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WATER AND POWER DEVELOPMENT AUTHORITY
WATER AND SOILS INVESTIGATION DIVISION
SURFACE WATER HYDROLOGY PROJECT.

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1972 ANNUAL REPORT OF RIVER AND CLIMATOLOGICAL DATA OF PAKISTAN

VOL. III

PRECIPITATION, EVAPORATION, TEMPERATURES
RELATIVE HUMIDITY, SOLAR RADIATION AND
WIND MOVEMENT DATA

PREPARED BY SURFACE WATER HYDROLOGY PROJECT
WASID, WAPDA, LAHORE

78 0690

National Oceanic and Atmospheric Administration

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INTRODUCTION

Organisation

The Surface Water Circle was created by WAPDA with effect from Ist July 1960 with the responsibility of collecting surface water data required for WAPDA Projects and General Investigations. The Mangla Hydrometeorological Division was used as a nucleus and various project hydrologic activities were included. The circle was designated as Surface Water Hydrology Project in June 1966.

Purpose and scope of report

The purpose of this report is to present the data collected by the Surface Water Hydrology Project in 1972, its thirteenth year of operation. This is the thirteenth in a series of annual reports to be published. The report is being published in three volumes. In this volume of the report observations taken at climatological stations by the Surface Water Hydrology Project are documented. The data in this volume include rainfall, evaporation, air temperatures, dew point temperatures, relative humidities, wind movement and solar radiation.

Maps on pages 7 to 14 show the climatologic stations that have been operated and for which data are published. Only stations that are operated by the Surface Water Hydrology Project or those for which records are published intthis report are shown on the maps.

The data given herein were collected and computed by the best methods available and are considered to be accurate enough for general use. All field data and computations by the Surface Water Hydrology Project are on record in Lahore and open to inspection.

DEFINITION OF TERMS AND ABBREVIATIONS

Precipitation

It is the discharge of water, in liquid or solid state, out of the atmosphere, generally upon a land or water surface. It is expressed as the depth to which it would cover a horizontal projection of the earth's surface if there is no loss by evaporation or runoff. Precipitation is measured in inches of depth of water that has fallen at a particular location during a given time interval.

Evaporation

It is the process by which water is changed from the liquid or the solid state into the vapour state. Evaporation is measured as depth of water in inches that has vaporized during a given period of time from a free water surface under certain standard conditions.

Relative Humidity

It is the percentage ratio of the actual vapour pressure to the saturation vapour pressure at the observed temperature.

Dew point

It is the temperature to which the air must be cooled at constant pressure, with constant water-vapour content in order to reach saturation with respect to water.

Wet-bulb Temperature

It is the lowest temperature to which the air can be cooled at constant pressure by evaporating water into the air (until saturation is reached).

Wind Movement

Wind movement is given in miles per day and is the total movement of air past a point during 24 hours regardless of the direction.

Wind Intensity

Wind intensity is shown as duration in hours for which the wind travels at speeds falling between two successive values of wind intensity, the duration being shown below the higher value.

Temperature

Maximum and minimum temperatures for air and water are measured in degrees Fahrenhiet for the past 24 hours.

Solar Radiation

Solar radiation is measured in langley's per day. One langley is equivalent to one gram-calorie per square centimeter.

EXPLANATION OF DATA

CLIMATOLOGICAL DATA

The Surface Water Hydrology Project collects weather records to supplement those of the Meteorological Services where additional data are needed for WAPDA Projects or investigations. The equipment and methods used are generally the same as approved by World Meteorological Organisation.

Rainfall

Rainfall is measured by either manual or automatic recording rain gauges. The manual gauges are standard Meteorological Service gauges with 5" openings.

Rainfall depth is read to 0.01 inch in both of these gauges. The automatic gauges, which give a continuous record of the time distribution of the rainfall are either the automatic syphon type or the weighing type. A manual gauge is read in conjunction with each automatic gauge as a check on the total rainfall.

Daily rainfall shown in this volume, are the total rainfall for 24 hours previous to 0800 hours of the day on which the figure is shown. A dash indicates that no rainfall occurred. Where no record was obtained the space has been left blank. The monthly total rainfall are given at the bottom of the page.

Evaporation

Evaporation is measured by use of a U.S. Weather Bureau Class "A" evaporation pan, 48 inches in diameter, located on a standard base. Change in Water Level during the previous 24 hours is measured at 0800 hours daily either volumetrically or by use of an adjustable hook gauge. A rain gauge is read at each evaporation pan site to determine appropriate corrections for rainfall. The tables given herein show daily evaporations and monthly figures.

Temperatures

Maximum and minimum temperatures for air and pan water are measured in degrees fahrenheit on maximum and minimum indicating thermometers housed in standard shelter for air and in the evaporation pan for water. Readings are taken at 0800 hours and thus the maximum temperatures noted are generally that for the previous day. The tables given herein list daily maximum and minimum temperatures, average monthly figures and the absolute maximum and minimum temperatures for the year.

Relative Humidity

Wet and dry bulb temperatures are observed daily at 0800 and 1700 hours in degrees fahrenheit. The wet and dry bulb thermometers are housed in shelters along-

EXPLANATION OF DATA

with the maximum and minimum thermometers. The relative humidities have been computed from these temperatures, using Hydrometric Tables published by Pakistan Meteorological Department and are shown at above mentioned times for each day.

Dew-point temperature The dew-point temperatures are computed from wet and dry bulb temperatures observed twice a day at 0800 and 1700 hours using Hydrometric Tables published by Pakistan Meteorological Department and shown at above mentioned times for each day.

Wind Wind Movement is determined in miles per day at 0800 hours daily for the preceding 24 hours. The figures given in the tables represent total movement irrespective of direction. It should be noted that the anemometer is located six inches above the rim of the evaporation pan at the climatological stations and hence may not show wind movement representative of the area. On some of the stations, recording anemometers have been installed to find the intensity of wind and these are quite high from the ground to give wind movement representative of the area.

Solar radiation

Solar radiation is calculated in Langley's per day from midnight to midnight. One langley is equivalent to one gram calorie per square centimeter. The instrument used for the purpose is Pyreheliometer of U.S. Weather Bureau.

Presentation of Climatological Data

The data presented herein for each climatological station include a station description and tables of daily maximum and minimum air and pan water temperatures, relative humidities and dew point temperatures at 0800 and 1700 hours, wind movement, evaporation, solar radiation and rainfall for twelve calendar months. Average monthly figures for maximum and minimum air and pan water temperatures and wind movement are shown at the end of each table if the data for the whole month is available. Total monthly figures for evaporation and rainfall are also given at the end of each page.

The description of each climatological station gives location, elevation above mean sea level, records available, instruments installed at the station during the year, yearly

EXPLANATION OF DATA

figures of precipitation, evaporation and absolute maximum and minimum air temperatures during the year. Under "Period of record" are listed, first those records obtained by Surface Water Hydrology Project and then known records obtained by other agencies. Under "Remarks", the method of computing annual figures and the explanation of the data is given.

The data collected at the wind recording stations is shown as the duration in hour for which the wind was within the two successive given intensities. The 24 hours wind movement from 0800 hours of previous day to 0800 hours of the day is also shown.

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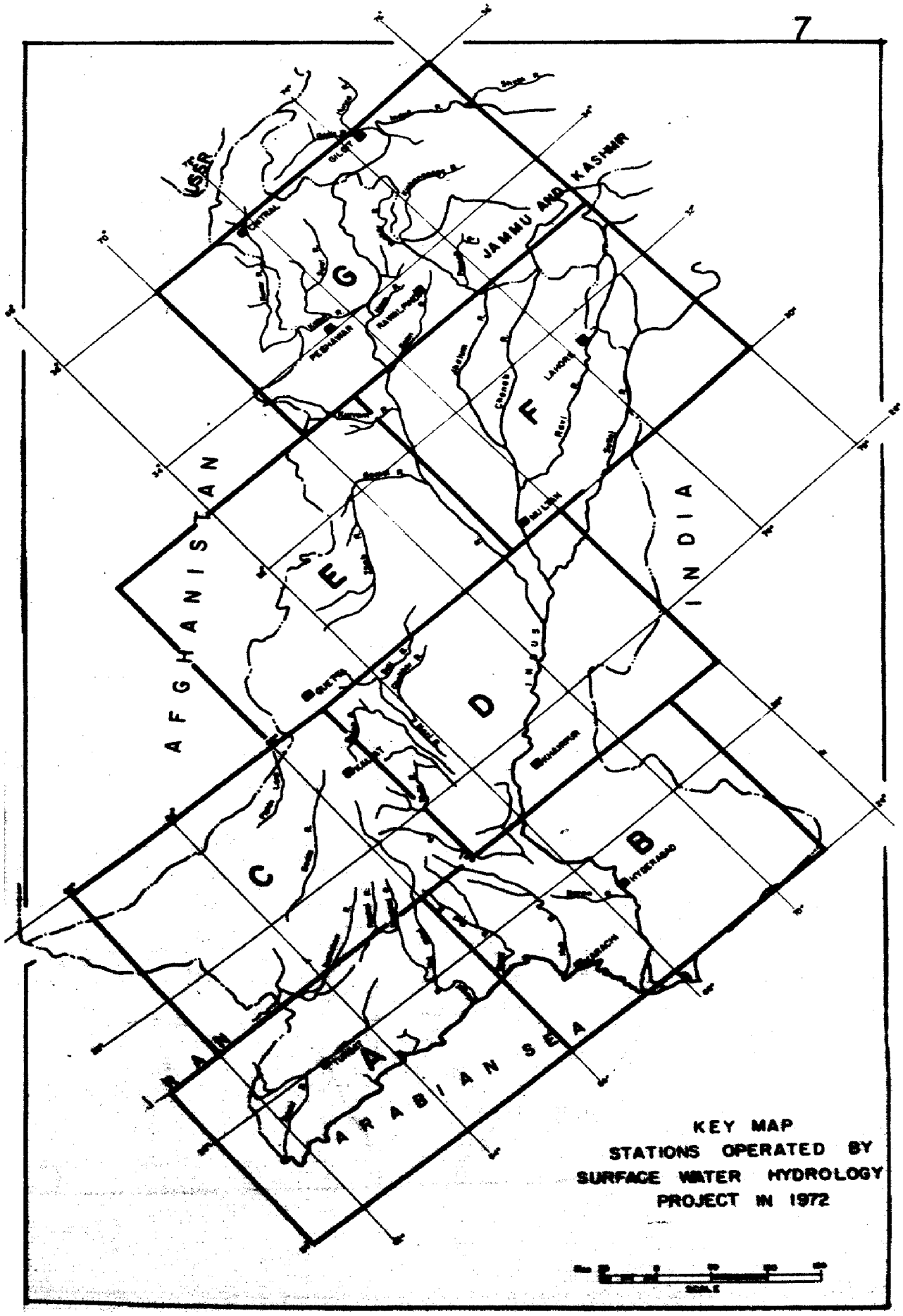
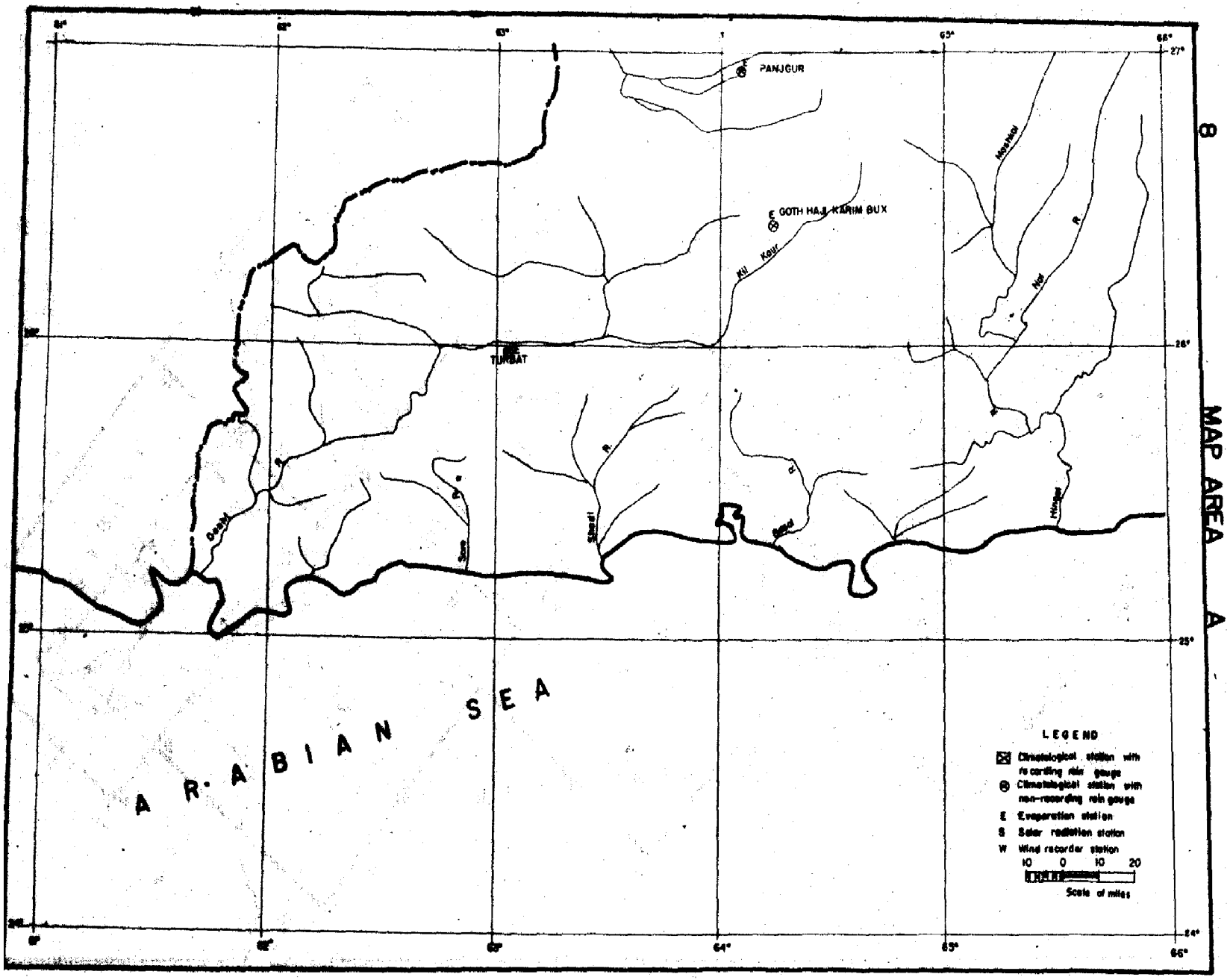
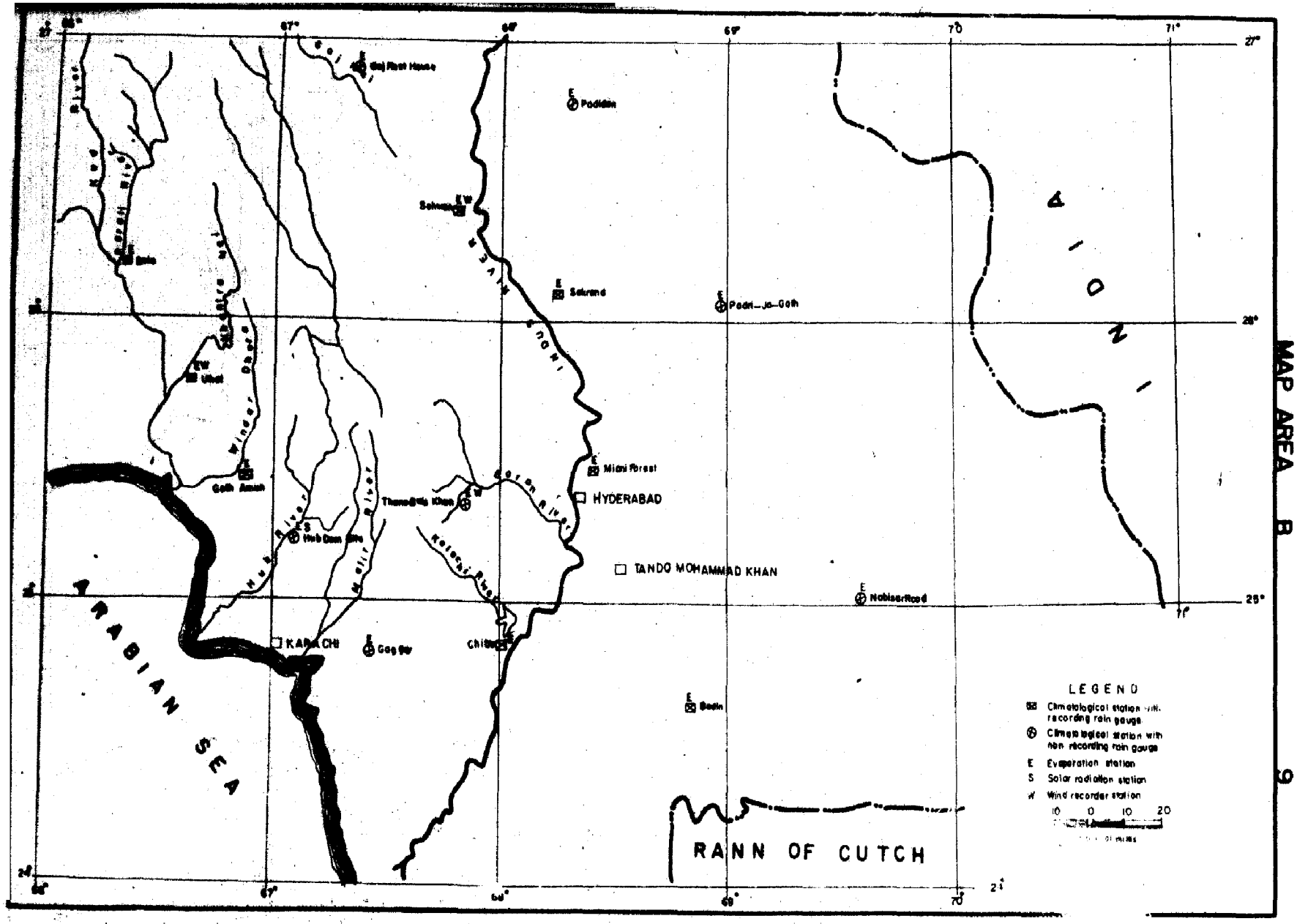


KEY MAP
STATIONS OPERATED BY
SURFACE WATER HYDROLOGY
PROJECT IN 1972


PANJGUR
GOTH HAJI KARIM BUX
TURBAT
Kil Kour
Mashkai
Nal R.
Hingol
Shedi R.
Sore R.
Dashi R.
ARABIAN SEA
LEGEND
Climatological station with recording rain gauge
Climatological station with non-recording rain gauge
E Evaporation station
S Solar radiation station
W Wind recorder station
10 0 10 20
Scale of miles
27°
26°
25°
24°
64°
65°
66°

MAP AREA A

8

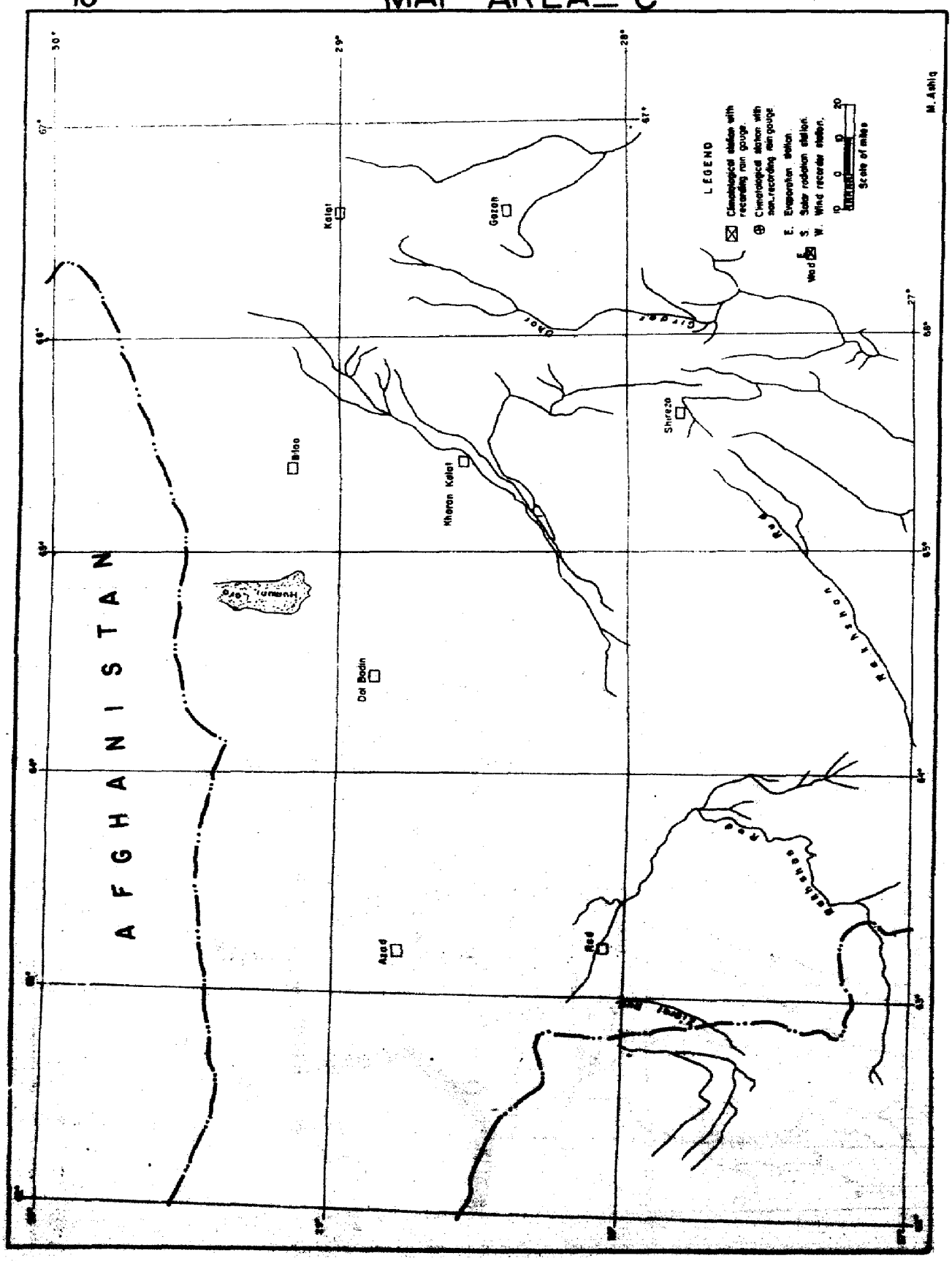


INDIA
ARABIAN SEA
RANN OF CUTCH
HYDERABAD
TANDO MOHAMMAD KHAN
KARACHI
Padidan
Sakrand
Padri-Jo-Goth
Miani Forest
Nabisarkad
Badin
Goth Amuh
Hub Dam Site
Thanedwis Khan
Gaj Rest House
Kud River
Windar Dhora
Hub River
Malir River
Kalachi River
Goran River
INDUS RIVER
LEGEND
Climatological station with recording rain gauge
Climatological station with non recording rain gauge
E Evaporation station
S Solar radiation station
W Wind recorder station
10 0 10 20

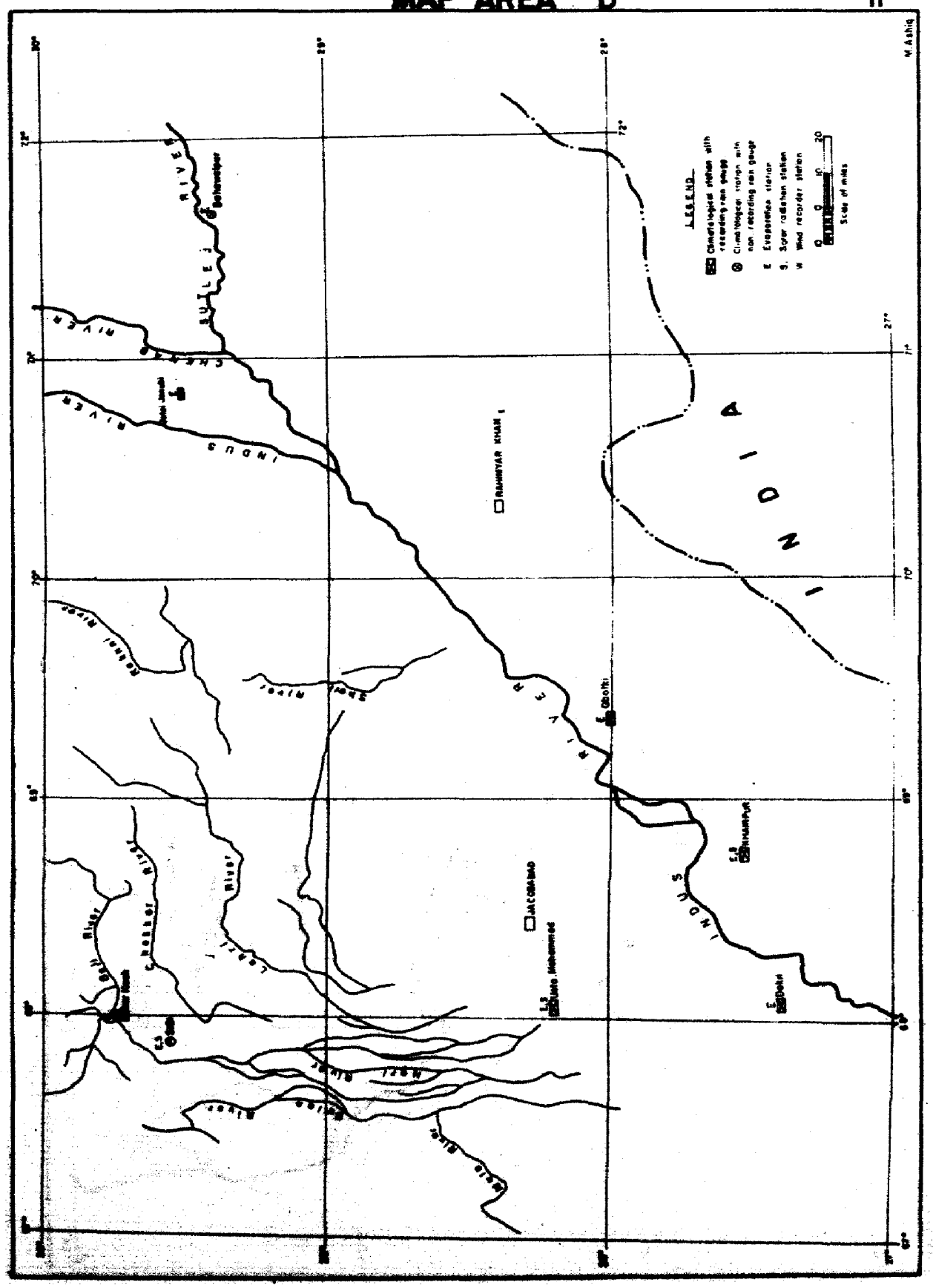
MAP AREA B

9

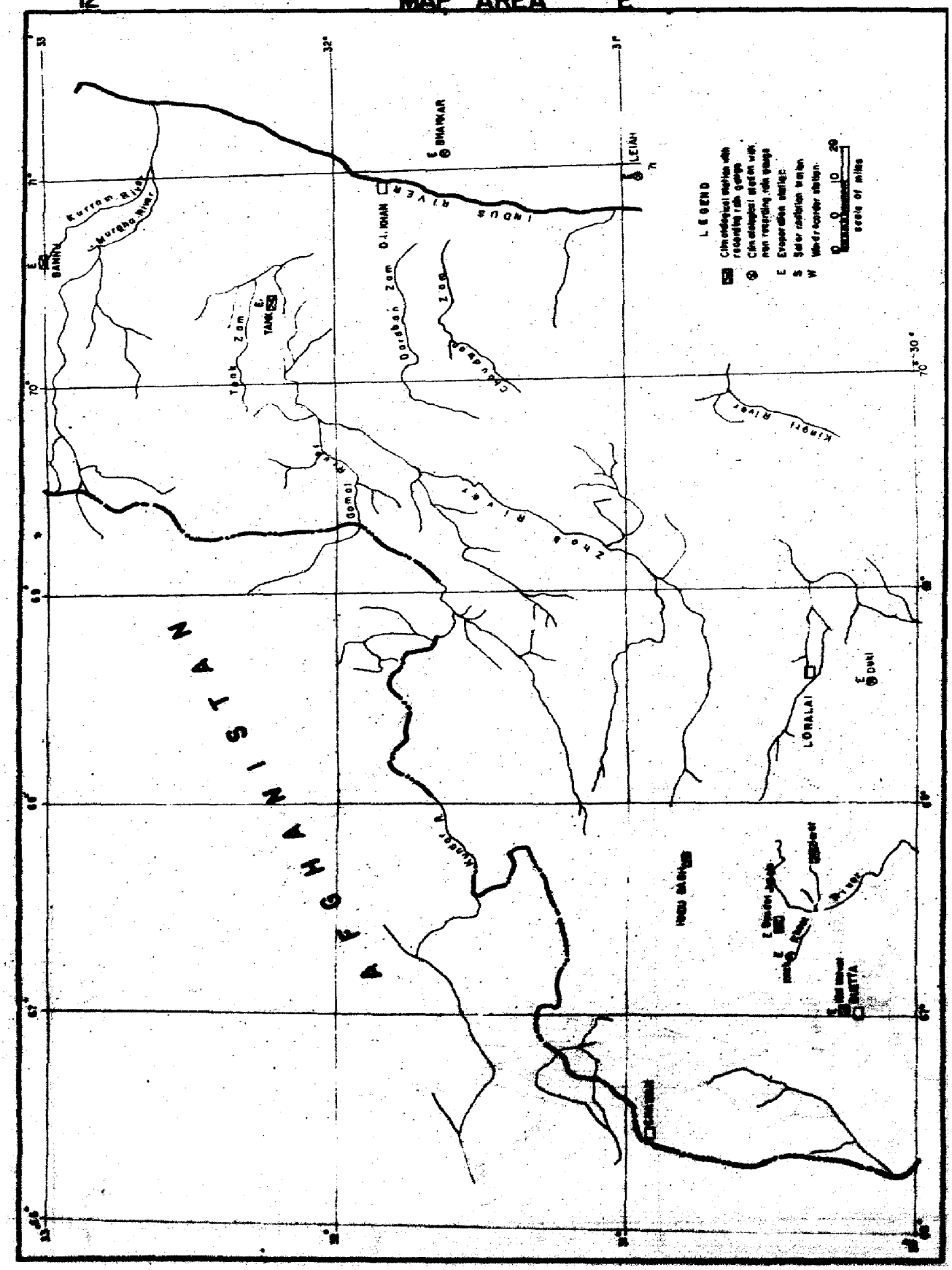
MAP AREA_ C

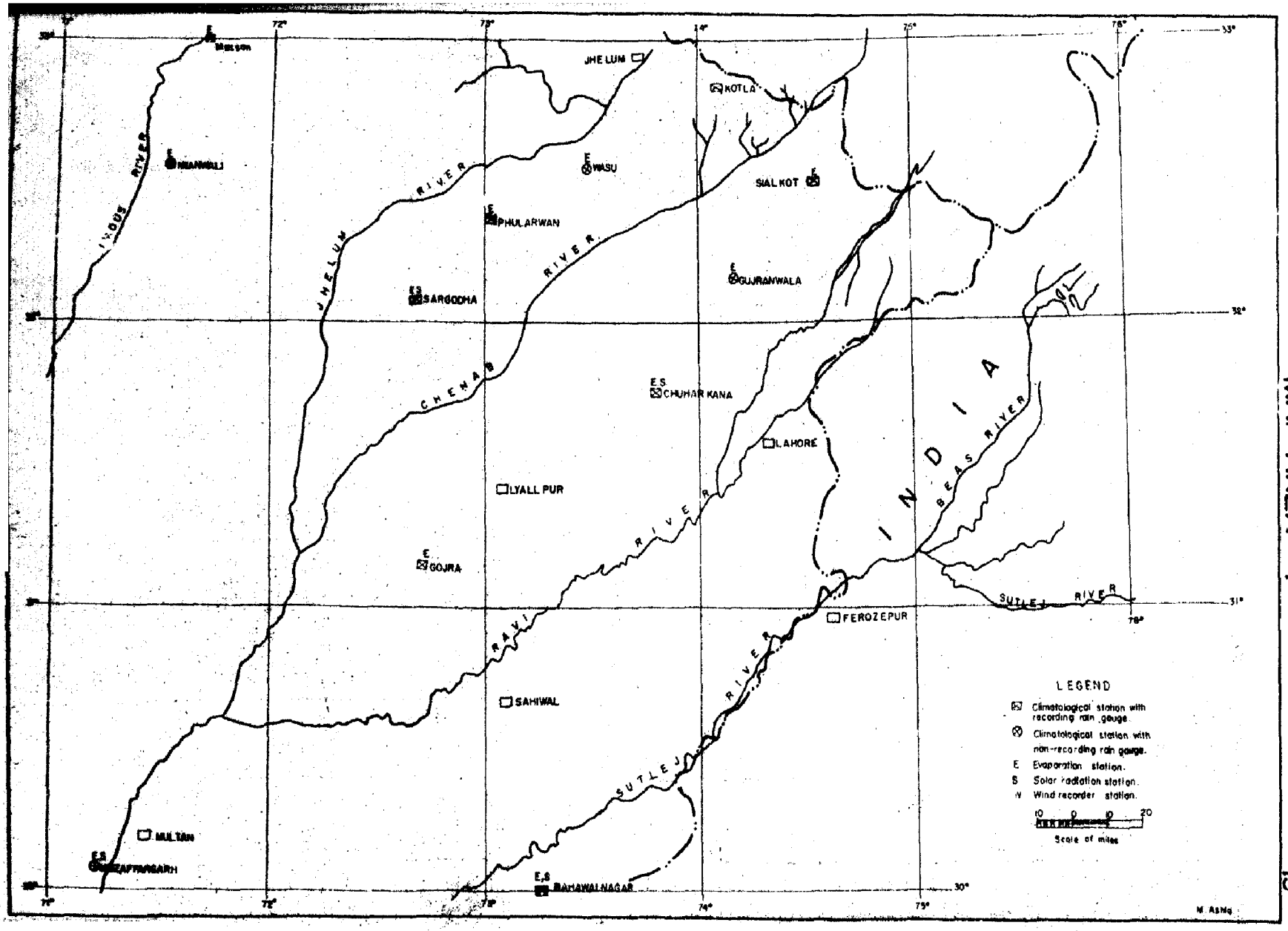

AFGHANISTAN
Kalat
Gazan
Shireza
Kharan Kalat
Dal Badin
Azad
Rad
Ghor
Girdar
Rakhshan Rud
LEGEND
Climatological station with recording rain gauge.
Climatological station with non-recording rain gauge.
E. Evaporation station.
S. Solar radiation station.
W. Wind recorder station.
Wad
Scale of miles
M. Ashiq

MAP AREA D


LEGEND
Climatological station with recording rain gauge
Climatological station with non recording rain gauge
E Evaporation station
S Solar radiation station
W Wind recorder station
Scale of miles
INDIA
INDUS RIVER
CHENAB RIVER
SUTLEJ RIVER
RAHIMYAR KHAN
JACOBABAD
Dohri
Bahawalpur
Shahi River
Lahri River
Nari River
Bolan River
Mula River
Bali River
Chakkar River
Rakhni River
M. Ashiq

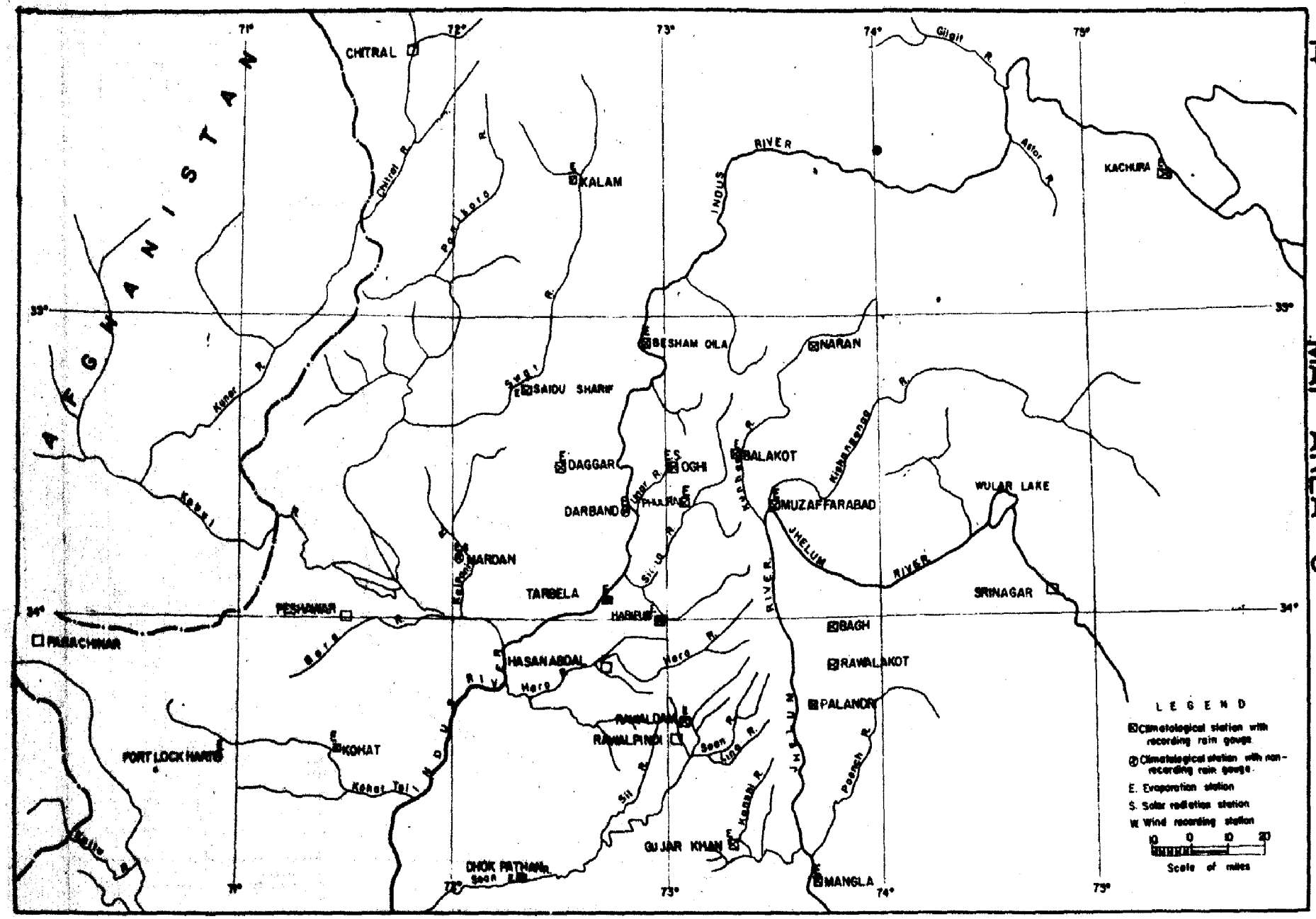
12 MAP AREA E


AFGHANISTAN
INDUS RIVER
Kurram River
Murgha River
Tank Zam
Daraban Zam
Chaudwan Zam
Gomal River
Zhob River
Kingri River
Kunder R.
BANNU
TANK
D.I. KHAN
BHAKKAR
LEIAH
LORALAI
DUKI
HINDU BAGH
QUETTA
LEGEND
Climatological station with recording rain gauge
Climatological station with non recording rain gauge
E Evaporation station
S Solar radiation station
W Wind recorder station
scale of miles


JHELUM
KOTLA
MIANWALI
WASU
SIALKOT
PHULARWAN
GUJRANWALA
SARGODHA
CHUHAR KANA
LAHORE
LYALL PUR
GOJRA
FEROZEPUR
SAHIWAL
MULTAN
MUZAFFARGARH
BAHAWALNAGAR
INDUS RIVER
JHELUM RIVER
CHENAB RIVER
RAVI RIVER
SUTLEJ RIVER
BEAS RIVER
INDIA
LEGEND
Climatological station with recording rain gauge.
Climatological station with non-recording rain gauge.
E Evaporation station.
S Solar radiation station.
W Wind recorder station.
Scale of miles
N. Ashq

MAP AREA F

MAP AREA G


AFGHANISTAN
CHITRAL
KALAM
KACHURA
BESHAM OILA
NARAN
SAIDU SHARIF
DAGGAR
OGHI
BALAKOT
DARBAND
MUZAFFARABAD
WULAR LAKE
MARDAN
TARBELA
SRINAGAR
PESHAWAR
PARACHINAR
HARIPUR
BAGH
HASANABDAL
RAWALAKOT
PALANDRI
RAWALDAM
RAWALPINDI
KOHAT
FORT LOCK HARIPUR
GUJAR KHAN
DHOK PATHAN
MANGLA
INDUS RIVER
JHELUM RIVER
Gilgit R.
Astor R.
Chitral R.
Panjkora R.
Swat R.
Kunar R.
Kabul R.
Bara R.
Haro R.
Sil R.
Sean R.
Lina R.
Kanshi R.
Poonch R.
Kishanganga R.
Kunhar R.
Kalpani R.
Kohat Tal
71°
72°
73°
74°
75°
33°
34°
LEGEND
Climatological station with recording rain gauge
Climatological station with non-recording rain gauge
E. Evaporation station
S. Solar radiation station
W. Wind recording station
10 0 10 20
Scale of miles

CLIMATOLOGICAL STATION RECORDS

DAILY MAXIMUM—MINIMUM TEMPERATURES

DEW POINT TEMPERATURES

RELATIVE HUMIDITY

SOLAR RADIATION

WIND MOVEMENT

EVAPORATION (PAN)

DAILY PRECIPITATION

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BABAR KACH - 1972

Location	Latitude 29°47', Longitude 67°58', near Babar Kach Railway station.
Elevation	800 ± ft.msl.
Period of record	The observatory established by Surface Water Hydrology Project since 14.3.1965. Non-recording rainfall data available with Meteorological Department prior to this date. Observatory closed on 7.1.1972, again started on 26.10.1972.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Wet and Dry Bulb thermometers. U.S. Weather Bureau Standard Evaporation pan.
Annual figures	Precipitation — Incomplete Evaporation (Pan) — Incomplete Absolute Maximum air Temperatures — " Absolute Minimum air temperatures — "
Remarks	Observations of precipitation, Pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) indicates no precipitation.

