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(Incomp)

PANAMA CANAL COMPANY

METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

STATION: MADDEN DAM MONTH: SEPTEMBER 1975

DAY	MAX TEMP	MIN TEMP	AVG TEMP	MAX R H	MIN R H	AVG R H	DAILY RAIN	DAILY WIND
1	31.1	22.0	26.6	84	64	74	0.6	1.6
2	31.0	22.3	26.7	93	61	77	2.2	1.8
3	27.9	22.6	25.3	91	77	84	0.0	2.9
4	28.4	21.9	25.2	93	82	88	0.0	2.2
5	29.2	23.2	26.2	93	68	81	1.1	1.8
6	30.0	22.7	26.4	93	62	78	0.0	2.0
7	28.4	23.6	26.0	91	68	80	0.0	3.5
8	30.1	22.6	26.4	94	62	78	0.0	2.3
9	32.3	23.7	28.0	92	54	73	0.4	1.8
10	27.8	23.7	25.8	94	81	88	0.0	0.8
11	31.0	23.1	27.1	94	59	77	0.3	1.3
12	28.9	23.7	26.3	90	66	78	0.0	3.0
13	32.6	23.2	27.9	93	58	76	0.8	1.9
14	31.9	23.0	27.5	89	60	75	1.6	2.0
15	27.8	22.8	25.3	90	75	83	0.5	1.6
16	30.6	22.4	26.5	89	62	76	0.1	2.2
17	31.5	22.8	27.2	93	54	74	0.1	2.0
18	30.2	23.1	26.7	94	58	76	0.0	2.7
19	31.0	22.3	26.7	93	63	78	0.1	2.7
20	30.1	22.0	26.1	94	58	76	0.0	3.2
21	27.1	23.7	25.4	87	81	84	0.3	3.8
22	30.2	23.9	27.1	82	58	70	0.0	4.1
23	31.5	22.7	27.1	90	58	74	0.0	2.2
24	30.4	22.8	26.6	93	65	79	0.9	1.5
25	28.2	23.2	25.7	93	69	81	0.0	2.4
26	29.4	23.2	26.3	93	64	79	0.0	1.0
27	30.1	23.4	26.8	92	66	79	0.1	1.7
28	29.8	22.7	26.3	88	62	75	0.0	1.7
29	30.2	23.2	26.7	93	60	77	0.2	1.7
30	33.7	22.7	28.2	90	48	69	1.0	1.8
								AVG HOURLY WIND
MONTH MEANS	30.1	22.9	26.5	91	64	78	10.3	2.2

DEPARTURES FROM AVERAGE

AIR TEMPERATURE (CENT.)			RAINFALL (INCHES)		
64 YR AVG	* 1975	* DEPARTURE	77 YR AVG	* 1975	* DEPARTURE
25.6	26.5	0.9	11.4	10.3	-1.1

National Oceanic and Atmospheric Administration

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PANAMA CANAL COMPANY

METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

STATION: MADDEN DAM MONTH: OCTOBER 1975

DAY	MAX TEMP	MIN TEMP	MEAN TEMP	MAX R H	MIN R H	MEAN R H	DAILY RAIN	DAILY WIND
1	33.7	22.7	28.2	90	48	69	0.9	1.8
2	32.9	23.5	28.2	91	56	74	0.9	1.7
3	30.1	22.2	26.2	93	70	82	0.0	1.3
4	28.4	22.8	25.6	92	67	80	1.7	1.3
5	31.0	22.5	26.8	92	65	79	0.1	0.6
6	30.8	23.2	27.0	94	66	80	0.0	0.6
7	30.6	23.9	27.3	95	66	81	1.3	0.7
8	28.7	23.7	26.2	93	72	83	0.1	0.7
9	31.0	23.7	27.4	90	59	75	0.1	1.1
10	29.6	23.0	26.3	94	70	82	0.0	0.7
11	30.1	23.2	26.7	93	65	79	0.9	1.0
12	30.3	22.0	26.2	95	61	78	2.2	1.1
13	29.5	22.7	26.1	91	63	77	0.1	1.5
14	29.4	22.7	26.1	90	68	79	0.2	0.9
15	30.3	22.9	26.6	89	61	75	0.4	1.0
16	29.7	23.2	26.5	90	60	75	0.2	3.0
17	30.2	22.2	26.2	93	60	77	0.0	2.6
18	29.8	23.2	26.5	91	58	75	0.0	4.3
19	30.2	22.8	26.5	89	58	74	0.9	3.5
20	30.7	22.6	26.7	90	60	75	0.2	1.2
21	27.0	23.2	25.1	90	77	84	0.1	1.7
22	29.6	23.8	26.7	90	64	77	1.6	1.9
23	29.6	22.7	26.2	90	64	77	0.4	1.1
24	31.0	22.7	26.9	88	59	74	0.0	1.8
25	31.0	22.8	26.9	93	68	81	1.3	2.3
26	26.2	22.6	24.4	91	80	86	0.2	1.4
27	29.0	21.8	25.4	96	57	77	0.5	2.2
28	29.4	22.2	25.8	94	55	75	0.2	3.6
29	28.6	22.5	25.6	94	61	78	0.9	2.3
30	27.9	22.8	25.4	93	68	81	0.7	1.9
31	28.7	22.6	25.7	94	67	81	2.6	1.5
								AVG HOURLY WIND
MONTH MEANS	29.9	22.9	26.3	92	64	78	18.7	1.7

DEPARTURES FROM AVERAGE

AIR TEMPERATURE (CENT.)

