.2 |

RAINFALL (INCHES)

| 105 YR AVG | * 1975 | * DEPARTURE |
|---|---|---|
| 12.5 | 11.2 | -1.3 |

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PANAMA CANAL COMPANY

METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

STATION: CRISTOBAL MONTH: DECEMBER 1975

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| DAY | MAX TEMP | MIN TEMP | AVG TEMP | MAX R H | MIN R H | AVG R H | DAILY RAIN | DAILY WIND |
|---|---|---|---|---|---|---|---|---|
| 1 | 29.2 | 25.1 | 27.2 | 78 | 63 | 71 | 0.0 | 11.0 |
| 2 | 27.4 | 21.3 | 24.4 | 90 | 72 | 81 | 0.4 | 7.3 |
| 3 | 26.9 | 22.5 | 24.7 | 95 | 73 | 84 | 0.4 | 5.6 |
| 4 | 28.3 | 22.9 | 25.6 | 98 | 71 | 85 | 0.1 | 7.9 |
| 5 | 27.1 | 22.8 | 25.0 | 100 | 77 | 89 | 2.5 | 7.5 |
| 6 | 25.1 | 22.7 | 23.9 | 100 | 88 | 94 | 1.7 | 7.0 |
| 7 | 26.6 | 22.9 | 24.8 | 95 | 80 | 88 | 0.5 | 6.0 |
| 8 | 27.9 | 22.3 | 25.1 | 96 | 70 | 83 | 1.1 | 4.3 |
| 9 | 24.9 | 21.8 | 23.4 | 96 | 89 | 93 | 4.0 | 6.3 |
| 10 | 25.6 | 22.8 | 24.2 | 98 | 76 | 87 | 0.7 | 11.4 |
| 11 | 25. | 22.3 | 23.7 | 99 | 87 | 93 | 4.7 | 14.6 |
| 12 | 29.0 | 23.7 | 26.4 | 96 | 75 | 86 | 0.2 | 10.0 |
| 13 | 28.5 | 25.5 | 27.0 | 91 | 73 | 82 | 0.0 | 11.3 |
| 14 | 29.8 | 26.0 | 27.9 | 81 | 62 | 72 | 0.1 | 13.3 |
| 15 | 27.5 | 23.6 | 25.6 | 91 | 65 | 78 | 0.4 | 15.4 |
| 16 | 28.3 | 25.5 | 26.9 | 74 | 65 | 70 | 0.0 | 14.5 |
| 17 | 28.2 | 25.3 | 26.8 | 72 | 63 | 68 | 0.0 | 15.1 |
| 18 | 28.1 | 23.2 | 25.7 | 90 | 72 | 81 | 0.9 | 11.0 |
| 19 | 28.7 | 23.4 | 26.1 | 84 | 66 | 75 | 0.4 | 11.4 |
| 20 | 26.2 | 22.8 | 24.5 | 87 | 71 | 79 | 0.3 | 16.3 |
| 21 | 25.7 | 22.5 | 24.1 | 89 | 85 | 87 | 0.1 | 14.9 |
| 22 | 26.0 | 22.8 | 24.4 | 87 | 68 | 78 | 0.1 | 15.0 |
| 23 | 27.1 | 23.8 | 25.5 | 74 | 62 | 68 | 0.0 | 15.2 |
| 24 | 26.4 | 24.9 | 25.7 | 67 | 62 | 65 | 0.0 | 16.4 |
| 25 | 26.5 | 22.1 | 24.3 | 94 | 75 | 85 | 0.0 | 7.8 |
| 26 | 26.9 | 21.9 | 24.4 | 96 | 64 | 80 | 0.0 | 8.8 |
| 27 | 26.8 | 22.4 | 24.6 | 89 | 78 | 84 | 1.4 | 8.8 |
| 28 | 27.8 | 23.0 | 25.4 | 92 | 66 | 79 | 0.4 | 12.7 |
| 29 | 28.4 | 23.0 | 25.7 | 92 | 53 | 73 | 0.0 | 12.7 |
| 30 | 27.5 | 23.7 | 25.6 | 85 | 70 | 78 | 0.0 | 8.3 |
| 31 | 28.6 | 24.4 | 26.5 | 86 | 56 | 71 | 0.0 | 9.6 |
| | | | | | | | | AVG HOURLY WIND |
| MONTH MEANS | 27.3 | 23.3 | 25.3 | 89 | 71 | 80 | 20.4 | 10.9 |

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DEPARTURES FROM AVERAGE

AIR TEMPERATURE (CENT.)

| 69 YR AVG | * 1975 | * DEPARTURE |
|---|---|---|
| 26.7 | 25.3 | -1.4 |

RAINFALL (INCHES)

| 105 YR AVG | * 1975 | * DEPARTURE |
|---|---|---|
| 11.9 | 20.4 | 8.5 |

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