BABARKACH

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	50			56	53	82	31		0.27	-
2	91	49			55	49	77	26		0.28	-
3	90	51			59	46	83	24		0.29	-
4	90	54			57	43	78	21		0.27	-
5	92	45			44	-2	55	3		0.25	-
6	90	46			46	27	60	11		0.24	-
7	92	48			50	18	81	8		0.30	-
8											
9											
10	93	51			51		81			0.62+	-
11	93	55			48		70			0.23	-
12	92	49			45	5	55	4		0.22	-
13	90	53			51	38	71	21		0.21	-
14	91	53			52	43	67	26		0.21	-
15	92	55			45	34	63	19		0.24	
16	93	55			44	38	55	21		0.25	-
17	94	58			48	43	65	26		0.24	-
18	88	54			46	46	69	27		0.23	-
19	89	54			42	46	50	29		0.22	-
20	90	60			49	45	61	27		0.23	-
21	88	57			59	49	88	34		0.23	-
22	87	58			56	50	88	33		0.22	-
23	90	58			59	48	88	32		0.23	-
24	88	58			59	49	88	34		0.22	-
25	86	56			56	48	88	33		0.23	-
26	86	50			48	26	86	15		0.21	-
27	79	44			48	29	80	17		0.19	-
28	80	45			51	11	87	8		0.20	-
29	81	41			47	11	65	8		0.20	-
30	80	45			42	11	58	8		0.19	-
Tot:										6.92	
Ave:											

\+ 3 days observation.

BABARKACH

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	81	44			35	-6	42	4		0.20	-
2	78	40			35	1	45	5		0.19	-
3	80	45			42	24	72	14		0.18	-
4	83	50			43	21	73	13		0.17	-
5	82	46			47	24	86	13		0.15	-
6	82	48			42	7	72	6		0.16	-
7	80	45			48	1	86	5		0.17	-
8	78	46			49	30	80	21		0.16	-
9	75	47			43	33	73	21		0.18	-
10	77	45			43	29	78	17		0.19	-
11											
12											
13											
14											
15											
16	75	44			42	38	72	1		1.20+	-
17	77	45			43	1	78	17		0.21	-
18	76	44			38	7	60	18		0.19	-
19	77	45			43	28	78	18		0.20	-
20	78	46			43	26	73	16		0.21	-
21	76	44			38	26	60	16		0.19	-
22	75	42			14	24	10	17		0.18	-
23	73	41			69	18	90	13		0.18	-
24	70	40			14	23	12	17		0.17	-
25	70	42			1	14	6	10		0.19	-
26	70	41						10		0.03	0.78
27	70	41			-6	-14	5	3			
28											
29											
30											
31										0.90+	
Tot:											
Ave:											

\+ 6 days observation.

\+ 5 days observation.

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BADIN - 1972

Location	Latitude 24°39', Longitude 68°50', about ½ mile from Badin on Badin-Ragar Parkar Road.
Elevation	
Period of record	The station was established by the Project Director, Project Planning. Southern Zone (Old L.I.P) on 22.8.1963 and taken over by Surface Water Hydrology Project in December, 1965.
Instruments	5" Non-recording rain gauge. Casella weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 2.63 inches Evaporation (Pan) 136.84 inches Absolute maximum air temperature 113°F Absolute minimum air temperature 38°F
Remarks	Annual figures calculated by estimating the days for which record was missing. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record.(-) indicates no precipitation.

BADIN

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	55	7[illegible]	49	53	48	82	38	54	0.21	-
2	78	50	76	51	40	38	52	25	74	0.25	-
3	80	52	74	50	48	50	65	37	30	0.20	-
4	82	50	76	52	45	44	73	33	31	0.19	-
5	77	47	74	48	37	34	59	24	58	0.22	-
6	77	45	71	46	36	39	58	28	56	0.23	-
7	77	43	72	45	28	28	44	19	43	0.21	-
8	75	41	70	40	31	33	60	21	68	0.24	-
9	79	44	71	40	42	31	67	19	22	0.19	-
10	78	47	72	48	37	37	59	24	57	0.21	-
11	79	46	74	45	25	35	32	23	39	0.22	-
12	77	48	73	47	38	33	60	21	28	0.20	-
13	80	49	70	47	40	45	56	27	33	0.21	-
14	84	50	73	49	40	36	60	25	53	0.19	-
15	78	44	73	45	36	34	63	24	72	0.20	-
16	75	46	72	45	42	36	72	25	39	0.22	-
17	77	50	73	47	38	41	60	30	63	0.23	-
18	79	50	69	46	36	35	58	22	76	0.24	-
19	80	48	71	47	31	32	46	22	52	0.22	-
20	78	49	72	46	34	43	48	31	56	0.20	-
21	79	50	73	47	45	52	63	42	30	0.21	-
22	84	54	78	53	49	43	80	32	62	0.23	-
23	77	48	75	44	33	37	51	33	69	0.25	-
24	72	50	67	43	38	41	60	31	72	0.23	-
25	75	46	72	45	37	45	64	38	65	0.24	-
26	77	41	23	45	40	36	65	25	48	0.23	-
27											-
28											-
29	80	46	72	47	32	48	43	38	134+	0.61+	-
30	82	48	75	47	34	45	44	32	49	0.22	-
31	83	49	74	47	45	55	63	49	57	0.25	-
Tot:										6.75	0.00
Ave:									51		

+ 3 days observation.

BADIN

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	55	79	52	46	52	60	44	87	0.26	-
2	82	59	76	57	53	33	82	33	70	0.24	-
3	66	54	61	53	50	39	87	30	45	0.11	0.25
4			72	53	56	37	82	29	58	0.23	-
5	74	46	72	47	46	42	85	36	94	0.26	-
6	73	41	71	40	40	37	77	31	43	0.20	-
7	75	45	72	46	35	37	57	29	47	0.21	-
8	74	46	73	44	36	45	53	40	55	0.19	-
9	76	48	71	45	37	45	54	38	49	0.22	-
10	78	47	73	46	43	54	58	48	29	0.23	-
11			77	49	55	28	73	19	89	0.25	-
12	76	42	74	41	36	25	63	22	110	0.24	-
13	67	41	68	42	29	23	45	16	39	0.20	-
14	75	45	73	43	37	33	50	21	30	0.21	-
15	78	46	74	44	29	34	41	26	62	0.23	-
16	73	46	69	42	26	28	38	19	114	0.24	-
17	74	45	70	43	29	38	38	27	98	0.22	-
18	75	44	71	43	29	28	41	78	76	0.21	-
19	77	43	72	44	37	34	59	24	72	0.25	-
20	78	45	71	42	40	39	60	30	28	0.26	-
21	80	46	74	41	27	42	33	27	37	0.28	-
22			82	58	60	50	84	33	44	0.30	-
23	85	58	82	56	54	31	77	19	85	0.31	-
24	78	44	77	45	31	24	46	15	92	0.29	-
25	77	46	73	43	39	39	65	30	72	0.30	-
26	79	47	74	44	35	41	49	30	60	0.28	-
27	80	45	75	43	46	34	79	24	65	0.27	-
28	79	42	76	41	40	33	60	20	83	0.29	-
29	81	45	78	46	27	22	33	12	66	0.31	-
Tot:										7.09	0.25
Ave:			73	46					66		

BADIN

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Numidity Percent 8 A.M	Relative Numidity Percent 5 P.M	Wind Move-ment Miles	Evapo-ration inches	Rain inches
1	80	46	75	45	45	35	79	21	78	0.33	-
2	83	48	79	47	37	41	43	20	32	0.32	-
3	89	53	83	51	49	53	66	34	35	0.30	-
4			83	56	58	47	70	26	91	0.34	-
5	87	53	82	52	51	45	76	25	97	0.35	-
6	88	56	84	54	41	41	46	20	44	0.33	-
7	92	62	85	56	61	58	79	39	47	0.31	-
8	90	64	84	61	59	60	79	38	95	0.34	-
9	96	63	88	62	64	49	89	26	51	0.30	-
10	91	60	88	59	49	47	58	20	44	0.32	-
11	96	61	89	59	51	52	52	28	40	0.36	-
12	92	61	86	60	49	57	54	40	75	0.35	-
13	93	61	85	59	49	41	66	20	89	0.32	-
14	91	58	86	54	45	49	49	26	83	0.34	-
15	91	63	85	55	49	40	51	16	50	0.36	-
16	96	66	87	60	65	56	85	28	74	0.37	-
17	97	70	90	63	67	58	81	29	91	0.41	-
18	97	69	91	64	64	55	72	27	60	0.40	-
19	100	68	92	62	62	56	71	29	80	0.46	-
20	96	67	86	63	61	53	71	30	95	0.44	-
21	94	65	86	60	64	41	85	17	112	0.45	-
22	93	64	89	63	55	52	58	23	65	0.43	-
23	99	67	93	64	59	60	59	26	42	0.39	-
24	103	67	94	64	65	54	76	23	48	0.43	-
25	103	65	92	63	65	55	69	25	74	0.44	-
26	100	69	90	64	67	51	77	24	94	0.47	-
27	100	70	90	65	65	54	73	23	117	0.51	-
28	100	71	92	65	63	51	68	24	107	0.53	-
29	98	72	88	66	68	50	77	22	115	0.52	-
30	99	67	91	62	62	39	71	15	77	0.49	-
31	99	64	88	59	57	39	62	14	84	0.51	-
Tot:										12.22	0.00
Ave:			87	59					74		

BADIN

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	98	65	91	61	63	51	72	26	68	0.5	-
2	95	66	92	63	66	50	80	22	67	0.42	-
3	99	67	91	64	69	51	81	24	85	0.46	-
4	96	71	91	67	71	59	90	33	120	0.48	-
5	96	72	90	68	72	53	90	24	106	0.43	-
6	97	66	92	65	66	49	77	21	85	0.44	-
7	97	69	91	64	57	59	57	31	88	0.47	-
8	96	71	92	66	67	55	77	27	93	0.43	-
9	97	67	93	62	60	50	60	23	78	0.49	0.12
10	95	67	86	64	56	40	55	14	52	0.42	-
11	100	66	92	61	48	47	40	18	51	0.46	-
12	101	68	92	62	57	56	49	23	60	0.47	-
13	105	71	94	66	67	59	73	27	78	0.51	-
14	103	70	93	64	64	54	68	23	125	0.52	-
15	99	69	94	65	61	41	57	15	124	0.49	-
16	97	61	92	65	57	51	55	24	128	0.48	-
17	98	71	91	65	58	51	50	26	123	0.46	-
18	95	71	92	67	69	56	77	28	122	0.50	-
19	97	70	93	68	71	57	86	27	101	0.51	-
20	99	74	93	69	65	57	65	30	95	0.47	-
21	96	73	89	69	73	51	86	24	80	0.42	-
22	97	75	89	68	66	65	63	46	90	0.44	0.01
23	90	72	82	68	67	60	66	34	65	0.45	-
24	95	77	92	70	71	52	78	25	112	0.48	-
25	97	76	90	70	72	56	78	28	134	0.52	-
26	98	77	90	72	73	62	78	41	175	0.58	-
27	95	75	91	70	74	62	87	37	121	0.50	-
28	95	71	90	66	69	64	77	40	111	0.46	-
29	101	71	94	68	69	52	70	21	96	0.49	-
30	103	74	93	69	67	60	63	31	84	0.50	-
Tot:										14.25	0.13
Ave:	98	71	91	66					97		

BADIN

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	103	77	42	70	72	56	71	26	128	0.54	-
2	102	75	41	70	74	71	78	43	113	0.52	-
3	101	77	98	72	73	54	78	23	84	0.48	-
4	104	75	96	71	72	58	78	26	84	0.51	-
5	103	76	96	72	72	66	71	37	102	0.53	-
6	100	75	95	70	71	50	74	22	109	0.52	-
7	100	76	90	69	71	44	70	18	110	0.56	-
8	99	77	92	71	72	64	71	33	117	0.56	-
9	102	76	93	70	69	67	64	34	122	0.58	-
10	105	75	93	71	72	66	74	34	113	0.62	-
11	102	79	96	73	76	70	79	33	95	0.54	-
12	109	80	101	74	72	67	65	30	63	0.57	-
13	111	77	95	68	75	71	75	34	120	0.61	-
14	110	78	97	69	71	74	61	37	87	0.62	-
15	109	76	99	70	68	71	58	36	84	0.64	-
16	110	77	100	71	68	53	52	18	92	0.60	-
17	109	76	94	70	75	57	79	18	115	0.63	-
18	112	80	101	74	74	64	65	25	59	0.65	-
19	113	81	99	76	77	76	76	51	100	0.61	-
20	107	81	98	75	76	72	75	43	137	0.58	-
21	103	81	95	75	75	67	72	38	175	0.60	-
22	101	81	94	75	71	70	61	41	168	0.62	-
23	100	80	94	74	75	67	75	40	153	0.61	-
24	101	80	95	74	71	69	67	39	118	0.56	-
25	103	79	97	73	76	57	79	23	121	0.57	-
26	105	78	95	71	71	48	64	16	113	0.59	-
27	105	75	94	68	68	49	58	15	94	0.58	-
28	108	77	95	70	76	64	79	32	94	0.61	-
29	104	82	96	74	76	72	75	43	116	0.57	-
30	102	82	97	75	74	73	68	44	109	0.59	-
31	103	79	98	75	77	75	79	49	110	0.56	-
Tot:										17.93	0.00
Ave:	105	78	96	72					110		

BADIN

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	103	81	99	76	72	72	65	45	84	0.55	-
2	102	82	99	77	75	75	75	50	101	0.51	-
3	101	83	98	76	76	76	72	47	93	0.50	-
4	103	82	98	77	75	75	75	40	120	0.52	-
5	101	82	96	76	78	78	79	52	172	0.54	-
6	102	81	97	77	76	77	72	54	148	0.55	-
7	104	82	98	78	78	74	73	44	143	0.53	-
8	105	83	98	76	77	73	72	42	153	0.56	-
9	103	83	97	77	76	74	72	42	147	0.54	-
10	105	82	99	76	77	77	72	49	136	0.55	-
11	106	81	100	76	76	74	75	48	32	0.50	-
12	101	82	98	77	74	79	68	61	176	0.54	-
13	99	83	98	77	75	77	69	56	105	0.51	-
14	99	82	97	76	78	76	79	58	103	0.49	-
15	100	82	98	75	76	74	72	52	121	0.53	-
16	97	82	96	76	75	72	72	49	127	0.51	-
17	98	81	95	75	72	73	62	48	137	0.52	-
18	99	81	95	75	75	75	72	53	161	0.56	-
19	97	83	94	76	76	78	72	64	172	0.55	-
20	95	83	93	77	77	78	72	56	146	0.53	-
21	100	82	95	76	74	71	68	41	126	0.57	-
22	103	82	99	7	77	74	79	46	99	0.54	-
23	102	83	99	77	77	74	76	42	86	0.52	-
24	103	85	100	79	78	76	69	47	66	0.53	-
25	104	86	99	80	75	70	65	38	71	0.55	-
26	103	85	97	78	79	77	73	54	71	0.52	-
27	101	83	100	78	79	78	76	49	80	0.51	-
28	103	79	101	76	76	72	79	43	75	0.49	-
29	101	77	100	76	77	77	79	63	74	0.25*	1.22
~~30~~	93	81	92	78	73	75	68	57	59	0.30	-
Tot:										15.37	1.22
Ave:	101	82	98	77							

* Estimated evaporation

BADIN

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	82	96	77	75	74	75	44	118	0.43	-
2	101	81	98	77	78	79	87	76	95	0 44	0.02
3	88	80	88	77	77	77	87	76	47	0.29*	0.85
4	89	81	90	76	77	77	83	67	98	0.25	0.04
5	92	83	91	76	81	80	84	70	144	0.37	-
6	94	84	92	77	78	78	83	64	168	0.43	-
7	95	83	93	78	79	82	80	77	134	0.44	-
8	97	85	94	77	76	79	75	64	108	0.42	0.12
9	98	82	95	78	72	79	62	59	137	0.46	-
10	99	83	96	79	73	82	62	68	144	0.47	-
11	101	81	94	77	76	78	72	59	132	0.45	-
12	100	80	93	76	71	76	64	60	135	0.48	-
13	99	83	92	75	73	78	68	67	142	0.50	-
14	97	83	94	77	78	78	79	69	115	0.44	-
15	94	82	93	76	77	77	79	61	98	0.41	-
16	95	83	94	76	77	76	76	60	118	0.43	-
17	94	82	93	76	75	75	75	60	127	0.42	-
18	94	83	92	75	75	77	72	67	136	0.44	-
19	95	82	91	75	77	78	79	64	150	0.41	-
20	93	81	90	75	73	74	68	60	126	0.40	-
21	94	81	92	76	74	75	68	57	117	0.42	-
22	95	81	93	74	77	77	79	67	122	0.44	-
23	95	81	93	75	75	75	72	57	136	0.45	-
24	94	81	93	74	74	74	71	57	126	0.43	-
25	94	82	92	75	73	76	68	66	172	0.46	-
26	92	83	91	75	75	77	75	67	194	0.48	-
27	93	83	92	76	77	75	83	60	155	0.47	-
28	94	82	93	75	75	74	75	60	164	0.45	-
29	95	81	94	75	73	75	68	65	142	0.44	-
30	93	81	90	76	74	77	71	67	118	0.44	-
31	93	81	90	76	74	77	71	67	118	0.44	-
Tot:										13.30	1.03
Ave:	95	82	93	76					132		

* Estimated evaporation.

BADIN

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	82	93	75	76	75	75	57	96	0.42	-
2	94	80	92	74	75	77	75	63	90	0.41	-
3	95	80	93	73	74	76	75	63	116	0.40	-
4	3	78	89	74	75	75	75	65	119	0.42	-
5	93	81	90	75	75	77	79	72	124	0.40	-
6	89	81	85	75	76	75	79	65	121	0.38	-
7	91	81	89	76	75	76	79	66	111	0.35	-
8	93	80	91	74	72	77	68	67	114	0.37	-
9	92	81	90	75	76	78	79	69	108	0.36	-
10	92	80	91	74	74	75	78	65	127	0.39	-
11	92	79	91	73	72	73	71	57	147	0.41	-
12	93	78	92	72	71	75	74	65	152	0.43	-
13	91	78	90	72	72	75	74	65	158	0.44	-
14	91	77	90	73	74	73	83	59	134	0.42	-
15	91	78	91	73	71	74	70	60	115	0.39	-
16	93	78	92	72	73	75	75	60	169	0.40	-
17	94	77	91	73	71	76	67	60	142	0.42	-
18	93	79	90	72	74	74	78	60	134	0.43	-
19	95	78	91	74	71	75	64	57	145	0.41	-
20	96	79	91	73	75	76	79	60	139	0.43	-
21	95	80	93	73	74	74	78	60	144	0.44	-
22	93	78	92	72	73	78	78	67	154	0.42	-
23	94	79	93	73	75	75	83	57	132	0.45	-
24	94	81	93	74	73	76	75	58	127	0.44	-
25	95	81	92	74	74	76	75	66	114	0.43	-
26	96	81	95	75	73	77	75	67	109	0.41	-
27	95	79	94	73	76	77	87	61	107	0.40	-
28	97	78	95	72	74	73	78	54	120	0.45	-
29	98	78	94	73	73	75	78	55	124	0.43	-
30	98	77	91	72	74	71	87	49	146	0.44	-
31	95	77	93	72	71	73	74	54	120	0.42	-
Tot:										12.81	0.00
Ave:	94	79	92	73					128		

BADIN

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	77	92	72	74	73	86	54	109	0.38	-
2	94	78	93	73	74	73	78	59	116	0.39	-
3	93	77	92	71	73	71	82	54	129	0.43	-
4	91	78	90	72	74	74	83	65	146	0.42	-
5	92	79	91	72	71	70	70	55	140	0.40	-
6	92	78	91	73	72	74	71	65	139	0.43	-
7	92	79	90	73	71	72	70	59	119	0.41	-
8	92	80	91	72	73	75	75	63	105	0.39	-
9	91	77	92	71	74	73	83	57	80	0.38	-
10	94	76	94	71	73	71	82	49	79	0.40	-
11	96	76	94	72	71	69	74	44	85	0.41	-
12	96	77	95	72	72	70	74	44	108	0.38	-
13	98	78	96	73	74	74	83	57	122	0.40	-
14	97	77	95	71	72	71	74	54	143	0.42	-
15	94	78	91	72	73	73	75	54	166	0.41	-
16	95	77	92	73	71	72	74	54	159	0 43	-
17	94	78	91	72	74	71	78	54	153	0.41	-
18	93	77	92	71	70	72	67	54	167	0.39	-
19	94	78	91	73	76	62	87	31	130	0.40	-
20	100	77	94	71	70	68	74	42	68	0.43	-
21	96	74	91	69	72	69	82	44	57	0.36	-
22	99	75	92	70	74	62	83	31	78	0.35	-
23	99	74	93	71	69	54	73	23	63	0.33	-
24	100	71	93	67	61	52	57	23	62	0.37	-
25	101	71	93	66	67	58	69	29	57	0.38	-
26	101	74	91	68	71	58	82	32	76	0.40	-
27	96	75	89	68	72	55	82	28	103	0.41	-
28	95	73	89	67	69	68	77	45	90	0.39	-
29	95	74	91	69	73	71	82	49	104	0.38	-
30	94	75	91	70	72	70	82	48	114	0.35	-
Tot:										11.83	0.00
Ave:	95	76	92	71					109		

BADIN

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	75	93	71	74	67	87	45	98	0.37	-
2	95	76	92	70	73	67	86	43	75	0.39	-
3	97	75	94	71	72	69	90	44	85	0.36	-
4	96	7	93	70	72	59	82	28	56	0.38	-
5	100	74	95	68	62	64	52	33	54	0.40	-
6	99	71	92	65	57	63	47	36	66	0.42	-
7	96	73	89	66	61	64	51	33	55	0.38	-
8	99	73	91	67	73	67	82	38	44	0.33	-
9	101	71	92	68	73	66	95	37	58	0.35	-
10	101	74	93	69	74	62	91	34	51	0.34	-
11	100	72	91	67	65	65	65	38	61	0.37	-
12	99	74	89	69	73	66	82	37	84	0.39	-
13	97	75	93	72	73	60	86	31	63	0.38	-
14	99	75	95	71	73	67	82	38	47	0.36	-
15	100	74	92	71	73	69	86	42	41	0.34	-
16	99	75	92	70	75	66	95	39	73	0.33	-
17	98	74	93	71	69	69	70	44	82	0.35	-
18	97	75	92	71	72	68	78	42	83	0.36	-
19	99	74	92	69	74	59	86	31	74	0.35	-
20	100	73	93	68	73	65	95	41	87	0.32	-
21											-
22											-
23											-
24	95	63	90	59	43	53	37	27	227+	1.12+	-
25	96	61	89	57	42	51	36	26	40	0.34	-
26	93	62	84	58	45	49	38	26	41	0.32	-
27	93	63	83	56	45	46	40	24	72	0.35	-
28	92	58	81	55	48	41	47	21	70	0.36	-
29	90	57	80	55	47	42	49	22	56	0.35	-
30	89	57	81	56	49	47	45	26	38	0.33	-
31	92	61	84	59	54	31	57	14	31	0.30	-
Tot:										10.74	0.00
Ave:									63		

\+ 4 days observation.

BADIN

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	93	63	85	60	54	44	54	20	34	0.28	-
2	93	62	85	59	51	48	52	24	34	0.31	-
3	94	61	83	57	54	39	51	16	50	0.36	-
4	99	61	86	60	54	44	57	20	25	0.33	-
5	95	64	85	59	56	46	55	21	30	0.30	-
6	96	61	86	60	54	50	54	25	18	0.29	-
7	94	60	85	59	51	41	47	17	23	0.31	-
8											
9											
10	95	61	87	58	49	49	45	24	137+	0.84+	-
11	97	60	85	57	54	50	54	23	45	0.28	-
12	94	59	86	57	60	50	79	28	30	0.27	-
13	91	60	84	58	56	53	73	33	31	0.28	-
14	92	61	85	57	61	46	75	23	33	0.30	-
15	93	62	84	59	56	53	61	31	42	0.29	-
16	92	63	85	60	53	56	53	36	38	0.27	-
17	93	61	86	58	57	47	65	25	21	0.26	-
18	91	62	84	59	53	52	60	32	25	0.28	-
19	92	61	84	60	53	57	68	34	29	0.25	-
20	94	62	85	60	58	50	66	28	22	0.24	-
21	93	64	86	61	53	46	60	23	35	0.26	-
22	95	63	85	59	58	51	70	33	46	0.25	-
23	86	57	82	56	54	45	73	30	42	0.23	-
24	83	54	78	52	51	40	71	26	57	0.24	-
25	80	54	75	51	49	45	75	32	58	0.22	-
26	79	52	75	50	49	40	70	27	53	0.23	-
27	81	53	75	49	49	52	66	44	58	0.22	-
28	80	52	75	51	50	48	76	38	50	0.23	-
29	78	54	74	52	50	45	62	32	56	0.22	-
30	81	50	76	49	45	49	63	36	44	0.24	-
Tot:										8.08	0.00
Ave:									39		

+ 3 days observation.

BADIN

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	50	75	48	43	45	63	30	53	0.25	-
2	83	51	74	48	45	49	59	36	47	0.23	-
3	83	51	75	49	40	49	56	34	41	0.24	-
4	84	50	76	49	46	45	69	32	44	0.22	-
5	82	51	75	49	42	46	58	33	47	0.21	-
6	83	51	74	48	48	47	75	31	43	0.23	-
7	82	50	74	49	42	48	58	28	25	0.19	-
8	87	57	77	51	59	55	89	43	21	0.18	-
9	81	54	77	52	47	45	69	36	50	0.21	-
10	77	49	74	48	46	41	74	31	40	0.20	-
11	76	47	72	45	42	37	67	29	67	0.24	-
12	75	46	70	44	38	44	55	35	69	0.23	-
13	75	45	70	43	43	38	73	26	57	0.22	-
14	78	48	72	46	34	51	48	49	29	0.21	-
15	86	52	76	48	47	44	69	33	25	0.19	-
16	81	53	69	50	46	48	69	38	51	0.20	-
17	79	56	69	50	50	52	76	53	76	0.21	-
18	75	56	71	51	49	52	75	50	45	0.24	-
19	74	57	72	52	49	53	70	47	109	0.23	-
20	77	54	74	52	49	49	75	48	72	0.21	-
21	78	52	75	51	52	46	87	34	38	0.19	-
22	80	53	76	52	51	55	76	43	23	0.17	-
23	83	55	77	53	54	60	77	54	24	0.18	-
24	80	61	75	55	63	55	89	43	29	0.19	-
25	81	63	76	59	61	55	89	51	64	0.22	-
26	76	55	74	54	54	50	88	46	47	0.20	-
27	75	53	73	50	51	47	87	44	75	0.21	-
28	76	54	72	51	48	51	80	56	72	0.18	-
29	73	44	72	42	39	45	77	46	77	0.19	-
30	74	38	71	35	35	28	74	23	62	0.20	-
31	69	41	64	36	33	21	55	15	38	0.18	-
Tot:										6.45	0.00
Ave:	79	52	73	49							

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BAGH - 1972

Location	Latitude 33°59', Longitude 73°46', in the premises of High School Bagh.
Elevation	3,500 ± ft.msl.
Period of record	Station established by Surface Water Hydrology Project on 23rd April 1961. Screen with Maximum and minimum thermometer installed on 12.1.1970, addition of Dry and Wet thermometers on 10.2.70.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers.
Annual figures	Precipitation. Incomplete Evaporation (Pan) Incomplete Absolute Maximum air temperature 104°F Absolute Minimum air temperature 30°F
Remarks	Observations of precipitation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

BAGH

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	67	45			34	34	63	37			-
2	66	39			25	32	52	36			-
3	67	37			20	23	48	27			-
4	69	37			16	27	40	28			-
5	67	35			19	25	47	27			-
6	65	34			14	21	39	26			-
7	63	33			15	25	44	31			-
8	64	33			18	24	38	36			-
9	53	37			15	25	35	31			-
10	64	33			18	31	38	33			-
11	67	37			17	32	41	36			-
12	65	37			22	32	49	42			-
13	60	33			33	41	53	73			-
14	55	43			42	42	92	55			0.25
15	63	38			30	41	66	63			-
16	59	39				39		57			-
17	61	39			32	37	62	42			-
18	66	42			33	35	53	41			-
19	65	42			33	37	53	45			-
20	66	42			33	34	53	40			-
21	59	39			3	39		57			-
22	61	39			32	37	62	42			-
23	66	42			33	25	53	31			-
24	64	33			18	31	38	33			-
25	67	37			17	32	41	38			-
26	65	37			22	41	49	23			-
27					42	44	92	61			0.28
28	63	38			30	41	66	63			-
29	59	39			38	39	91	57			-
30					42	41	92	73			-
31	52	44			42	46	85	80			-
Tot:											0.53
Ave:											

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	53	44			43	46	92	80			0.30
2	56	42			42	38	92	61			0.25
3	63	38			31	39	74	67			-
4	66	37			33	35	75	59			-
5	53	39			31	36	67	83			-
6	50	33			35	32	100	62			-
7	51	32			33	31	90	41			-
8	58	31			31	27	81	33			-
9	63	35			33	34	82	43			-
10	63	36			33	31	82	41			-
11	58	34			31	31	81	41			-
12	56	34			31	46	81	80			-
13	53	33			31	32	90	62			0.25
14	49	32			50	25	90	53			0.30
15	52	30			27	18	80	28			-
16	55	32			24	24	70	36			-
17	55	32			25	31	71	41			-
18	59	32			28	27	73	35			-
19	63	34			27	34	65	43			-
20	65	38			29	34	60	33			-
21	69	40			41	43	73	68			-
22	57	46			41	43	79	68			-
23	55	46			42	43	68	68			0.07
24	60	47			46	37	93	56			0.36
25	57	42			37	23	77	33			-
26	58	34			29	29	60	36			-
27	60	35			30	23	66	23			-
28	65	39			32	71	57	35			-
29	62	38			27	23	54	23			-
Tot:											1.53
Ave:	58	37									

BACH

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	67	40			36	31	70	31			-
2	68	41			37	27	71	28			-
3	65	40			36	35	70	41			-
4	66	41			38	42	77	63			-
5	56	38			37	46	91	80			0.35
6	54	38			37	44	84	80			0.16
7	52	40			39	43	84	74			0.72
8	52	40			38	42	77	52			0.69
9	65	41			36	40	70	42			-
10	70	44			39	49	67	55			-
11	72	45			41	45	67	57			-
12	68	42			40	47	84	58			1.05
13	64	42			43	45	74	53			0.06
14	70	47			42	45	73	53			-
15	70	46			44	42	80	49			-
16	71	47			44	48	80	52			-
17	76	47			42	48	68	47			0.04
18	78	47			42	38	63	29			-
19	78	50			47	52	86	54			0.35
20	57	49			47	47	81	58			0.57
21	65	42			43	45	74	53			-
22	70	47			42	46	73	54			-
23	71	47			44	48	80	59			-
24	72	47			44	48	80	52			-
25	76	47			42	51	68	54			-
26	80	47			51	38	87	29			-
27	78	55			52	47	87	34			0.50
28	80	55			53	57	78	53			-
29	80	54			49	47	81	58			0.20
30	65	49			45	39	75	34			0.10
31	79	49			42	50	55	45			-
Tot:											4.79
Ave:	69	45									

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	79	49			45	50	75	38			-
2	81	51			45	75	87	95			-
3	81	53			56	50	94	38			-
4	81	51			49	75	87	95			-
5	81	53			51	74	77	91			-
6	82	52			50	71	71	86			-
7	83	54			50	72	71	83			-
8	83	54			49	47	67	58			-
9	65	49			45	59	75	89			0.12
10					52	47	82	43			-
11	81	53			46	56	51	41			-
12	85	55			49	58	53	40			-
13	87	58			50	59	53	41			-
14	93	58			51	58	60	55			-
15	83	57			49	61	53	61			-
16	85	61			54	53	65	55			-
17	75	55			55	55	94	65			0.20
18	70	56			49	52	81	77			0.70
19	65	50			47	47	81	75			-
20	67	47			48	42	87	52			0.25
21	71	46			43	18	64	12			-
22	80	50			43	18	52	12			-
23	83	51			58	55	89	43			-
24	84	55			47	61	46	46			-
25	88	56			49	63	50	40			-
26	94	63			58	61	60	39			-
27	93	61			61	66	72	55			-
28	88	51			56	53	94	65			-
29	68	53			54	55	83	43			-
30	85	59			60	63	75	59			-
Tot:											1.27
Ave:											

BAGH

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	86	55			56	55	88	39			-
2	88	59			53	59	48	42			-
3	88	61			55	51	52	36			-
4	90	61			57	51	56	36			-
5	90	61			56		53				-
6	85	55			51	47	54	29			-
7	87	59			57	60	63	39			-
8	90	58			60	60	71	39			-
9	91	62			61	59	72	37			-
10	93	64			65	61	81	39			-
11	93	63			63	63	76	40			-
12	94	64			64	63	76	40			-
13	94	64			65	66	81	46			-
14	93	67			69	64	90	47			-
15	92	65			67	63	81	43			-
16	93	67			69	65	86	45			-
17	93	66			69	61	86	38			-
18	94	65			65	83	73	74			-
19	94	63			58	82	51	82			-
20	96	63			71	95	86	96			-
21	97	66			72	51	91	23			-
22	99	73				75		83			-
23	99	68			62	63	80	85			0.20
24	70	57			55	61	69	61			2.17
25	78	62			61	59	75	51			-
26	84	62			62	63	76	56			-
27	85	60			61	65	72	60			-
28	86	62			64	69	81	61			-
29	90	62			63	72	76	60			-
30	91	63			60	73	61	60			-
31	92	64			63	76	65	61			-
Tot:											2.37
Ave:	90	63									

BAGH

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	65			63	76	59	61			-
2	97	66			65	72	63	53			-
3	98	70			68	70	58	47			-
4	98	68			71	67	86	39			-
5	100	70			72	67	79	39			-
6	100	71			72	72	83	53			-
7	98	70			68	76	58	61			-
8	95	65			63	72	59	53			-
9	98	70			68	67	58	39			-
10	100	71			73	70	83	42			-
11	100	70			73	92	83	86			-
12	101	75			78	95	87	93			-
13	101	78			80	100	88	100			-
14	102	80			82	100	84	96			-
15	102	81			84	101	88	96			-
16	103	82			84	101	88	96			-
17	103	82			84	102	88	100			-
18	103	78			85	78	88	51			-
19	104	71			83	89	88	100			-
20	99	69			55	71	40	44			-
21	99	66			69	64	100	47			-
22	90	66			67	66	66	48			0.32
23	92	67			68	69	67	59			-
24	91	66			68	66	74	50			-
25	92	67			68	68	67	56			-
26	88	65			64	71	69	57			-
27	92	66			66	72	73	60			-
28	93	67			64	72	69	57			-
29	93	68			67	72	73	57			-
30	93	68			66	73	66	60			-
Tot:											0.32
Ave:	97	71									

BAGH

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	70			72	76	83	64			-
2	95	78			78	76	87	64			-
3	95	76			79	71	87	82			-
4	81	65			70	70	90	82			0.52
5	80	68			69	69	86	74			0.25
6	86	67			68	68	82	56			0.35
7	90	71			73	72	86	83			-
8	83	66			65	73	85	79			0.16
9	86	67			66	69	73	64			-
10	87	68			72	69	91	64			-
11	87	69			71	73	86	68			-
12	91	70			67	73	77	79			0.40
13	92	62			64	75	81	79			1.00
14	92	67			67	73	77	62			-
15	93	71			70	74	74	63			-
16	91	72			73	67	83	90			-
17	91	70			72	69	83	86			-
18	92	67			67	67	85	85			-
19	92	66			66	68	81	53			0.07
20	89	60			60	66	61	48			-
21	92	69			67	64	66	36			-
22	96	70			70	64	71	36			-
23	97	74			70	61	65	43			-
24	96	71			65	65	60	38			-
25											-
26											-
27											-
28											-
29											0.75
30											1.40
31											0.02
Tot:											4.92
Ave:											

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17	87	69			67	73	85	58			0.17
18	86	69			69	74	86	63			0.11
19	92	70			68	71	74	59			-
20	90	67			66	74	81	63			1.08
21	91	73			66	73	70	62			-
22	90	68			64	69	81	49			-
23	92	69			67	67	73	61			-
24	86				65	73	77	66			0.25
25	88	68			67	70	81	59			0.55
26	87	69			69	69	86	59			-
27	87	69			69	69	86	59			-
28	88	70			69	70	86	59			-
29	89	72			72	69	86	59			0.41
30	88	71			72	65	91	57			-
31	83	69			69	68	86	58			0.50
Tot:											
Ave:											

BAGH

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	86	68			68	66	82	55			-
2	86	68			65	68	77	58			0.20
3	87	63			63	69	76	59			-
4	89	67			66	67	81	63			-
5	82	63			60	65	71	60			-
6	86	60			59	62	84	55			-
7	85	58			57	68	79	58			-
8	87	63			63	69	76	59			-
9	89	69			70	67	90	63			-
10	80	62			65	69	85	78			0.32
11	79	62			62	67	89	66			0.20
12	80	61			60	66	75	66			-
13	88	64			64	70	81	59			-
14	89	69			67	71	81	62			-
15	93	70			64	74	62	79			-
16	92	66			66	83	90	85			-
17	90	60			58	67	71	55			0.56
18	86	61			61	69	75	90			-
19	84	55			56	68	88	90			0.63
20	84	57			59	66	89	81			0.05
21	83	56			59	63	89	65			-
22	82	55			57	74	83	91			-
23	81	50			51	74	72	83			-
24	85	54			58	84	83	92			-
25	89	56			60	56	89	37			-
26	88	56			49	72	53	71			-
27	87	57			55	81	59	92			-
28	88	57			57	81	74	92			-
29	87	57			55	80	69	92			-
30	86	56			53	79	65	87			-
Tot:											1.96
Ave:	86	61									

BAGH

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	87	55			54	66	69	81			-
2	83	56			59	63	89	65			-
3	84	55			57	74	83	91			-
4	81	50			51	74	72	83			-
5	85	54			58	84	83	92			-
6	89	56			60	56	89	37			-
7	88	56			49	72	53	71			-
8	87	57			55	58	69	40			-
9	88	57			53	61	65	43			-
10	89	58			56	57	70	38			-
11	88	53			48	56	59	37			-
12	88	57			46	47	51	28			-
13	88	57			45	51	50	33			-
14	87	57			46	49	54	32			-
15	87	56			46	50	54	34			-
16	85	58			49	39	59	27			-
17	83	53			53	53	65	83			0.17
18	79	50			47	49	81	81			1.41
19	55	46			51	52	93	61			0.31
20	75	50			47	49	75	67			-
21	67	51			49	50	87	76			0.14
22	64	47			46	34	75	35			0.32
23	78	44			39	44	57	47			-
24	75	45			41	43	67	43			-
25	78	45			43	43	68	43			-
26	79	45			44	44	69	47			-
27	78	44			39	41	57	42			-
28	75	45			44	43	74	43			-
29	79	50			51	43	93	43			-
30	78	45			44	44	69	47			-
31	78	44			43	34	68	35			-
Tot:											2.35

BAGH

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	44			39	44	57	47			-
2	76	45			43	44	74	47			-
3	76	45			44	43	74	43			-
4	78	46			44	43	69	43			-
5	79	50			51	39	93	27			-
6					53	50	65	34			-
7	85	58			49	53	59	83			-
8	79	50			51	39	93	27			-
9					53	50	65	34			-
10	85	58			49	48	59	31			-
11	86	59			52	49	64	33			-
12	82	57			47	37	58	26			-
13	80	52			45	26	69	17			-
14	79	50			42	37	63	27			-
15	78	47			37	41	60	35			-
16	76	46			33	33	53	30			-
17	76	45			29	33	47	30			-
18	76	45			33	36	53	34			-
19	77	44			31	31	48	28			-
20	76	45			30	46	51	51			-
21	76	46			34	38	54	43			-
22	67	50			47	48	81	87			0.19
23	67	45			45	45	86	86			0.64
24	57	45			45	45	80	80			0.18
25	58	46			45	45	93	86			0.14
26	51	39			29	44	47	61			0.28
27	66	40			36	43	76	52			-
28	66	41			43	45	85	53			-
29	65	41			38	50	77	71			-
30	67	41			35	40	69	47			-
Tot:											1.43
Ave:											

BACH

December 1972

	TEMPERATURES °F						Relative Humidity		Wind Move-	Evapo-	Rain
	Air		Pan Water		Dew Point						
1	68	41			36	42	70	52			-
2	68	44			32	44	57	49			-
3	71	44			34	42	63	49			-
4	73	46			44	41	74	45			-
5	69	5			34	38	58	43			-
6	68	41			31	35	61	44			-
7	69	42			30	37	51	48			-
8	60	46			37	42	65	79			-
9	56	43			42	41	85	85			-
10	48	36			36	41	91	85			1.36
11	48	37			34	39	75	62			0.14
12	59	36			29	39	66	53			-
13	63	36			29	34	66	43			-
14	65	38			29	39	66	53			-
15	62	38			31	41	74	67			-
16					41	45	73	86			-
17	50	44			43	45	85	86			0.16
18	50	45			45	48	93	87			-
19	53	44			44	46	92	86			0.76
20	51.	39			39	43	78	74			0.29
21	58	42			43	42	85	63			-
22	62	39			39	37	78	60			-
23	58	37			34	43	82	74			0.15
24					43	42	85	63			-
25	60	39			37	42	65	79			-
26	50	39			30	43	56	85			0.26
27	49	43			42	41	92	73			0.19
28	50	40			36	45	70	86			-
29	51	40			37	44	71	80			-
30	53	42			41	42	79	68			-
31	56	42			41	39	79	61			-
Tot:											3.34
Ave:											

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BAHAWALNAGAR - 1972

Location	Latitude 30°00', Longitude 73°15', in the Canal Rest House of Bahawalnagar.
Elevation	500 ± ft.msl.
Period of record	The observatory initially installed by Ground Water Development Organization of Irrigation Department and transferred to Surface Water Hydrology Project since February 1962. Old data available with Ground Water Development Organisation.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Maximum and Minimum Pan water temperature thermometer. Wet and Dry Bulb thermometers U.S. Weather Bureau Standard Evaporation Pan. Pyrheliometer.
Annual figures	Precipitation 7.46 inches Evaporation (Pan) 97.24 inches Absolute maximum air temperature 114°F Absolute minimum air temperature 34°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, maximum and minimum temperatures, are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Solar radiation is measured in langley's per day from midnight to midnight on the date shown. Blank space indicates no record. (-) indicates no precipitation.