62 YR AVG	1975	DEPARTURE
26.8	26.3	-0.4

RAINFALL (INCHES)

77 YR AVG	1975	DEPARTURE
13.9	18.7	4.8

PANAMA CANAL COMPANY

METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

STATION: MADDEN DAM MONTH: NOVEMBER 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	30.2	21.5	25.9	100	62	81	0.3	1.3
2	29.4	21.5	25.5	100	65	83	0.4	1.3
3	32.5	22.3	27.4	90	55	73	0.0	1.3
4	29.1	22.8	26.0	82	66	74	0.0	2.2
5	31.5	23.9	27.7	88	61	75	0.6	1.8
6	30.9	23.6	27.3	92	61	77	0.2	1.2
7	26.2	22.8	24.5	92	77	85	0.0	1.6
8	29.5	22.6	26.1	93	57	75	0.0	3.7
9	29.4	23.5	26.5	83	63	73	0.0	4.0
10	31.0	22.8	26.9	93	59	76	0.7	2.0
11	28.3	23.2	25.8	93	69	81	2.1	1.1
12	28.7	22.4	25.6	92	67	80	0.1	1.4
13	27.9	22.2	25.1	87	73	80	0.0	2.8
14	29.9	23.2	26.6	87	57	72	0.0	2.9
15	30.6	22.9	26.8	90	57	74	1.2	1.7
16	29.4	22.1	25.8	87	64	76	0.4	1.8
17	26.5	22.4	24.5	89	74	82	0.3	1.2
18	27.9	22.1	25.0	91	61	76	1.0	2.8
19	30.6	23.1	26.9	80	60	70	0.1	1.8
20	30.5	23.7	27.1	90	64	77	0.0	1.4
21	31.0	23.9	27.5	89	59	74	1.2	1.9
22	29.8	22.7	26.3	93	63	78	0.1	1.9
23	30.7	23.7	27.2	85	56	71	0.5	1.4
24	24.9	23.5	24.2	97	84	91	0.3	1.0
25	29.8	23.1	26.5	90	65	78	0.0	1.8
26	28.1	23.0	25.6	92	65	79	0.1	3.3
27	30.7	22.7	26.7	90	53	72	0.0	4.7
28	30.2	23.2	26.7	97	60	79	0.0	5.1
29	30.8	23.9	27.4	95	65	80	0.0	3.2
30	30.7	22.4	26.6	87	53	70	0.1	3.9
MONTH MEANS	29.6	22.9	26.2	90	63	77	9.7	AVG HOURLY WIND 2.3

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DEPARTURES FROM AVERAGE

AIR TEMPERATURE (CENT.)

63 YR AVG	* 1975	* DEPARTURE
25.8	26.2	0.4

RAINFALL (INCHES)

77 YR AVG	* 1975	* DEPARTURE
13.5	9.7	-3.8

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PANAMA CANAL COMPANY

METEOROLOGICAL AND HYDROGRAPHIC BRANCH

MONTHLY METEOROLOGICAL SUMMARY

STATION: MADDEN DAM MONTH: DECEMBER 1975

DAY	MAX TEMP	MIN TEMP	AVG TEMP	MAX R H	MIN R H	AVG R H	DAILY RAIN	DAILY WIND
1	29.3	22.0	25.7	100	53	77	0.0	4.1
2	29.4	20.8	25.1	100	68	84	0.0	2.0
3	26.5	21.5	24.0	95	71	83	0.4	1.6
4	31.5	21.5	26.5	100	53	77	0.2	1.7
5	29.4	22.3	25.9	82	67	75	1.0	1.8
6	25.4	22.7	24.1	90	82	86	0.4	1.8
7	28.7	22.8	25.8	87	61	74	1.5	1.7
8	27.9	22.4	25.2	89	66	78	0.2	2.1
9	23.1	22.1	22.6	91	88	90	1.7	1.2
10	28.7	22.6	25.7	90	67	79	0.5	2.1
11	26.4	22.4	24.4	92	79	86	0.5	1.9
12	30.7	23.2	27.0	96	56	76	0.1	4.0
13	27.9	23.7	25.8	85	77	81	0.1	4.0
14	29.6	25.5	27.6	81	57	69	0.0	7.8
15	28.1	23.2	25.7	88	60	74	0.4	6.8
16	29.2	22.9	26.1	90	56	73	0.0	6.4
17	29.4	21.8	25.6	87	49	68	0.0	5.5
18	28.7	21.5	25.1	91	56	74	0.0	6.8
19	28.9	22.5	25.7	89	49	69	0.0	5.5
20	27.9	21.5	24.7	91	57	74	0.1	4.3
21	28.7	22.3	25.5	82	61	72	0.2	3.4
22	27.7	22.4	25.1	84	51	68	0.0	5.0
23	28.0	21.0	24.5	91	53	72	0.2	4.2
24	28.6	20.1	24.4	86	55	71	0.1	2.8
25	29.4	19.9	24.7	100	57	79	0.0	2.4
26	29.4	19.5	24.5	90	50	70	0.0	3.6
27	26.5	21.5	24.0	94	68	81	0.0	3.6
28	27.9	22.4	25.2	90	56	73	0.1	4.8
29	29.3	20.4	24.9	80	47	64	0.0	5.4
30	28.7	18.8	23.8	100	50	75	0.0	3.0
31	28.7	21.2	25.0	88	46	67	0.0	4.8
								AVG HOURLY WIND
MONTH MEANS	28.4	21.9	25.1	90	60	75	7.7	3.7

DEPARTURES FROM AVERAGE

AIR TEMPERATURE (CENT.)			RAINFALL (INCHES)		
63 YR AVG	1975	DEPARTURE	77 YR AVG	1975	DEPARTURE
25.7	25.1	-0.6	5.6	7.7	2.1