BAHAWALNAGAR

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	74	41	66	44	40	49	91	54	296		0.09	-
2	70	39	65	43	37	47	83	51	296		0.08	-
3	70	38	65	42	40	53	91	56	198		0.09	-
4	74	39	63	42	41	49	92	51	240		0.09	-
5	71	36	65	40	39	51	91	52	240		0.09	-
6	72	34	65	39	39	48	91	47	226		0.10	-
7	72	34	64	39	35	32	82	29	240		0.08	-
8	67	34	65	38	37	45	91	49	198		0.09	-
9	71	36	62	38	88	51	52	52	226		0.11	-
10	74	34	64	39	32	45	66	49	242		0.12	-
11	70	34	64	38	35	54	90	60	155		0.10	-
12	72	36	64	39	33	47	74	49	254		0.12	-
13	70	41	63	40	39	44	77	51	212		0.10	-
14	70	40	61	43	41	43	92	47	311		0.08	-
15	66	39	64	42	41	40	92	35	170		0.09	-
16	72	41	66	43	39	52	84	53	282		0.12	-
17	74	43	68	45	41	51	84	46	240		0.09	-
18	72	42	67	45	43	51	92	49	212		0.11	-
19	73	44	64	45	43	55	85	58	226		0.08	-
20			67	46	47	51	74	59	141		0.09	-
21	71	50	64	46	46	51	79	49	184		0.10	-
22	74	47	62	46	33	41	56	46	296		0.06	-
23	64	42	65	43	41	45	84	52	212		0.16	-
24	65	43	65	43	39	43	84	44	226		0.08	-
25			63	44	48	53	93	58	184		0.08	-
26	68	46			46	54	85	60	240		0.07	-
27									85			-
28									141			-
29									155			-
30									184			0.02
31	73	41	68	43	54	53	88	82	127		0.34+	0.06
Tot:											2.81	0.08
Ave:												

+ 5 days observation.

BAHAWALNAGAR

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	64	54	59	53	53	47	93	69	-		0.02	0.25
2	60	46	59	48	48	49	100	70	-		0.04	-
3	62	42	63	43	44	44	92	51	339		0.06	-
4	66	41	67	43	39	46	84	64	240		0.11	-
5	62	42	61	43	39	32	84	34	367		0.08	-
6	64	37	64	39	34	38	68	44	339		0.13	-
7	64	36	65	40	35	35	82	36	339		0.12	-
8	64	34	65	38	32	34	66	29	339		0.15	-
9	69	34	66	38	31	45	60	38	367		0.16	-
10	76	36	68	40	35	44	68	35	339		0.18	-
11	76	35	68	40	34	41	68	46	282		0.19	-
12	65	44	66	42	32	38	61	51	381		0.13	-
13	62	38	62	38	24	38	55	44	353		0.11	-
14	62	36	63	37	32	38	66	44	311		0.12	-
15	64	36	65	40	35	32	82	34	325		0.16	-
16	64	40	65	40	33	32	67	32	353		0.14	-
17	66	38	65	39	35	37	74	40	381		0.15	-
18	65	36	66	40	35	30	90	26	367		0.16	-
19	68	37	68	41	39	28	84	21	367		0.18	-
20	72	42	71	44	43	51	92	47	353		0.19	-
21			74	47	41	49	61	34	367		0.21	-
22	80	50	75	46	41	47	61	31	353		0.23	-
23	84	48	75	47	46	43	74	31	339		0.21	-
24	79	45	75	48	34	23	62	16	339		0.25	-
25	76	41	70	44	22	34	43	29	339		0.22	-
26	70	36	70	45	29	28	46	27	381		0.21	-
27	66	36	68	45	32	35	66	30	381		0.19	-
28	70	38	70	41	38	34	76	26	353		0.20	-
29	74	38	72	42	38	32	83	23	367		0.21	-
Tot:											4.51	0.25
Ave:			67	42								

BAHAWALNAGAR

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Lang-Ley's	Wind Movement Miles	Evaporation inches	Rain inches
1	74	40	72	44	36	39	69	28	381		0.22	-
2	76	42	74	45	37	55	64	39	381		0.23	-
3	83	49	78	47	40	51	48	35	339		0.25	-
4	84	54	79	47	42	59	50	59	282		0.26	-
5	78	48	69	47	45	44	49	35	424		0.23	0.10
6	78	48	74	48	45	54	73	57	325		0.20	-
7	72	53	76	51	51	52	81	53	240		0.16	-
8	74	56	70	55	56	51	82	39	395		0.11	0.02
9	81	50	82	33	50	51	87	41	381		0.20	-
10	78	52	78	54	53	45	93	36	325		0.23	-
11	78	52	74	53	50	56	76	44	367		0.19	-
12	82	58	79	54	53	53	68	40	367		0.23	-
13	82	52	80	53	50	47	76	31	381		0.28	-
14	82	50	81	53	48	49	75	34	381		0.25	-
15	81	50	81	54	47	47	69	69	381		0.25	-
16	86	57	81	55	51	50	60	66	325		0.27	-
17	86	60	83	59	56	55	73	73	381		0.23	-
18	85	56	85	59	53	57	68	68	381		0.25	-
19	88	59	87	58	51	59	59	59	353		0.29	-
20	88	58	82	58	55	61	73	73	409		0.25	-
21	84	57	83	59	55	56	69	69	409		0.26	-
22	89	58	88	61	52	55	53	53	409		0.30	-
23	88	60	87	62	56	61	65	65	409		0.27	-
24	94	63	89	62	57	72	55	55	296		0.28	-
25	98	66	91	64	60	75	60	60	311		0.31	-
26	99	72	90	64	57	58	47	47	367		0.32	-
27	99	67	90	64	52	59	55	55	409		0.40	-
28	97	64	92	63	57	71	55	55	381		0.35	-
29	96	68	89	63	59	59	62	62	409		0.31	-
30	90	68	87	64	54	57	54	54	395		0.27	-
Tot:											7.95	0.12
Ave:	85	56	82	56								

BAHAWALNAGAR

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	92	58	89	60	54	49	60	26	452		0.32	-
2	92	61	89	60	59	54	46	26	424		0.33	-
3	97	62	90	59	49	53	43	24	409		0.37	-
4	98	72	88	59	54	56	54	36	395		0.39	-
5	90	60	87	54	56	60	65	42	424		0.32	-
6	87	59	88	59	54	57	54	34	452		0.30	-
7	90	62	90	60	54	60	51	34	409		0.32	-
8	94	67	91	63	55	49	49	36	339		0.32	-
9	88	63	80	58	56	48	61	28	395		0.39	-
10	86	58	84	59	56	51	65	30	452		0.29	-
11	88	58	89	59	59	57	59	33	424		0.32	-
12	92	62	91	63	57	56	53	31	438		0.33	-
13	98	61	92	64	54	61	48	28	452		0.34	-
14	102	67	92	62	32	67	36	34	424		0.38	-
15	104	68	94	64	67	54	60	21	424		0.49	-
16	102	72	92	58	62	59	64	37	325		0.44	-
17	90	66	86	64	62	71	75	74	311		0.37	0.27
18	82	60	81	61	61	66	79	51	494		0.20	0.11
19	89	63	87	62	61	60	71	42	508		0.25	-
20	92	62	89	60	56	57	52	30	494		0.33	-
21	97	62	91	59	57	60	55	38	409		0.43	-
22	92	68	89	63	67	47	73	23	282		0.28	-
23	92	66	84	65	67	57	73	33	452		0.25	-
24	91	66	90	67	67	56	60	31	508		0.32	-
25	93	67	92	66	62	59	58	30	466		0.35	-
26	98	70	96	68	67	59	60	28	438		0.40	-
27	99	70	94	66	66	64	63	35	339		0.38	-
28	98	71	94	65	68	68	70	38	438		0.41	-
29	100	72	95	65	71	64	78	40	508		0.46	-
30	94	64	95	64	59	64	57	33	508		0.35	-
Tot:											10.43	0.38
Ave:	94	65	90	62								

BAHAWALNAGAR

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity % Percent 8 AM	Relative Humidity % Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	100	72	96	64	51	59	30	31	424		0.27	-
2	96	74	94	66	54	64	43	35	438		0.37	-
3	98	71	97	66	58	67	50	38	438		0.35	-
4	99	70	97	66	62	68	5	38	367		0.30	-
5	100	72	97	64	61	71	51	39	494		0.38	-
6	102	74	101	65	59	71	46	41	480		0.40	-
7	100	66	97	65	58	62	48	37	494		0.36	-
8	94	70	91	68	67	79	60	54	424		0.38	-
9	100	72	95	72	71	64	74	36	438		0.31	-
10	98	70	94	71	65	66	62	36	438		0.35	-
11	100	73	95	71	68	71	66	35	466		0.36	-
12	105	73	97	70	68	71	63	35	409		0.40	-
13	109	74	100	72	68	70	60	29	395		0.45	-
14	111	76	103	73	63	68	47	36	395		0.46	-
15	110	74	105	72	65	81	33	45	452		0.43	-
16	108	76	104	72	66	72	56	35	438		0.40	-
17	106	74	102	71	66	71	51	35	480		0.35	-
18	106	74	100	71	70	76	67	37	466		0.34	-
19	110	72	102	71	71	77	61	37	522		0.47	-
20	110	72	102	69	65	78	51	38	494		0.46	-
21	112	80	103	71	65	77	44	35	466		0.46	-
22	114	86	104	76	67	75	49	40	367		0.53	-
23	108	85	99	75	63	69	46	34	296		0.568	-
24	104	80	97	74	63	74	46	44	395		0.48	-
25	102	82	95	74	66	74	51	44	480		0.40	-
26	101	80	96	70	64	71	48	41	508		0.35	-
27	100	76	98	68	63	74	43	39	522		0.35	-
28	105	74	101	66	63	74	46	37	522		0.41	-
29	106	72	102	63	61	82	47	51	466		0.43	-
30	108	74	104	66	59	80	37	47	466		0.49	-
31	106	77	102	67	62	77	41	47	409		0.47	-
Tot:											12.74	0.00
Ave:												

BAHAWALNAGAR

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	103	76	100	68	62	72	41	43	424		0.42	-
2	100	78	97	72	67	70	41	41	409		0.36	-
3	108	80	97	71	64	78	48	52	296		0.40	-
4	100	71	90	69	68	79	42	56	409		0.42	0.15
5	98	74	93	70	75	78	75	52	395		0.38	0.21
6	101	70	99	67	71	78	74	49	494		0.44	0.18
7	100	80	99	71	68	64	58	48	452		0.35	0.02
8	104	72	99	69	67	74	60	44	424		0.30	-
9	101	76	95	71	68	73	58	39	409		0.49	-
10	104	77	99	73	76	70	66	31	424		0.53	-
11	110	82	101	75	69	72	42	33	395		0.55	-
12	108	84	96	77	71	68	51	29	381		0.49	-
13	108	84	95	77	74	70	55	31	424		0.48	-
14	110	82	100	79	78	70	64	31	409		0.55	-
15	108	84	98	76	75	78	57	39	438		0.49	-
16	110	88	96	76	74	75	60	38	424		0.60	-
17	107	87	97	77	74	76	60	33	438		0.51	-
18	112	87	99	77	73	82	59	47	325		0.60	-
19	106	86	93	77	71	87	58	66	212		0.48	-
20	102	88	93	75	76	90	63	72	240		0.48	-
21	102	88	95	79	75	81	63	37	353		0.46	-
22	106	84	98	75	73	75	48	38	325		0.52	-
23	110	83	102	77	74	66	52	27	395		0.55	-
24	110	86	104	78	76	71	51	34	311		0.57	-
25	107	86	100	79	77	75	58	36	381		0.51	-
26	108	88	102	80	83	77	71	47	424		0.44	-
27	103	84	99	77	77	77	69	51	353		0.52	-
28	100	82	97	76	77	78	76	49	438		0.54	-
29	103	83	103	77	78	75	67	49	438		0.49	-
30	104	85	104	78	79	82	70	47	424		0.53	-
Tot:											14.45	0.56
Ave:	105	82	98	75								

BAHAWALNAGAR

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	103	76			80	78	65	49	409		0.48	-
2	104	82	102	80	77	77	58	42	466		0.39	-
3	106	89	103	81	77	78	58	41	424		0.44	-
4	108	84	103	77	79	74	70	44	381		0.49	-
5	100	80	97	73	77	72	69	43	311		0.57	-
6	100	74	97	71	74	75	83	60	282		0.52	0.01
7	92	78	97	73	77	77	76	56	325		0.28	-
8	95	75	98	71	74	77	83	61	438		0.39	-
9	94	80	96	74	78	78	83	67	367		0.37	-
10	92	80	96	74	81	77	84	91			0.29	-
11	96	78	100	75	81	81	87	74			0.20*	2.02
12	99	73	100	72	76	79	87	70			.25*	1.08
13	91	78	96	74	74	82	78	65	381		0.24	0.15
14	96	81	100	78	80	84	76	60	325		0.21	-
15	100	85	101	79	77	81	67	53	395		0.32	-
16	102	86	101	81	81	83	70	56	311		0.36	-
17	104	86	99	77	76	76	66	47	311		0.39	-
18	100	86	94	77	73	87	62	64	381		0.45	-
19	101	86	97	79	79	80	73	54	311		0.34	-
20	100	82	97	76	79	78	84	52	424		0.37	-
21	100	84	98	78	76	75	66	49	353		0.36	-
22	100	85	96	77	73	74	62	44	353		0.45	-
23	100	86	93	75	73	70	59	38	353		0.38	-
24	101	84	93	75	73	81	59	55	381		0.34	-
25	101	84	93	75	73	77	65	45	282		0.36	-
26	102	84	96	77	75	84	75	60	226		0.43	-
27	100	84	90	74	74	79	68	54	282		0.33	-
28	99	86	95	78	75	73	63	40	395		0.31	-
29	102	84	95	76	75	70	72	36	282		0.41	-
30									296			-
31	102	82	95	74	77	78	69	52	367		1.03+	-
Tot:											11.75	3.26
Ave:												

Estimated evaporation.
2 days observation.

BAHAWALNAGAR

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	100	80	96	76	75	74	63	42	240		0.36	-
2	104	82	98	76	73	74	59	42	224		0.45	-
3	104	84	95	75	79	83	70	56	325		0.42	-
4	102	84	94	97	73	74	62	42	409		0.39	-
5	102	84	95	76	73	83	62	60	353		0.39	-
6	99	84	96	76	74	84	65	63	424		0.46	-
7	99	84	97	76	80	85	76	63	367		0.40	-
8	100	84	98	77	79	78	73	73	353		0.32	-
9	103	78	104	76	73	79	82	59	282		0.42	0.49
10	96	78	99	75	81	81	84	55			0.26	-
11	100	82	104	78	77	79	76	59	395		0.27	-
12	97	80	101	74	75	86	75	75	424		0.30	-
13	95	81	97	74	80	83	87	68	480		0.37	-
14	97	80	107	75	81	76	96	75	325		0.29	-
15	90	77	91	73	75	84	79	77	353		0.23	0.01
16	94	80	99	76	81	79	80	56	381		0.30	-
17	98	81	02	76	81	79	84	54	339		0.38	-
18	98	79	99	74	78	76	79	63	409		0.37	-
19	94	79	98	76	76	76	79	87	226		0.36	-
20	88	77	88	72	77	75	87	95	226		0.16	0.01
21	89	74	88	72	73	76	95	83	198		0.11*	1.50
22	84	72	86	72	76	79	87	73	438		0.12	0.46
23	89	80	97	75	76	80	79	74	438		0.22	-
24	92	79	98	76	79	81	87	70	452		0.38	-
25	93	78	100	74	79	81	87	70	424		0.36	-
26	93	78	98	75	78	83	83	71	424		0.34	-
27	94	80	99	77	78	81	83	68	325		0.29	-
28	95	79	97	75	79	81	87	70	381		0.28	-
29	94	80	98	76	79	79	87	70	268		0.28	-
30	92	81	95	78	81	79	91	67	254		0.22	-
31	95	80	99	77	79	82	91	62	409		0.27	-
Tot:											9.77	2.47
Ave:	96	80	97	75								

* Estimated evaporation.

BAHAWALNAGAR

eptember 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	98	79	102	74	78	78	83	64	282		0.31	-
2	98	80	101	76	81	87	84	66	438		0.32	-
3	102	80	102	75	71	75	61	49	452		0.37	-
4	100	80	94	74	73	76	75	51	381		0.33	-
5	98	78	93	72	73	75	75	49	381		0.30	-
6	98	78	95	71	73	75	71	49	424		0.36	-
7	99	76	94	71	72	78	68	56	409		0.38	-
8	97	78	95	71	72	77	68	56	395		0.34	-
9	96	78	95	71	70	83	67	63	424		0.36	-
10	98	78	96	71	69	68	60	38	424		0.39	-
11	98	79	90	74	75	80	75	65	353		0.35	-
12	95	78	96	74	75	85	75	69	395		0.30	-
13	98	78	99	76	72	84	75	69	353		0.30	-
14	97	77	99	71	73	80	71	65	353		0.36	-
15	94	78	98	72	72	81	75	57	424		0.31	-
16	100	78	97	72	75	82	75	65	381		0.33	-
17	98	79	98	74	75	79	75	73	311		0.33	-
18	92	77	98	72	76	65	83	65	381		0.31	-
19	92	70	90	65	66	77	85	69	339		0.26	0.09
20	89	71	90	67	73	67	86	49	325		0.27	-
21	90	68	93	68	65	67	72	49	395		0.32	-
22	91	64	92	66	64	67	72	49	395		0.34	-
23	90	63	91	65	65	63	80	41	395		0.24	-
24	92	63	91	64	62	71	71	51	395		0.25	-
25	94	64	91	65	59	73	57	52	381		0.24	-
26	95	64	90	65	62	73	64	50	367		0.24	-
27	98	66	93	63	59	73	57	52	381		0.26	-
28	96	68	87	66	60	70	60	47	395		0.26	-
29	96	66	87	64	61	70	63	47	409		0.30	-
30	98	68	88	64	67	76	73	53	424		0.30	-
Tot:											9.33	0.09
Ave:	96	73	94	70								

BAHAWALNAGAR

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	99	66	91	65	65	80	65	62			0.2[illegible]	-
2	99	67	91	65	63	77	64	54	369		0.26	-
3	101	67	93	64	63	81	58	68	325		0.28	-
4	96	68	92	67	67	81	73	70	367		0.23	-
5	96	68	92	67	64	79	72	67	282		0.23	-
6	94	70	91	68	70	76	81	63	353		0.22	-
7	92	66	92	63	66	75	80	75	339		0.23	-
8	86	66	87	65	69	79	86	70	325		0.20	-
9	94	66	90	64	67	79	73	70	325		0.23	-
10	93	64	90	64	65	77	72	63	339		0.21	-
11	95	63	91	65	60	77	70	61	381		0.21	-
12	96	63	88	63	64	81	72	62	381		0.23	-
13	9[illegible]	64	88	64	63	80	80	65	339		0.22	-
14	9[illegible]	64	91	64	64	82	72	65	325		0.22	-
15	9[illegible]	64	93	63	62	82	71	77	367		0.24	-
16	9[illegible]	65	89	61	57	78	55	64	311		0.20	-
17	9[illegible]	64	88	62	62	80	71	74	339		0.23	-
18	9[illegible]	62	88	61	60	71	70	58	325		0.20	-
19	9[illegible]	62	85	60	56	70	65	67	282		0.19	-
20	8[illegible]	63	84	61	60	77	79	69	296		0.17	-
21	9[illegible]	66	85	62	60	61	70	47	282		0.19	-
22	9[illegible]	58	84	57	53	69	72	73	353		0.21	-
23	8[illegible]	56	80	56	55	64	77	55	367		0.16	-
24	8[illegible]	56	80	57	57	70	78	67	311		0.16	-
25	8[illegible]	56	82	58	57	73	83	75	325		0.16	-
26	8[illegible]	56	82	58	55	66	77	63	339		0.15	-
27	8[illegible]	54	81	57	53	70	73	67	311		0.16	-
28	8[illegible]	54	81	54	54	70	73	67	296		0.16	-
29	8[illegible]	54	80	56	55	72	77	68	282		0.15	-
~~30~~	8[illegible]	54	80	54	56	69	73	64	282		0.18	-
31	8[illegible]	54	80	54	53	71	68	64	282		0.20	-
Tot:											6.36	0.00
Ave:	91	62	87	61								

BAHAWALNAGAR

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	87	54	79	55	51	71	62	64	268		0.18	-
2	88	56	81	55	55	71	73	64	282		0.20	-
3	88	55	81	56	64	72	73	68	296		0.18	-
4	87	54	81	57	55	72	77	71	311		0.12	-
5	86	53	81	56	52	68	87	58	311		0.15	-
6	89	56	80	57	52	74	87	83	240		0.17	-
7	88	55	81	56	54		88		282		0.18	-
8									311			-
9									311			-
10	90	54	82	56	54	68	88	55	311		0.50+	-
11	89	53	80	55	54	69	88	60	353		0.16	-
12	89	52	78	55	56	71	88	67	296		0.15	-
13	86	54	78	56	56	73	88	75	226		0.16	-
14	84	55	79	57	55	70	77	67	240		0.14	-
15	86	57	78	56	53	71	68	70	254		0.11	-
16	86	58	78	56	51	67	66	66	254		0.15	-
17	84	59	77	57	55	67	77	69	254		0.17	-
18	83	55	77	56	55	70	88	74	254		0.16	-
19	84	55	78	66	55	69	82	70	282		0.14	-
20	85	55	78	66	54	71	77	67	198		0.14	-
21	87	56	78	55	55	67	77	73	170		0.15	-
22	80	61	74	56	55	59	77	62	141		0.12	-
23	76	53	72	52	51	60	87	70	254		0.11	-
24	74	52	73	52	52	55	93	69	268		0.10	-
25	71	50	72	50	48	53	86	64	339		0.11	-
26	70	48	71	49	47	55	80	77	282		0.12	-
27	66	53	65	49	54	56	88	65	212		0.08	-
28	72	50	71	52	51	60	93	70	254		0.10	-
29	72	47	72	50	48	58	93	66	268		0.10	-
30	74	48	71	50	48	59	86	62	240		0.10	-
Tot:											4.25	0.00
Ave:												

+ 3 days observation.

BAHAWALNAGAR

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	76	47	72	50	48	64	86	68	268		0.10	-
2	78	46	72	49	46	67	79	77	282		0.11	-
3	78	46	71	50	48	63	86	75	254		0.12	-
4	78	46	71	49	48	60	93	70	254		0.12	-
5	74	48	70	51	50	61	93	75	198		0.16	-
6	74	47	69	49	47	63	86	84	198		0.12	-
7	73	47	69	48	49	62	86	84	240		0.10	-
8	72	45	69	48	47	63	86	80	226		0.11	-
9	73	46			49	61	86	84	240		0.10	-
10	72	45	69	43	50	40	93	35	184		0.10	-
11	73	46	70	45	48	50	93	62	226		0.11	-
12	66	44	65	44	43	55	85	69	325		0.10	-
13	70	45	67	45	46	59	92	74	296		0.09	-
14	73	44	69	47	40	61	84	79	311		0.10	-
15	74	44	69	45	46	59	85	79	198		0.11	-
16	71	48	64	46	46	50	85	55	240		0.09	-
17	74	47	67	46	50	56	87	73	99		0.11	0.02
18	71	47	66	45	46	57	92	69	113		0.04	-
19	72	48	68	47	48	59	93	74	184		0.06	-
20	72	47	67	46	46	56	85	65	240		0.05	-
21	73	46	70	49	46	59	92	74	240		0.08	-
22	72	48	68	48	47	59	93	74	226		0.10	-
23	72	49	68	47	46	61	85	94	198		0.11	-
24	68	46	66	46	47	55	93	77	141		0.08	-
25	65	50	62	46	46	51	79	62	184		0.07	-
26	68	48	66	47	47	53	93	76	141		0.09	-
27	66	49	60	47	46	57	85	78	226		0.01	0.04
28	67	48	67	48	47	51	93	76	184		0.11	0.14
29	62	36	60	38	30	48	72	75	268		0.06	0.05
30	59	36	60	37	33	47	81	69	184		0.09	-
31	62	36	58	36	35	49	90	58	240		0.09	-
Tot:											2.89	0.25
Ave:	71	46										

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BAHAWALPUR - 1972

Location Latitude 29°24', Longitude 71°38', in the premises of Grid station at Bahawalpur.

Elevation

Period of record Observatory was installed by Surface Water Hydrology Project on 23.4.1969. Pakistan Meteorological Department also maintains an observatory at Bahawalpur.

Instruments 5" Non-recording rain gauge.
Maximum and Minimum air temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau Standard evaporation pan.

Annual figures

Precipitation	1.37 inches
Evaporation (Pan)	165.66 inches
Absolute Maximum air temperature	116°F
Absolute Minimum air temperature	31°F

Remarks Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures, are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) indicates no precipitation.

BAHAWALPUR

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evapo-Evaporation inches	Rain inches
1	74	41			32	43	61	44		0.14	-
2	71	38			32	45	55	49		0.11	-
3	71	41			22	41	36	43		0.09	-
4	72	38			23	41	49	41		0.13	-
5	68	35			28	37	58	33		0.11	-
6	70	36			34	37	68	35		0.10	-
7	68	34			22	32	43	28		0.12	-
8	68	38			6	30	19	26		0.12	-
9	69	38			19	40	28	40		0.12*	-
10	70	34			22	33	43	31		0.13	-
11	71	39			6	34	19	29		0.13	-
12	73	36			25	43	50	44		0.15	-
13	69	40			19	45	28	55		0.10	-
14	70	39			32	40	61	42		0.11	-
15	67	36			28	40	48	37		0.14	-
16	69	37			23	45	34	55		0.10	-
17	71	39			32	28	40	22		0.11	-
18	72	42			34	41	62	38		0.14	-
19	73	44			37	45	64	46		0.14	-
20	69	48			40	45	56	49		0.10	-
21	71	46			39	51	65	59		0.10	-
22	74	45			38	35	70	39		0.08	-
23	64	40			33	38	67	41		0.15	-
24	65	39			32	25	55	21		0.12	-
25	68	44			36	35	58	34		0.10	-
26	68	42			34	32	68	32		0.12	-
27	69	41			32	38	66	44		0.11	-
28	67	42			36	40	69	42		0.08	-
29	73	46			49	47	93	65		0.14	-
30	68	49			49	51	80	76		0.09	
31	63	53			49	50	86	76		0.02	0.13
Tot:										3.50	0.13
Ave:	70	41									

* Estimated evaporation.

BAHAWALPUR

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidigy Percent 8 A.M	Relative Humidigy Percent 5 P.M	Wind Move-ment Miles	Evapo-ration inches	Rain inches
1	60	51			42	52	72	81		0.02*	0.25
2	58	44			43	46	85	79		0.03	-
3	56	41			36	43	75	78		0.02	-
4	54	38			34	40	68	56		0.02	-
5	56	38			26	32	51	37		0.10	-
6	62	33			20	14	51	19		0.16	-
7	62	32			25	21	46	18		0.15	-
8	66	43			22	21	43	17		0.17	-
9	67	34			14	28	30	19		0.19	-
10	73	40			3	28	14	18		0.26	-
11	75	43			27	41	47	49		0.25	-
12	63	36								0.25	-
13	57	35			14	45	33	49		0.17	-
14	65	36			16	37	34	40		0.19	-
15	63	38			22	32	43	34		0.20	-
16	61	35			24	33	45	33		0.17	-
17	63	34			25	34	46	29		0.14	-
18	69	37			22	23	43	18		0.16	-
19	71	42			34	11	48	9		0.14	-
20	74	44			27	15	33	9		0.27	-
21	78	50			22		28			0.22	-
22	83	47								0.31	-
23	81	49			43	39	67	28		0.23	-
24	76	50								0.26	-
25	70	38								0.23	-
26	68	39								0.18	-
27	68	34								0.22	-
28	72	42								0.24	-
29	74	38								0.21	-
Tot:										5.10	0.25
Ave:	67	40									

Estimated evaporation.

BAHAWALPUR

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	30			26	-6	31	4		0.12	-
1	79	42			18		18	1		0.27	-
3	83	39			18	4	18	3		0.32	-
4	86	35			42	62	42	75		0.36	-
5	70	46			49	57	54	53		0.19	-
6	76	53			49	38	70	26		0.22	-
7	76	59			51	43	61	39		0.20	-
8	74	51			52	43	87	32		0.16	-
9	81	51			49	42	81	28		0.28	-
10	79	54			45	53	58	40		0.25	-
11	79	52			48	46	55	33		0.27*	-
12	81	38			38	19	53	10		0.28	-
13	82	47			45	19	41	9		0.33	-
14	82	48			45	31	59	15		0.32	-
15	85	54			43	29	47	13		0.29	-
16	87	62			45	48	46	28		0.41	-
17	87	58			49	46	58	27		0.39	-
18	87	62			43	49	41	30		0.37	-
19	83	64			47	48	49	28		0.42	-
20	89	59			47	47	47	25		0.40	-
21	91	58			56	47	52	25		0.42	-
22	89	59			47	56	47	32		0.38	-
23	93	63			59	50	53	23		0.38	-
24	97	67			51	47	39	18		0.41	-
25	99	70			52	50	50	20		0.42	-
26	101	71			59	53	53	22		0.43	-
27	99	69			75	59	95	34		0.38	-
28	96	66			57	50	55	23		0.43	-
29	96	63			55	45	58	22		0.44	-
30	92	64			60	50	60	23		0.42	0.03
31	93	69			57	51	58	27		0.41	-
Tot:										10.48	0.03
Ave:	86	58									

* Estimated evaporation.

BAHAWALPUR

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	67			48	25	40	8		0.46	-
2	96	59			33	25	21	8		0.42	-
3	97	68			28	32	18	10		0.53	-
4	99	72			48	45	38	22		0.68	-
5	93	61			53	44	53	23		0.50	-
6	89	65			54	36	46	14		0.46	-
7	93	61			51	36	39	14		0.44	-
8	97	68			50	42	39	23		0.51	-
9	88	63			48	36	38	16		0.48	-
10	89	59			45	26	32	10		0.51	-
11	93	61			54	31	43	10		0.49	-
96	6	67			44	29	28	9		0.45	-
13	100	67			37	23	19	6		0.76	-
14	104	68			49	34	29	10		0.60	-
15	104	76			63	35	43	11		0.71	-
16	104	75			51	50	35	23		0.78	-
17	93	68			64	63	68	75		0.58	0.06
18	83	58			62	57	84	38		0.25	0.03
19	85	67			60	46	63	23		0.39	-
20	90	67			51	35	35	12		0.57	-
21	95	67			44	43	33	21		0.71	-
22	88	73			46	50	33	37		0.64	-
23	89	64			58	46	45	21		0.58	-
24	91	67			55	49	37	20		0.64	-
25	96	70			61	45	44	15		0.78	-
26	101	73			51	49	27	19		0.75	-
27	103	77			56	56	40	28		0.69	-
28	95	70			61	55	54	28		0.72	-
29	95	67			60	49	48	20		0.67	-
30	98	67			52	49		19		0.77	-
Tot:										17.52	0.09
Ave:	95	67									

BAHAWALPUR

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	103	74			49	50	26	23		0.71	-
2	101	71			54	55	37	27		0.69	-
3	98	70			57	48	40	22		0.73	-
4	100	75			54	59	37	25		0.80	-
5	103	75			59	64	44	32		0.74	-
6	100	77			65	50	51	20		0.63	-
7	99	71			60	62	48	34		0.71	-
8	97	75			59	59	37	25		0.66	-
9	105	76			63	62	39	28		0.79	-
10	106	76			65	59	44	22		0.75	-
11	107	72			65	57	36	21		0.82	-
12	102	78			63	61	30	24		0.78	-
13	112	81			60	65	31	26		0.86	-
14	109	82			59	63	41	30		0.77	-
15	102	77			57	61	37	24		0.63	-
16	108	77			57	61	27	22		0.69	-
17	109	76			64	63	33	23		0.74	-
18	111	76			61	58	35	20		0.65	-
19	111	73			64	61	35	20		0.82	-
20	114	71			65	65	35	22		0.79	-
21	115	74			64	75	35	30		0.79	-
22	116	85			73	73	62	32		0.88	-
23	115	85			75	71	63	36		0.82	-
24	107	77			57	70	33	38		0.76	-
25	107	72			59	69	31	39		0.81	-
26	106	66			58	57	32	23		0.77	-
27	107	69			59	67	31	32		0.84	-
28	107	69			61	72	35	35		0.89	-
29	108	66			67	69	45	31		0.86	-
30	107	74			64	71	33	32		0.91	-
31	111	86			67	77	46	37		0.34	-
Tot:										23.93	0.00
Ave:	103	75									

BAHAWALPUR

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	111	88			77	78	51	38		0.97	-
2	113	89			69	77	39	37		0.92	-
3	110	84			78	71	52	34		0.86	-
4	108	76			57	65	37	28		0.79	
5	107	77			61	64	44	29		0.83	-
6	102	74			65	59	51	24		0.89	-
7	104	81			65	60	41	24		0.93	-
8	106	82			69	54	50	18		0.86	-
9	107	78			67	59	45	24		0.91	-
10	107	81			61	63	32	22		0.87	-
11	113	79			66	70	34	27		0.97	-
12	114	88			70	77	44	37		0.89	-
13	111	89			76	75	58	34		0.81	-
14	113	90			73	78	52	36		0.93	-
15	113	87			75	81	60	41		0.87	-
16	112	86			77	81	63	57		0.79	-
17	110	86			77	78	58	38		0.77*	-
18	112	86			77	79	63	37		0.75	-
19	115	85			75	81	65	57		0.83	-
20	112	87			76	80	63	43		0.79	-
21	108	89			76	82	58	46		0.72	-
22	110	90			68	71	42	32		0.85	-
23	112	90			74	75	42	35		0.89	-
24	112	92			78	73	52	32		0.78	-
25	111	72			76	75	51	34		0.81	-
26	111	91			76	75	47	36		0.77	-
27	87	75			77	60	47	47		0.72	-
28	104	91			77	72	61	54		0.69	-
29	105	83			76	77	58	47		0.76	-
30	107	89			77	79	63	48		0.88	-
Tot:										25.10	0.00
Ave:	110	85									

* Estimated evaporation.

BAHAWALPUR

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	106	86			74	76	55	45		0.93	-
2	106	91			79	78	61	46		0.79	-
3	109	88			73	78	48	44		0.86	-
4	108	87			76	75	63	46		0.82	-
5	105	85			75	78	65	49		0.77	-
6	107	76			72	71	71	56		0.78	0.30
7	89	80			75	72	69	43		0.54	-
8	98	78			73	71	65	43		0.69	-
9	99	83			78	78	69	59		0.63	-
10	97	79			75	78	65	56		0.52	-
11	99	83			76	81	63	57		0.60	-
12	103	74			77	79	76	67		0.57	0.45
13	95	85			75	74	69	48		0.49	-
14	102	87			75	72	60	37		0.69	-
15	105	88			74	71	60	35		0.76	-
16	105	88			74	72	55	35		0.70	-
17	106	86			74	69	60	32		0.66	-
18	103	85			73	71	62	41		0.73	-
19	103	87			76	73	66	42		0.79	-
20	103	87			73	70	57	38		0.71	-
21	103	87			74	72	57	38		0.68	-
22	104	83			73	68	52	31		0.76	-
23	105	85			72	67	59	32		0.83	-
24	104	85			73	69	57	32		0.77	-
25	104	84			73	72	62	35		0.71	-
26	106	83			72	73	62	40		0.86	-
27	103	84			75	72	63	40		0.69	-
28	103	84			74	72	65	35		0.75	-
29	106	82			72	65	62	30		0.81	-
30	104	81			73	73	65	42		0.72	-
31	101	85			74	71	60	41		0.67	-
Tot:										22.28	0.75
Ave:	103	84									

BAHAWALPUR

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	101	83			74	67	60	33		0.61	-
2	103	84			74	72	55	38		0.70	-
3	106	85			76	73	63	40		0.79	-
4	105	85			75	73	63	42		0.81	-
5	102	84			75	75	65	46		0.76	-
6	102	84			78	80	69	57		0.69	-
7	99	84			80	77	70	47		0.73	-
8	102	85			81	80	70	50		0.55	-
9	104	81				79		52		0.64	-
10	102	83			80	79	70	50		0.67	-
11	103	80			78	78	64	52		0.71	-
12	104	84			76	79	66	54		0.79	-
13	105	84			75	78	69	52		0.75	-
14	102	84			80	76	74	53		0.69	-
15	102	77			80	84	87	96		0.61	-
16	96	82			83	82	81	60		0.77	-
17	102	84			77	79	69	48		0.72	-
18	105	81			81	74	80	46		0.65	0.06
19	99	79			77	75	72	60		0.79	-
20	97	81			76	75	75	72		0.47	-
21	95	76			77	73	79	54		0.30	-
22	93	77			77	75	69	46		0.33	-
23	97	81			79	76	70	45		0.37	-
24	99	81			72	74	62	44		0.51	-
25	100	82			75	75	63	49		0.48	-
26	98	82			73	51	68	19		0.40	-
27	101	84			56	53	31	20		0.59	-
28	103	77			63	57	43	23		0.43	-
29	104	82			79	69	73	50		0.39	-
30	97	79			76	75	75	49		0.36	-
31	99	85			79	73	61	40		0.43	-
Tot:										18.49	0.06
Ave:	101	82									

BAHAWALPUR

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	83			77	73	69	42		0.44	-
2	101	81			73	71	54	36		0.42	-
3	106	79			72	69	65	37		0.51	-
4	103	78			71	72	67	43		0.47	-
5	101	79			72	71	65	39		0.54	-
6	101	79			72	69	68	39		0.49	-
7	101	79			72	68	59	38		0.43	-
8	100	78			71	71	61	43		0.46	-
9	100	78			71	70	58	44		0.45	-
10	98	78			71	69	64	39		0.41	-
11	102	77			67	71	52	39		0.39	-
12	103	81			72	70	59	41		0.46	-
13	101	83			70	75	51	43		0.47	-
14	106	83			73	73	62	44		0.40	-
15	104	81			75	74	63	44		0.46	-
16	103	77			77	78	69	56		0.48	-
17	99	81			77	76	72	60		0.39	-
18	96	81			72	77	59	61		0.36	-
19	97	73			67	72	69	65		0.49	-
20	88	71			69	51	70	24		0.34	-
21	92	60			65	57	76	34		0.42	-
22	93	63			58	58	50	35		0.37	-
23	95	61			56	54	44	26		0.41	-
24	96	80			72	76	59	58		0.46	-
25	97	73			66	71	69	64		0.37	-
26	93	63			56	57	46	34		0.39	-
27	98	78			71	69	64	39		0.43	-
28	99	81			77	76	72	60		0.48	-
29	101	83			70	75	51	43		0.39	-
30	103	82			77	78	69	56		0.47	-
Tot:										13.05	0.00
Ave:	99	77									

BAHAWALPUR

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	85			79	73	61	40		0.39	-
2	102	83			77	78	69	42		0.37	-
3	101	81			75	70	79	44		0.42	-
4	100	63			63	59	47	27		0.44	-
5	102	62			64	60	48	31		0.49	-
6	97	69			58	63	45	39		0.41	-
7	96	68			59	60	51	38		0.38	-
8	95	67			59	63	53	41		0.38	-
9	96	64			62	63	55	39		0.35	-
10	95	61			63	66	50	43		0.33	-
11	97	64			56	57	52	30		0.39	-
12	98	63			63	64	58	40		0.41	-
13	99	62			61	70	57	51		0.43	-
14	100	60			60	67	60	47		0.47	-
15	100	61			58	68	48	50		0.47	-
16	99	63			57	70	47	55		0.39	-
17	98	59			58	71	48	54		0.34	-
18	97	60			61	69	57	58		0.40	-
19	88	64			59	69	66	64		0.42	-
20	89	62			61	68	63	66		0.38	-
21	90	60			63	68	61	60		0.41	-
22	87	58			60	67	60	63		0.36	-
23	85	55			61	65	57	56		0.31	-
24	86	57			59	64	57	59		0.40	-
25	85	54			59	64	59	55		0.38	-
26	85	56			57	65	55	56		0.42	-
27	86	54			60	66	60	56		0.43	-
28	87	55			58	67	59	57		0.39	-
29	88	53			56	69	61	60		0.45	-
30	89	52			53	72	56	65		0.39	-
31	88	54			49	71	54	64		0.41	-
Tot:										12.41	0.00
Ave:	94	62									

BAHAWALPUR

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	55			52	70	63	61		0.43	-
2	90	54			53	73	64	68		0.46	-
3	87	55			58	71	59	61		0 40	-
4	88	56			58	71	78	61		0.37	-
5	91	55			57	73	74	68		0.42	-
6	92	56			58	74	70	68		0.43	-
7	92	59			59	73	70	68		0.41	-
8	91	54			60	73	70	71		0.36	-
9	90	63			61	71	71	64		0.39	-
10	91	52			58	72	78	68		0.52	-
11	88	52			53	70	76	61		0.28	-
12	88	54			55	71	73	70		0.37	-
13	84	56			57	68	74	60		0.31	-
14	86	56			59	71	66	64		0.33	-
15	87	59			56	70	78	67		0.29	-
16	85	58			59	72	70	68		0.32	-
17	87	57			57	68	74	63		0.29	-
18	84	59			60	69	70	70		0.30	-
19	86	59			58	71	78	74		0.27	-
20	88	57			57	68	74	70		0.33	-
21	87	55			57	67	78	69		0.30	-
22	83	60			60	65	84	72		0.34	-
23	76	54			55	62	82	71		0.29	-
24	74	52			52	61	81	75		0.28	-
25	72	50			50	59	81	74		0.31	-
26	70	46			48	55	70	69		0.33	-
27	71	50			53	57	76	65		0.20	-
28	73	49			56	57	73	62		0.18	-
29	76	47			47	59	74	66		0.15	-
30	77	49			45	59	63	62		0.18	-
Tot:										9.84	0.00
Ave:	84	55									

BAHAWALPUR

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	79	47			49	60	66	63		0.17	-
2	80	45			46	60	64	63		0.16	-
3	81	44			44	59	55	66		0.18	-
4	76	47			42	59	58	62		0.19	-
5	77	47			43	45	58	40		0.16	-
6	82	46			49	45	86	38		0.12	-
7	76	50			41	46	53	41		0.17	-
8	77	55			44	51	58	52		0.14	-
9	74	55			47	44	69	51		0.14	-
10	66	45			45	45	85	52		0.13	-
11	65	43			45	40	85	40		0.13	-
12	68	40			42	35	62	30		0.11	-
13	72	43			34	34	48	26		0.13	-
14	75	41			32	41	40	41		0.18	-
15	74	52			42	28	58	22		0.15	-
16	72	50			38	32	60	28		0.13	-
17	71	52			45	40	63	42		0.11	-
18	71	53			50	53	81	68		0.05	0.06
19	66	53			51	43	81	41		0.07	-
20	69	49			48	51	80	52		0.12	-
21	70	46			47	49	86	51		0.10	-
22	72	50			38	43	55	37		0.12	-
23	72	50			41	34	71	26		0.14	-
24					45	47	73	57		0.13	-
25	68	50			46	44	79	48		0.12	-
26	66	49			45	53	79	76		0.11	-
27	61	47			42	44	72	55		0.06	-
28	64	48			26	41	38	53		0.12	-
29	62	36			23	40	49	56		0.10	-
30	61	33			24	28	45	32		0.13	-
31	65	31			23	21	49	21		0.09	-
Tot:										3.96	0.06
Ave:											

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BALAKOT - 1972

Location Latitude 34°33', Longitude 73°21', on right bank of Kunhar River nearly one mile downstream of Balakot Town.

Elevation 3,200 ± ft.msl.

Period of record July 1959 to July 1961, the observatory was located at Garhi Habib Ullah discharge site and in August 1961, shifted near P.W.D. Rest House Balakot. As exposure was not satisfactory at this location, the observatory was shifted one mile downstream of Balakot town on 10th October, 1965. Record for the period available with Surface Water Hydrology Project, WAPDA.

Instruments
5" Non-recording rain gauge.
U.S. Universal weighing type recording rain gauge.
Maximum and Minimum air temperature thermometer.
Maximum and Minimum pan water temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau standard evaporation pan.
Anemometer.

Annual figures

Precipitation	60.26 inches
Evaporation (Pan)	91.18 inches
Absolute Maximum air temperature	102°F
Absolute Minimum air temperature	30°F

Remarks Annual figures calculated by estimating the days for which record was missing or not observed. Observeations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the dates shown. Blank space indicates no record. (-) indicates no precipitation.

BALAKOT

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 S.M	Relative Humidity Percent 5·P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	54	44	43	33	34	27	58	35	16	0.07	-
2	62	38	55	35	34	6	82	13	18	0.07	-
3	64	36	54	33	29		73		15	0.08	-
4	62	35	52	34	29	8	73	16	25	0.07	-
5	62	34	53	33	30	13	80	6	27	0.07	-
6	62	32	52	32	27	24	79	36	14	0.08	-
7	60	32	51	31	24	10	70	21	15	0.07	-
8	60	32	49	31	27		65	24	11	0.07	-
9	54	36	40	32	29	34	73	46	12	0.06	-
10	62	36	54	32	32	35	81	47	12	0.07	-
11	64	36	54	34	27	31	65	41	11	0.08	-
12	64	36	52	33	32	34	81	58	15	0.08	-
13	56	36	45	32	36	43	70	85	18	0.07	-
14	52	44	42	37	37	39	71	72	25	0.07	0.37
15	60	38	55	35	33	37	75	71	24	0.07	-
16	56	40	48	35	34	38	58	57	22	0.08	-
17	58	44	52	38	38	38	77	68	29	0.07	-
18	64	42	48	37	36	42	76	52	19	0.08	-
19	58	42	51	37	34	37	50	52	76	0.07	0.05
20	58	48	51	49	35	37	51	52	33	0.06	-
21	54	44	44	37	44	17	92	30	31	0.06	0.72
22	46	34	40	31	30	42	80	85	13	0.06	1.82
23	52	35	50	30	20	20	39	33	56	0.07	0.29
24	50	43	42	32	36	34	70	54	27	0.06	-
25	58	44	52	37	37	37	71	52	14	0.07	-
26	56	44	50	40	42	42	79	73	49	0.06	0.05
27	52	42	46	35	34	34	63	50	50	0.07	0.15
28	58	46	56	32	42	42	79	73	65	0.07	-
29	54	47	50	35	42	43	79	79	69	0.06	-
30	50	44	42	37	36	37	70	71	16	0.06	0.21
31	46	43	41	37	35	36	69	70	24	0.06	1.25
Tot:										2.14	4.91
Ave:	57	40	49	34					27		

BALAKOT

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	46	42	39	32	39	40	84	84	34	0.06	0.72
2	46	40	42	35	31	35	67	69	17	0.06	0.18
3	52	40	50	35	26	24	53	39	21	0.05	-
4	56	40	58	37	32	19	68	27	25	0.07	-
5	60	42	62	37	32	34	62	58	41	0.08	-
6	50	40	50	35	29	35	60	60	21	0.06	0.21
7	46	38	48	32	31	32	74	57	46	0.06	-
8	56	34	55	32	29	31	80	48	35	0.07	-
9	60	34	58	32	23	34	55	54	58	0.10	-
10	58	37	49	33	21	29	37	43	22	0.10	-
11	58	46	50	36	39	39	72	67	57	0.10	-
12	52	34	44	33	24	25	56	57	48	0.08	0.85
13	42	36	38	33	32	33	81	82	34	0.07	0.16
14	42	30	38	30	25	30	79	66	27	0.06	0.33
15	48	31	52	30	19	25	47	43	30	0.07	-
16	54	37	56	30	22	34	49	58	62	0.12	-
17	54	34	55	30	27	29	72	47	22	0.12	-
18	54	34	56	30	27	27	72	38	29	0.10	-
19	58	34	58	32	28	23	73	30	19	0.12	-
20	62	34	60	32	23	31	55	41	16	0.14	-
21	65	37	62	34		22		31	49	0.15	-
22	52	46	45	40	41	41	79	73	64	0.12	0.37
23	52	46	44	40	37	39	60	62	49	0.10	-
24	54	46	47	40	43	44	85	85	31	0.10	0.24
25	48	42	45	37	36	49	76	85	13	0.09	0.15
26	52	36	56	35	32	44	81	85	25	0.08	-
27	58	37	60	35					24	0.12	-
28	62	40	59	35	23	13	42	19	33	0.15	-
29	60	38	59	36	31	31	74	35	16	0.14	-
Tot:										2.74	3.71
Ave:	54	38	52	34					33		

BALAKOT

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1			62	35	33	31	69	33	41	0.16	-
2	68	41	66	36	37	29	84	27	27	0.17	-
3	70	42	64	38	13	31	19	27	34	0.18	-
4	68	50	60	44	43	42	74	59	83	0.19	0.14
5	60	46	56	45	43	42	85	63	46	0.12	0.70
6	58	46	57	42	49	34	36	43	31	0.10	0.03
7	64	50	63	43	45	44	80	64	53	0.11	0.25
8	60	44	58	40	38	39	77	78	42	0.10	0.84
9	48	36	40	35	7	34	19	50	24	0.09	1.32
10	62	47	65	33	43	39	79	53	72	0.14	-
11	66	50	61	38	29	31	29	31	29	0.16	-
12	64	50	50	44	45	46	80	80	104	0.10	0.38
13	56	46	52	39	37	37	56	42	59	0.09	0.86
14	71	51	74	40	43	42	68	49	60	0.20	-
15			67	42	49	51	67	68	50	0.24	-
16	66	52	56	45	46	55	75	78	48	0.22	0.05
17	72	49	75	43	46	40	86	41	51	0.24	-
18	72	50	75	44	42	34	68	31	69	0.25	-
19	76	52	70	44	47	43	81	79	35	0.26	0.06
20	54	48	50	44	41	44	67	64	30	0.18	0.47
21	68	51	72	44	43	41	68	37	52	0.17	0.03
22	70	42	73	44	44	37	61	35	43	0.18	-
23	74	58			41	41	51	37	59	0.19	-
24	78	54			47	39	70	34	44	0.26	-
25	80	57			45	46	53	45	40	0.28	-
26	74	58			46	49	57	63	78	0.21	0.61
27	72	56			43	47	56	43	94	0.20	1.18
28	75	58			44	48	47	52	62	0.23	-
29	70	54			42	48	55	52	88	0.21	0.56
30	68	50			44	45	74	42	49	0.20	-
31	76	50			39	55	50	56	23	0.26	-
Tot:										5.68	7.48
Ave:									52		

BALAKOT

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	50			43	47	64	40	25	0.26	-
2	78	56			45	44	50	39	41	0.28	-
3	76	58			43	46	43	45	36	0.27	-
4	70	56			47	49	70	71	99	0.28	0.04
5	60	50			45	49	80	63	44	0.15	0.75
6	66	49			49	41	76	33	20	0.20	-
7	76	54			35	42	41	31	32	0.22	-
8	76	58			45	39	57	34	52	0.23	-
9	75	52			47	23	81	18	39	0.25	0.12
10	70	52			47	42	70	38	19	0.19	-
11	72	54			47	50	62	47	43	0.21	0.20
12	78	54			42	33	52	20	29	0.25	-
13	79	58			47	35	58	21	39	0.28	-
14									48	0.30	-
15	80	64	79	55	38	41	31	33	63	0.31	0.07
16			64	51					55	0.20	1.05
17	60	50	55	50	47	43	65	43	24	0.19	0.38
18	72	56	79	50	41	45	51	57	28	0.20	0.06
19	62	50	63	50	42	42	63	49	14	0.15	-
20	68	52	71	50	46	42	75	49	30	0.17	0.27
21	68	50	70	49	44	39	61	28	24	0.20	0.04
22	78	52			40	36	47	24	22	0.21	-
23	80	60	84	52	54	38	73	25	27	0.25	-
24	82	64	86	55	47	42	48	30	37	0.28	-
25	83	66	86	53	45	43	42	29	35	0.28	-
26	86	66	85	57	47	45	43	32	39	0.30	0.02
27	85	66	86	56	52	55	57	59	49	0.30	0.26
28	72	58	70	56	48	55	63	88	68	0.24	0.46
29	60	54	62	50	45	51	61	68	39	0.20	1.40
30	70	59	73	53	45	46	50	45	34	0.20	0.30
Tot:										7.05	5.42
Ave:									38		

BALAKOT

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	56	80	51	45	44	57	39	42	0.22	0.12
2	72	56	75	54	41	53	37	55	32	0.19	-
3	75	52	80	53	46	56	57	59	22	0.22	-
4	78	60	82	55	45	47	42	38	30	0.24	-
5	80	62	83	60	48	49	49	50	26	0.26	-
6	70	62	67	55	46	48	45	47	69	0.25	0.27
7	74	60	74	56	52	52	61	43	42	0.16	0.12
8	80	64	86	58	51	55	51	45	36	0.24	0.10
9	86	68	92	62	57	54	66	42	24	0.36	-
10	83	66	79	58	51	54	51	42	41	0.34	-
11	84	65	82	58	47	56	46	41	26	0.28	-
12	90	69	89	57	55	51	52	29	31	0.40	-
13	93	64	90	62	48	57	47	46	44	0.41	0.35
14	86	64	84	57	51	59	48	49	57	0.24	0.34
15	86	64	90	59	57	52	60	37	9	0.24	-
16	87	64	90	60	55	53	56	36	59	0.29	-
17	88	70	89	57	53	49	48	28	27	0.36	-
18	90	74	93	58	53	48	44	24	30	0.40	-
19	92	76	94	58	49	44	37	20	34	0.44	-
20	94	78	95	60	38	35	21	13	45	0.56	-
21	96	78	95	62	39	68	23	39	45	0.50	-
22	94	74	90	64	50	56	39	45	54	0.38	-
23	81	59	79	58	47	59	55	64	85	0.46	2.06
24	74	60	77	54	53	56	61	59	29	0.23	0.03
25	80	61	78	56	51	53	51	41	71	0.25	0.45
26	84	68	88	59	55	43	52	27	47	0.34	-
27	86	64	92	55	41	42	33	25	36	0.44	-
28	85	70	89	55	45	47	37	29	45	0.45	-
29	86	72	89	58	49	43	41	22	45	0.45	-
30	90	73	92	59	43	37	32	16	46	0.47	-
31	94	68	92	60	41	38	29	15	38	0.49	-
Tot:										10.56	3.84
Ave:	84	66	86	58					41		

BALAKOT

June 1972

Date	TEMPERATURE °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	78	95	60	44	37	29	14	44	0.54	-
2	97	78	95	63	42	49	25	23	38	0.56	-
3	94	74	89	64	53	44	44	20	52	0.52	-
4	93	68	94	62	59	53	67	39	26	0.42	0.42
5	86	62	88	60	55	57	62	48	26	0.36	0.56
6	81	64	90	57	55	46	59	27	54	0.34	0.04
7	84	68	89	58	51	39	48	17	37	0.38	-
8	90	64	92	60	49	50	37	38	36	0.48	-
9	90	63	88	57	50	45	45	22	54	0.47	-
10	92	70	93	61	51	42	42	17	29	0.50	-
11	92	72	93	59	52	43	43	17	26	0.56	-
12	97	80	96	65	43	42	23	17	37	0.60	-
13	97	74	93	63	54	35	42	12	65	0.60	-
14	100	74	96	66	51	35	36	12	31	0.68	-
15	98	82	98	67	52	33	34	11	46	0.62	-
16	100	85	100	66	41	21	20	6	36	0.68	-
17	102	86	99	65	45	35	25	10	42	0.60	-
18	102	84	96	66	43	41	22	14	44	0.70	-
19	102	82	98	65	52	40	37	15	36	0.69	-
20	100	68	97	65	52	39	43	15	24	0.60	-
21	96	79	92	65	46	47	26	25	38	0.58	-
22	97	70	91	66	52	43	51	22	29	0.57	0.15
23	90	72	91	66	51	47	33	25	34	0.54	-
24	94	74	96	65	42	42	23	19	30	0.56	-
25	96	72	97	67	67	63	70	43	41	0.58	0.30
26	96	70	96	66	62	57	62	38	32	0.52	0.48
27	90	68	96	66	66	64	73	47	30	0.47	0.23
28	90	74	97	69	67	68	63	64	17	0.50	-
29	82	68	79	65	53	53	52	39	17	0.41	0.19
30	91	72	97	67	58	60	49	47	35	0.42	0.24
Tot:										16.05	2.61
Ave:	94	73	94	64					36		

BALAKOT

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	86	70	87	65	62	63	62	48	25	0.40	0.05
2	97	76	96	67	63	64	51	47	24	0.56	-
3	96	78	99	68	57	59	46	42	37	0.57	-
4	94	72	96	66	55	55	45	43	54	0.53	0.21
5	92	68	98	63	55	52	49	34	39	0.48	0.34
6	86	64	90	63	56	60	66	58	29	0.39	0.35
7	80	66	89	64	56	50	59	31	24	0.37	-
8	90	70	95	67	54	51	47	29	19	0.40	-
9	91	76	96	70	59	64	51	54	19	0.43	-
10	85	74	86	71	61	61	58	53	23	0.39	0.02
11	84	68	91	67	63	63	76	56	30	0.14*	3.09
12	86	70	91	67	63	64	69	54	22	0.30	0.22
13	86	71	94	68	67	69	73	61	16	0.40	-
14	88	68	96	67	66	68	70	56	16	0.44	-
15	90	72	98	68	67	63	63	43	10	0.46	-
16	94	78	100	70	63	63	51	37	21	0.48	-
17	95	74	97	70	66	68	70	56	28	0.49	0.11
18	88	77	92	72	67	65	70	52	16	0.34	-
19	86	67	90	67	60	59	71	49	27	0.33	0.13
20	88	68	93	62	56	55	59	37	36	0.20*	1.75
21	88	71	93	64	63	61	65	41	16	0.37	-
22	94	75	99	68	70	69	78	47	15	0.46	-
23	96	72	98	70	61	71	43	48	20	0.42	-
24	97	72	101	68	70	67	78	48	14	0.48	-
25	94	77	100	71	61	64	50	44	19	0.46	-
26	96	68	97	66	67	66	73	46	21	0.35	0.45
27	92	72	96	76	68	69	74	47	11	0.48	-
28	94	76	100	68	61	60	58	32	13	0.50	-
29	96	76	100	69	66	64	66	51	28	0.52	-
30	88	70	86	67	63	64	65	47	52	0.48	0.18
31	88	70	95	65	61	61	65	43	29	0.46	0.19
Tot:										13.08	7.09
Ave:	90	72	95	68					24		

* Estimated evaporation.

BALAKOT

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8.A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	70	95	67	64	64	72	47	12	0.44	-
2	94	73	96	70	68	65	67	42	17	0.46	-
3	98	80	98	72	69	67	64	44	8	0.48	-
4	96	82	98	75	65	68	54	43	7	0.50	-
5	97	83	97	76	69	70	61	51	8	0.48	-
6	94	70	98	68	64	67	76	81	16	0.20*	5.80
7	75	70	78	69	63	67	76	77	12	0.25	1.15
8	84	70	95	69	67	67	73	61	19	0.34	2.64
9	86	68	95	66	62	68	76	58	20	0.20*	0.20
10	86	70	93	66	66	59	81	41	8	0.40	-
11	88	70	98	68	64	63	69	48	12	0.42	-
12	88	70	95	68	67	65	77	52	13	0.46	-
13	88	72	96	70	68	67	82	55	11	0.39	0.05
14	86	72	92	69	65	68	73	56	17	0.33	0.07
15	88	72	94	70	62	66	62	48	8	0.35	-
16	90	68	97	67	66	65	70	49	4	0.38	-
17	88	66	96	67	65	67	85	63	16	0.32	1.10
18	84	68	89	67	64	67	76	58	11	0.35	-
19	86	72	95	69	66	71	70	75	9	0.36	-
20	82	70	89	69	64	66	72	66	9	0.34	-
21	82	68	88	66	62	64	68	54	7	0.33	-
22	86	66	97	65	64	64	76	51	13	0.35	0.67
23	88	70	96	67	67	68	73	67	8	0.34	-
24	84	70	93	69	67	64	85	54	15	0.32	0.10
25	86	66	96	62	62	65	76	69	23	0.32	0.82
26	81	64	83	64	60	62	75	50	2	0.30	-
27	86	68	94	64	58	57	60	39	9	0.36	-
28	87	73	96	67	66	65	73	52	6	0.38	-
29	86	70	90	68	65	69	81	90	7	0.35	2.04
30	73	68	86	67	61	66	55	66	3	0.25	0.45
31	81	72	86	67	69	69	86	86	4	0.31	0.03
Tot:										11.06	15.12
Ave:	87	71	93	68					11		

* Estimated evaporation.

BALAKOT

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	64	86	62	60	59	75	49	13	0.29	0.08
2	86	68	94	63	64	63	72	48	10	0.30	-
3	88	73	96	69	69	66	82	48	9	0.34	-
4	90	72	97	70	71	69	86	61	8	0.36	-
5	88	74	97	69	67	67	77	52	14	0.36	-
6	90	74	95	70	69	69	78	61	5	0.37	-
7	89	74	94	72	64	63	65	48	8	0.36	-
8	88	76	93	70	70	70	78	68	6	0.35	-
9	86	70	92	67	67	65	85	60	11	0.33	0.20
10	86	68	92	65	64	67	76	73	10	0.35	-
11	80	68	90	66	64	65	85	66	7	0.30	-
12	82	67	92	65	64	65	81	60	7	0.32	-
13	84	70	94	68	67	66	77	60	8	0.34	-
14	88	64	93	62	64	64	72	51	12	0.33	-
15	86	73	93	67	67	66	77	55	8	0.32	-
16	88	70	92	67	67	65	85	60	13	0.36	-
17	84	64	92	60	61	60	80	58	27	0.26	-
18	83	66	92	62	60	63	71	69	7	0.24	-
19	83	60	92	59	56	62	79	84	17	0.24	0.64
20	74	58	92	54	52	51	73	48	11	0.26	1.06
21	76	61	86	53	60	63	89	76	6	0.24	-
22	74	54	86	54	53	60	88	71	9	0.24	-
23	76	53	86	53	53	57	83	60	9	0.22	-
24	80	54	86	54	49	49	71	33	10	0.27	-
25	86	56	88	55	58	57	83	44	6	0.28	-
26	85	58	88	56	57	48	83	35	8	0.30	-
27	84	60	86	57	56	49	83	33	13	0.28	-
28	85	60	87	55	55	49	74	32	26	0.28	-
29	86	62	86	56	57	52	70	35	16	0.28	-
30	86	62	87	57	57	51	79	36	38	0.30	0.06
Tot:										9.07	3.30
Ave:	84	65	91	62					12		

BALAKOT

October 1972

	TEMPERATURES °F						Relative Humidity Percent		Wind Movement	Evaporation	Rain
	Air		Pan Water		Dew Point						
ıte	Max	Min	Max	Min	8 A.M	5 P.M	8 A.M	5 P.M	Miles	inches	inches
	83	58	86	56	60	54	84	38	21	0.27	-
	88	60	86	57	60	59	71	49	15	0.29	-
	86	61	86	56	53	54	73	73	61	0.30	010
	65	52	86	50	51	36	82	25	24	0.16	0.13
	80	56	86	50	51	47	77	40	16	0.24	-
	80	56	86	55	56	45	88	32	12	0.22	-
7	83	56	86	53	51	49	72	41	27	0.25	-
8	80	60	87	54	49	53	55	52	19	0.23	-
9	80	58				54		49	12	0.19	-
10	83	58	83	56	54	50	78	45	16	0.23	-
11	84	56	82	54	52	41	77	23	11	0.24	-
12	86	58	83	55	53	43	68	24	34	0.26	-
13	85	66	83	55	46	50	45	31	50	0.25	-
14	86	58	83	55	55	49	83	33	16	0.27	-
15	86	58	83	54	49	41	59	23	31	0.27	-
16	85	60	83	54	55	53	69	41	38	0.26	0.02
17	83	62	83	55	57	58	79	74	76	0.23	0.07
18	69	52	83	50	45	48	75	66	68	0.16	1.02
19	62	54	83	51	47	45	81	57	11	0.14	0.10
20	75	46	83	45	27	35	30	29	6	0.20	-
21	72	56	83	51	51	45	77	42	78	0.19	0.01
22	70	46	83	42	37	31	60	31	15	0.17	0.17
23	72	47	83	45	38	31	66	33	21	0.16	-
24	73	46	83	45	37	18	65	17	9	0.18	-
25	72	46	83	45	38	34	66	37	7	0.17	-
26	72	46			41	25	79	27	11	0.16	-
27	74	46			38	11	71	4	12	0.17	-
28	78	46			37	11	60	10	9	0.21	-
29	76	46	83	44	39	15	67	13	9	0.18	-
30	74	46			43	18	79	14	10	0.17	-
31	74	48			43	23	79	19	11	0.16	-
Tot:										6.58	1.62
Ave:	78	54							24		

BALAKOT

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	49			41	31	63	28	7	0.16	-
2	74	48			42	27	73	25	10	0.15	-
3	75	46			41	33	73	30	13	0.15	-
4	78	48			44	23	80	17	12	0.18	-
5	80	46			38	10	61	3	7	0.24	-
6	81	48			42	18	68	12	6	0.25	-
7	80	50			35	18	38	13	8	0.23	-
8	78	48			43	3	79	7	4	0.20	-
9	79	49							5	0.19	-
10	78	50			43	18	74	14	5	0.18	-
11	76	51			37	31	52	27	6	0.18	-
12	72	50			41	33	67	30	5	0.18	-
13	76	48			37	18	56	17	10	0.18	-
14	74	46			38	15	61	13	9	0.17	-
15	76	44			39	20	72	18	12	0.17	-
16	74	43			37	11	77	13	12	0.16	-
17	74	42			36	25	76	23	10	0.17	-
18	73	43			34	18	63	17	14	0.15	-
19	74	41			30	18	51	17	2	0.17	-
20	75	42			32	26	62	25	17	0.17	-
21	72	43			33	29	57	31	10	0.16	-
22	67	47			38	37	61	52	42	0.15	0.23
23	56	48			33	34	53	50	50	0.10	1.80
24	54	48							38	0.09	0.20
25	64	49			38	15	61	13	14	0.10	0.07
26	70	48			37	18	60	17	17	0.12	0.05
27	66	40			29	12	55	15	46	0.13	-
28	66	40			28		59		7	0.12	-
29	64	38			29		66		7	0.13	-
30	64	39							10	0.11	-
Tot:										4.84	2.35
Ave:	72	46									

BALAKOT

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	68	39			32	26	68	3	10	0.10	-
2	68	42			27	1	54	10	7	0.11	-
3	71	41			32	25	68	27	7	0.12	-
4	70	42			37	25	71	29	7	0.10	-
5	64	43			33	19	63	23	7	0.22	-
6	62	39			33				5	0.10	-
7	68	37			36	23	76	30	9	0.09	-
8	60	43			34	34	54	46	30	0.08	-
9	56	48			39	39	78	67	51	0.08	0.03
10	54	44			38	38	77	71	25	0.07	0.37
11	50	38			31	3	74	13	22	0.06	0.05
12	60	36			30		74		8	0.07	-
13	62	36			29		73		9	0.08	-
14	64	37							7	0.09	-
15	63	36			32	13	68	19	7	0.08	-
16	56	42			28	29	42	43	19	0.07	-
17	50	46			38	42	71	79	42	0.06	0.42
18	51	46			41	44	79	85	37	0.05	0.16
19	52	44			34	41	54	79	34	0.06	0.21
20	52	42			39	37	84	65	37	0.06	0.07
21	58	43			33	39	53	62	47	0.07	-
22	62	42			28	39	45	67	24	0.08	-
23	53	38			30	30	66	51	44	0.06	0.06
24	56	40	52	38	32	37	57	77	38	0.08	-
25	45	39	43	37	35	39	83	67	16	0.05	0.18
26	54	40	51	36	29	31	60	52	30	0.06	0.12
27	56	40	50	37	31	32	61	57	32	0.05	1.14
28	48	43	49	40	27	34	49	63	22	0.05	-
29	54	43	55	38	27	37	49	71	49	0.06	-
30	54	42	56	40	32	34	57	58	40	0.06	-
31	56	36	56	37	27	34	65	54	6	0.07	-
Tot:										2.33	2.81
Ave:	58	41							23		

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BANDAT JUNGLE - 1972

Location Latitude 30°29', Longitude 67°25', north of Bandat Jungle village.

Elevation

Period of record Established as a non-recording rain gauge station in 1964 by Surface Water Hydrology Project and converted into an observatory on 11.5.1969 station closed on 9.11.1971, and restarted on 5.11.72.

Instruments
5" Non-recording rain gauge.
U.S. Universal weighing type recording rain gauge.
Maximum and Minimum air temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau standard Evaporation pan.

Annual figures

Precipitation	Incomplete
Evaporation (Pan)	"
Absolute Maximum air temperature	"
Absolute Minimum air temperature	"

Remarks
Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) indicates no precipitation.

BANDAT JUNGLE

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1											
2											
3											
4											
5	70	40			23	18	17	14			-
6	80	38									-
7	80	38									-
8	78	40			33	15	63	14			-
9	80	40									-
10	78	37			19	25	35	23			-
11	75	40			17	7	37	10			-
12	75	39			9	23	19	19			-
13	70	37			17	32	30	42			-
14	72	38			18	32	28	36			-
15	70	39			25	20	52	21		0.08	-
16	72	40			27	27	58	28		0.06	-
17	71	37			23	27	42	30		0.09	-
18	70	32			24	9	36	13		0.10	-
19	71	35			29	37	60	48		0.06	-
20	70	38			30	37	51	52		0.05	-
21	72	39			43	37	92	71		0.15	0.20
22	55	38			33	37	75	65		0.06	0.20
23	50	37			31	28	61	59		0.04	-
24	50	28			23	32	69	68		0.08	-
25	51	27			33	29	75	55		0.10	-
26	50	25			20	39	48	50		0.07	-
27	58	29			24	27	70	38		0.09	-
28	61	30			20	24	53	36		0.12	-
29	60	29			2	19	19	25		0.08	-
30	62	30				21		24		0.14	-
Tot											
Ave:											

BANDAT JUNGLE

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	66	32			14	37	39	48		0.15	-
2	68	34			15	37	44	42		0.16	-
3	68	32			22	42	61	63		0.10	-
4	68	33			17	35	45	55		0.13	-
5	64	30			24	22	56	35		0.12	-
6	62	29			11	17	29	23		0.10	-
7	58	35			30	37	66	91		0.08	-
8	56	30			29	27	80	80		0.05	0.30
9	40	25			22	25	77	79		0.04	-
10	35	27				27		72		0.08	-
11	39	28			22	26	68	64		0.07	-
12	44	26			28	30	89	66		0.06	-
13	60	31			15	44	44	69		0.09	-
14	63	32			14	51	43	77		0.09	-
15	64	32			14	23	43	33		0.11	-
16	58	34			35	36	69	76		0.09	-
17	53	34			33	34	90	75		0.05	1.02
18	58	35			31	34	74	58		0.09	0.04
19	48	31			23	35	62	83		0.08	-
20	52	31			32	34	81	63		0.07	-
21	51	32			29	25	89	52		0.02	0.08
22	47	27			23	27	69	49		0.08	-
23	50	32			24	27	70	54		0.07	-
24	51	31			29	25	89	71		0.06	-
25	40	24			26	27	100	72		0.07	-
26	42	19			19	15	86	72		0.04	0.20
27	25	10									-
28	35	10									-
29	32	12			5	24	53	70			-
30	45	18			12	24	60	56		0.30+	-
Tot:										2.45	1.64
Ave:	51	27									

\+ 5 days evaporation.

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BANNU - 1972

Location	Latitude 33°00', Longitude 70°36', Situated in WAPDA Electricity Colony about 1½ miles from Bannu on Bannu - Tank Road.
Elevation	1,260 ± ft.msl.
Period of record	Recording rain gauge established by Surface Water Hydrology Project since September 1960. Other instruments were installed in February 1970.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 12.80 inches Evaporation (Pan) 86.68 inches Absolute Maximum air temperature 117°F Absolute Minimum air temperature 31°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) indicates no precipitation.

BANNU

January 1974

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	71	39			22	41	32	43	3	0.10	-
2	70	38			33	41	24	43	5	0.10	-
3	71	39			36	75	75	21	23	0.10	-
4	69	36			34	35	82	32	10	0.09	-
5	70	39			31	23	60	18	12	0.08	-
6	71	36			21	39	42	36	8	0.10	-
7	69	39			32	38	66	38	2	0.09	-
8	70	31			15	40	38	40	19	0.09	-
9	71	34			20	33	37	33	3	0.09	-
10	68	33			18	35	36	36	8	0.08	-
11	67	32			10	37	26	37	9	0.08	-
12	69	34			26	40	70	45	7	0.10	-
13	71	33			10	44	26	48	3	0.11	-
14	65	35			29	43	64	39	3	0.08	-
15	70	39			33	41	74	49	8	0.10	-
16	69	39			29	30	53	23	2	0.10	-
17	70	40			33	35	67	30	4	0.10	-
18	73	41			36	39	69	34	11	0.11	-
19	69	43			39	40	70	35		0.10	-
20	70	48			46	41	85	57		0.12	0.10
21	57	47			45	47	79	80		0.09	0.32
22	56	36			32	41	81	53	30+	0.07	-
23					32	40	55	48	9	0.10	-
24	63	39			33	45	74	55	7	0.10	-
25	64	40			36	46	75	56	9	0.10	-
26	65	41			33	37	67	33	6	0.10	-
27	68	39			29	39	53	34	9	0.11	-
28	70	43			36	34	69	27	9	0.12	-
29	70	46			42	46	78	69	11	0.09	0.09
30	57	49			48	45	80	68	3	0.03	0.06
31	56	48			42	45	78	59	11	0.05	0.45
Tot:										2.89	1.02
Ave:									8		

* Estimated evaporation.
\+ 4 days observation.

BANNU

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	61	47			42	42	78	50	4	0.09	-
2	65	42			28	44	58	51	36	0.11	-
3	62	40			10	42	26	50	26	0.10	-
4	62	41			10	40	26	52	46	0.10	-
5	59	35			25	43	56	47	8	0.09	-
6					32	46	55	53	6	0.10	-
7	65	34			-4	37	15	40	29	0.11	-
8	64	32			18	45	50	49	3	0.10	-
9	67	33			11	45	8	52	10	0.10	-
10	65	42			37	41	76	43	6	0.09	-
11	65	41			34	44	68	51	20	0.10	-
12	63	40			33	44	67	51	38	0.17	0.65
13	63	36			28	32	64	40	20	0.09	-
14	62	35			27	34	70	44	27	0.08	-
15	56	35			18	48	45	75	18	0.08	-
16	61	36			31	44	73	55	13	0.10	-
17	64	36			38	42	76	50	19	0.10	-
18	63	40			26	46	38	56	4	0.10	-
19	70	37			30	45	65	52	9	0.12	-
20	68	41			23	44	31	42	15	0.12	-
21	69	53			42	41	58	43	11	0.12	-
22	65	53			46	35	74	36	3	0.10	-
23	64	52			48	26	80	23	30	0.10	-
24	65	40			24	35	37	34	48	0.11	-
25	67	49			35	33	42	33	5	0.11	-
26	65	40			25	21	41	19	3	0.12	-
27	67	38			29	33	53	33	2	0.12	-
28	68	42			25	30	46	26	16	0.11	-
29	69	43			29	26	53	18	12	0.12	-
Tot:										3.06	0.65
Ave:									17		

BANNU

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	44			26	26	38	19	11	0.12	-
2	70	43			24	39	37	32	11	0.11	-
3	71	44			28	18	44	14	9	0.11	-
4	69	43			34	23	68	17	11	0.10	-
5	71	41			29	37	53	33	10	0.11	0.03
6	69	43			28	38	44	38	9	0.13	-
7	65	45			33	23	51	18	11	0.10	-
8	69	50			47	25	80	22	10	0.05	0.21
9	67	49			43	21	73	16	11	0.11	-
10	70	51			45	28	68	27	9	0.12	-
11	64	54			50	43	81	47	10	0.15	0.05
12	66	53			47	38	69	41	10	0.05*	0.10
13	67	47			40	21	71	16	9	0.11	-
14	78	48			32	28	37	22	11	0.15	-
15	76	54			48	40	75	40	8	0.21	0.08
16	77	52			41	32	53	28	10	0.12	-
17	75	51			43	25	63	21	11	0.11	-
18	77	50			32	37	34	35	11	0.11	-
19	76	53			41	21	49	16	11	0.11	-
20	72	52			46	23	69	17	9	0.12	-
21	73	52			41	18	53	14	12	0.12	-
22	72	50			47	6	93	8	8	0.11	-
23	73	49			43	18	78	13	11	0.12	-
24	73	48			38	18	60	13	11	0.12	-
25	74	50			46	21	85	14	12	0.13	-
26					44	58	55	50	15	0.03	0.11
27	80	59			39	59	36	51	23	0.03	0.15
28	81	64			58	59	70	46	29	0.17	-
29	87	57			57	61	78	51	25	0.03	0.23
30	84	60			44	57	45	48	29	0.20	-
31	86	60			47	54	47	35	27	0.29	-
Tot:										3.65	0.96
Ave:									13		

* Estimated evaporation.

BANNU

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	87	56			44	51	42	33	23	0.25	-
2	84	53			44	59	55	51	12	0.20	-
3	83	58			40	55	40	41	29	0.19	-
4	84	60			47	59	49	46	32	0.21	-
5	85	60			47		47		11	0.23	-
6	87	54			40	52	40	44	15	0.24	-
7					67	50	90	37	16	0.08*	0.09
8	84	56			49	55	54	58	26	0.21	-
9	84	56			46	54	53	37		0.22	-
10	84	53			41	57	41	40		0.24	-
11	85	61			52	58	53	39		0.24	-
12	89	61			54	57	60	37		0.27	-
13	90	60			50	52	48	25		0.29	-
14	94	65			63	59	61	36		0.32	-
15	95	72				57		47		0.36	-
16	88	63			61	62	75	64		0.20	0.10
17	83	59			60	62	79	64		0.10	-
18	85	56			59	55	79	43		0.30	-
19	80	59			56	55	61	41		0.22	-
20	83	63			56	72	55	78		0.31	-
21	84	65			59	55	62	51		0.13	-
22	82	63			59	53	66	56		0.20	-
23	90	63			62	41	71	43		0.10	-
24	92	64			47	55	49	51		0.21	-
25	96	62			57	57	49	38		0.32	-
26	94	70			78	54	95	54		0.29	-
27	95	68			61		75			0.26	0.13
28					62	44	75	51		0.01	0.47
29	83	57			61	52	79	53		0.26	0.03
30	91	60			60	58	63	39	7	0.24	-
Tot:										6.70	0.82
Ave:											

Estimated evaporation.

BANNU

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	94	62			58	54	59	46	28	0.37	-
2	90	64			56	40	55	40	34	0.34	-
3	95	65			59		53		16	0.32	-
4	96	71			59		59		25	0.34	-
5	90	62			63	43	89	47	36	0.14	0.17
6						58		35	35	0.33	0.44
7	89	58			58	40	70	35	33	0.26	0.11
8	89	67			60	57	54	38	28	0.26	-
9	91	69			59	52	53	44	18	0.25	0.05
10	98	72			59	51	53	33	20	0.32	-
11	99	74			67	54	60	43	17	0.26	-
12	104	70			63	68	53	77	11	0.33	-
13	103	75			68	51	60	35	33	0.41	-
14	98	64			62	40	64	48	37	0.32	0.19
15	99	69			60	53	46	56	17	0.32	-
16	104	76			58	54	43	41.	44	0.50	-
17	105	70			63	56	50	23	18	0.32	-
18	104	74			61	45	42	14	20	0.41	-
19	105	75			47	59	23	23	24	0.50	-
20	111	69			61	54	40	20	19	0.44	-
21	112	72			63		38		19	0.42	-
22	101	77			60	62	38	34	26	0.42	-
23	105	76			49	47	26	18	39	0.43	-
24	103	73			63	49	41	19	27	0.50	-
25	104	71			49	24	29	7	34	0.46	-
26	102	70			48	40	27	14	19	0.40	-
27	100	67			41	29	25	9	24	0.44	-
28	104	65			47	39	30	13	21	0.42	-
29	100	66			53	41	31	12	27	0.43	-
30	103	69			48	65	27	26	20	0.41	-
31	108	69			53	56	30	20	16	0.50	-
Tot:										11.57	0.96
Ave:									25		

BANNU

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1					64	52	40	21	21	0.41	-
2	109	80			60	59	34	23	37	0.50	-
3	107	89			59	64	36	35	24	0.36	-
4	105	70			65	61	62	33	38	0.36	0.05
5	95	70			60	59	46	28	35	0.40	-
6	97	69			64	46	55	17	24	0.35	-
7	108	72			53	59	31	22	32	0.50	-
8	111	68			62	53	41	17	27	0.34	-
9	109	73			55	57	30	21	38	0.30	-
10	107	77			67	65	43	27	19	0.40	-
11	108	76			76	54	60	20	22	0.34	-
12	108	79			59	41	30	11	29	0.46	-
13	112	76			68	63	42	24	19	0.47	-
14	110	80			72	58	47	19	25	0.48	-
15	111	81			75	56	50	17	26	0.45	-
16	112	77			60	50	29	13	24	0.61	-
17	115	77			69	55	42	15	25	0.53	-
18	115	81			57	56	25	16	26	0.54	-
19	117	79			54	62	23	21	21	0.57	-
20	113	85			73	71	54	39	22	0.49	-
21	106	85			76	74	58	37	17	0.29	-
22	107	87			75	65	50	30	24	0.37	-
23	108	85			70	71	44	35	37	0.46	-
24	107	85			81	72	62	33	26	0.39	-
25	111	88			79	71	59	43	24	0.44	-
26	109	80			75	70	65	48	47	0.47	-
27	101	72			77	67	87	40	42	0.35	0.24
28	98	80			75	70	72	48	19	0.32	
29	95	76			57	62	37	55	35	0.26	0.02
30	102	72				83		77	23	0.25*	1.25
Tot:										12.46	1.56
Ave:									28		

* Estimated evaporation.

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BANNU

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	97	73			73	77	91	67	40	0.35	0.45
2	100	74			80	88	74	78	0	0.22	-
3	107	81			75	68	55	31	11	0.37	-
4	109	83			77	81	67	55	28	0.48	-
5	102	79			74	77	68	76	44	0.41	-
6	99	73			72	63	68	38	27	0.30	-
7	98	76			69	69	58	42	24	0.45	-
8	101	78			78	75	83	49	27	0.41	-
9	98	79			77	75	72	72	54	0.43	-
10	99	79			78	75	69	49	30	0.46	-
11	101	80			83	71	92	64	37	0.40	-
12	95	76			76	69	75	44	41	0.35	-
13	97	73			59	67	40	60	20	0.39	-
14	102	78			76	75	75	49	28	0.45	-
15	103	84			81	84	65	60	65	0.52	-
16	106	84			84	70	96	36	20	0.37	-
17	109	80			79	65	61	41	28	0.53	-
18	105	79			74	67	60	38	34	0.50	-
19	101	77				69		40	11	0.40	-
20	-				70	69	55	39	5	0.30	-
21	100	80			75	69	63	37	8	0.40	-
22	103	83			76	66	60	29	5	0.40	-
23	107	89			75	71	53	35	5	0.42	-
24	105	85			72	74	54	39	8	0.43	-
25	105	82			77	69	61	42	7	0.42	-
26	105	82			75	69	63	37	6	0.36	-
27	101	79			73	65	62	27	4	0.35	-
28	107	84			75	65	57	27	4	0.46	-
29	107	83			77	63	61	26	9	0.47	-
30	106	72			73	74	71	48	14	0.58	0.55
31	98	79			72		62		2	0.32	-
Tot:										12.70	1.00
Ave:									21		

BANNU

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Water Max	Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	81			74	30	60	9	5	0.37	-
2	103	79			77	41	67	14	5	0.40	-
3	104	83			77	72	67	35	3	0.36	-
4	106	81			75	74	57	39	7	0.39	-
5	108	82			76	75	60	41	16	0.44	-
6	105	86			77	76	61	91	11	0.40	-
7	101	77			77	71	76	86	11	0.40	0.42
8	98	76			77	78	87	59	8	0.34	0.14
9	96	75			74	73	83	51	7	0.30	-
10	93	76			75	58	72	35	10	0.33	-
11	98	79			75		65		6	0.34	-
12	100	84			78	65	73	30	10	0.40	-
13	101	81			78	77	73	58	11	0.35	-
14	99	72			69	72	86	59	16	0.40	-
15	92	66			74	71	78	74	8	0.25	-
16	96	74			76	88	72	65	8	0.34	-
17	100	78			76	70	78	53	33	0.39	-
18	97	75			75	78	75	74	52	0.37	-
19	97	72			72	76	61	72		0.33	-
20	96	73			73	77	71	61	61+	0.25	0.05
21	98	79			76	75	75	55	33	0.35	-
22	98	75			75	84	72	69	34	0.37	-
23	100	80			75	74	65	75	27	0.35	-
24	100	74			73	75	78	53	39	0.36	0.06
25	96	71			78	70	74	51	32	0.40	-
26	92	75			72	64	74	48	30	0.27	-
27	96	75			73	64	71	36	24	0.33	-
28	100	74			74	61	75	32	25	0.35	-
29	97	79			75	66	72	37	68	0.40	-
30	98	78			74	56	68	32	13	0.35	-
31	99	77			75	45	75	17	12	0.29	-
Tot:										10.97	0.77
Ave:	99	77							20		

+ 2 days observation.

BANNU

September 1972

Date	Temperatures °F: Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	99	78			73	54	71	26	24	0.38	-
2	100	77			72	74	65	44	10	0.35	-
3	102	76			74	72	71	38	7	0.40	-
4	105	75			72	69	68	34	6	0.35	-
5	103	77			71	67	64	32	7	0.41	-
6	103	76			74	71	65	41	10	0.38	-
7	102	80			72	73	65	44	10	0.40	-
8	102	78			72	69	59	39	9	0.35	-
9	101	80			73	70	65	47	8	0.37	-
10	99	79			74	70	71	44	10	0.35	-
11					73	72	75	47	13	0.37	-
12	98	72			74	75	83	53	10	0.35	0.27
13	97	76			73	71	75	43	2	0.25	-
14	99	75			76	74	87	52	17	0.42	-
15	100	78			71	70	64	41	4	0.32	-
16	99	78			75	73	72	52	4	0.27	-
17	98	74			67	68	66	42	14	0.30	-
18					67	68	69	52	8	0.24	-
19	90	62			64	67	89	85	16	0.12*	1.42
20	79	61			57	55	74	43	6	0.24	0.84
21	82	59			57	55	69	39	3	0.18	-
22	85	66			57	57	74	42	3	0.19	-
23	88	57			58	57	70	34	4	0.24	-
24	90	60			56	63	65	41	2	0.25	-
25	94	60			55	61	58	35	4	0.27	-
26	95	59			58	65	66	42	4	0.30	-
27	94	61			59	61	66	35	5	0.25	-
28	95	63			61	61	67	35	13	0.20	-
29	95	65			61	71	63	54	18	0.23	-
30	94	63			61	70	67	51	18	0.26	-
Tot:										8.99	1.73
Ave:											

Estimated evaporation.

BANNU

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	93	63			61	62	63	45	18	0.29	-
2	93	65			59	67	66	45	18	0.22	-
3	94	66			62	61	64	40	21	0.26	-
4	90	64			62	64	75	44	19	0.28	-
5	92	65			61	57	71	38	14	0.20	-
6	93	61			60	63	70	41	23	0.26	-
7	93	63			56	67	61	54	21	0.27	-
8	89	63			65	63	80	47	17	0.23	-
9	88	65			63	69	75	55	18	0.20	-
10	90	64			63	68	80	52	16	0.23	-
11	91	65			60	67	67	45	16	0.24	-
12	94	63			61	67	71	43	18	0.26	-
13	95	62			60	59	70	36	16	0.27	-
14	94	59			56	65	61	51	16	0.25	-
15	93	60			54	68	60	55	14	0.22	-
16	92	61			57	62	69	52	18	0.24	-
17	91	61			59	46	74	29	15	0.20	-
18					57	54	74	46	25	0.22	-
19	81	58			59	61	83	54	29	0.20	-
20	83	57			56	54	78	46	18	0.15	-
21	85	61			51	47	59	61	34	0.18	-
22	79	50			49	53	75	45	34	0.19	0.05
23	79	52			51	52	76	42	15	0.16	-
24	80	51			45	56	55	44	17	0.15	-
25	84	52			46	61	56	51	19	0.19	-
26	86	53			45	64	55	59	15	0.25	-
27	87	53			44	52	55	38	3	0.24	-
28	89	50			43	59	58	51	4	0.17	-
29	84	49			46	54	74	48	4	0.19	-
30	82	49			46	58	69	56	4	0.20	-
31	83	55			42	56	54	52	3	0.15	-
Tot:										6.76	0.05
Ave:									17		

BANNU

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	85	51			49	67	80	73	3	0.18	-
2	82	52			49	63	80	61	3	0.13	-
3	86	51			48	68	65	77	1	0.16	-
4	84	52			47	54	69	43	1	0.20	-
5	89	50			48	60	80	54	16	0.19	-
6	88	50			48	57	80	53	10	0.17	-
7	87	49			49	65	75	65	5	0.19	-
8	80	52			47	72	74	78	0	0.30	-
9	88	52			50	64	76	65	10	0.18	-
10	83	52			50	69	87	77	7	0.17	-
11	82	52			51	71	76	82	13	0.11	-
12	84	55			51	65	81	65	10	0.20	-
13	84	55			53	59	87	57	11	0.14	-
14	84	53			51	65	71	62	15	0.17	-
15	83	53			49	67	80	77	14	0.15	-
16	81	52			47	67	74	73	14	0.20	-
17	81	52			48	64	80	72	14	0.09	-
18	80	53			51	65	87	69	14	0.15	-
19	83	52			48	65	80	76	13	0.10	-
20	80	51			48	67	80	81	13	0.11	-
21	81	54			52	55	67	77	16	0.20	-
22	74	57			55	55	88	73	28	0.07*	0.41
23	71	50			49	56	93	82	19	0.11	0.31
24	64	48			48	50	93	62	6	0.10	0.04
25	72	48			48	47	93	57	9	0.11	-
26	72	48			47	61	86	71	22	0.04	-
27	72	46			44	57	85	69	11	0.15	-
28	75	46			45	53	85	60	7	0.13	-
29	71	47			42	59	72	74	12	0.05	-
30	75	45			41	59	77	79	9	0.12	-
Tot:										4.37	0.76
Ave:	80	51							11		

* Estimated evaporation.

BANNU

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	43			41	58	84	70	10	0.10	-
2	77	45			43	56	85	61	12	0.10	-
3	78	42			43	59	85	74	8	0.08	-
4	79	47			47	54	86	68	9	0.10	-
5	75	46			45	58	85	66	10	0.09	-
6	76	45			39	60	70	79	13	0.10	-
7	76	46			43	53	78	56	9	0.05	-
8	72	45			53	51	100	71	19	0.06*	0.34
9	65	49			48	49	93	93	32	0.08	1.03
10	54	47			47	51	93	76	21	0.05	0.55
11	63	43			43	56	92	78	13	0.08	-
12	71	41			38	59	83	83	12	0.05	-
13	68	40			38	58	83	78	13	0.07	-
14	70	42			40	61	91	89	8	0.06	-
15	71	42			42	49	92	66	7	0.08	-
16	66	43			49	52	93	81	10	0.09	-
17	63	50			48	56	86	82	12	0.11	-
18	65	45			44	59	92	88	8	0.13	-
19	69	44			43	56	85	78	9	0.09	-
20	70	45			43	55	92	73	11	0.10	-
21	69	42			38	53	76	72	11	0.13	-
22	66	43			41	57	92	88	13	0.10	-
23	68	42			43	54	92	88	12	0.07	-
24	64	45			47	48	93	80	14	0.06	0.21
25	60	41			40	51	91	81	14	0.06	-
26	61	42			43	49	92	86	32	0.03	0.28
27	56	43			22	43	43	63	29	0.03	0.11
28	62	38			33	42	74	58	32	0.09	-
29	63	36			25	44	56	55	36	0.11	-
30	64	37			32	52	81	71	21	0.12	-
31	65	36			32	45	81	59	14	0.09	-
Tot:										2.56	2.52
Ave:	68	43							15		

* Estimated evaporation.

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BELA - 1972

Location	Latitude 26°14', Longitude 66°19', on Quatta - Karachi highway, 118 miles from Karachi.
Elevation	290 ± ft.msl.
Period of record	Established by Surface Water Hydrology Project since March 1963,.Daily rainfall record only (copied from Karachi Irrigation Project) from 1948 to 1959 also available.
Instruments	5" Non-Recording rain gauge. Casella weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Maximum and Minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau standard evaporation pan. Anemometer.
Annual figures	Precipitation 2.15 inches Evaporation (Pan) 130.41 inches Absolute Maximum air temperature 116°F Absolute Minimum air temperature 36°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) indicates no precipitation.

BELA

January 1972

Date	TE?ERATIRES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Move-ment Miles	Evapo-ration Inches	Rain Inches
1	80	46	78	48	28	54	35	41		0.16	-
2	81	42	76	50	36	69	69	73		0.15	-
3	80	45	77	46	43	40	92	27		0.14	-
4	78	46	76	47	37	54	59	43		0.13	-
5	80	46	76	50	33	49	47	36		0.14	-
6	80	44	77	45	14	43	19	29		0.15	-
7	80	42	76	44	33	46	56	34		0.13	-
8	78	44	76	45	39	56	70	52		0.12	-
9	79	45	76	46	33	52	47	38		0.13	-
10	82	44	76	45	33	49	56	36		0.15	
11	80	42	77	44	30	48	49	38		0.14	-
12	78	42	76	44	29	41	45	30		0.13	-
13	76	44	73	45	33	46	47	34		0.11	-
14	78	42	74	44	29	49	45	36		0.12	-
15	80	44	76	45	25	53	35	47		0.13	-
16	76	46	72	48	41	55	71	49		0.11	-
17	78	46	75	47	39	49	65	36		0.12	-
18	80	44	78	45	36	54	58	43		0.13	-
19	80	50	78	52	32	48	34	38		0.14	-
20	78	55	77	56	38	49	38	36		0.13	-
21	80	45			27	41	33	30		0.14	-
22	80	44	76	46	19	43	28	32		0.12	-
23	76	48	72	50	41	50	61	46		0.10	-
24	74	48	70	50	38	48	60	38		0.09	-
25	78	56	76	57	52		81			0.11	-
26	79	55	78	57	50	52	76	50		0.12	-
27	74	45	70	57	36	48	58	40		0.11	-
28	76	45			41	49	71	51		0.12	-
29	71	41			37	62	59	58		0.11	-
30			78	62		62		71		0.15	-
31	74	60	72	62	33	49	68	51		0.08	
Tot	Tot:									3.91	0.22
	Ave:										

BELA

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	69	55	65	56	48	50	65	76		0.10	0.21
2	60	46	58	48	36	48	53	65		0.10	-
3	64	41	60	42	32	32	61	28		0.11	-
4	68	45	67	47	29	38	45	38		0.12	-
5	66	42	65	45	28	35	52	32		0.11	-
6	68	42	67	44	20	32	37	23		0.14	-
7	74	40	70	42	28	47	52	44		0.15	-
8	72	40	70	42	32	46	61	34		0.14	-
9	78	42	70	44	30	53	54	68		0.15	-
10	66	41	62	42	32	44	61	12		0.13	-
11			61	50	45	56	79	88		0.12	-
12	64	48	60	50	46	58	85	94		0.11	-
13	64	44	62	45	29	47	45	49		0.10	-
14	66	44	63	46	34	49	52	51		0.11	-
15	72	40	71	41	28	36	52	26		0.12	-
16	74	44	72	46	33	50	56	46		0.13	-
17	74	45	71	45	26	53	42	47		0.12	-
18	76	46	74	48	39	52	65	44		0.14	-
19	76	46			36	54	53	43		0.15	-
20	80	50	78	52	41	52	61	38		0.15	-
21	82	51	78	52	38	51	51	35		0.17	-
22	84	56	80	58	52	50	81	43		0.18	-
23	76	48	72	50	38		60			0.16	-
24	72	48	70	50	46	44	85	48		0.15	-
25	66	45	62	46	39	32	70	26		0.14	-
26	70	38	67	40	28	39	52	30		0.15	-
27	74	42	72	44	25	39	46	30		0.16	-
28	74	42	72	45	22	45	32	38		0.16	-
29	74	40	72	42	17	43	29	29		0.17	-
Tot:										3.94	0.21
Ave:											

BELA

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	44	76	45	25	44	3	28		0.20	-
2	82	46	80	47	33	41	4	25		0.21	-
3	82	46	78	48	36	45	5	27		0.22	-
4			80	60	49	44	5	28		0.24	-
5	82	50	80	52	38	42	5	23		0.22	-
6	86	52	82	54	41	38	5	21		0.25	-
7	84	54	80	55	42	42	5	23		0.22	-
8	86	59	82	62	55	39	6	20		0.25	-
9	86	62	84	64	55	47	6	26		0.24	-
10	88	64	84	65	58	48	7	27		0.25	-
11	88	60			55		7			0.24	0.04
12	82	58	78	60	55	55	7	39		0.24	0.06
13	84	56	81	58	38	46	3	24		0.25	-
14	88	56	84	58	46	42	5	23		0.26	-
15	86	54	84	55	42	63	5	43		0.24	-
16	90	55	85	56	46	75	5	57		0.26	-
17			91	66	59	73	6	57		0.27	-
18	94	64	92	67	59	68	6	58		0.27	-
19	88	55	84	56	44	76	4	63		0.26	-
20	92	64	90	65	59	73	6	62		0.27	-
21	90	62	87	64	54	68	6	45		0.28	-
22	98	64	88	66	49	51	3	24		0.30	-
23	96	64	94	66	54	55	5	24		0.28	-
24	100	65	94	67	57	55	5	24		0.32	-
25	100	65	94	66	50	55	4	24		0.36	-
26	102	70	98	67	64	57	7	27		0.40	-
27	100	71	94	68	67	53	7	22		0.41	-
28	102	68	96	70	59	47	5	20		0.42	-
29	98	72	96	74	33	20	2	6		0.41	-
30	98	62	92	64	28	10	2	4		0.42	-
31	96	56	92	57	43	22	4	7		0.43	-
Tot:										8.89	0.10
Ave:											

BELA

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	98	54	92	55	41	33	46	11		0.44	-
2	96	62	92	62	51	41	49	17		0.42	-
3	94	70	92	72	64	59	68	31		0.41	-
4	98	72	94	74	67	58	73	32		0.44	-
5	96	68	92	70	64	44	72	18		0.43	-
6	98	67	96	68	60	29	60	11		0.48	-
7	94	66	92	68	60	56	67	28		0.46	-
8	96	68	91	70	62	35	71	12		0.48	-
9	98	64	92	66	45	31	38	10		0.50	-
10	98	60	96	62	41	25	33	8		0.52	-
11	98	62	92	64	54	32	54	10		0.53	-
12	100	66	96	68	49	50	36	20		0.56	-
13	102	68	98	70	66	59	85	31		0.58	-
14	96	71	92	74	68	60	77	34		0.56	-
15	96	72	91	74	70	59	86	36		0.55	-
16	94	74	92	75	69	58	73	50		0.54	-
17	92	70	90	72	63	49	64	21		0.53	-
18	96	68	94	70	59	42	57	17		0.54	-
19	96	66	92	67	55	31	49	10		0.55	-
20	100	74	96	75	68	50	66	31		0.57	-
21	94	68	90	70	62	38	71	15		0.56	-
22	94	70	92	72	63	56	64	29		0.54	-
23	96	74	92	75	68	59	66	37		0.53	-
24	90	72	88	73	62	60	58	34		0.52	-
25	94	75	92	76	72	60	82	29		0.54	-
26	100	76	96	78		52		28		0.56	-
27	92	74	88	75	65	60	65	34		0.54	-
28	96	72	94	74	65	44	65	16		0.56	-
29	100	72	98	75	65	37	65	13		0.58	-
30	100	68	95	70	63	57	64	23		0.52	-
Tot:										15.54	0.00
Ave:	96	69	93	70							

BELA

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	76	98	78	72	52	71	19		0.56	-
2	104	74	98	75	70	60	67	29		0.54	-
3	104	76	100	77	72	58	74	29		0.52	-
4	98	76	94	78	71	64	74	40		0.54	-
5	96	74	94	76	71	60	70	34		0.52	-
6	94	76	90	78	72	44	71	16		0.52	-
7	100	72	96	74	65	44	65	16		0.56	-
8	100	74	98	75	70	48	67	17		0.54	-
9	104	74	100	76	69	46	73	18		0.57	-
10	98	71	94	72	67	50	73	20		0.54	-
11	102	74	98	75	69	46	73	18		0.56	-
12	98	72	94	74	68	54	73	18		0.54	-
13	110	77	106	80	72	59	68	25		0.58	-
14	108	76	102	77	65	50	53	16		0.60	-
15	110	76	104	75	70	56	67	20		0.62	-
16	112	75	106	76	69	55	60	18		0.64	-
17	114	74	108	75	65	53	51	15		0.66	-
18	116	75	107	76	60	52	42	16		0.68	-
19	110	76	104	77	72	67	68	28		0.66	-
20	106	75	100	76	70	55	67	20		0.65	-
21	106	78	100	80	71	66	61	37		0.64	-
22	100	80	96	81	74	66	68	39		0.62	-
23	100	78	95	80	72	66	65	31		0.63	-
24	106	76	100	77	69	32	58	8		0.66	-
25	108	74	102	75	59	60	40	24		0.67	-
26	106	78	98	79	27	34	11	9		0.66	-
27	108	74	102	75	41	52	24	16		0.67	-
28	110	74	106	75	68	28	55	6		0.62	-
29	112	78	107	79	71	41	58	11		0.64	-
30	112	76	104	77	69	54	58	21		0.63	-
31	104	80	100	81	70	67	47	41		0.56	-
Tot:										18.60	0.00
Ave:	105	75	100	77							

BELA

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	102	78	101	68	72	68	68	38		0.54	-
2	103	76	100	77	72	60	82	24		0.54	-
3	108	78	102	80	75	60	75	24		0.56	-
4	112	76	106	77	68	58	55	22		0.62	-
5	108	76	104	78	73	57	75	23		0.56	-
6	106	76	102	77	71	63	64	30		0.55	-
7	102	80	100	81	74	67	68	34		0.52	-
8	104	78	102	80	71	67	61	40		0.50	-
9	102	80	100	81	73	64	62	25		0.51	-
10	112	80	110	81	75	58	75	20		0.54	-
11	114	82	110	83	76	75	63	49		0.56	-
12	106	84	102	85	76	71	80	39		0.52	-
13	108	82	104	84	78	72	73	43		0.53	-
14	104	82	102	83	74	73	68	48		0.51	-
15	102	82	100	83	78	76	73	53		0.50	-
16	101	82	98	83	77	72	76	45	40	0.51	-
17	102	84	100	85	74	74	65	46	41	0.52	-
18	100	82	98	84	71	71	58	39	44	0.50	-
19	102	84	100	85	73	72	62	38	48	0.52	-
20	104	82	102	84	71	73	61	40	51	0.54	-
21	106	82	104	83	79	71	76	39	44	0.55	-
22	104	84	102	85	73	67	62	33	44	0.54	-
23	104	82	102	84	76	65	72	28	47	0.53	-
24	106	78	102	80	76	65	87	28	42	0.54	-
25	106	84	104	85	73	65	62	24	44	0.54	-
26	112	84	108	85	76	73	53	40	44	0.56	-
27	104	84	101	85	75	71	60	35	48	0.54	-
28	106	86	104	87	76	72	63	37	47	0.56	-
29	106	82	103	84	79	72	80	43	34	0.36 *	0.32
30	100	84	98	85	80	72	76	38	31	0.50	-
Tot:										15.87	0.37
Ave:	105	81	102	82							

* Estimated evaporation.

BELA

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	86	102	87	75	69	60	32	36	0.52	-
2	106	86	102	87	74	78	57	83	48	0.51	-
3	108	82	104	84	77	75	69	57	36	0.52	-
4	96	82	94	83	77	70	97	47	78	0.48	-
5	95	82	92	83	72	74	62	44	62	0.44	-
6	104	84	102	85	77	73	69	42	79	0.47	-
7	102	82	100	83	77	75	72	55	77	0.46	-
8	98	84	96	85	80	73	76	48		0.42	-
9	102	82	100	84	80	75	76	49		0.47	0.80
10	100	82	98	83	77	76	72	53		0.45	0.04
11	100	84	97	85	77	74	69	46	52	0.44	-
12	102	84	100	83	80	73	76	48	67	0.45	-
13	100	86	98	87	77	75	67	49	63	0.42	-
14	104	85	102	84	77	74	69	44	61	0.43	-
15	104	84	102	85	76	76	63	47	56	0.42	-
16	106	86	104	87	79	75	70	49	58	0.43	-
17	104	85	102	86	77	78	69	49	70	0.42	-
18	106	84	104	85	79	75	76	49	78	0.46	-
19	104	82	102	83	77	74	76	48	64	0.44	-
20	102	84	100	83	74	73	65	48	64	0.42	-
21	100	85	98	86	77	70	69	41	70	0.40	-
22	102	82	100	83	77	69	76	40	65	0.41	-
23	102	82	100	83	77	72	69	43	61	0.42	-
24	103	84	101	85	75	72	69	45	64	0.42	-
25	102	82	100	83	74	69	68	37	70	0.42	-
26	102	81	100	82	78	72	79	38	53	0.41	-
27	104	80	102	82	76	72	72	43	122	0.43	-
28	102	82	100	83	79	74	76	48	49	0.40	-
29	101	82	98	83	77	69	69	42	67	0.39	-
30	102	83	100	84	74	70	68	41	70	0.40	-
31	103	82	101	83	75	72	72	43	72	0.41	-
Tot:										13.58	0.94
Ave:	102	83	100	84							

BELA

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	83	98	84	73	73	65	54	64	0.39	-
2	102	82	100	83	78	68	79	38	67	0.40	-
3	100	82	98	83	76	74	75	52	62	0.36	-
4	104	82	102	84	79	71	76	49	72	0.42	-
5	98	82	96	81	76	74	75	52	52	0.40	-
6	98	82	96	83	74	73	68	48	62	0.40	-
7	98	80	96	82	75	72	75	45	62	0.41	-
8	100	80	98	81	73	68	75	38	60	0.46	-
9	100	80	97	82	75	70	75	41	59	0.45	-
10	102	80	100	81	72	67	68	38	65	0.46	-
11	101	78	98	77		69		42	66	0.45	-
12	98	76	96	77	70	68	67	42	61	0.41	-
13	98	76	96	78	73	67	78	38	62	0.40	-
14	100	78	98	80	73	69	75	42	46	0.42	-
15	100	76	97	77	72	68	71	38	59	0.41	-
16	101	76	98	77	73	68	75	38	66	0.42	-
17	101	76	97	78	73	63	78	30	61	0.41	-
18	102	78	98	79	74	68	78	38	59	0.42	-
19	102	78	100	79	73	69	75	37	58	0.40	-
20	102	78	100	79	73	68	75	38	62	0.40	-
21	100	77	98	78	73	67	71	40	64	0.39	-
22	100	76	98	75	72	64	74	33	62	0.40	-
23	101	77	97	78	74	70	83	44	55	0.41	-
24	102	78	100	77	72	72	71	45	58	0.44	-
25	104	81	100	78	75	67	75	30	50	0.40	-
26	110	80	106	81	75	65	79	28	51	0.46	-
27	110	74	106	75	72	64	82	26	48	0.45	-
28	110	74	107	72	67	25	60	6	42	0.47	-
29	108	70	104	71	64	27	68	6	49	0.44	-
30	110	72	108	73	69	25	77	6	48	0.46	-
31	108	72	106	71	67	27	69	6	38	0.45	-
Tot:										13.08	0.00
Ave:	102	78	100	79					58		

BELA

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	108	71	102	72	66	59	69	25	81	0.44	-
2	106	72	102	73	67	59	60	26	21	0.42	-
3	102	74	100	75	67	65	60	38	57	0.41	-
4	98	71	96	72	64	66	59	37	60	0.40	-
5	98	76	96	75	72	69	71	44	53	0.41	-
6	98	76	95	77	73	70	78	44	50	0.40	-
7	100	75	98	76	71	67	74	41	53	0.39	-
8	98	76	96	77	72	68	71	42	52	0.40	-
9	100	76	98	77	74	67	83	41	61	0.41	-
10	98	75	96	76	72	66	82	37	56	0.42	-
11	100	76	98	77	71	68	64	38	55	0.43	-
12	102	78	100	77	73	66	75	31	54	0.44	-
13	104	76	101	75	73	63	75	30	48	0.45	-
14	102	76	100	77	72	64	74	33	62	0.42	-
15	100	75	97	76	71	69	74	44	90	0.41	-
16	98	77	96	78	73	66	78	39	28	0.40	-
17	100	76	97	77	73	69	75	42	58	0.41	-
18	102	76	100	77	73	49	78	15	53	0.40	-
19	108	74	106	76	71	55	74	24	44	0.45	-
20	102	72	100	73	63		53		31	0.40	-
21	104	72	101	73	67	60	69	29	44	0.42	-
22	102	72	100	73	70	39	81	11	49	0.39	-
23	104	68	101	67	59	39	60	11	36	0.38	-
24	104	66	102	67	55	46	49	15	34	0.40	-
25	106	62	102	63	49	48	40	17	35	0.42	-
26	104	70	102	69	68	41	81	14	46	0.40	-
27	102	72	100	71	69	49	81	20	55	0.36	-
28	98	70	96	71	68	60	18	34	49	0.34	-
29	96	74	94	72	68	66	66	37	52	0.34	-
30	100	72	98	73	65	61	65	32	43	0.38	-
Tot:										12.14	0.00
Ave:	101	73	99	74					50		

BELA

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	72	97	73	68	61	77	30	51	0.35	-
2	100	74	98	75	68	55	66	24	49	0.36	-
3	101	72	98	73	66	61	63	32	49	0.37	-
4	100	72	97	71	69	41	73	14	50	0.35	-
5	104	72	102	73	64	60	59	29	41	0.36	-
6	104	68	102	70	59	48	57	17	31	0.35	-
7	102	68	100	69	57	41	55	14	34	0.34	-
8	106	64	102	65	57	41	55	14	30	0.40	-
9	104	71	100	72	68	53	81	22	38	0.39	-
10	102	70	100	71	67	55	73	24	42	0.38	-
11	100	66	96	67	60	54	67	23	47	0.37	-
12	100	70	96	68	63	43	64	13	43	0.36	-
13	108	70	105	71	66	43	77	13	30	0.37	-
14	106	68	102	69	61	41	63	14	27	0.34	-
15	104	66	100	65	61	39	63	11	30	0.35	-
16	106	68	100	67	65	28	80	8	31	0.36	-
17	104	68	102	69	63	50	80	20	29	0.34	-
18	102	70	100	71	68	55	81	24	31	0.32	-
19	102	68	100	67	62	48	71	17	39	0.33	-
20	104	68	100	69	64	53	72	22	41	0.36	-
21	102	70	98	69	67	37	73	12	44	0.34	-
22	102	68	98	69	59	42	66	17	37	0.35	-
23	98	64	94	65	58	49	70	21	45	0.42	-
24	96	66	94	67	55	28	58	8	34	0.35	-
25	104	68	102	69	63	29	80	8	35	0.42	-
26	106	68	104	67	65	27	80	8	33	0.43	-
27	100	66	96	67	56	35	61	12	36	0.38	-
28	96	60	92	59	41	38	33	15	19	0.32	-
29	96	60	92	59	49	39	51	15	30	0.30	-
30	96	60	90	59	49	45	51	19	23	0.30	-
31	94	64	90	63	53	48	53	22	31	0.29	-
Tot:										11.05	0.00
Ave:	102	68	98	68					36		

* Estimated evaporation.

BELA

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	66	91	65	62	49	71	21	30	0.28	-
2	96	64	92	65	54	53	54	24	26	0.29	-
3	98	62	94	61	47	46	44	18	23	0.31	-
4	100	60	96	61	44	39	42	14	30	0.32	-
5	100	58	98	57	46	39	56	14	23	0.30	-
6	100	58	96	59	50	39	55	15	20	0.29	-
7	98	60	96	59	42	35	36	12	21	0.28	-
8	98	58	96	57	47	35	47	12	19	0.29	-
9	96	60	94	61	42	38	36	15	20	0.28	-
10	94	62	90	61	59	46	79	23	31	0.28	-
11	92	62	88	60	61	41	89	18	23	0.27	-
12	94	60	90	59	55	39	73	16	25	0.28	-
13	94	58	92	59	53	44	68	20	23	0.27	-
14	92	59	90	60	52	35	63	12	27	0.26	-
15	96	60	92	59	45	29	46	11	32	0.27	-
16	94	58	92	59	47	20	49	7	29	0.25	-
17	94	56	90	57	45	25	49	8	35	0.26	-
18	96	58	92	59	48	17	50	6	32	0.27	-
19	94	58	90	59	43	17	41	6	23	0.24	-
20	96	60	91	61	44	32	42	14	22	0.25	-
21	92	60	87	59	52	31	63	12	25	0.24	-
22	94	58	92	59	49	31	54	14	19	0.23	-
23	88	56	84	55	51	34	66	15	43	0.22	-
24	90	57	88	56	47	46	49	34	30	0.24	-
25	80	56	77	57	52	45	81	27	40	0.22	-
26	84	52	80	51	35	47	36	31	24	0.25	-
27	82	48	79	47	38	41	60	24	19	0.24	-
28	86	52	80	51	41	45	53	27	18	0.25	-
29	84	50	82	49	38	35	51	17	15	0.23	-
30	86	52	81	53	42	42	58	23	17	0.22	-
Tot:										7.88	0.00
Ave:	93	58	89	58					25		

BELA

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	86	50	82	49	35	30	42	15	19	0.23	-
2	84	50	80	51	41	51	53	30	16	0.22	-
3	88	52	84	51	35	36	36	17	21	0.23	-
4	88	52	86	50	41	42	46	23	17	0.24	-
5	86	50	82	51	41	50	61	33	21	0.23	-
6	86	52	82	53	43	47	63	31	27	0.22	-
7	82	48	80	49	33	43	73	29	25	0.21	-
8	80	47	76	46	40	40	65	27	5	0.20	-
9	78	46	76	45	28	43	35	29	22	0.19	-
10	80	44	78	42	21	46	29	34	40	0.20	-
11	78	42	76	41	19	43	28	29	86	0.19	-
12	80	44	78	43	-3	34	8	19	20	0.20	-
13	82	42	80	44	20	47	26	31	24	0.21	-
14	84	48	81	46	35	45	49	27	14	0.22	-
15	84	48	80	49	38	41	60	25	14	0.21	-
16	82	45	80	44	36	46	58	33	16	0.18	-
17	80	44	76	45	33	58	56	70	29	0.17	0.20
18	70	44	66	45	34	56	52	61	9	0.16	0.11
19	72	50	70	51	41	52	61	50	12	0.17	-
20	74	52	72	53	48	51	75	49	17	0.18	-
21	74	55	70	56	33	56	47	61	23	0.17	-
22	72	46	68	45	39	49	65	51	15	0.16	-
23	70	45	66	44	34	52	52	50	26	0.15	-
24	74	48	70	49	38	48	51	38	29	0.17	-
25	78	48	76	50	34	19	44	11	28	0.18	-
26	80	46	78	47	30	41	39	38	50	0.19	-
27	70	41	66	42	23	42	40	36	28	0.16	-
28	72	36	70	37	17	45	31	38	36	0.17	-
29	74	38	72	39	14	42	30	36	64	0.18	-
30	72	38	70	40	17	45	31	38	21	0.17	-
31	74	38	70	39	17	48	31	40	28	0.17	-
Tot:										5.93	0.31
Ave:	79	46	76	46					26		

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BESHAM QILA - 1972

Location Latitude 34°56', Longitude 72°53', about ½ mile from Besham Qila post and 55 miles from Saidu Sharif Indus Valley Road.

Elevation

Period of Record Rain gauge installed by Surface Water Hydrology Project on 25.7.1968. Later in 1970, it was converted into complete climatological observatory.

Instruments
5" Non-recording rain gauge.
U.S. Universal weighing type recording rain gauge.
Maximum and Minimum air temperature thermometer.
Maximum and Minimum pan water temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau Standard Evaporation pan.

Annual figures

Precipitation	50.28 inches
Evaporation (Pan)	81.71 inches
Absolute Maximum air temperature	112°F
Absolute Minimum air temperature	33°F

Remarks Annual figures are calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures, are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) indicates no precipitation.

BESHAM QILA

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	65	52	53	45	41	35	58	36		0.14	-
2	67	45	62	43	34	38	63	49		0.16	-
3	70	44	60	41	36	35	56	51		0.12	-
4	67	44	58	39	27	34	49	43		0.11	-
5	68	44	58	39	27	32	49	42		0.13	-
6	69	41	58	40	26	31	53	44		0.13	-
7	64	40	56	38	25	26	52	25		0.10	-
8	69	40	55	38	36	31	37	37		0.14	-
9	59	43	50	40	27	35	44	44		0.10	-
10	70	46	59	40	28	38	45	43		0.14	-
11	68	41	59	41	34	34	75	43		0.10	-
12	65	41	56	40	30	35	56	44		0.11	-
13	63	45	51	39	35	46	55	86		0.10	-
14	61	43	51	44	41	47	85	70		0.06	0.61
15	62	44	61	44	37	45	65	65		0.10	-
16	61	47	54	44	45	47	86	70		0.06	-
17	59	48	58	47	44	48	80	63		0.07	-
18	65	48	63	47	39	42	67	52		0.10	-
19	62	45	55	46	44	43	92	60		0.04	0.67
20	58	45	52	46	46	48	80	100		0.05	0.07
21	53	44	50	45	45	33	100	100		0.03	1.43
22	46	33	45	33	35	44	100	85		0.02	2.25
23	51	35	53	33	34	37	63	56		0.08*	0.20
24	56	45	49	41	35	39	55	53		0.10	-
25	58	48	57	44	39	44	67	64		0.11	-
26	58	47	54	45	46	42	93	79		0.07	0.05
27	50	42	53	40	37	34	77	40		0.08	0.51
28	60	44	57	40	38	43	66	68		0.09	-
29	56	43	57	45	42	44	92	92		0.06	0.31
30	46	43	47	43	43	43	92	92		0.03	0.42
31	48	39	46	40	41	44	100	100		0.03	1.17
Tot:										2.76	7.49
Ave:	60	44	55	42							

* Estimated evaporation.

BESHAM QILA

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	45	40	42	39	41	45	85	75		0.06	0.41
2	55	43	54	41	43	47	92	81		0.06	0.09
3	56	45	54	44	42	43	85	64		0.05	-
4	58	43	58	45	40	42	84	68		0.05	-
5	54	43	55	44	37	43	77	74		0.05	0.02
6	56	43	56	43	41	37	85	56		0.08	-
7	57	39	57	38	31	23	67	23		0.07	-
8	63	41	60	38	14	18	22	19		0.16	-
9	64	47	61	40	17	18	26	19		0.25	-
10	63	51	55	40	25	33	31	49		0.28	-
11	58	46	53	44	37	38	60	61		0.14	-
12	51	35	48	39	39	43	91	92		0.12	0.92
13	46	40	44	38	35	39	83	78		0.03	0.18
14	52	37	50	37	34	31	82	52		0.06	0.01
15	54	38	55	38	30	34	74	50		0.07	-
16	58	36	59	37	29	16	73	19		0.11	-
17	60	35	59	35	19	25	31	29		0.20	-
18	62	42	61	39	19	15	31	16		0.20	-
19	64	46	62	39	11	11	18	13		0.25	-
20	68	47	64	41	31	23	52	19		0.28	-
21	69	48	62	42	43	41	79	100		0.27	0.02
22	49	40	48	41	42	45	100	100		0.03	1.76
23	47	42	44	41	43	43	92	64		0.01	0.37
24	62	45	53	42	44	44	92	85		0.02	0.52
25	50	43	49	44	42	45	92	75		0.01	0.22
26	54	42	56	42	36	39	76	55		0.06	0.01
27	65	43	65	42	29	29	47	29		0.13	-
28	64	48	60	44	35	34	59	35		0.18	-
29	68	45	64	42	34	39	63	38		0.19	-
Tot:										3.47	4.53
Aver	58	43	55	41							

BESHAM QILA

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	73	45	68	42	31	18	44	13		0.20	-
2	73	49	69	45	33	42	49	36		0.30	-
3	75	49	68	45	39	39	50	38		0.18	-
4	67	52	63	52	50	47	87	65		0.17	0.12
5	58	49	57	50	48	50	93	71		0.04	0.47
6	64	50	64	50	49	47	93	65		0.06	0.08
7	60	48	60	49	46	47	86	58		0.06	0.05
8	64	44	63	47	44	46	100	86		0.08	1.17
9	51	44	52	42	41	43	85	46		0.05	0.24
10	70	45	71	42	38	38	57	33		0.13	-
11	70	53	62	48	34	49	33	100		0.16	-
12	64	46	62	46	47	46	100	86		0.06	1.26
13	52	45	52	44	38	33	61	26		0.02	0.83
14	71	49	71	44	32	32	34	23		0.23	-
15	75	58	70	50	42	48	52	63		0.33	-
16	70	52	60	51	47	41	75	35		0.10	0.05
17	75	53	75	51	49	45	76	37		0.21	0.08
18	76	53	78	51	43	33	64	20		0.28	-
19	78	53	70	51	50	51	87	87		0.19	0.30
20	55	51	55	50	49	48	81	59		0.03	0.29
21	66	51	67	50	46	51	75	48		0.12	0.05
22	75	53	75	50	41	52	58	43		0.14	-
23	81	54	80	51	45	55	61	40		0.22	-
24	85	58	81	55	45	41	53	23		0.31	-
25	87	62	80	56	53	50	68	53		0.27	0.02
26	72	57	68	52	52	56	73	59		0.11	0.38
27	74	55	72	56	52	55	87	47		0.13	0.46
28	82	56	85	56	52	57	64	83		0.16	-
29	69	56	67	56	51	55	72	49		0.10	0.20
30	81	58	84	56	50	51	71	36		0.19	-
31	83	58	83	55	45	39	61	23		0.27	-
Tot:										4.90	6.05
Ave:	71	52	70	50							

BESHAM OILA

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	85	58	84	55	43	46	56	30		0.30	-
2	86	59	82	54	41	43	45	27		0.32	-
3	83	62	80	56	47	47	48	48		0.27	-
4	72	53	68	55	53	90	94	93		0.10	0.67
5	56	51	55	51	51	59	93	74		0.06	1.06
6	68	52	69	51	48	48	81	35		0.07	-
7	83	54	84	52	52	40	73	30		0.22	-
8	79	58	73	56	49	47	63	43		0.20	-
9	77	56	79	55	50	45	71	32		0.21	-
10	81	57	80	55	49	55	71	65		0.26	-
11	80	57	78	56	51	48	72	31		0.20	-
12	85	59	84	56	47	45	58	25		0.28	-
13	89	60	85	56	47	46	58	26		0.36	-
14	92	61	87	57	46	46	45	27		0.38	-
15	89	61	81	59	60	58	94	94		0.25	0.32
16	66	55	66	56	55	57	94	83		0.03	1.23
17	63	56	65	55	55	49	83	35		0.03	0.20
18	82	60	86	55	55	52	74	57		0.27	-
19	73	56	70	55	53	49	83	44		0.14	-
20	78	55	77	56	53	58	88	60		0.18	0.09
21	77	56	82	56	51	41	77	23		0.20	-
22	85	58	86	55	46	35	57	17		0.31	-
23	88	60	85	56	46	41	54	21		0.36	-
24	91	62	86	56	49	44	53	23		0.38	-
25	92	64	87	58	47	53	46	32		0.38	-
26	91	57	84	60	50	56	47	37		0.30	-
27	93	66	89	63	54	59	55	75		0.32	-
28	78	60	72	59	55	53	78	73		0.13	1.08
29	63	57	61	55	54	63	78	65		0.03	0.48
30	81	61	82	56	48	48	47	39		0.16	-
Tot:										6.70	5.13
Ave:	80	58	78	56							

BESHAM QILA

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	76	58	67	56	51	46	60	30		0.13	-
2	82	60	79	57	49	56	59	66		0.25	-
3	83	59	83	58	54	54	65	47		0.19	0.01
4	84	66	84	59	54	57	65	46		0.24	-
5	82	66	78	60	59	56	71	53		0.19	-
6	75	60	73	61	56	51	79	51		0.09	0.30
7	71	62	71	60	55	54	59	31		0.16	0.28
8	85	62	87	61	53	57	55	38		0.30	0.05
9	90	70	90	64	53	51	52	40		0.28	-
10	78	61	76	61	49	50	37	31		0.24	-
11	85	66	78	63	55	52	52	25		0.27	-
12	97	70	92	64	51	56	40	28		0.32	-
13	97	68	93	66	56	51	53	31		0.36	0.01
14	88	63	86	62	56	51	59	29		0.38	0.46
15	91	69	90	64	57	48	53	24		0.34	-
16	91	75	86	65	55	50	40	27		0.48	-
17	93	73	89	65	50	47	34	20		0.39	-
18	99	71	93	64	55	42	45	15		0.47	-
19	101	71	93	63	49	39	35	12		0.49	-
20	103	71	95	63	49	41	33	14		0.52	-
21	103	74	94	65	49	54	33	25		0.50	-
22	101	68	91	67	58	57	57	44		0.41	0.14
23	84	66	84	65	58	57	63	38		0.32	0.52
24	87	69	89	65	60	53	64	48		0.32	-
25	79	65	70	61	53	55	48	37		0.16	-
26	88	67	89	63	53	39	46	17		0.33	-
27	94	66	91	62	45	41	37	18		0.41	-
28	93	68	85	62	38	33	21	14		0.34	-
29	94	78	90	63	36	38	19	15		0.63	-
30	96	69	90	63	49	40	33	15		0.55	-
31	100	71	92	64	48	40	31	13		0.56	-
Tot:										10.62	1.81
Ave:	89	67	85	62							

BESHAM QILA

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	105	75	94	65	50	44	31	16		0.55	-
2	105	79	96	66	54	49	35	23		0.54	-
3	96	75	87	66	56	48	41	19		0.52	0.05
4	101	69	96	68	53	55	41	43		0.48	-
5	93	67	83	64	57	58	53	74		0.40	-
6	92	56	87	61	57	46	60	21		0.47	0.57
7	94	67	93	65	53	59	44	37		0.35	-
8	100	69	96	65	51	53	40	31		0.40	-
9	93	68	86	62	54	46	49	21		0.35	-
10	100	71	92	63	50	45	38	16		0.45	-
11	104	74	95	66	48	47	30	16		0.52	-
12	107	76	97	69	53	59	36	45		0.50	-
13	104	73	94	66	53	49	39	17		0.45	-
14	105	76	96	67	57	56	36	22		0.47	-
15	108	78	99	68	57	56	36	19		0.55	-
16	110	78	99	67	49	43	28	11		0.63	-
17	111	78	97	67	46	45	26	12		0.60	-
18	112	77	98	67	51	44	33	12		0.62	-
19	111	78	94	68	43	48	22	15		0.60	-
20	109	75	95	70	52	51	37	16		0.47	-
21	107	79	94	70	53	59	39	49		0.47	-
22	105	71	90	70	65	64	60	38		0.50	0.70
23	98	77	92	70	69	64	61	34		0.28	-
24	105	79	97	75	64	65	49	31		0.37	-
25	105	79	95	77	65	62	49	53		0.34	-
26	106	72	95	69	61	63	48	33		0.42	0.27
27	99	70	96	70	69	65	70	60		0.44	0.46
28	99	70	97	70	65	63	81	51		0.43	0.40
29	83	68	80	67	67	62	77	35		0.10	0.15
30	100	74	100	68	65	65	63	54		0.34	-
Tot:										13.61	2.60
Ave:	102	73	94	68							

BESHAM QILA

July 1972

Date	TEMPERATURE °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	83	68	84	68	65	61	66	29		0.11	0.17
2	99	73	98	77	64	67	59	31		0.44	-
3	105	79	100	75	68	63	61	33		0.45	-
4	100	69	94	71	66	67	70	37		0.45	0.40
5	99	65	98	68	65	60	77	47		0.21*	0.91
6	91	68	94	68	63	68	76	53		0.27	0.08
7	87	68	90	67	63	61	62	31		0.25	0.02
8	97	71	97	70	64	61	62	31		0.38	-
9	101	77	98	73	70	65	65	39		0.42	-
10	96	77	94	76	70	67	65	41		0.35	-
11	98	70	94	71	71	68	86	53		0.41	0.54
12	90	71	93	72	70	66	82	44		0.26	0.25
13	93	73	94	74	70	67	71	41		0.29	-
14	97	75	97	76	71	67	71	36		0.36	-
15	101	79	98	76	69	65	59	31		0.42	-
16	104	80	99	77	68	70	56	36		0.46	-
17	104	73	98	72	67	73	70	75		0.45	0.26
18	90	73	90	73	67	67	63	85		0.17	0.07
19	91	70	93	68	64	63	65	56		0.24	0.21
20	96	64	96	66	63	65	72	42		0.19*	0.92
21	93	71	95	68	64	65	69	36		0.37	-
22	97	75	97	70	65	62	60	31		0.38	-
23	100	77	97	72	65	72	66	41		0.45	-
24	101	77	97	74	68	65	61	33		0.43	-
25	101	72	97	72	68	63	74	48		0.49	0.15
26	98	72	95	72	67	59	73	47		0.30	0.15
27	99	70	96	67	60	61	58	28		0.37	0.02
28	101	76	95	69	60	59	47	23		0.46	-
29	105	71	97	72	69	70	90	65		0.48	0.68
30	86	69	85	67	64	67	69	44		0.22	0.34
31	95	71	96	68	62	65	62	36		0.25	0.07
Tot:										10.78	5.24
Ave:	97	72	95	71							

Estimated evaporation.

BESHAM QILA

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	97	75	99	70	65	67	63	39		0.35	-
2	100	78	98	73	65	68	57	36		0.40	-
3	102	81	99	75	70	68	65	36		0.42	-
4	103	83	99	79	72	70	65	38		0.43	-
5	103	84	100	81	73	70	62	38		0.40	-
6	102	74	100	75	75	73	95	75		0.21*	1.02
7	82	71	83	73	71	68	95	53		0.10	0.95
8	92	71	98	72	70	69	82	51		0.28	-
9	93	71	96	67	67	70	77	51		0.26	0.40
10	92	73	96	67	66	70	73	47		0.33	-
11	95	73	97	67	64	68	62	43		0.36	-
12	95	75	96	70	68	68	67	45		0.32	-
13	97	73	99	73	72	69	86	49		0.37	-
14	94	71	94	72	69	64	86	47		0.31	0.02
15	88	70	89	71	69	69	86	49		0.22	-
16	95	73	95	72	67	68	70	45		0.30	-
17	97	69	96	72	67	64	81	44		0.37	0.07
18	91	72	92	72	68	69	74	47		0.28	-
19	95	73	94	72	68	64	74	49		0.33	-
20	90	72	88	70	65	65	66	43		0.28	-
21	94	74	90	71	66	67	73	42		0.30	-
22	97	69	95	67	65	66	85	46		0.41	0.71
23	93	70	94	68	67	69	81	74		0.28	0.20
24	87	69	90	69	64	68	72	49		0.25	-
25	93	67	94	67	63	63	76	51		0.29	0.29
26	86	67	88	67	65	64	85	44		0.18	-
27	92	70	93	69	67	66	85	46		0.18	-
28	95	72	94	71	70	70	78	51		0.31	-
29	91	71	90	71	71	74	95	87		0.20	0.12
30	80	72	81	71	71	74	91	79		0.04	0.04
31	84	71	85	72	69	67	86	61		0.07	0.07
Tot:										8.83	3.89
Ave:	93	73	94	71							

BESHAM QILA

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	91	71	91	68	63	68	65	47		0.26	0.06
2	94	72	93	68	67	66	81	46		0.30	-
3	97	73	95	72	72	63	86	37		0.31	-
4	98	75	95	76	70	67	78	41		0.34	-
5	99	75	95	75	67	65	70	39		0.34	-
6	98	77	94	76	69	67	67	43		0.34	-
7	98	74	93	72	70	67	78	42		0.36	-
8	100	76	94	72	71	71	71	86		0.34	-
9	91	71	87	70	69	71	86	95		0.27	0.49
10	90	67	88	69	67	71	90	95		0.28	0.53
11	89	67	90	67	64	63	76	85		0.21	-
12	89	64	86	64	62	66	89	55		0.31	0,66
13	90	65	90	64	65	67	85	48		0.22	-
14	92	70	93	70	67	68	77	49		0.25	-
15	93	75	92	73	71	70	82	54		0.27	0.03
16	93	70	93	71	69	67	86	50		0.29	0.31
17	91	67	91	66	60	61	75	55		0.29	0.42
18	88	66	89	64	60	61	75	55		0.22	-
19	83	61	80	62	60	53	89	61		0.14	0.42
20	68	58	66	58	57	54	89	49		0.06	2.16
21	76	59	79	58	55	56	74	50		0.20	0.13
22	81	59	83	57	50	57	67	53		0.22	-
23	83	59	84	57	47	54	62	47		0.22	-
24	87	60	84	57	46	52	54	35		0.25	-
25	89	63	85	57	47	52	55	35		0.25	-
26	89	61	86	58	51	56	64	41		0.26	-
27	90	62	85	62	54	54	65	38		0.24	-
28	91	64	87	62	53	52	65	35		0.24	-
29	91	64	87	62	54	49	65	32		0.25	-
30	91	65	86	63	57	46	74	30		0.26	-
Tot:										7.79	5.21
Ave:	90	67	88	66							

BESHAM QILA

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	88	64	86	63	52	52	61	35		0.25	-
2	90	64	87	61	58	61	71	75		0.26	-
3	91	61	86	60	55	59	78	67		0.16	0.28
4	72	59	68	57	42	53	52	41		0.10	-
5	84	59	82	56	55	58	78	45		0.17	-
6	88	62	86	59	51	44	68	31		0.23	-
7	87	61	82	57	49	54	63	42		0.22	-
8	85	60	81	56	54	54	73	45		0.20	-
9	88	62	83	61	56	55	70	40		0.21	-
10	89	65	85	62	52	55	61	40		0.22	-
11	90	63	85	59	40	51	59	36		0.22	-
12	89	63	83	58	45	50	50	34		0.23	-
13	88	64	82	58	46	50	51	34		0.26	-
14	91	63	83	58	46	49	59	33		0.25	-
15	91	63	83	60	43	49	43	33		0.28	-
16	89	61	80	57	55	60	78	64		0.31	0.05
17	79	59	73	61	57	54	89	73		0.20	0.37
18	66	55	66	55	56	49	100	63		0.01	0.53
19	71	54	68	51	45	51	69	48		0.13	-
20	80	54	76	50	48	45	63	50		0.15	-
21	74	52	65	53	51	45	93	69		0.06	0.70
22	60	52	61	50	49	43	81	41		0.05	0.37
23	72	51	69	50	34	50	33	56		0.10	-
24	79	53	75	50	43	39	64	36		0.13	-
25	79	54	76	51	41	48	58	49		0.15	-
26	82	53	75	51	38	44	53	44		0.16	-
27	81	52	75	50	39	47	57	46		0.15	-
28	81	53	73	50	37	47	52	46		0.15	-
29	81	51	74	50	42	48	68	49		0.14	-
30	80	51	73	50	42	47	68	48		0.14	-
31	78	52	72	51	46	49	75	59		0.12	-
Tot:										5.41	2.30
Ave:	82	58	77	55							

BESHAM QILA

November 1972

Date	MPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	76	52	70	51	46	50	75	53		0.11	-
2	77	53	70	51	43	49	64	53		0.12	-
3	79	54	72	51	41	46	58	45		0.13	-
4	82	55	73	51	38	53	49	55		0.14	-
5	85	57	75	51	47	41	65	28		0.18	-
6	87	57	75	52	41	43	54	27		0.22	-
7	89	57	79	52	37	51	39	42		0.23	-
8	80	58	69	52	37	45	42	37		0.20	-
9	87	59	72	52	41	46	45	43		0.17	-
10	75	55	68	53	47	49	70	50		0.13	-
11	78	55	70	53	51	50	77	53		0.14	-
12	74	55	68	53	44	49	64	50		0.12	-
13	79	54	70	52	45	48	69	49		0.13	-
14	80	53	70	50	39	44	57	44		0.12	-
15	82	52	70	48	35	40	51	39		0.15	-
16	83	52	70	47	34	39	46	38		0.15	-
17	82	53	69	47	31	36	41	34		0.15	-
18	81	54	68	47	34	36	46	34		0.15	-
19	81	53	67	46	31	39	44	38		0.13	-
20	83	51	65	46	31	36	44	34		0.14	-
21	81	52	67	47	31	35	37	36		0.14	-
22	67	51	54	49	50	49	93	93		0.06	0.33
23	53	47	51	47	47	49	93	93		0.02	0.55
24	52	48	50	46	46	51	86	82		0.01	0.36
25	61	50	57	46	49	52	93	82		0.01	-
26	69	47	61	46	42	55	79	83		0.06	-
27	79	48	65	45	37	54	60	69		0.10	-
28	74	45	64	44	38	47	77	70		0.12	-
29	70	45	62	42	34	44	54	61		0.10	-
30	72	49	63	43	29	43	34	60		0.15	-
Tot:										3.78	1.24
Ave:	77	52	67	48							

BESHAM QILA

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	52	61	45	17	41	15	37		0.21	-
2	75	63	64	48	20	42	18	36		0.35	-
3	75	50	65	46	37	29	60	24		0.26	-
4	73	50	63	46	38	37	53	39		0.20	-
5	65	50	57	45	34	41	50	51		0.12	-
6	70	48	62	45	35	38	59	46		0.10	-
7	73	48	61	44	34	40	54	47		0.10	-
8	68	50	56	45	32	42	42	55		0.13	-
9	61	49	53	46	38	41	57	54		0.05	-
10	61	48	54	46	44	47	80	75		0.05	-
11	58	46	56	44	38	49	71	76		0.05	0.14
12	67	43	69	42	36	34	76	40		0.08	-
13	68	43	59	42	11	11	13	11		0.15	-
14	72	52	64	45	25	11	34	11		0.30	-
15	70	48	60	46	33	29	49	31		0.16	-
16	63	51	52	44	47	45	86	93		0.06	0.11
17	52	46	48	45	42	49	73	93		0.02	0.68
18	54	48	50	45	44	49	80	81		0.01	0.15
19	58	45	55	46	43	41	85	54		0.03	0.85
20	59	47	60	46	45	43	86	60		0.07	-
21	61	48	58	46	37	34	56	37		0.07	-
22	63	48	60	46	42	44	73	80		0.11	-
23	57	41	53	42	40	44	92	74		0.02	0.26
24	55	42	54	41	42	44	79	92		0.05	-
25	49	43	48	42	43	42	92	68		0.02	0.10
26	60	45	57	43	42	36	85	100		0.04	0.07
27	47	36	46	38	40	43	100	92		0.02	2.04
28	46	40	45	39	41	38	92	61		0.03	0.24
29	54	41	52	41	37	29	84	40		0.02	0.15
30	57	41	56	41	34	31	63	41		0.10	-
31	58	41	51	39	32	32	68	39		0.08	-
Tot:										3.06	4.79
Ave:	62	47	56	44							

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BHAKKAR - 1972

Location Latitude 31°37', Longitude 71°05', situated in the premises of Grid Station, 2 miles from Bhakkar town on Bhakkar - Jhang Road.

Elevation

Period of record Observatory established by Surface Water Hydrology Project, WAPDA, in January, 1970.

Instruments
5" Non-recording rain gauge.
Maximum and Minimum air temperature thermometer.
Maximum and Minimum pan water temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau Standard Evaporation pan.
Anemometer.

Annual figures

Precipitation	Incomplete
Evaporation (Pan)	112.66 inches
Absolute maximum are temperature	121°F
Absolute Minimum are temperature	Incomplete

Remarks
Annual figures are calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

BHAKKAR

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	38	66	44	37	43	76	41	8	0.10	-
2	71	32	61	42	28	35	71	30	4	0.14	-
3	73	33	64	41	30	34	72	25	13	0.12	-
4	71	31	63	41	28	41	71	41	18	0.13	-
5	72	33	63	44	32	34	66	25	35	0.15	-
6	74	31	71	41	23	30	49	28	32	0.22	-
7	70	28	61	38	19	39	57	36	24	0.13	-
8	73	26	62	37	20	32	57	26	23	0.15	-
9	70	29	61	38	26	30	70	21	10	0.30	-
10	71	30	63	38	27	23	70	17	32	0.16	-
11	75	31	64	39	29	28	68	22	23	0.13	-
12	73	29	64	40	28	34	78	27	11	0.11	-
13	71	31	63	40	33	40	56	52	12	0.10	-
14	63	38	54	41	35	33	74	31	57	0.11	-
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29	69	35	61	42	38	49	83	66	343+	1.90+	-
30	72	39	57	41	38	25	83	21	31	0.10	-
31	71	38	58	42	35	35	74	34	10	0.09	-
Tot:										3.94	
Ave:									22		

+ 15 days observation.

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	70	37	57	44	36	43	75	44	14	0.08	-
2	76	35	56	41	31	40	73	52	47	0.09*	0.35
3	64	36	56	41	48	42	70	50	63	0.12	-
4	63	35	54	42	32	30	60	36	70	0.13	-
5	65	39	57	39	20	33	37	35	81	0.30	-
6	64	34	63	39	25	21	50	19	44	0.18	-
7	63	33	63	40	21	25	39	21	47	0.14	-
8	70	29	67	40	25	21	69	13	26	0.16	-
9	76	33	69	41	30	23	65	16	21	0.13	-
10	74	39	68	42	30	37	59	31	20	0.17	-
11	71	42	70	46	38	41	60	71	32	0.14	-
12	53	37	53	37	28	39	64	65	106	0.12	0.09
13	51	35	53	39	31	32	73	34	86	0.12	0.35
14	62	37	63	39	38	32	76	40	44	0.12	-
15	56	35	60	40	33	32	81	37	60	0.16	-
16	60	37	62	41	36	18	75	18	30	0.14	-
17	64	34	70	43	33	21	81	18	27	0.20	-
18	69	36	68	42	35	30	74	23	18	0.15	-
19	72	39	70	44	38	36	76	28	17	0.14	-
20	74	42	73	48	41	32	77	29	11	0.16	-
21	76	47	73	51	47	37	74	24	10	0.13	-
22	79	54	77	53	46	43	60	39	51	0.24	-
23	73	53	73	49	28	21	35	17	120	0.32	-
24	69	48	65	42	26	82	38	11	182	0.49	-
25	65	42	65	39	19	3	31	10	108	0.34	-
26	66	43	64	39	20	14	34	14	139	0.40	-
27	67	30	67	33	21	18	39	13	43	0.20	-
28	74	34	72	41	27	23	36	16	21	0.19	-
29	74	38	71	45	26	30	31	21	53	0.27	-
Tot:										5.53	0.79
Ave:	68	38	65	42					55		

* Estimated evaporation.

BHAKKAR

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	76	35	74	46	56	10	33	15	45	0.28	-
2	80	39	75	45	45	18	29	31	10		-
3	82	49	77	49	47	22	38	35	11	0.40+	-
4	82	58	78	57	61	32	43	39	25	0.25	-
5	71	49	65	50	75	38	49	45	97	0.24	-
6	74	47	73	51	86	31	48	41	42	0.24	-
7	76	51	76	54	75	76	49	53	14	0.17	-
8	65	48	62	52	81	36	52	45	19	0.06	0.02
9	75	52	76	53	81	26	51	38	30	0.18	-
10	76	53	81	56	75	41	49	46	33	0.24	-
11	73	53	69	55	71	42	51	48	41	0.14	-
12	73	57	70	56	62	30	50	45	45	0.15	-
13	80	53	81	54	61	25	47	38	46	0.26	-
14	78	49	79	54	55	18	44	34	62	0.30	-
15	84	55	80	58	49	19	45	37	28	0.25	-
16	85	54	80	59	52	27	45	45	24	0.23	-
17	84	53	83	59	53	25	48	43	22	0.26	-
18	87	58	85	60	59	30	51	49	25	0.30	-
19	87	60	82	61	88	55	57	56	48	0.26	0.10
20	79	58	82	60	88	48	57	58	73	0.25*	0.27
21	81	57	86	60	78	27	57	46	20	0.19	-
22	85	57	88	63	64	20	55	41	21	0.23	-
23	90	60	83	62	57	20	54	47	20	0.29	-
24	95	62	90	62	59	23	58	52	15	0.28	-
25	98	65	91	65	53	27	59	55	14	0.30	-
26	100	66	89	65	60	28	61	55	43	0.38	-
27	95	65	90	62	58	26	55	49	98	0.48	-
28	90	67	88	62	55	34	57	57	36	0.33	-
29	94	65	87	63	58	15	57	35	57	0.37	-
30	90	62	80	60	49	16	51	37	64		-
31	91	60	86	60	44	12	47	31	39	0.69+	-
Tot:										8.00	0.49
Ave:	83	55	80	57					38		

\+ 2 days observation.

* Estimated evaporation.

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	94	55	88	59	47	43	47	11	31	0.36	-
2	95	58	88	60	52	51	50	16	21	0.37	-
3	94	60	82	62	48	51	40	24	28	0.33	-
4	92	69	81	62	54	46	51	32	81	0.45	-
5	89	55	87	58	53	51	60	26	51		-
6	86	58	87	60	52	46	53	21	34		-
7	92	66	91	62	57	48	62	32	45	1.06+	-
8	90	63	88	61	55	53	51	22	48	0.33	-
9	91	62	87	59	48	52	47	18	66	0.38	-
10	88	55	84	60	54	51	54	21	49	0.42	-
11	92	62	88	61	59	49	59	23	39	0.38	-
12	95	58	91	64	53	54	45	12	23	0.34	-
13	100	59	92	63	47	52	35	13	22	0.40	-
14	104	61	92	64	50	47	39	12	26	0.37	-
15	103	76	91	65	52	32	36	32	67	0.45	-
16	96	68	86	65	61	45	67	31	113	0.42	-
17	90	65	88	64	57	28	58	65	41	0.36	-
18	87	56	85	55	57	67	69	26	43	0.20	0.01
19	89	62	89	65	56	32	61	37	40	0.34	0.18
20	87	62	90	64	49	44	40	26	27	0.32	-
21	91	64	90	63	54	31	48	26	53	0.42	-
22	93	69	91	64	53	49	45	31	22	0.33	-
23	88	61	79	62	57	29	49	24	26	0.32	-
24	94	65	91	68	59	20	46	18	15	0.30	-
25	97	66	92	67	54	15	37	11	29	0.41	-
26	102	73	95	67	49	27	30	19	36	0.50	-
27	102	71	92	68	59	10	51	34	77	0.43	-
28	93	66	87	64	62	23	71	36	94	0.55	0.44
29	87	63	92	64	60	26	67	29	37	0.31	0.05
30	92	65	92	68	55	32	43	23	22	0.38	-
Tot:										11.23	0.68
Ave:	93	63	89	63					44		

+ 3 days observation.

BHAKKAR

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	97	71	95	64	50	43	39	19	68	0.52	-
2	95	73	88	64	54	51	48	24	90	0.55	-
3	97	67	90	65	55	51	43	21	36	0.40	-
4	99	75	93	68	55	46	39	18	22	0.40	-
5	98	70	91	67	56	51	46	27	59	0.46	-
6	94	71	90	65	56	46	44	23	108	0.54	-
7	93	65	82	62	54	48	54	22	110	0.45	-
8	94	71	91	63	57	53	42	24	25	0.34	-
9	98	74			59	52	41	21	33	0.40	-
10	102	77	95	72	55	51	34	19	34	0.44	-
11	103	78	95	73	55	49	30	15	35	0.46	-
12	107	76	99	74	55	54	34	18	24	0.48	-
13	112	82	99	72	55	52	30	23	53	0.60	-
14	101	72	86	66	55	47	43	18	141	0.55	-
15	101	70	92	69	55	32	30	8	57	0.58	-
16	107	79	99	72	56	45	36	16	40	0.50	-
17	105	73	97	73	57	28	33	6	40	0.49	-
18	109	74	100	73	48	67	22	26	21	0.50	-
19	110	71	99	72	52	32	28	7	30	0.58	-
20	111	72	98	72	54	44	29	11	38	0.61	-
21	115	75	99	73	49	31	21	6	46	0.68	-
22	117	87	103	75	53	49	24	14	66	0.77	-
23	110	89	97	72	31	29	10	7	101	0.82	-
24	108	61	96	71	59	20	40	5	66	0.65	-
25	107	79	96	64	35	15	15	4	69	0.63	-
26	105	68	95	68	44	27	23	6	52	0.60	-
27	106	65	97	67	36	10	16	3	31	0.55	-
28	104	64	95	65	44	23	23	5	36	0.60	-
29	106	69	97	68	40	26	18	6	23	0.50	-
30	109	68	99	70	49	32	29	7	28	0.50	-
31	110	75	100	72	58	39	39	9	21	0.45	-
Tot:										16.60	0.00
Ave:	104	73							59		

BHAKKAR

June 1972

Date	TEMPERATURE °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	112	80	97	75	50	42	25	9	19	0.40	-
2	115	83	100	74	53	43	27	10	47	0.59	-
3	113	87			59	61	36	24	41	0.56	-
4	108	69	95	69	64	63	59	36	89	0.55	0.10
5	97	74	95	72	66	61	56	28	39	0.40	-
6	101	74	99	74	61	56	44	28	37	0.46	-
7	101	76	97	72	52	46	28	14	40	0.47	-
8	107	81	98	74	59	46	36	14	28	0.48	-
9	108	82	97	73	60	49	38	14	23	0.41	-
10	110	81	100	77	63	47	41	12	18	0.45	-
11	112	78	101	77	55	34	28	7	21	0.50	-
12	116	82	103	76	57	42	27	9	34	0.61	-
13	116	82	102	78	59	56	33	16	34	0.58	-
14	115	86	102	77	61	49	32	12	61	0.65	-
15	116	79	104	79	65	40	35	8	24	0.54	-
16	117	80	104	78	71	34	51	6	23	0.60	-
17	120	79	103	80	71	43	49	8	24	0.60	-
18	121	87	106	82	69	24	40	4	26	0.57	-
19	119	92	104	84	72	48	43	12	42	0.68	-
20	114	88	98	76	62	64	37	29	77	0.71	-
21	112	91	97	77	72	58	45	17	37	0.53	-
22	115	90	103	80	64	63	36	23	42	0.54	-
23	110	87	94	78	71	61	49	20	98	0.70	-
24	114	86	102	79	64	63	36	21	41	0.56	-
25	114	90	98	82	73	67	50	25	69	0.62	-
26	113	76	97	78	74	75	68	49	99	0.65	0.35
27	101	81	96	78	69	66	64	31	56	0.40	-
28	103	83	99	79	71	73	51	52	50	0.45	-
29	95	77	90	79	69	70	50	38	56	0.30	-
30	102	87	101	82	75	72	50	35	46	0.50	-
Tot:										16.06	0.45
Ave:	111	82							45		

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	80	99	78	74	71	65	36	82	0.52	-
2	105	86	101	80	72	72	45	35	41	0.45	-
3	107	89	103	85	75	72	49	31	31	0.50	-
4	112	89	107	83	77	70	54	53	47	0.52	-
5	108	80	106	79	74	74	75	86	44	0.42	0.02
6	92	74	92	74	69	69	73	46	58	0.24	0.04
7	94	78	95	75	73	65	62	31	43	0.34	-
8	101	79	102	78	72	69	65	37	51	0.50	-
9	100	80	102	79	75	75	72	53	77	0.50	-
10	99	82	98	80	77	74	69	44	76	0.52	-
11	101	84	100	82	77	71	67	90	51	0.41	-
12	103	74	100	76	76	75	83	55	46	0.22*	1.63
13	95	81	101	78	78	77	73	51	30	0.30	-
14	100	87	103	83	81	80	68	50	22	0.34	-
15	105	89	102	86	79	71	64	35	22	0.32	-
16	105	87	102	86	74	72	48	35	21	0.45	-
17	107	81	101	80	59	62	36	25	44	0.47	-
18	108	79	103	84	56	54	31	18	60	0.50	-
19	112	81	106	83	55	52	30	23	40	0.51	-
20	102	72	101	82	45	56	22	22	59	0.44	-
21	105	88	103	84	78	64	64	25	40	0.46	-
22	110	81	102	81	52	66	28	27	31	0.51	-
23	111	82	107	75	76	71	66	35	28	0.51	-
24	106	75	108	77	79	83	56	48	26	0.42	-
25	108	78	108	77	77	87	61	53	28	0.42	-
26	109	89	108	77	91	78	89	83	41	0.47	-
27	108	82	108	77	80	59	62	24	44	0.49	0.33
28	105	74	108	77	81	70	65	31	23	0.40	-
29	111	84			78	75	64	40	38	0.45	-
30	107	85			77	71	63	39	62	0.48	-
31	103	83			77	70	61	38	54	0.43	-
Tot:										14.51	2.02
Ave:	105	82							44		

* Estimated evaporation.

BHAKKAR

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	103	84			75	76	55	41	29	0.42	-
2	105	82			74	76	57	38	25	0.44	-
3	108	85			72	74	54	39	25	0.47	-
4	110	87			76	78	60	41	26	0.46	-
5	108	85			77	72	63	35	28	0.45	-
6	107	87			76	75	60	41	34	0.44	-
7	106	87			74	72	55	37	36	0.46	-
8	105	82			72	81	62	53	55	0.49	-
9	102	75			75	69	75	42	57	0.42	0.03
10	99	81			76	75	66	41	31	0.37	-
11	106	86			79	74	64	37	27		-
12	107	87			74	69	57	37	42	0.90+	-
13	105	85			75	75	60	41	35	0.46	-
14	104	80			71	71	67	51	55	0.43	-
15	99	78			73	77	62	49	47	0.29	-
16	103	82			76	74	60	39	20	0.35	-
17	107	86			76	70	60	51	24	0.43	-
18	97	84			75	77	75	51	60	0.41	-
19	99	82			82	71	80	41	27	0.31	-
20	99	81			75	76	60	51	32	0.40	-
21					73	70	62	36	35	0.41	-
22					74	71	57	41	25	0.39	-
23					76	72	60	35	27	0.39	-
24					72	72	62	40	66	0.50	-
25					69	70	77	44	44	0.41	0.07
26					77	72	69	40	35	0.31	-
27					76	62	63	28	22	0.40	-
28					74	66	65	31	38	0.44	-
29					77	72	79	38	33	0.41	-
30					78	67	69	33	25	0.33	-
31					75	67	60	32	33	0.42	-
Tot:										12.81	0.10
Ave:									35		

+ 2 days observation.

BHAKKAR

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1					75	73	72	39	31	0.35	-
2					74	73	57	36	16	0.34	-
3					70	57	55	18	31	0.45	-
4					72	61	65	24	23	0.43	-
5					69	64	58	26	24	0.38	-
6					71	72	58	40	22	0.40	-
7					70	73	55	40	26	0.37	-
8					69	68	55	35	23	0.39	-
9					72	72	59	40	38	0.42	-
10					73	71	59	39	33	0.41	-
11					74	74	60	42	20	0.42	-
12					73	74	57	44	25	0.44	-
13					72	73	59	42	24	0.40	-
14					74	76	57	45	25	0.41	-
15					73	76	62	47	23	0.43	-
16					75	72	63	40	59	0.44	-
17					69	66	55	37	42	0.41	-
18					72	66	74	39	77	0.46	-
19					65	64	80	53	65	0.33	0.03
20					63	47	64	25	32	0.22	-
21	92	64			59	48	62	24	25	0.34	-
22	91	60			55	56	51	29	17	0.30	-
23	94	58			55	67	51	38	14	0.29	-
24	99	61			57	55	53	24	12	0.29	-
25	99	59			51	47	39	18	20	0.32	-
26	101	63			53	59	40	27	12	0.36	-
27	101	62			46	52	34	21	21	0.35	-
28	102	63			49	53	40	22	15	0.30	-
29	100	63			58	57	56	27	14	0.31	-
30	97	64			58	59	56	30	21	0.30	-
Tot:										11.02	0.03
Ave:											

BHAKKAR

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	65			59	55	57	24	19	0.29	-
2	100	66			59	57	53	25	14	0.30	-
3	102	70			57	54	53	26	26	0.33	-
4	96	68			61	65	60	38	39	0.33	-
5	96	67			62	63	58	36	15	0.28	-
6	96	68			63	61	64	35	15	0.28	-
7	98	64			54	63	54	39	14	0.25	-
8	93	67			64	61	68	35	24	0.25	-
9	94	65			63	61	68	35	18	0.26	-
10	95	63			50	59	43	33	12	0.24	-
11	96	65			59	56	59	26	12	0.25	-
12	103	60			54	55	51	25	13	0.26	-
13	102	61			56	56	55	28	11	0.26	-
14	101	61			58	61	56	3	11	0. .5	-
15	97	65			56	54	55	26	13	0.26	
16	97	59			50	53	43	27	18	0.28	-
17	95	62			56	60	61	34	25	0.27	-
18	96	64			54	56	54	0	23	0.25	-
19	86	61			56	58	3	43	40	0.28	-
20	86	60			56	41	6[illegible]	24	20	0.21	-
21	90	63			59	58	74	50	31	0.24	0.06
22	82	54			52	45	71	25	55	0.25	0.07
23	85	52			52	45	67	27	15	0.17	-
24	85	52			51	56	62	40	10	0.18	-
25	89	51			38	51	38	33	10	0.19	-
26	91	56			52	50	63	33	9	0.18	-
27	88	51			51	47	66	26	12	0.19	-
28	89	48			45	35	55	17	16	0.20	-
29	89	47			41	53	49	33	13	0.20	-
30	89	49			47	43	61	25	10	0.19	-
31	86	50			46	55	60	43	25	0.22	-
Tot:										5.59	0.13
Ave:	93	60							19		

BHAKKAR

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Move- Miles	Evapo-ration inches	Rain inches
1	84	49			52	55	71	39	18	0.17	-
2	87	51			49	46	70	27	11	0.16	-
3	85	49			48	49	65	29	15	0.17	-
4	88	48			48	43	65	25	18	0.20	-
5	90	47			46	56	60	40	10	0.17	-
6	92	49			46	52	60	36	9	0.17	-
7	88	51			47	41	69	25	10	0.19	-
8										0.18*	-
9										0.18*	-
10										0.18	-
11					16	47	23	23	40+	0.18*	-
12	90	56			51	18	66	8	26	0.19	-
13	88	56			51	49	81	29	8	0.17	-
14	92	57			55	47	77	30	8	0.15	-
15	87	53			48	47	80	26	8	0.16	-
16	90	52			51	57	66	49	9	0.14	-
17	86	50			53	57	82	53	6	0.14	-
18	88	53			52	56	81	44	5	0.12	-
19	87	52			51	60	71	54	8	0.13	-
20	83	53			52	57	81	53	6	0.11	-
21	83	56			56	60	82	67	7	0.11	-
22	77	54			56	54	82	57	40	0.10	0.03
23	73	52			54	53	88	56	37	0.14	-
24	73	48			48	50	80	48	51	0.19	-
25	73	48			51	47	87	44	31	0.14	-
26	72	48			48	49	75	45	71	0.19	-
27	78	44			46	50	85	46	24	0.13	-
28	80	44			47	51	86	49	8	0.11	-
29	80	44			46	50	85	48	6	0.10	-
30	79	48			42	46	78	43	7	0.10	-
Tot:										4.57	0.03
Ave:									17		

* Estimated evaporation,
\+ 4 days observation.

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	41			43	48	78	47	8	0.10	-
2	79	42			46	52	85	50	15	0.16	-
3	82	44			45	51	85	52	6	0.12	-
4	80	43			41	48	77	47	5	0.10	-
5	76	45			46	51	85	52	7	0.09	-
6	77	42			41	49	77	51	12	0.12	-
7	79	45			42	51	72	49	7	0.08	-
8					55	55	92	73	29	0.13	0.20
9	68	51			52	53	93	87	57	0.10	0.63
10	62	47			49	51	86	71	52	0.08	-
11	63	43			45	51	79	62	46	0.08	-
12	69	40			45	50	92	58	29	0.09	-
13	71	40			44	51	92	62	14	0.08	-
14	72	42			46	52	92	67	3	0.06	-
15	69	45			47	53	93	72	8	0.06	-
16	66	42			51	56	93	82	6	0.05	-
17	63	52			50	56	81	88	48	0.05	0.06
18	63	46			46	55	92	73	10	0.04	-
19	67	43			49	54	93	68	13	0.06	-
20	71	44			46	58	92	83	10	0.06	-
21	68	44			46	56	92	88	11	0.07	-
22	71	44			44	52	85	67	8	0.06	-
23	69	45			49	54	93	88	32	0.10	0.09
24	61	49			51	52	93	81	26	0.04	0.38
25	59	48			47	51	86	71	22	0.06	-
26	63	49			49	50	93	76	52	0.08	0.06
27	63	45			33	41	56	61	51	0.09	-
28	58	39			30	45	52	68	87	0.16	-
29	60	35			33	48	67	86	72	0.17	-
30	61	36			29	44	45	55	66	0.16	-
31	67	33			33	41	81	46	21	0.10	-
Tot:										2.80	1.42
Ave:									27		

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CHILYA - 1972

Location Latitude 24°50', Longitude 68°00', nearly ¼ mile left of 6th mile's stone on Thatta-Hyderabad National Highway.

Elevation

Period of record The station was established by the Project Director, Project Planning Southern Zone (old L.I.P) on 25.6.1963 and taken over by Surface Water Hydrology Project in December, 1965.

Instruments

5" Non-recording rain gauge.
U.S. Universal weighing type recording rain gauge.

Maximum and minimum air temperature thermometer.

Maximum and minimum pan water temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau Standard Evaporation pan.
Anemometer.

Annual figures

Precipitation	2.34 inches.
Evaporation (Pan)	141.47 "
Absolute maximum air temperature	110 F°
Absolute minimum air temperature	45.F°

Remarks Annual figures are calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry bulb temperatures observed twice a day at 0800 and 1700 hoirs on the date shown.
Blank space indicates no record.
(-) indicates no precipitation.

CHILYA

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	55			56	59	82	51	83	0.26	-
2	80	56			58	64	83	55	116	0.28	-
3	82	57			58	61	78	57	71	0.29	-
4	78	54			56	58	82	56	164	0.27	-
5	76	52			53	60	76	63	80	0.26	-
6	75	51			51	55	76	51	60	0.25	-
7	76	53			50	62	76	64	114	0.26	-
8	76	52			53	63	82	58	124	0.27	-
9	80	54			50	61	76	60	82	0.30	-
10	77	52			49	64	75	65	75	0.28	-
11	78	54			52	62	81	64	105	0.29	-
12	76	52			50	55	81	51	107	0.26	-
13	76	51			51	63	81	61	72	0.25	-
14	78	53			52	65	81	62	170	0.26	-
15	80	54			53	61	82	57	127	0.28	-
16	78	54			49	61	75	54	108	0.26	-
17	80	53			48	57	75	49	118	0.27	-
18	78	53			51	53	81	47	92	0.26	-
19	76	52			50	61	81	57	141	0.25	-
20	78	55			53	63	82	64	105	0.27	-
21	78	57			56	63	82	58	81	0.29	-
22	80	58			53	61	76	57	167	0.30	-
23	78	56			51	55	76	49	108	0.28	-
24	78	55			49	59	75	51	97	0.27	-
25	80	56			50	63	76	61	109	0.29	-
26	78	55			47		69		112	0.29	-
27											-
28											-
29						59		51			-
30	80	56			50	64	76	61	276+	0.81+	-
31	79	57			53	54	82	48	162	0.28	-
Tot:										8.18	0.00
Ave:									104		

+ 4 days observation

CHILYA

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	53			47	60	74	63	123	0.27	-
2	75	50			46	54	79	54	91	0.25	-
3	75	45			36	55	58	49	106	0.22	-
4	77	48			40	62	65	64	85	0.23	-
5	77	50			45	57	73	55	36	0.26	-
6	78	49			40	60	65	60	187	0.28	-
7	76	48			39	63	65	68	114	0.27	-
8	76	48			42	63	72	61	114	0.26	-
9	78	50			41	57	61	55	90	0.28	-
10	77	47			40	59	65	59	116	0.27	-
11	76	47			46	62	79	64	103	0.27	-
12	76	48			41	63	71	61	112	0.26	-
13	78	50			45	61	73	60	109	0.28	-
14	78	48			38	65	60	72	130	0.27	-
15	77	49			42	61	72	60	90	0.27	-
16	78	48			37	55	54	51	80	0.28	-
17	76	45			36	63	58	61	108	0.26	-
18	78	47			40	63	65	58	116	0.27	-
19	80	50			43	64	67	55	155	0.29	-
20	82	52			47	64	74	59	151	0.30	-
21	81	53			51	65	81	56	187	0.30	-
22	83	55			46	62	64	52	117	0.34	-
23	82	54			49	56	75	52	185	0.30	-
24	76	51			43	54	67	51	196	0.26	-
25	74	50			42	59	67	62	179	0.24	-
26	74	48			40	61	65	67	212	0.25	-
27	75	47			38	63	60	64	43	0.28	-
28	77	50			43	65	67	65	80	0.31	-
29	79	52			46	62	69	55	91	0.33	-
Tot:										7.95	0.00
Ave:	77	49							121		

CHILYA

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	81	54			46	68	64	63	46	0.34	-
2	83	54			47	69	65	60	74	0.35	-
3	85	54			46	71	64	67	87	0.37	-
4	84	56			51	68	76	58	165	0.34	-
5	86	57			53	65	76	53	116	0.37	-
6	85	56			50	68	76	60	112	0.35	-
7	84	57			53	65	82	59	150	0.34	-
8	82	58			55	67	82	54	131	0.32	-
9	86	59			55	71	77	56	107	0.37	-
10	90	61			56	74	73	57	112	0.39	-
11	92	62			57	72	74	59	110	0.39	-
12	90	63			58	69	78	58	140	0.37	-
13	87	62			55	71	69	56	146	0.35	-
14	90	63			58	75	70	60	116	0.37	-
15	92	64			60	76	79	58	133	0.40	-
16	94	64			58	73	70	57	115	0.41	-
17	91	63			57	72	74	59	119	0.40	-
18	89	64			56	77	73	63	133	0.39	-
19	92	65			61	73	75	59	178	0.41	-
20	90	67			63	75	80	60	230	0.38	-
21	92	68			65	76	80	58	152	0.39	-
22	94	67			62	78	75	59	193	0.41	-
23	96	66			61	76	75	58	97	0.43	-
24	94	67			61	75	71	60	134	0.41	-
25	92	68			60	74	70	60	178	0.42	-
26	91	67			62	73	75	59	212	0.41	-
27	90	65			61	75	75	60	185	0.40	-
28	92	68			65	79	80	64	188	0.41	-
29	94	68			62	80	71	62	120	0.42	-
30	96	70			66	82	77	62	181	0.44	-
31	98	69			65	79	76	61	213	0.45	-
Tot:										12.00	0.00
Ave:	90	63							143		

CHILYA

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain inches
1	96	68			64	81	76	65	225	0.44	-
2	96	68			61	82	67	62	214	0.45	-
3	98	70			65	84	72	63	240	0.47	-
4	100	72			66	82	69	58	130	0.49	-
5	102	73			68	85	77	61	177	0.51	-
6	102	74			69	83	73	60	139	0.52	-
7	100	72			68	80	77	57	155	0.50	-
8	99	72			67	72	77	45	133	0.48	-
9	98	70			64	81	72	62	316	0.48	-
10	98	71			63	80	72	62	164	0.50	-
11	97	72			67	82	73	60	122	0.48	-
12	99	73			69	77	77	56	182	0.51	-
13	96	71			65	80	72	65	190	0.47	-
14	96	72			67	78	73	59	136	0.48	-
15	97	74			71	80	78	57	157	0.49	-
16	99	75			69	83	77	63	137	0.51	-
17	100	74			68	86	77	61	275	0.53	-
18	103	76			71	84	74	63	284	0.57	-
19	100	75			71	82	78	60	258	0.56	-
20	100	74			69	82	73	62	283	0.54	-
21	98	74			70	83	74	60	215	0.48	-
22	100	75			68	77	73	56	174	0.50	-
23	96	74			71	76	78	58	251	0.46	-
24	94	72			67	75	73	60	238	0.45	-
25	92	70			65	72	72	59	270	0.44	-
26	90	70			64	74	72	55	255	0.42	-
27	94	72			65	78	72	59	245	0.45	-
28	96	74			69	75	77	55	230	0.48	-
29	96	72			67	81	77	59	270	0.47	-
30	90	74			69	84	73	63	240	0.51	-
Tot:										14.64	0.00
Ave:	97	72							210		

CHILYA

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	110	75			70	82	74	60	261	0.53	-
2	100	74			68	85	73	61	228	0.54	-
3	102	75			71	82	78	60	290	0.56	-
4	100	75			70	81	81	59	260	0.53	-
5	98	75			71	83	82	63	162	0.52	-
6	99	75			72	86	78	66	192	0.53	-
7	101	77			72	83	74	63	196	0.55	-
8	100	76			71	81	74	59	172	0.53	-
9	98	74			71	78	78	59	193	0.51	-
10	97	75			70	78	74	59	272	0.49	-
11	97	74			72	80	82	57	250	0.47	-
12	100	76			72	83	78	60	294	0.53	-
13	102	77			73	80	78	62	260	0.56	-
14	99	75			71	82	82	58	240	0.52	-
15	103	77			74	80	78	54	299	0.56	-
16	101	76			74	76	86	53	287	0.51	-
17	98	74			69	77	77	56	262	0.49	-
18	96	75			72	84	78	63	184	0.47	-
19	104	79			73	81	71	59	270	0.57	-
20	99	76			73	82	78	58	251	0.53	-
21	102	79			75	86	75	59	191	0.58	-
22	105	79			77	89	69	72	210	0.59	-
23	102	78			76	73	72	59	143	0.56	-
24	95	77			76	78	79	59	126	0.58	-
25	96	82			76	75	72	60	309	0.54	-
26	93	80			74	82	71	62	288	0.51	-
27	103	81			77	86	72	61	288	0.59	-
28	104	78			77	78	79	64	285	0.62	-
29	96	80			76	75	75	60	313	0.57	-
30	92	79			75	79	75	70	269	0.49	-
31	91	78			76	78	75	64	230	0.51	-
Tot:										16.64	0.0[illegible]
Ave:	99	77							241		

CHILYA

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	82			75	74	75	57	237	0.49	-
2	100	82			77	80	76	70	180	0.41	-
3	93	82			80	79	87	64	228	0.50	-
4	94	83			80	79	87	73	298	0.58	-
5	91	84			78	79	79	67	373	0.40	-
6	95	84			79	78	76	67	347	0.57	-
7	93	82			78	77	79	67	307	0.55	-
8	91	83			76	77	75	61	310	0.61	-
9	94	83			79	80	76	65	305	0.55	-
10	95	82			76	79	75	61	309	0.51	-
11	94	84			78	76	79	60	243	0.49	-
12	97	83			81	75	84	60	229	0.51	-
13	92	82			77	81	79	68	220	0.52	-
14	94	83			79	75	83	60	226	0.55	-
15	93	82			78	75	79	60	273	0.49	-
16	92	84			77	73	79	57	304	0.57	-
17	91	83			76	78	75	67	323	0.48	-
18	91	70			55	74	51	55	331	0.42	-
19	94	83			79	78	83	64	431	0.54	-
20	93	84			78	77	79	67	368	0.45	-
21	91	83			80	78	87	59	296	0.55	-
22	95	82			78	79	83	64	258	0.46	-
23	94	83			80	79	87	54	220	0.45	-
24	99	84			82	76	88	53	162	0.54	-
25	96	84			81	74	84	44	136	0.48	-
26	101	85			81	73	77	54	126	0.32	-
27	96	84			81	79	84	48	132	0.45	-
28	103	85			81	80	84	62	138	0.55	-
29	100	78			78	81	83	74	140	0.40*	0.83
30	91	84			79	82	83	68	86	0.25	-
Tot:										14.64	0.83
Ave:	94	83							251		

Estimated evaporation.

CHILYA

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	96	84			79	77	76	56	178	0.46	-
2	97	79			78	80	79	76	192	0.19*	1.10
3	88	81			78	79	83	80	67	0.40	0.36
4	87	83			78	75	79	63	247	0.31	-
5	89	83			81	78	84	69	367	0.56	-
6	89	84			81	79	84	70	383	0.39	-
7	91	85			81	80	81	80	320	0.46	-
8	89	84			79	79	80	70	200	0.27	-
9	92	84			80	80	80	74	256	0.47	-
10	91	85			77	73	76	62	248	0.49	-
11	89	84			76	75	75	63	315	0.39	-
12	89	84			77	75	76	65	416	0.41	-
13	88	84			77	76	76	66	352	0.43	-
14	90	83			78	75	79	65	269	0.45	-
15	89	84			78	76	79	66	250	0.47	-
16	90	84			77	76	76	66	221	0.45	-
17	90	83			76	75	75	65	357	0.43	-
18	89	84			77	77	76	67	350	0.38	-
19	91	85			82	75	88	63	343	0.46	-
20	89	84			74	75	68	69	295	0.39	-
21	89	83			77	76	79	66	266	0.45	-
22	90	83			75	75	72	63	308	0.47	-
23	89	83			75	73	72	62	305	0.39	-
24	88	82			76	76	75	66	355	0.37	-
25	89	83			75	75	72	65	390	0.31	-
26	88	83			77	76	79	72	421	0.52	-
27	86	83			75	75	75	69	350	0.47	-
28	87	82			76	75	79	63	401	0.54	-
29	89	81			75	75	75	65	338	0.57	-
30	88	82			75	76	75	66	358	0.55	-
31	89	83			76	77	75	69	383	0.58	-
Tot:										13.48	1.49
Ave:	89	83							306		

* Estimated evaporation.

CHILYA

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	89	83			76	75	75	63	222	0.62	-
2	89	82			75	74	75	60	247	0.46	-
3	90	81			76	75	79	65	303	0.48	-
4	88	81			74	75	71	72	288	0.51	-
5	86	81			75	74	79	71	320	0.27	-
6	85	81			76	75	83	72		0.24	-
7	85	82			76	76	79	72	600+	0.39	-
8	87	81			74	75	71	65	321	0.36	-
9	88	82			74	75	71	72	325	0.43	-
10	86	81			73	73	71	65	244	0.47	-
11	86	80			75	76	75	75	306	0.42	-
12	85	79			71	71	70	64	513	0.39	-
13	84	78			72	72	74	65	391	0.53	-
14	85	78			71	71	70	67	320	0.45	-
15	84	79			71	70	74	61	288	0.54	-
16	85	79			72	73	74	68	334	0.45	-
17	86	79			70	72	67	68	394	0.49	-
18	85	77			71	75	74	65	330	0.47	-
19	89	80			74	73	78	62	247	0.61	-
20	88	79			72	73	74	71	262	0.44	-
21	84	78			71	73	70	68	296	0.39	-
22	86	79			72	72	71	68	323	0.51	-
23	84	79			72	74	74	68	263	0.45	-
24	87	80			74	73	78	68	310	0.61	-
25	85	79			73	73	75	68	271	0.49	-
26	85	80			73	72	75	72	335	0.59	-
27	85	80			74	74	78	65	239	0.42	
28	87	79			74	73	83	62	296	0.49	-
29	90	77			72	70	78	55	328	0.51	-
30	89	77			72	71	78	58	358	0.45	-
31	88	77			71	71	74	58	228	0.39	-
Tot:										14.32	0.00
Ave:	86	80							307		

\+ 2 days observation.

CHILWA

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	87	76			70	69	74	58	284	0.36	-
2	86	77			72	72	78	65	276	0.35	-
3	85	77			72	70	82	61	345	0.43	-
4	85	76			72	71	78	64	280	0.39	-
5	85	78			69	69	70	64	444	0.48	-
6	85	78			71	72	70	68	332	0.47	-
7	84	77			70	70	74	61	299	0.45	-
8	85	78			71	71	74	61	234	0.54	-
9	86	77			73	71	82	58	211	0.39	-
10	87	77			71	70	74	55	182	0.37	-
11	88	77			73	73	78	62	229	0.47	-
12	99	77			73	75	82	65	280	0.42	-
13	89	78			74	75	83	69	270	0.41	-
14	89	78			73	73	82	65	339	0.45	-
15	87	78			73	74	78	75	395	0.46	-
16	83	78			73	73	78	68	398	0.51	-
17	85	77			72	74	78	75	448	0.53	-
18	84	79			74	74	83	65	336	0.51	-
19	88	78			74	74	83	68	297	0.43	-
20	86	76			74	69	83	39	178	0.38	-
21	100	77			71	66	74	37	169	0.45	-
22	96	78			75	73	83	57	104	0.36	-
23	91	75			74	70	78	38	141	0.35	-
24	103	81			69	72	60	38	63	0.42	-
25	104	78			69	64	70	40	91	0.47	-
26	93	74			65	61	65	40	209	0.41	-
27	92	73			73	69	91	58	232	0.34	-
28	87	74			71	69	78	58	249	0.41	-
29	87	73			73	71	86	58	262	0.34	-
30	88	74			74	70	91	55	261	0.35	-
Tot:										12.70	0.00
Ave:	89	77							261		

CHILYA

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	75			73	70	86	55	266	0.38	-
2	90	75			74	71	86	58	234	0.31	-
3	88	74			71	69	86	55	215	0.34	-
4	88	73			69	65	77	38	139	0.34	-
5	95	74			74	71	91	56	173	0.46	-
6	92	74			65	65	65	35	105	0.43	-
7	98	74			64	61	61	33	37	0.41	-
8	98	71			73	66	85	43	121	0.40	-
9	98	71			73	66	95	43	163	0.39	-
10	95	72			71	59	90	31	165	0.34	-
11	94	71			69	65	90	44	121	0.35	-
12	94	72			73	74	95	60	280	0.36	-
13	92	72			71	73	95	45	162	0.30	-
14	100	72			72	73	90	57	108	0.30	-
15	99	72			71	73	90	57	122	0.31	-
16	92	74			74	66	86	43	193	0.33	-
17	98	75			75	72	95	59	190	0.35	-
18	95	75			75	63	95	39	170	0.33	-
19	95	74			73	70	95	55	213	0.36	-
20	94	72			73	70	91	55	200	0.37	-
21	93	74			73	56	95	29	132	0.28	-
22	94	73			54	73	48	62	105	0.35	-
23	89	70			59	52	59	29	113	0.39	-
24	93	73			54	54	48	32	87	0.34	-
25	89	72			49	35	40	15	154	0.35	-
26	91	71			49	40	40	18	96	0.36	-
27	90	70			49	50	43	31	209	0.45	-
28	87	69			51	44	47	24	163	0.46	-
29	87	67			52	57	53	38	128	0.45	-
30	88	68			45	37	40	16	67	0.31	-
31	95	68			67	50	90	25	49	0.26	-
Tot:										11.16	0.00
Ave:	93	72							150		

CHILYA

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	68			57	49	55	26	47	0.24	-
2	92	68			56	75	61	65	52	0.30	-
3	90	70			64	77	72	69	70	0.28	-
4	89	70			57	57	55	33	68	0.24	-
5	91	73			50	54	39	32	71	0.26	-
6	92	69			59	70	62	55	78	0.31	-
7	89	67			65	67	85	49	75	0.26	-
8	94	68			71	70	95	55	65	0.26	-
9	92	67			65	63	85	46	80	0.24	-
10	90	68			63	61	80	42	56	0.24	-
11	93	68			67	77	95	69	74	0.26	-
12	92	67			66	67	95	47	82	0.25	-
13	98	63			59	53	74	31	58	0.25	-
14	90	66			71	51	90	30	98	0.28	-
15	89	68			69	51	81	30	122	0.27	-
16	87	66			68	53	81	31	97	0.25	-
17	89	66			62	51	75	27	52	0.27	-
18	92	68			53	52	53	29	44	0.27	-
19	90	68			51	52	47	28	56	0.27	-
20	92	66			56	52	61	28	41	0.25	-
21	91	69			66	66	80	51	85	0.26	-
22	87	67			57	46	62	27	103	0.30	-
23	84	66			54	48	57	33	83	0.32	-
24	80	64			53	47	60	35	138	0.34	-
25	79	62			51	48	59	38	112	0.32	-
26	77	60			53	43	60	31	109	0.32	-
27	77	60			41	53	41	45	54	0.27	-
28	77	59			49	58	58	66	96	0.25	-
29	76	60			51	48	59	38	100	0.24	-
30	79	60			50	56	58	46	107	0.30	-
Tot:										8.17	0.00
Ave:	88	66							79		

CHILYA

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	60			47	56	49	46	135	0.32	-
2	80	58			51	48	62	38	111	0.31	-
3	78	56			35	48	32	40	128	0.33	-
4	76	58			33	33	33	21	123	0.26	-
5	78	60			41	47	41	37	127	0.28	-
6	78	60			46		56		144	0.29	-
7	79	62			44	46	48	34	102	0.24	-
8	60	60			48	48	28	17	178	0.30	-
9	84	60			50	53	62	34	68	0.20	-
10	88	61			54	63	73	53	56	0.18	-
11	84	58			51	49	66	30	122	0.19	-
12	84	58			51	40	66	27	72	0.22	-
13	78	58			47	46	61	34	174	0.31	-
14	76	58			48	49	65	36	104	0.22	-
15	79	58			51	43	66	29	70	0.18	-
16	79	58			44	40	55	27	102	0.22	-
17	76	53			38	33	51	21	48	0.32	-
18	78	56			35	48	32	40	220	0.35	-
19	76	58			33	33	33	21	161	0.30	-
20	76	58			53	48	72	40	118	0.27	-
21	75	58			54	47	73	35	61	0.25	-
22	78	58			59	51	94	39	46	0.19	-
23	79	60			57	45	78	32	551	0.15	-
24	78	62			60	48	84	38	80	0.14	-
25	78	59			59	52	94	53	47	0.21	-
26	73	59			55	60	77	79	102	0.24	-
27	68	58			44	59	55	74	43	0.05	0.02
28	70	53			40	35	48	32	124	0.27	-
29	68	49			22	23	28	19	136	0.28	-
30	68	48			26	39	38	36	146	0.31	-
31	68	48			38	37	47	33	54	0.21	-
Tot:										7.59	0.02
Ave:	77	57							105		

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CHUHARKANA - 1972

Location	Latitude 31°45', Longitude 73°48', in soil reclamation farm opposite milestone 36 on Lahore - Sargodha Road.
Elevation	800 ± ft.msl.
Period of record	Station transferred from Ceneral Hydrology Circle, WASID on 1.2.1962. Data prior to this date available with the said Circle, Since Feb: 1962, data maintained by Surface Water Hydrology Project.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer. Pyrheliometer.
Annual figures	Precipitation 15.54 inches Evaporation (Pan) 94.80 inches Absolute maximum air temperature 116°F Absolute minimum air temperature 32°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Solar radiation is measured in langleys per day from midnight to midnight on the date shown. Blank space indicates no record. (-) indicates no precipitation.

CHUHARKANA

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	70	40			37	45	83	52	254	16	0.08	-
2	66	38			36	38	82	38	268	22	0.09	-
3	67	39			35	41	74	41	254	30	0.13	-
4	68	37			32	35	73	34	254	25	0.11	-
5	68	35			31	33	73	33	268	26	0.12	-
6	67	33			28	35	71	34	254	29	0.12	-
7	66	32			27	28	70	27	254	28	0.11	-
8	64	33			28	37	64	40	254	33	0.12	-
9	66	37			32	40	73	42	240	31	0.11	-
10	65	32			30	39	80	36	240	25	0.10	-
11	68	33			32	38	81	38	240	17	0.11	-
12	65	32			29	38	80	38	240	18	0.09	-
13	66	35			38	42	70	54	155	26	0.11	-
14	63	39			37	45	83	48	296	28	0.07	-
15	65	39			37	50	83	58	212	41	0.11	-
16	66	40			38	44	83	48	282	19	0.08	-
17	69	42			39	44	84	45	226	27	0.13	-
18	69	40			37	45	83	46	226	21	0.11	-
19	72	42			43	51	85	59	198	17	0.11	-
20	68	47			47	51	86	71	99	13	0.07	-
21	61	47			47	51	86	76	127	28	0.04	-
22	62	46			46	50	92	76	226	74	0.08	0.40
23	69	41			39	50	84	76	184	42	0.07	-
24	58	44			43	51	85	71	212	27	0.03	-
25	62	43			43	50	85	76	170	13	0.06	-
26	60	43			44	49	92	61	254	23	0.04	-
27	65	41			39	51	84	66	268	16	0.08	-
28	65	43			41	51	84	52	268	36	0.09	-
29	70	46			48	53	80	76	113	17	0.11	-
30	61	48			47	49	86	86	113	32	0.04	-
31	57	51			53	56	93	94	28	84	0.02	0.06
Tot:											1.74	0.46
Ave:	65	40								29		

CHUHARKANA

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	58	54			53	52	93	87	42	52	0.02	0.14
2	57	46			44	48	85	65	254	24	0.01	0.01
3	62	40			38	38	83	44	325	29	0.08	-
4	63	38			35	37	74	46	268	27	0.12	-
5	59	42			39	37	84	46	339	21	0.09	-
6	61	40			40	34	84	41	311	36	0.13	-
7	61	37			36	32	82	34	339	30	0.13	-
8	62	36			29	32	64	29	353	60	0.17	-
9	65	36			29	33	64	31	339	54	0.17	-
10	68	40			36	34	69	29	282	46	0.17	-
11	71	46			38	49	60	75	170	81	0.21	-
12	66	48			46	35	85	45	296	126	0.24	0.56
13	58	37			35	36	82	53	339	56	0.11	-
14	54	36			34	38	82	51	311	48	0.08	-
15	59	39			35	37	74	46	311	53	0.12	-
16	58	38			35	37	82	46	296	41	0.11	-
17	60	35			35	35	82	39	353	25	0.12	-
18	63	37			32	35	66	34	395	18	0.12	-
19	64	40			34	37	68	35	409	48	0.17	-
20	68	40			38	41	76	33	395	37	0.16	-
21	73	44			42	49	67	43	268	23	0.17	-
22	74	47			42	51	72	41	311	28	0.14	-
23	78	50			46	50	74	43	282	86	0.25	-
24	75	44			35	43	62	41	339	45	0.21	-
25	70	36			30	23	65	21	409	36	0.13	-
26	67	33			29	23	64	22	452	38	0.19	-
27	64	36			29	33	58	31	438	68	0.22	-
28	67	37			31	35	60	32	395	39	0.19	-
29	69	38			32	34	61	29	438	38	0.20	-
Tot:											4.23	0.71
Ave:	65	40								45		

CHUHARKANA

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	70	39			32	55	61	26	409	63	0.20	-
2	73	41			36	59	63	28	409	42	0.21	-
3	76	46			41	49	57	36	409	27	0.21	-
4	82	52			46	55	60	58	226	32	0.21	-
5	71	53			49	53	80	76	254	96	0.18	0.59
6	62	49			49	59	86	74	311	63	0.12	-
7	70	50			52	53	87	68	212	9	0.08	-
8	68	55			54	56	88	52	311	78	0.10	0.06
9	75	46			49	47	80	44		79	0.20	0.05
10	70	48			47	53	80	60	296	53	0.20	-
11	69	50			50	59	76	62	409	34	0.12	-
12	75	56			55	57	82	55	325	44	0.16	-
13	78	53			51	49	76	43	452	71	0.22	-
14	74	47			46	57	69	49	409	64	0.24	-
15	78	55			52	54	81	60	212	24	0.17	-
16	71	53			51	56	81	46	395	19	0.09	-
17	79	51			55	54	77	43	438	26	0.17	-
18	79	50			52	53	71	45	424	36	0.25	-
19	78	59			52	55	67	51	395	54	0.23	-
20	78	57			54	53	73	40	282	92	0.26	-
21	79	53			55	52	73	38	438	25	0.12	-
22	81	54			52	53	67	38	466	40	0.24	-
23	83	54			52	59	63	41	452	50	0.29	-
24	85	59			58	59	70	37	424	27	0.27	-
25	89	62			60	63	63	43	395	17	0.23	-
26	91	65			61	66	67	47	409	48	0.29	-
27	92	60			58	61	70	44	452	94	0.37	-
28	87	59			60	63	70	47	424	35	0.27	-
29	89	67			52	62	50	55	353	77	0.34	-
30	81	61			60	61	79	49	466	62	0.24	-
31	85	55			55	58	69	43	508	46	0.30	-
Tot:											6.58	0.70
Ave:	78	54								49		

CHUHARKANA

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	83	52			55	56	73	40	494	39	0.29	-
2	85	55			58	62	70	52	339	25	0.27	-
3	83	57			55	53	61	31	395	22	0.19	-
4	90	63			59	63	74	75	212	38	0.29	-
5	76	56			58	56	78	46	494	71	0.12	0.03
6	82	57			57	53	69	34	522	31	0.24	-
7	85	58			55	56	58	36	522	46	0.31	-
8	88	66			51	60	49	67	99	62	0.35	-
9	76	54			54	58	68	48	480	53	0.10	-
10	82	60			57	58	74	48	452	48	0.24	-
11	81	57			63	59	75	44	480	43	0.23	-
12	85	59			63	57	68	33	466	43	0.33	-
13	91	58			63	60	61	31	480	27	0.32	-
14	96	59			61	56	57	31	438	20	0.33	-
15	96	70			61	57	57	40	254	50	0.39	-
16	89	65			58	61	56	57	184	92	0.32	-
17	78	62			62	63	75	58	296	47	0.08	0.06
18	82	60			59	62	88	58	409	53	0.33	0.52
19	78	57			53	54	68	41	452	74	0.24	-
20	85	58			52	49	50	36	480	51	0.28	-
21	79	54			52	50	50	28	522	90	0.37	-
22	88	63			54	51	46	30	381	33	0.30	-
23	88	66			58	56	56	36	452	41	0.26	-
24	88	62			63	59	53	34	466	33	0.29	-
25	92	65			68	61	60	32	508	16	0.30	-
26	96	64			57	55	42	27	424	31	0.40	-
27	96	71			57	60	47	34	311	34	0.35	-
28	93	67			65	57	72	33	452	81	0.41	0.03
29	91	62			59	51	53	27	551	56	0.39	-
30	90	62			53	48	40	22	551	53	0.44	-
Tot:											8.76	0.64
Ave:	86	61								45		

CHUHARKANA

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	93	69			46	45	33	22	381	69	0.45	-
2	91	68			53	47	45	25	381	100	0.45	0.02
3	88	61			59	48	51	22	522	37	0.30	-
4	93	66			59	61	51	36	353	33	0.38	-
5	91	67			59	58	47	29	522	16	0.29	-
6	96	71			58	51	48	26	522	73	0.45	-
7	92	66			59	53	53	27	494	135	0.64	-
8	93	68			60	55	48	25	548	63	0.38	-
9	96	69			61	55	40	25	466	52	0.45	-
10	96	71			57	54	37	23	522	39	0.39	-
11	102	75			59	57	36	23	522	63	0.53	-
12	103	73			65	63	38	28	452	51	0.52	-
13	105	82			58	62	35	27	409	43	0.53	-
14	104	76			60	59	42	27	522	28	0.61	-
15	100	72			63	62	43	27	522		0.49	-
16	103	70			63	62	39	27	480		0.43	-
17	103	74			63	63	39	28	579		0.54	-
18	104	75			61	65	36	28	593		0.62	-
19	105	72			61	64	36	26	607		0.60	-
20	106	74			62	65	37	26	607		0.63	-
21	108	72			63	66	36	27	551		0.51	-
22	109	85			69	72	44	40	240		0.51	-
23	102	83			70	73	48	42	240		0.39	-
24	101	78			70	57	55	25	325		0.52	-
25	103	72			70	57	55	23	480		0.59	-
26	104	73			69	59	58	26	551		0.48	-
27	101	66			52	52	32	21	579		0.60	-
28	100	63			50	52	28	21	579		0.52	-
29	100	67			52	51	29	18	508		0.48	-
30	104	68			59	52	36	17	522		0.46	-
31	106	73			60	57	42	21	424		0.51	-
Tot:											15.25	0.02
Ave:	100	72										

CHUHARKANA

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	106	78			64	62	40	23	466		0.47	-
2	109	81			65	63	42	24	466		0.55	-
3	109	85			68	62	52	31	325		0.60	0.01
4	100	70			68	63	70	36	508		0.62	0.07
5	95	71			67	59	54	28	494		0.39	-
6	100	73			63	60	50	29	522		0.49	-
7	99	75			65	58	51	24	466		0.52	-
8	102	72			63	59	50	25	424		0.54	-
9	102	73			62	62	45	27	424		0.49	-
10	102	75			66	58	43	22	452		0.43	-
11	106	76			67	60	43	21	452		0.53	-
12	110	80			67	63	38	22	438		0.60	-
13	111	77			63	67	36	25	466		0.61	-
14	112	85			62	67	31	25	480		0.55	-
15	112	83			64	65	35	23	466		0.61	-
16	113	81			73	68	50	25	438		0.66	-
17	113	81			72	66	49	22	466		0.68	-
18	116	82			75	75	53	36	381		0.70	-
19	108	88			77	63	51	46	254		0.47	-
20	106	76			64	67	48	32	409		0.52	0.04
21	104	84			72	67	45	32	311		0.41	-
22	106	85			66	65	43	35	395		0.52	-
23	99	81			67	65	43	27	424		0.49	-
24	108	82			75	74	57	37	395		0.50	-
25	106	84			53	76	30	43	395		0.63	-
26	105	76			73	74	86	75	226		0.65	-
27	84	75			76	76	91	53	409		0.36	0.56
28	97	78			72	73	62	54	424		0.40	-
29	94	79			77	75	67	46	480		0.37	-
30	100	83			77	75	63	43	428		0.44	-
Tot:											15.80	0.68
Ave:	104	79										

CHUHARKANA

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation Inches	Rain Inches
1	103	81			77	77	69	51	452		0.48	-
2	104	83			76	79	63	50	452		0.41	-
3	102	80			71	80	56	50	494		0.50	-
4	103	81			72	67	68	63	424		0.53	-
5	93	70			74	70	83	86	240		0.50	0.55
6	88	71			74	74	83	69	452		0.33	0.98
7	87	77			76	73	75	71	480		0.22	-
8	94	72			74	78	86	91	339		0.38	-
9	87	75			73	79	91	87	282		0.28*	2.25
10	85	75			75	75	95	95	212		0.20	0.66
11	84	76			78	80	95	80	381		0.12	0.14
12	88	76			75	79	91	76	339		0.23	-
13	88	77			79	78	83	64	409		0.25	-
14	93	79			79	78	73	59	494		0.31	-
15	96	83			81	78	77	49	466		0.36	-
16	100	86			81	78	74	49	452		0.33	-
17	102	81			75	77	63	54	424		0.44	-
18	98	82			79	77	76	54	367		0.41	-
19	98	81			77	71	76	78	296		0.41	-
20	99	72			71	73	78	71	395		0.39	0.64
21	94	77			79	78	80	56	452		0.21	-
22	98	81			80	77	76	54	480		0.39	-
23	98	82			77	79	72	54	424		0.42	-
24	99	84			76	76	66	51	438		0.36	-
25	98	83			75	77	65	51	353		0.42	-
26	98	82			79	82	76	60	325		0.42	-
27	99	85			79	80	73	57	367		0.28	-
28	101	81			78	78	73	52	480		0.42	-
29	100	82			75	75	65	53	282		0.45	-
30	96	83			72	73	62	52			0.44	-
31	94	83			76	77	66	51	353		0.34	-
Tot:											11.15	5.22
Ave:	96	79										

* Estimated evaporation.

CHUHARKANA

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	99	76			72	77	83	51	409		0.21	0.70
2	99	80			73	74	62	42	480		0.32	-
3	101	82			73	73	62	42	424		0.44	-
4	100	84			73	73	59	38	395		0.49	-
5	99	83			75	74	63	48	325		0.43	-
6	98	82			77	75	72	53	339		0.48	-
7	95	81			77	77	72	58	409		0.40	-
8	94	72			76	78	79	56	466		0.50	0.27
9	96	72			73	75	91	57	499		0.33	0.15
10	92	76			78	74	79	52	395		0.24	-
11	95	79			77	77	79	63	353		0.33	-
12	96	78			76	76	79	60	424		0.32	-
13	92	78			75	76	72	58	296		0.32	-
14	93	77			74	74	75	87	141		0.29	-
15	82	75			74	75	78	55	395		0.11	0.05
16	94	79			79	75	76	50	395		0.34	-
17	98	76			71	72	67	62	381		0.42	-
18	90	75			74	75	71	63	452		0.30	-
19	93	78			76	71	79	58	254		0.36	-
20	89	77			77	74	91	91	212		0.22	0.02
21	82	76			75	76	91	79	170		0.13	0.69
22	83	76			77	76	87	53	494		0.08	-
23	96	78	103	77	79	73	72	57	381		0.31	-
24	93	75	94	75	71	73	70	50	395		0.34	-
25	95	73	99	74	71	75	86	72	325		0.36	.20
26	86	74	93	74	76	72	83	54	424		0.20	-
27	93	78	100	75	77	68	76	63	381		0.23	-
28	92	77	97	77	77	76	87	72	282		0.28	-
29	89	75	94	75	77	76	87	75	282		0.24	-
30	86	76	92	77	75	75	80	91	325		0.17	-
31	92	77	98	77	73	73	79	95	353		0.21	0.09
Tot:											9.40	2.17
Ave:	93	77										

CHUHARKANA

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	90	73	99	72	77	78	87	64	367		0.25	0.90
2	92	78	100	73	81	78	84	59	466		0.22	-
3	97	80	104	78	77	73	76	50	452		0.33	-
4	97	77	103	73	73	71	71	49	438		0.27	-
5	95	77	98	76	76	70	75	47	409		0.31	-
6	96	76	100	76	71	69	67	44	409		0.30	-
7	99	76	100	76	71	71	70	45	409		0.35	-
8	98	77	100	76	69	69	67	46	395		0.31	-
9	94	77	98	75	75	72	79	59	328		0.33	-
10	92	77	95	75	75	74	79	60	395		0.34	-
11	93	77	95	75	75	75	79	65	339		0.25	-
12	90	75	92	75	76	75	83	57	353		0.36	0.35
13	93	77	97	76	76	76	79	58	240		0.27	-
14	96	68	100	71	69	75	86	63	424		0.32	0.06
15	90	73	96	72	72	77	78	67	424		0.28	-
16	93	73	96	72	71	71	74	58	381		0.32	-
17	90	74	93	74	74	72	68	71	325		0.30	-
18	86	67	84	67	65	73	69	71	424		0.18*	1.05
19	86	67			66	74	85	71	395		0.41	0.60
20	88	70			71	72	86	71	339		0.20	-
21	85	64			58	62	70	52	424		0.23	-
22	82	61			61	61	75	49	438		0.18	-
23	84	59			61	59	75	41	438		0.20	-
24	87	60			61	64	71	48	424		0.27	-
25	88	64			63	63	72	43	395		0.22	-
26	94	64			64	65	72	44	424		0.24	-
27	92	63			65	65	72	42	381		0.23	-
28	96	64			65	58	76	35	409		0.26	-
29	93	65			65	63	72	43	409		0.26	-
30	94	64			65	62	72	45	395		0.28	-
Tot:											8.27	2.96
Ave:	92	71										

* Estimated evaporation.

CHUHARKANA

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	90	64			64	67	72	49			0.26	-
2	90	64			64	67	72	47	339		0.23	-
3	94	65			65	62	72	45	409		0.27	-
4	90	64			61	63	71	46	395		0.31	-
5	90	64			63	64	72	48	381		0.23	-
6	89	65			64	64	68	48	367		0.23	-
7	92	65			62	62	84	55	353		0.26	0.04
8	86	63			66	66	80	56	325		0.17	-
9	88	63			67	65	85	51	339		0.17	-
10	90	64			64	63	76	47	311		0.19	-
11	88	63			62	63	71	46	353		0.25	-
12	92	61			63	66	72	47	339		0.26	-
13	94	62			63	66	72	43	353		0.23	-
14	95	62			61	66	67	47	353		0.22	-
15	95	60			61	70	67	53	339		0.21	-
16	96	60			60	69	70	50	282		0.16	-
17	94	59			59	65	70	51	283		0.20	-
18	88	63			57	52	69	44	282		0.22	-
19	84	56			56	51	78	47	296		0.24	-
20	83	56			55	63	73	50	325		0.20	-
21	88	62			51	52	56	50	254		0.25	-
22	78	55			55	54	82	54	452		0.26	0.0
23	75	53			55	53	82	47	325		0.17	-
24	78	51			55	52	77	38	296		0.19	-
25	83	52			56	51	78	39	296		0.18	-
26	85	52			57	50	83	39	296		0.17	-
27	82	52			56	52	82	42	311		0.17	-
28	85	52			55	50	88	43	282		0.17	-
29	83	51			54	52	88	42	282		0.16	-
30	81	52			54	54	77	46	282		0.16	-
31	83	51			53	55	76	51	282		0.14	-
Tot:											6.53	0.09
Ave:	87	59										

CHUHARKANA

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Mile	Evaporation inches	Rain inches
1	81	53			56	55	88	51	268		0.14	-
2	82	52			54	54	88	48	311		0.14	-
3	83	52			53	56	87	46	282		0.15	-
4	83	51			54	54	88	46	311		0.18	-
5	82	50			53	54	87	43	296		0.17	-
6	83	51			55	62	88	52	311		0.16	-
7	86	49			54	52	88	42	339		0.16	-
8	81	52			55	54	82	43	268		0.12	-
9	83	53			56	59	88	57	254		0.14	-
10	83	54			53	55	82	49	325		0.15	-
11	82	54			51	54	81	48	296		0.16	-
12	81	54			53	58	72	59	282		0.14	-
13	80	53			55	57	88	49	240		0.13	-
14	80	53			55	59	88	53	178		0.12	-
15	83	52			55	56	88	52	254		0.15	-
16	84	52			54	56	88	52	240		0.12	-
17	82	51			53	55	87	51	240		0.12	-
18	80	52			51	54	81	51	282		0.13	-
19	83	52			56	59	94	59	268		0.12	-
20	84	51			53	59	87	62	240		0.12	-
21	83	50			53	56	87	55			0.12	-
22	80	48			52		87				0.10	-
23	72	50			57	54	69	57			0.13	-
24	71	53			52	52	87	63			0.16	0.16
25	68	51			48	57	70	69			0.03*	1.55
26	68	50			47	55	69	69			0.08	-
27	67	51			50	61	93	79	226		0.08	-
28	69	50			52	58	100	78	240		0.12	-
29	66	50			50	55	93	69	268		0.12	-
30	66	50			49	56	93	73	254		0.10	-
Tot:											3.86	1.71
Ave:	79	51										

* Estimated evaporation.

CHUHARKANA

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	65	50			48	54	86	68	268		0.08	-
2	68	48			48	55	93	64	282		0.07	-
3	72	44			45	59	92	74	282		0.08	-
4	68	46			50	56	100	73	240		0.08	-
5	70	50			49	57	93	78	155		0.05	-
6	70	47			42	55	78	69	184		0.06	-
7	70	49			49	54	93	68	212		0.07	-
8	69	50			49	55	93	69	141		0.07	-
9	68	50			49	54	93	68	127		0.07	-
10	69	50			48	48	86	75	141		0.08	0.02
11	70	45			43	43	92	63	198		0.08	-
12	69	45			39	45	77	68	226		0.08	-
13	68	45			43	48	92	80	212		0.08	-
14	67	44			42	46	92	74	226		0.08	-
15	66	43			39	47	84	80	184		0.07	-
16	66	43			38	49	83	93	85		0.07	-
17	66	43			37	47	83	80	141		0.06	-
18	66	42			44	49	92	93	99		0.09	0.04
19	65	42			45	49	100	86	127		0.05	-
20	66	41			44	50	92	87	155		0.05	-
21	66	41			44	51	92	87	198		0.06	-
22	65	42			44	51	92	87	198		0.06	-
23	64	41			43	49	92	80	141		0.09	0.07
24	64	42			43	52	92	87	127		0.05	-
25	65	43			44	51	85	81	127		0.06	0.05
26	65	45			47	52	93	81	113		0.06	-
27	66	46			49	53	93	82	170		0.06	-
28	63	46			49	47	100	69	184		0.08	-
29	62	41			39	41	91	57	240		0.09	-
30	64	36			37	43	91	63	184		0.11	-
31	66	34			36	42	82	54	226		0.09	-
Tot:											2.23	0.18
Ave:	67	44										

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Location	Latitude 34°30', Longitude 72°29', on road side on right bank of Brandu River about ½ mile upstream of the cableway on the River.
Elevation	2,400 ± ft.msl.
Period of record	Rainfall data since August, 1963, observatory established by Surface Water Hydrology Project WAPDA in April, 1970.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard evaporation pan.
Annual figures	Precipitation 28.29 inches Evaporation, (Pan) 74.34 inches Absolute Maximum air temperature 107°F Absolute Minimum air temperature 24°F
Remarks	Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

DAGGAR

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	52	37	46	38	36	42	91	59		0.04	-
2	65	29	58	38	26	41	89	63		0.05	-
3	62	28	56	37	28	19	100	27		0.04	-
4	61	24	56	37	19	39	75	67		0.05	-
5	60	24	55	35	20	37	76	60		0.04	-
6	59	26	54	35	24	38	88	66		0.04	-
7	61	24	53	35	22	38	87	66		0.05	-
8	56	25	49	34	24	39	88	72		0.05	-
9	50	24	46	34	19	38	75	57		0.03	-
10	60	25	52	34	27	39	100	67		0.03	-
11	62	25	53	35	26	17	100	23		0.04	-
12	64	26	54	35	27	39	100	53		0.06	-
13			52	35	36	46	76	93		0.07	-
14	54	40	47	41	41	51	100	77		0.03	0.20
15	58	34	56	38	35	46	100	80		0.04	-
16	54	37	51	38	38	46	100	80		0.03	-
17	58	34	55	41	33	46	90	80		0.04	-
18	63	36	60	41	38	46	100	86		0.05	-
19	56	38	50	41	46	47	100	93		0.05	0.12
20	54	37	53	45	48	47	100	100		0.03	-
21	50	36	49	45	45	37	100	100		0.04	1.11
22	46	37	46	38	39	48	100	81		0.02	2.02
23	57	38	59	38	39	42	100	85		0.03	-
24	50	38	47	40	38	46	100	75		0.01	-
25	56	37	61	40		44		74		0.03	-
26	55	39	60	40	40	47	100	86		0.03	-
27	53	34	58	39	35	47	100	70		0.05	-
28			59	39	43	47	100	70		0.05	-
29	62	43	66	44	45	45	100	100		0.04	0.09
30	49	44	50	45	44	45	100	100		0.03	0.11
31	46	43	47	41	43		100			0.01	0.76
Tot:										1.20	4.41
Ave:			53	39							

DAGGAR

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	45	43	46	42	44	49	100	87		0.02	0.26
2	55	40	50	39	38	42	91	63		0.02	0.05
3	58	35	62	40	32	31	81	44		0.03	-
4	56	35	61	37	29	35	73	59		0.05	-
5	55	35	50	37	39	32	91	57		0.06	-
6	56	33	59	39	31	38	90	71		0.07	-
7	55	29	59	38	34	42	100	59		0.07	-
8	58	29	60	37	30	32	100	36		0.07	-
9	64	29	62	36	29	41	100	54		0.07	-
10	60	29	55	37	35	42	83	68		0.06	-
11	56	40	52	41	39	38	84	71		0.06	-
12	54	40	46	39	38	38	91	66		0.05	1.16
13	50	32	50	37	29	37	89	71		0.07	0.06
14	49	32	53	37	33	27	90	44		0.05	-
15	50	30	59	37	27	29	89	43		0.07	-
16	55	28	59	37	28	31	100	41		0.07	-
17	58	28	60	36	26	29	89	40		0.07	-
18	58	29	61	36	27	34	89	43		0.07	-
19	62	30	62	37	30	37	100	45		0.08	-
20	64	30	65	38	32	41	100	48		0.08	-
21	64	32	65	40	42	48	73	93		0.09	-
22	51	46	50	46	43	47	85	93		0.01	0.22
23	52	42	49	38	44	45	100	75		0.01	0.07
24	60	42	63	43	44	39	100	62		0.06	0.32
25	58	38	62	38	38	37	91	52		0.09	-
26	60	30	65	38	29	37	89	45		0.12	-
27	62	31	64	39	37	41	100	48		0.12	-
28	64	36	63	41	39	34	91	37		0.11	-
29	66	31	68	41	35	37	100	39		0.14	-
Tot:										1.94	2.14
Ave:	57	34	58	39							

DAGGAR

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	68	32	67	41	33	35	90	38		0.14	-
2	70	34	64	41	33	43	90	43		0.13	-
3	70	35	68	43	45	67	80	90		0.14	-
4	73	51	71	51	49	47	93	65		0.14	0.12
5	60	50	60	50	48	48	93	63		0.05	0.02
6	63	48	65	49	49	49	100	63		0.12	0.18
7	67	47	71	50	46	48	93	66		0.11	-
8	62	45	68	48	45	46	100	75		0.07	0.95
9	58	36	64	43	40	46	92	51		0.05	0.06
10	70	40	72	44	42	46	92	54		0.13	-
11	66	44	64	47	50	51	93	87		0.10	-
12	58	52	57	51	50	47	93	93		0.03	0.17
13	54	40	54	43	45	44	100	49		0.04	0.67
14	72	42	74	44	45	45	93	53		0.14	-
15	70	46	70	49	52	56	94	83		0.09	-
16	64	49	62	49	47	53	93	58		0.06	-
17	72	46	77	50	52	67	100	85		0.15	-
18	76	46	80	52	49	49	100	53		0.19	-
19	70	49	70	52	52	53	94	88		0.10	0.10
20	60	49	62	52	51	51	93	51		0.03	-
21	72	45	71	51	46	46	93	43		0.13	-
22	76	43	80	52	47	53	93	46		0.15	-
23	79	47	81	53	51	43	93	29		0.19	-
24	82	48	82	55	52	40	100	25		0.19	-
25	82	52	81	55	55	61	88	65		0.16	-
26	78	58	76	58	58	56	94	59		0.18	0.70
27	75	53	78	54	56	59	94	54		0.14	0.45
28	78	55	84	56	55	46	88	51		0.18	0.07
29	74	52	72	53	55	56	88	50		0.13	0.11
30	78	49	83	54	53	45	94	33		0.16	-
31	81	46	84	54	50	47	87	34		0.20	-
Tot:										3.82	3.60
Ave:	70	46	72	50							

DAGGAR

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	47	82	55	49	52	87	43		0.23	-
2	80	45	82	54	48	53	98	46		0.20	-
3	78	50	78	54	45	47	61	46		0.20	-
4	74	54	70	55	54	52	100	94		0.06	0.26
5	56	50	56	51	53	56	100	59		0.03	0.36
6	73	48	80	52	51	53	93	48		0.18	-
7	79	53	85	56	51	50	72	45		0.20	-
8	78	55	85	58	54	53	83	55		0.22	-
9	77	53	82	56	52	46	87	35		0.22	-
10	80	49	80	55	52	52	87	45		0.20	-
11	77	50	82	57	54	55	83	43		0.21	-
12	82	51	87	58	56	51	88	31		0.21	-
13	86	50	84	58	53	50	83	31		0.24	-
14	88	51	88	58	58	54	89	36		0.27	-
15	87	61	85	60	57	57	79	83		0.25	0.03
16	78	59	75	59	58	59	94	89		0.09	0.21
17	74	52	76	58	59	53	89	44		0.11	-
18	80	58	86	59	55	55	83	74		0.25	0.04
19	70	50	73	54	56	49	88	44		0.17	0.14
20	76	56	82	57	49	52	67	45		0.26	0.20
21	74	50	80	56	57	52	94	35		0.20	-
22	82	48	88	57	57	47	83	28		0.25	-
23	85	51	88	57	55	45	78	25		0.27	-
24	88	50	88	58	52	47	73	28		0.27	-
25	88	51	88	59	57	41	74	21		0.29	-
26	89	56	89	61	51	47	57	28		0.29	-
27	89	65	88	63	55	53	65	46		0.29	-
28	80	58	75	58	58	57	100	83		0.06	0.98
29	65	54	65	55	58	51	89	42		0.07	1.27
30	78	58	85	58	58	45	79	37		0.19	-
Tot:										5.98	3.49
Ave:	79	53	81	57							

DAGGAR

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Move-ment Miles	Evapo-ration inches	Rain inches
1	75	53	76	56	54	42	78	36		0.17	-
2	80	51	84	55	52	49	87	59		0.16	0.08
3	82	52	85	55	55	52	78	39		0.21	0.03
4	84	56	89	59	59	62	84	62		0.20	-
5	81	64	83	62	44	59	47	57		0.18	-
6	77	60	77	59	57	57	74	48		0.16	0.14
7	80	60	81	62	59	52	71	37		0.18	0.04
8	84	62	90	64	59	64	79	51		0.26	0.11
9	88	64	92	67	56	54	59	38		0.26	-
10	84	58	84	63	57	65	70	54		0.20	-
11	86	58	81	63	61	57	84	33		0.18	-
12	92	60	93	63	60	57	64	30		0.25	-
13	94	70	94	66	62	53	62	31		0.36	-
14	90	62	93	61	59	60	79	39		0.34	0.29
15	92	64	92	64	64	54	69	27		0.27	-
16	94	65	95	66	59	53	49	27		0.32	-
17	94	60	92	64	61	48	58	21		0.31	-
18	95	59	94	63	58	39	57	15		0.38	-
19	97	57	94	62	56	53	53	24		0.38	-
20	98	55	92	60	55	48	49	19		0.45	-
21	99	60	95	64	56	52	53	25		0.43	-
22	99	73	93	66	57	53	53	29		0.40	-
23	92	65	92	65	61	57	72	36		0.39	0.19
24	89	64	94	67	57	53	60	44		0.32	-
25	81	59	80	63	55	50	59	39		0 29	0 32
26	91	55	92	60	48	32	41	14		0.38	-
27	90	54	90	59	48	36	47	17		0 40	-
28	90	55	91	59	49	37	44	16		0 39	-
29	92	57	91	60	49	41	44	18		0 39	-
30	94	56	92	61	47	41	40	16		0.39	-
31	98	59	95	63	49	40	41	15		0.43	-
Tot:										9.43	1.20
Ave:	89	60	89	62							

DAGGAR

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	62	95	65	55	47	43	18		0.44	-
2	102	75	96	68	63	50	59	22		0.45	-
3	99	66	95	65	53	47	41	20		0.45	-
4	98	77	96	68	55	45	45	25		0.48	-
5	92	60	90	63	56	49	50	28		0.39	0.07
6	90	66	90	65	53	45	44	22		0.43	-
7	93	60	95	64	50	41	39	18		0.46	-
8	97	58	93	62	49	37	41	16		0.49	-
9	98	62	93	62	52	41	43	16		0.50	-
10	98	61	93	64	49	45	35	17		0.50	-
11	102	62	96	65	53	45	41	16		0.52	-
12	104	74	95	68	54	47	33	18		0.55	-
13	103	67	94	68	55	47	37	18		0.54	-
14	104	71	96	69	54	47	33	16		0.55	-
15	103	65	98	66	55	39	37	12		0.57	-
16	106	61	96	64	54	42	33	13		0.58	-
17	106	62	96	63	53	45	29	13		0.60	-
18	107	64			59	48	41	16		0.61	-
19	104	65			60	53	43	20		0.58	-
20	104	69			57	56	41	24		0.57	-
21	103	75			60	57	47	26		0.55	-
22	100	72			68	60	74	32		0.52	0.17
23	96	72			69	63	61	30		0.49	-
24	104	73			67	67	55	33		0.51	-
25	102	80			71	69	50	38		0.48	-
26	100	75			63	64	44	41		0.47	0.05
27	98	70			67	64	70	38		0.50	0.05
28	97	76			64	65	62	60		0.36	-
29	82	66			71	65	78	36		0.13	0.25
30	97	73			69	57	67	35		0.48	-
Tot:										14.75	0.59
Ave:	100	68									

DAGGAR

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	72			65	62	54	32		0.45	-
2	100	75			68	61	53	29		0.46	-
3	102	79			69	57	61	33		0.48	-
4	102	78			60	60	47	30		0.48	-
5	99	69			63	62	76	43		0.47	0.12
6	91	65			62	63	76	44		0.24*	0.44
7	89	70			67	54	63	27		0.37	-
8	95	72			68	61	61	39		0.38	-
9	95	79			68	70	61	65		0.37	-
10	93	77			72	66	79	34		0.32	-
11	97	69			72	69	83	49		0.22*	0.62
12	92	67			71	66	86	50		0.35	0.43
13	90	73			69	66	67	44		0.30	-
14	93	74			73	68	75	39		0.29	-
15	99	75			69	65	59	33		0.32	-
16	101	78			70	62	56	31		0.40	-
17	102	81			64	67	57	50		0.43	-
18	92	74			69	63	70	59		0.28	0.18
19	92	70			64	61	62	38		0.26	-
20	95	67			61	60	65	35		0.24	0.06
21	96	72			68	62	64	32		0.36	-
22	99	73			67	60	58	26		0.41	-
23	104	77			69	59	61	31		0.45	-
24	102	73			70	66	76	37		0.44	-
25	100	79			72	68	68	43		0.45	-
26	98	71			67	63	77	33		0.37	-
27	98	68			61	53	53	22		0.40	-
28	101	67			65	56	57	24		0.48	-
29	103	81			63	61	48	34		0.46	-
30	96	74			63	59	62	32		0.46	-
31	97	73			57	59	46	29		0.48	-
Tot:										11.87	1.85
Ave:	97	73									

* Estimated evaporation.

DAGGAR

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	75			60	62	47	32		0.46	-
2	100	74			62	63	46	30		0.47	-
3	102	78			70	66	68	32		0.44	-
4	103	81			71	69	62	38		0.44	-
5	102	84			72	66	62	37		0.40	-
6	99	81			75	67	79	50		0.41	-
7	89	71			71	71	91	59		0.26	0.43
8	90	74			73	70	79	56		0.25	-
9	92	70			67	66	85	48		0.29	0.41
10	89	72			72	58	79	33		0.26	-
11	93	74			73	70	75	44		0.34	-
12	97	76			74	70	72	44		0.36	-
13	97	68			71	71	86	57		0.15*	1.10
14	89	72			69	72	90	62		0.29	0.10
15	88	72			70	68	82	49		0.29	-
16	92	75			70	70	74	45		0.30	-
17	95	66			61	69	80	59		0.32	0.38
18	88	67			71	68	86	53		0.34	0.15
19	88	74			68	67	82	55		0.29	0.03
20	87	71			68	66	82	48		0.26	-
21	92	73			70	73	68	62		0.27	-
22	90	68			61	64	58	41		0.25	0.05
23	93	74			67	67	77	61		0.30	-
24	85	69			69	60	90	35		0.15*	1.40
25	93	66			65	65	81	57		0.18*	0.55
26	84	67			68	69	90	53		0.20	-
27	89	70			68	67	74	48		0.22	-
28	92	72			71	69	71	51		0.28	-
29	92	74			67	69	77	67		0.25	-
30	84	74			71	67	86	77		0.18	-
31	89	71			71	72	95	62		0.20	0.10
Tot:										9.10	4.70
Ave:	92	73									

* Estimated Evaporation.

DAGGAR

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	86	61			66	68	70	47		0.16	-
2	92	70			72	64	79	41		0.22	-
3	93	72			69	61	78	36		0.23	-
4	95	70			67	62	77	33		0.24	-
5	97	71			67	69	73	41		0.26	-
6	96	73			67	67	77	39		0.29	-
7	97	73			68	65	67	39		0.29	-
8	95	77			72	63	79	37		0.27	-
9	94	70			71	68	91	56		0.20*	0.25
10	88	72			69	70	90	71		0.23	-
11	81	69			70	66	90	55		0.16*	0.50
12	86	67			63	66	72	50		0.21	0.03
13	88	68			70	66	90	48		0.26	-
14	90	72			71	71	78	54		0.23	-
15	93	74			73	72	79	83		0.24	-
16	92	70			70	70	90	59		0.13	0.38
17	87	67			66	61	73	48		0.21	0.02
18	86	64			64	58	81	54		0.23	-
19	83	61			61	62	89	89		0.15	0.25
20	67	61			62	54	84	47		0.08	0.22
21	79	57			56	53	79	44		0.18	-
22	78	55			55	54	88	42		0.18	-
23	82	53			56	55	88	40		0.20	-
24	83	53			55	72	83	62		0.20	-
25	89	51			55	72	78	65		0.21	-
26	87	52			58	54	89	35		0.22	-
27	90	53			56	50	83	31		0.22	-
28	88	52			54	48	73	27		0.22	-
29	87	54			55	50	78	31		0.22	-
30	88	62			59	45	79	28		0.21	0.08
Tot:										6.35	1.93
Ave:	88	64									

* Estimated evaporation.

DAGGAR

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	54			57	56	79	37		0.20	-
2	89	57			57	47	79	33		0.22	-
3	89	62			58	57	74	53		0.20	0.07
4	79	51			53	51	83	36		0.23	-
5	88	54			56	50	88	34		0.24	-
6	86	54			55	49	78	35		0.22	-
7	87	54			51	55	64	45		0.23	-
8	83	54			56	56	83	41		0.22	-
9	84	55			57	55	83	40		0.22	-
10	86	55			56	50	66	31		0.23	-
11	88	53			55	51	74	31		0.23	-
12	90	52			52	47	61	28		0.23	-
13	89	51			51	47	57	28		0.22	-
14	90	50			49	49	67	29		0.24	-
15	89	50			53	57	68	29		0.23	-
16	88	62			50	44	53	26		0.22	-
17	84	62			53	49	78	50		0.22	-
18	76	56			54	59	94	89		0.17	0.10
19	69	45			47	48	58	39		0.19	-
20	79	52			50	51	67	64		0.19	-
21	80	59			51	52	82	87		0.16	0.46
22	68	46			46	54	86	62		0.07	0.04
23	69	44			46	49	86	44		0.09	-
24	78	42			39	48	78	41		0.14	-
25	80	44			44	49	80	41		0.14	-
26	79	44			49	47	81	38		0.14	-
27	80	40			46	47	80	40		0.13	-
28	83	41			48	44	81	35		0.14	-
29	80	41			50	40	71	32		0.15	-
30	79	41			44	42	80	36		0.14	-
31	78	42			44	46	74	45		0.13	-
Tot:										5.78	0.67
Ave:	82	50									

DAGGAR

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	75	43			42	40	79	32		0.11	-
2	75	42			42	41	85	33		0.11	-
3	78	40			42	45	85	37		0.12	-
4	78	39			43	42	85	31		0.12	-
5	83	40			39	43	62	32		0.14	-
6	85	40			42	37	85	28		0.14	-
7	86	42			39	41	78	33		0.15	-
8	88	41			38	31	77	24		0.15	-
9	85	40			39	32	78	23		0.13	-
10	82	40			38	37	77	26		0.12	-
11	80	39			41	45	85	37		0.11	-
12	78	38			39	44	84	39		0.11	-
13	79	40			37	47	84	43		0.12	-
14	81	39			36	44	83	39		0.12	-
15	80	38			35	41	83	35		0.13	-
16	78	36			33	38	75	33		0.12	-
17	77	34			33	31	75	24		0.11	-
18	78	35			29	25	55	19		0.13	-
19	78	34			32	45	81	47		0.12	-
20	79	36			26	41	64	42		0.11	-
21	77	36			36	40	76	47		0.11	-
22	64	43			47	50	93	87		0.06	0.22
23	55	47			45	48	93	93		0.04	0.16
24	51	47			44	49	92	87		0.02	0.22
25	58	46			46	48	93	87		0.03	0.50
26	62	38			36	48	91	87		0.04	0.03
27	65	37			35	41	91	51		0.05	-
28	66	36			35	42	91	59		0.06	-
29	65	36			38	43	82	59		0.06	-
30	64	35			32	46	81	75		0.06	-
Tot:										3.00	1.13
Ave:	74	39									

DAGGAR

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	68	34			31	47	90	75		0.05	-
2	68	34			27	47	80	70		0.05	-
3	67	33			31	49	90	76		0.07	-
4	69	33			35	46	83	75		0.06	-
5	60	36			36	44	91	69		0.06	-
6	66	32			26	43	79	64		0.05	-
7	68	31			33	49	82	76		0.05	-
8	59	38			42	44	85	74		0.04	-
9	55	40			42	47	92	93		0.03	-
10	51	44			45	43	100	68		0.01	0.37
11	56	34			31	48	90	87		0.01	0.02
12	58	32			26	49	79	76		0.03	-
13	64	31			28	49	89	81		0.05	-
14	65	31			28	45	89	80		0.06	-
15	63	31			30	44	90	92		0.06	-
16	51	32			43	45	92	93		0.02	-
17	49	44			42	46	92	93		0.01	0.22
18	51	43			41	47	92	81		0.01	0.03
19	55	43			42	52	92	82		0.02	0.47
20	62	44			44	50	92	87		0.04	0.70
21	58	39			34	51	82	82		0.03	-
22	61	38			37	47	91	81		0.05	-
23	56	34			29	43	80	74		0.03	0.12
24	56	33			39	39	84	84		0.05	-
25	46	41			39	35	91	59		0.02	0.07
26	58	41			44	42	92	92		0.03	0.01
27	47	44			43	45	92	86		0.01	0.97
28	54	41			39	45	91	86		0.03	-
29	53	35			30	44	80	85		0.04	-
30	49	34			29	45	80	86		0.02	-
31	59	31			28	41	89	63		0.03	-
Tot:										1.12	2.98
Ave:	58	36									

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DARBAND - 1972

Location	Latitude 34°21', Longitude 72°50', in Faridabad about 1½ miles from Darband.
Elevation	1,400 ± ft.msl.
Period of record	Non-recording rain gauge station since October 1960 established by Surface Water Hydrology Project. The rainfall data from 1954 to 1958 was also collected by Dams Investigation Circle (Defunct). Observatory installed on 24.6.1963 by Surface Water Hydrology Project.
Instruments	5" Non-recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 30.42 inches Evaporation (Pan) 98.59 inches Absolute maximum air temperature 114°F Absolute minimum air temperature 35°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hours period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) indicates no precipitation.

DARBAND

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	62	43	51	42	38	33	55	38	34	0.10*	-
2	68	42	63	41	38	48	70	65	47	0.09	-
3	68	41	62	39	32	45	61	63	45	0.10	-
4	68	39	62	38	34	43	68	58	41	0.09	-
5	68	38	61	37	34	42	82	58	46	0.09	-
6	68	37	60	35	32	45	73	68	45	0.10	-
7	66	36	59	36	32	37	81	46	42	0.10	-
8	63	36	56	34	35	35	82	45	45	0.10	-
9	60	37	51	36	34	37	82	46	32	0.08	-
10	67	39	60	35	32	41	66	53	48	0.09	-
11	70	39	60	37	33	42	67	50	43	0.10	-
12	67	39	60	37	30	48	49	65	42	0.10	-
13	65	48	57	38	32	47	43	86	36	0.10	-
14	63	49	50	45	41	51	71	76	99	0.07	0.05
15	67	44	65	43	40	53	71	76	62	0.09	-
16			50	46	51	51	71	62	44	0.10	-
17	65	45	62	45	37	51	59	66	64	0.10	-
18	69	46	64	44	38	46	60	60	38	0.11	-
19	63	51	56	45	42	44	67	55	168	0.11	-
20	61	50	56	47	49	51	93	93	57	0.08	-
21	56	47	54	46	47	47	100	100	63	0.03	0.60
22	48	37	47	37	37	45	83	68	51	0.03*	2.35
23	60	41	60	37	39	35	70	45	80	0.10	-
24	58	48	49	43	42	50	72	76	84	0.10	-
25	64	48	61	45	45	48	79	65	41	0.08	-
26	63	51	59	46	42	46	62	64	58	0.09	-
27	61	45	61	42	39	44	65	55	101	0.10	-
28	64	49	63	42	39	53	65	87	61	0.11	-
29	65	50	64	45	46	47	85	93	88	0.12	-
30	51	48	50	45	40	42	71	78	51	0.05	0.11
31	50	47	49	46	47	47	100	93	39	0.02	0.84
Tot:										2.73	3.95
Ave:			57	41					58		

* Estimated evaporation.

DARBAND

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	54	44	50	43	43	50	78	81	78	0.01	0.46
2	61	45	58	45	45	49	85	80	19	0.04	-
3	62	40	60	40	38	42	76	58	35	0.11	-
4	59	38	59	38	37	46	91	85	38	0.11	-
5	54	39	53	37	39	47	70	86	48	0.04	-
6	61	41	61	40	41	47	77	74	56	0.11	-
7	59	38	59	38	34	49	68	80	36	0.11	-
8	62	38	62	38	32	48	61	70	40	0.10	-
9	68	41	65	39	35	49	74	75	58	0.13	-
10	66	42	60	39	37	40	64	48	63	0.13	-
11	66	49	57	43	34	30	48	33	77	0.13	-
12	60	42	51	41	43	39	100	65	100	0.05	1.26
13	51	38	49	37	38	37	83	64	107	0.07	0.11
14	51	36	49	37	38	44	91	85	45	0.06	-
15	54	35	54	36	38	47	91	80	65	0.10	0.05
16	60	37	61	37	30	46	65	74	45	0.12	-
17	62	35	62	36	37		83		67	0.13	-
18	62	39	63	38					50	0.13	-
19	66	38	65	37					49	0.13	-
20	70	42	68	39					48	0.16	-
21	75	64	71	42					51	0.16	-
22	59	56	53	47					184	0.11	0.05
23	56	46	52	45					117	0.09	-
24	66	49	64	45					54	0.08	0.35
25	60	44	59	44					36	0.14	0.04
26	61	37	64	39					55	0.14	-
27	63	41	66	40					38	0.12	-
28	66	43	69	43					40	0.16	-
29	69	43	70	43					58	0.17	-
Tot:										3.14	2.32
Ave:	61	42	60	40					57		

DARBAND

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	71	44	71	42					46	0.17	-
2	73	44	72	42					27	0.16	-
3	75	47	75	45					61	0.18	-
4	77	54	72	52					101	0.22	0.08
5	64	51	61	50					95	0.08	0.25
6	66	51	67	49					41	0.14	-
7	71	53	73	51					99	0.15	-
8	67	47	65	48					68	0.07	1.25
9	59	44	61	43					57	0.14	0.40
10	72	51	72	45					54	0.17	-
11	73	59	69	48					47	0.16	-
12	61	53	58	51					177	0.06	0.12
13	61	50	59	46		52		53	104	0.03	0.76
14	73	52	76	47	38	54	44	57	66	0.18	-
15	75	55	72	50	49	51	70	56	63	0.17	-
16	68	53	64	51	47	57	65	65	84	0.18	-
17	75	54	78	51	47	60	65	67	58	0.13	-
18	80	55	82	51	48	57	70	58	68	0.21	-
19	79	56	76	52	51	55	76	82	109	0.19	-
20	63	54	61	52	51	58	71	56	63	0.09	0.20
21	79	55	82	54	49		70		51	0.18	-
22	79	54	82	54	49	62	70	64	44	0.19	-
23	81	57	83	58	49	58	70	50	42	0.24	-
24	86	58	85	54	47	59	47	46	49	0.27	-
25	89	63	85	58	47	54	44	48	48	0.27	-
26	81	60	76	58	58	59	94	74	170	0.05	0.18
27	77	59	77	56	52	61	63	51	126	0.13*	0.68
28	83	64	86	57	49	50	51	46	98	0.27	-
29	77	59	72	56	52	58	63	56	155	0.24	0.16
30	83	56	86	56	53	62	56	58	51	0.24	-
31	85	56	87	56	45	59	40	51	34	0.24	-
Tot:										5.20	4.08
Ave:	74	54	73	51					76		

DARBAND

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	85	56	86	56	50	59	62	51	43	0.26	-
2	84	57	82	56	51	52	66	42	58	0.26	-
3	83	57	83	56	49	47	61	44	74	0.27	-
4	79	58	74	56	53	52	82	81	166	0.27	-
5	62	54	60	52	51	63	76	72	111	0.02	0.38
6	79	55	82	53	50	59	58	51	40	0.24	-
7	84	62	86	58	52	63	63	61	44	0.28	-
8	83	62	87	58	51	59	56	59	58	0.30	-
9	80	60	86	56	46	59	53	59	70	0.28	-
10	82	57	82	57	55	56	64	46	38	0.23	-
11	82	58	85	57	53	58	53	50	56	0.25	-
12	85	60	87	59	55	58	77	48	55	0.28	-
13	87	60	89	60	54	54	73	37	45	0.29	-
14	92	61	89	60	45	61	36	47	42	0.31	-
15	93	67	89	63	55	61	61	94	107	0.37	-
16	75	61	71	58	55	59	69	59	171	0.21	0.79
17	75	59	74	58	53	56	64	55	41	0.13	0.04
18	82	62	85	61	52	55	44	61	66	0.28	-
19	76	60	75	57	47	60	49	63	35	0.17	0.35
20	80	60	82	56	49	49	61	40	83	0.28	0.12
21	80	62	86	56	48	39	47	19	57	0.24	-
22	93	60	90	57	52	35	67	15	45	0.34	-
23	93	60	89	58	43	30	31	12	47	0.36	-
24	92	60	91	59	48	52	47	29	49	0.33	-
25	92	64	93	60	52	57	42	34	44	0.35	-
26	94	67	92	63	53	56	40	31	58	0.37	-
27	94	72	93	64	55	54	51	46	81	0.41	-
28	81	61	74	59	55	58	69	70	137	0.26	0.74
29	74	61	71	57	54	57	60	42	120	0.27	-
30	85	62	87	59	58	57	66	47	36	0.20	-
Tot:										8.06	2.42
Ave:	84	61	83	58					69		

DARBAND

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	86	61	87	57	59	51	70	39	107	0.24	-
2	86	62	87	57	57	49	65	36	119	0.25	-
3	89	61	88	59	51	55	47	41	59	0.28	-
4	90	66	92	62	50	57	43	38	44	0.32	-
5	90	68	88	62	61	56	71	44	38	0.29	0.05
6	81	66	75	62	52	55	44	43	135	0.28	0.06
7	81	68	76	61	52	61	44	54	165	0.33	-
8	89	68	90	62	54	52	48	29	99	0.35	0.05
9	91	72	87	66	53	54	45	32	83	0.38	-
10	88	74	80	64	53	52	38	29	186	0.43	-
11	91	72	84	63	46	57	29	27	115	0.52	-
12	101	71	95	62	51	62	30	31	57	0.49	-
13	104	76	96	67	51	51	33	24	111	0.55	-
14	97	67	89	62	62	55	58	30	182	0.55	0.15
15	95	71	90	66	54	61	37	35	83	0.48	-
16	101	76	95	71	50	54	31	26	72	0.54	-
17	99	78	93	66	48	53	24	22	96	0.56	-
18	103	73	96	66	52	44	32	14	62	0.62	-
19	105	72	99	66	51	40	35	12	43	0.49	-
20	106	72	99	65	43	43	19	13	58	0.53	-
21	107	75	100	66	48	44	27	16	56	0.54	-
22	107	79	96	67	51	50	33	22	143	0.61	-
23	97	62	86	61	61	63	67	39	171	0.48*	1.51
24	92	72	92	64	54	54	41	35	57	0.35	-
25	85	66	81	62	54	68	41	63	156	0.40	0.31
26	94	70	93	64	53	62	38	37	64	0.35	-
27	94	66	94	61	46	51	33	26	58	0.47	-
28	95	72	93	62	37	37	18	13	69	0.49	-
29	98	78	95	63	36	38	16	13	92	0.58	-
30	100	76	94	64	40	44	18	14	86	0.57	-
31	103	75	95	65	43	54	19	20	79	0.59	-
Tot:										14.91	2.13
Ave:	98	70	90	63					95		

* Estimated evaporation.

DARBAND

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	108	76	100	66	43	59	19	25	55	0.51	-
2	110	82	101	70	47	53	20	20	54	0.56	-
3	104	81	92	67	53	60	30	29	172	0.74	-
4	104	81	98	67	53	55	31	39	80	0.57	-
5	97	70	90	64	58	51	43	24	103	0.49	-
6	95	75	93	63	49	45	29	19	154	0.64	-
7	99	73	97	66	47	53	25	24	54	0.51	-
8	102	74	97	65	49	50	26	22	47	0.48	-
9	102	73	92	64	48	52	27	23	72	0.48	-
10	104	77	99	66	50	49	23	20	63	0.51	-
11	107	77	100	68	49	51	24	21	46	0.50	-
12	108	84	99	70	45	46	19	14	68	0.61	-
13	108	80	98	68	47	58	20	22	125	0.72	-
14	109	82	99	73	54	59	29	23	51	0.58	-
15	109	82	102	70	53	44	24	12	59	0.62	-
16	111	80	100	68	49	42	20	11	67	0.60	-
17	112	79	98	66	41	42	15	11	64	0.66	-
18	114	80	100	68	45	42	19	11	48	0.65	-
19	113	80	100	67	43	41	19	11	36	0.60	-
20	111	78	98	66	53	55	30	22	72	0.58	-
21	107	86	98	71	52	60	28	24	56	0.57	-
22	107	72	96	71	67	69	60	44	59	0.56	0.70
23	99	81	94	73	68	67	52	34	43	0.52	-
24	105	81	98	75	68	60	52	24	53	0.51	-
25	106	86	97	77	65	67	38	30	58	0.57	-
26	107	73	98	71	61	66	39	43	86	0.58	0.12
27	104	73	100	69	69	62	67	29	138	0.48	0.34
28	101	81	100	73	70	64	55	48	50	0.46	-
29	89	72	81	69	67	71	60	56	83	0.32	0.28
30	100	79	89	74	69	63	55	41	51	0.42	
Tot:										16.60	1.44
Ave:	105	78	97	69					72		

DARBAND

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	93	70	85	70	65	72	49	54	121	0.40	0.13
2	104	81	101	75	66	73	43	40	50	0.44	-
3	106	85	103	78	71	67	51	49	51	0.51	-
4	104	77	98	71	61	69	42	50	74	0.38	0.10
5	105	69	101	69	64	68	53	52	109	0.52	0.12
6	96	66	94	66	61	71	63	54	92	0.42	0.65
7	93	74	93	71	63	67	46	40	48	0.44	-
8	99	76	100	74	65	66	53	37	38	0.46	-
9	99	79	98	72	72	71	65	56	83	0.54	-
10	97	71	97	75	68	74	55	48	59	0.52	-
11	102	71	100	70	68	73	66	95	80	0.48	0.42
12	98	71	99	70	68	70	73	51	55	0.33	0.83
13	94	75	95	72	69	83	60	71	31	0.34	-
14	99	78	100	75	71	85	61	69	28	0.33	-
15	104	81	103	77	73	81	57	55	35	0.38	-
16	106	84	105	79	73	68	52	31	34	0.38	-
17	106	77	105	73	69	66	70	37	82	0.46	-
18	97	73	91	72		63		47	127	0.24	-
19	95	73	95	69	62	64	50	36	118	0.57	0.30
20	98	71	97	66	58	64	45	36	99	0.46	-
21	101	78	98	69	62	63	45	30	56	0.40	-
22	105	80	102	68	66	63	47	26	51	0.43	-
23	108	83	103	77	68	69	45	42	54	0.45	-
24	99	77	97	74	61	65	42	41	54	0.45	0.30
25	102	82	100	77	59	62	37	31	39	0.42	-
26										0.43*	-
27										0.45*	-
28	107	82	105	72	62	69	45	32	144+	0.46	-
29	108	83	102	73	63	62	50	37	88	0.56	-
30	97	71	89	70	64	67	59	40	177	0.61	0.41
31	99	70	97	69	60	71	46	43	112	0.47	-
Tot:										13.73	3.26
Ave:									69		

* Estimated evaporation.
\+ 3 days observation.

DARBAND

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	79	100	68	68	67	52	33	44	0.49	-
2	103	82	100	75	68	68	52	31	33	0.49	-
3	105	83	101	77	68	71	52	35	34	0.48	-
4	107	86	102	77	71	70	51	33	36	0.46	-
5	107	78	101	79	72	70	54	38	54	0.50	-
6	103	83	98	78	71	72	67	59	84	0.52	-
7	91	72	89	72	74	68	91	55	73	0.32	1.08
8	95	75	95	72	74	73	75	62	56	0.32	0.07
9	94	69	95	68	68	73	73	50	71	0.35	1-24
10	96	75	98	70	71	75	70	55	25	0.26	-
11	99	77	102	74	70		67		25	0.31	-
12	100	79	103	75	75	75	79	50	26	0.33	-
13	97	73	97	71	71	75	90	60	63	0.37	-
14	93	72	96	70	68	73	73	59	67	0.38	0.07
15	90	74	91	73	71	71	74	54	22	0.20	-
16	96	77	100	75	68	73	60	57	25	0.24	-
17	94	75	97	74	73	71	86	58	24	0.26	0.34
18	95	77	97	74	69	69	67	55	29	0.21	-
19	93	73	96	72	70	73	90	68	58	0.29	0.05
20	89	71	91	70	71	73	82	62	34	0.25	0.12
21	94	75	97	73	72	73	71	57	32	0.28	-
22	96	72	100	68	64	69	55	44	80	0.42	-
23	99	71	99	71	68	72	90	62	50	0.28	0.36
24	90	69	89	68	65	72	65	59	35	0.35	0.21
25	95	68	99	67	65	72	62	68	69	0.43	0.92
26	89	70	90	70	68	75	70	60	20	0.17	-
27	97	73	100	72	72	72	65	47	18	0.25	-
28	100	76	101	75	72	73	74	52	15	0.28	-
29	94	75	97	73	71	77	86	83	55	0.32	-
30	85	74	85	72	74	73	87	71	12	0.17	0.12
31	95	76	98	73	71	71	70	54	39	0.24	-
Tot:										10.15	4.58
Ave:	96	75	97	72					42		

DARBAND

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	74	95	72	66	74	56	55	26	0.27	-
2	97	75	100	72	71	75	64	53	35	0.30	-
3	99	77	99	75	69	77	58	61	17	0.32	-
4	101	76	100	74	69	78	55	56	26	0.33	-
5	102	77	103	74	69	78	55	56	28	0.37	-
6	101	79	97	76	69	71	58	45	28	0.33	-
7	100	78	97	74	69	73	58	48	32	0.35	-
8	100	81	97	75	71	71	61	64	23	0.37	-
9	98	72	94	71	72	75	78	65	49	0.31	0.42
10	92	70	93	70	71	70	95	61		0.25	0.46
11	87	71	87	70	70	71	86	67	52+	0.12	0.18
12	84	68	86	66	64	71	61	64	48	0.21	-
13	92	72	95	69	69	73	70	57	22	0.25	-
14	95	76	97	73	73	73	78	57	22	0.26	-
15	96	77	98	74	71	72	61	54	13	0.28	-
16	95	74	97	72	68	76	60	63	41	0.36	-
17	94	73	96	66	58	68	48	50	72	0.35	-
18	93	69	92	68	62	62	55	55	26	0.27	-
19	88	63	82	62	59	63	70	67	62	0.28	0.47
20	75	65	77	61	57	64	65	59	74	0.27	0.10
21	84	59	86	59	57	66	65	63	46	0.26	-
22	84	60	86	59	55	66	61	63	33	0.24	-
23	86	60	87	58	53	68	56	63	19	0.25	-
24	91	63	89	59	53	61	53	44	24	0.25	-
25	95	62	89	60	49	66	40	51	36	0.27	-
26	95	65	90	61	53	61	45	42	27	0.27	-
27	95	64	89	61	53	63	47	46	29	0.27	-
28	95	65	89	62	51	59	39	37	27	0.29	-
29	97	65	90	63	53	55	45	30	24	0.29	-
30	95	63	90	62	57	63	58	53	50	0.40	0.50
Tot:										8.64	2.13
Ave:	93	70	92	67					34		

2 days observation.

DARBAND

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	64	89	63	59	62	62	55	19	0.17	-
2	93	65	90	64	56	52	52	36	22	0.26	-
3	94	69	90	61	54	57	57	49	67	0.33	-
4	82	61	76	57	52	57	44	49	44	0.23	-
5	91	64	87	62	56	61	55	51	31	0.23	-
6	90	64	86	61	55	48	51	32	27	0.22	-
7	92	62	87	60	57	48	69	32	37	0.28	0.21
8	88	64	86	61	57	58	53	43	26	0.25	-
9	89	65	87	63	57	57	49	37	30	0.25	-
10	91	66	87	63	57	61	49	40	37	0.26	-
11	93	65	87	61	53	53	47	31	39	0.26	-
12	95	65	87	60	49	49	40	26	40	0.27	-
13	96	70	86	60	45	48	32	27	67	0.30	-
14	97	66	86	60	47	48	37	27	53	0.31	-
15	95	65	84	59	48	49	40	29	45	0.32	-
16	93	70	80	62	47	52	37	38	121	0.36	-
17	86	67	80	59	47	53	44	53	157	0.34	-
18	76	60	67	56	54	51	77	52	109	0.19	0.09
19	72	53	70	50	46	51	69	56	45	0.13	-
20	82	54	77	50	51	57	49	58	52	0.27	-
21	84	56	75	55	51	52	76	53	179	0.31	0.17
22	76	52	62	49	51	55	66	58	113	0.17	-
23	80	53	76	51	45	47	52	37	36	0.19	-
24	82	54	77	51	47	48	61	38	36	0.21	-
25	85	54	78	51	48	47	70	35	34	0.21	-
26	85	53	78	48	45	50	63	39	40	0.24	-
27	85	53	77	50	40	51	48	41	42	0.22	-
28	86	53	77	50	40	47	45	35	45	0.23	-
29	85	54	77	51	42	48	50	38	45	0.23	-
30	84	54	76	51	41	48	43	38	44	0.24	-
31	83	54	75	51	42	48	50	40	48	0.23	-
Tot:										7.71	0.47
Ave:	87	60	81	56					56		

DARBAND

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain inches
1	80	54	70	50	45	47	55	37	34	0.16	-
2	83	55	74	51	43	46	58	34	41	0.20	-
3	84	56	76	50	43	46	47	34	46	0.23	-
4	87	52	76	49	37	48	37	38	47	0.24	-
5	88	53	76	49	37	34	37	18	44	0.25	-
6	88	54	75	49	40	41	48	25	49	0.25	-
7	87	55	75	49	44	45	48	32	48	0.23	-
8	85	55	74	51	44	47	55	35	37	0.25	-
9	86	58	75	49	41	46	43	34	46	0.22	-
10	84	56	73	53	45	51	52	41	37	0.20	-
11	84	57	74	52	46	53	60	45	43	0.20	-
12	85	57	74	52	41	50	46	39	34	0.20	-
13	84	57	75	52	32	50	50	39	53	0.21	-
14	85	53	75	49	38	45	41	36	47	0.19	-
15	85	51	73	47	32	39	34	30	44	0.22	-
16	83	50	71	45	32	41	40	31	42	0.21	-
17	84	50	70	45	32	42	43	34	47	0.22	-
18	82	50	71	44	28	39	29	30	44	0.21	-
19	84	49	70	45	32	39	37	32	49	0.21	-
20	82	48	70	45	28	43	35	37	41	0.19	-
21	82	55	70	45	30	36	33	28	43	0.19	-
22	74	54	60	48	48	52	70	93	139	0.22	0.12
23	60	52	53	48	50	51	93	93	20	0.04	0.52
24	57	51	51	48	48	55	75	94	53	0.03	0.44
25	68	53	65	49	51	51	76	76	39	0.05	0.35
26	65	46	49	44	45	54	73	77	82	0.08	0.11
27	72	46	66	45	36	55	53	77	32	0.08	-
28	72	44	67	44	45	55	85	77	32	0.09	-
29	71	43	66	43	41	51	71	66	29	0.09	-
30	71	44	65	42	37	51	54	66	37	0.09	-
Tot:										5.25	1.54
Ave:	79	52	69	48					46		

DARBAND

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	75	46	65	42	32	50	40	62	53	0.11	-
2	74	48			38	50	55	62	47	0.12	-
3	72	47	65	43	37	54	50	73	49	0.12	-
4	76	51	67	44	40	44	60	51	39	0.12	-
5	70	46	61	44	38	43	55	47	48	0.11	-
6	73	44	62	42	40	43	65	47	42	0.12	-
7	73	44	65	43	37	46	59	60	41	0.12	-
8	66	50	57	44	41	42	66	58	35	0.08	-
9.	62	47	54	46	41	49	61	86	42	0.05	-
10	62	47	51	46	42	50	72	81	45	0.02	0.74
11	60	45	58	42	41	52	71	81	61	0.07	-
12	66	42	63	41	39	54	84	88	38	0.08	-
13	66	41	63	40	38	46	83	69	25	0.07	-
14	63	40	60	39	36	49	75	75	29	0.08	-
15	65	38	61	40	40	48	71	70	34	0.08	-
16	64	40	56	42	45	45	68	73	36	0.05	-
17	56	50	51	46	43	47	67	74	114	0.04	0.04
18	58	49	52	46	42	50	62	76	58	0.04	-
19	62	52	58	47	43	51	67	71	80	0.04	-
20	65	50	63	48	45	55	68	82	68	0.09	-
21	65	45	64	45	43	55	78	82	45	0.09	-
22	68	45	64	45	43	43	78	58	44	0.11	-
23	63	44	58	41	45	45	85	68	65	0.10	-
24	61	47	58	42	32	48	55	100	52	0.08	-
25	58	46	50	43	41	49	71	80	30	0.08	0.12
26	60	47	58	44	46	46	92	74	23	0.06	0.14
27	60	44	59	43	39	48	77	86	17	0.06	1.02
28	56	42	56	42	41	47	84	86	59	0.07	0.04
29	55	39	55	39	40	48	84	86	48	0.05	-
30	61	40	59	40	39	43	84	67	50	0.08	-
31	61	39	59	38	39	49	77	86	33	0.08	-
Tot:										2.47	2.10
Ave:	64	45							47		

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DHOK PATHAN - 1972

Location	Latitude 33°08', Longitude 72°20', situated in front of P.W.D. Rest House.
Elevation	
Period of record	Observatory established in October, 1970 by Surface Water Hydrology Project WAPDA.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Maximum and Minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 16.29 inches Evaporation (Pan) 111.17 inches Absolute Maximum air temperature, 120°F Absolute Minimum air temperature, 28°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures, and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

DHOK PATHAN

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	34	60	38	29	26	80	23		0.07	-
2	72	34	61	36	34	37	68	35		0.09	-
3	73	33	60	36	37	32	76	28		0.08	-
4	72	34	60	34	34	23	68	24		0.08	-
5	73	33	60	35	37	18	76	18		0.09	-
6	70	31	59	36	27	9	57	14		0.09	-
7	66	32	55	35	25	9	62	12		0.08	-
8	66	32	55	35	20	23	46	24		0.10	-
9	65	28	52	34	29	19	80	20		0.10	-
10	66	28	56	35	27	23	70	21		0.10	-
11	71	30	58	35	25	23	50	21		0.11	-
12	70	30	58	33	27	23	57	24		0.11	-
13	70	30	58	35	41	43	71	63		0.11	-
14	62	39	52	42	35	42	82	54		0.10	-
15	67	36	62	40	39	40	91	42		0.10	-
16	67	40	58	47	40	45	91	52		0.07	-
17	70	38	61	41	35	30	82	26		0.10	-
18	72	39	64	42	40	47	91	57	31	0.11	-
19	68	41	55	42	39	44	84	45	15	0 10	-
20	68	43	61	44	45	52	79	87	21	0 05	-
21	59	49			48	49	93	93	31	0 01	0.10
22	53	45			44	51	92	93	25	0 12	0.67
23	61	40	53	51	41	56	92	94	28	0.06	-
24	60	40	52	51	40	54	91	93	14	0.08	-
25	61	41	52	51	41	52	92	87	10	0.08	-
26											-
27											-
28											-
29	68	42	66	42	48	44	86	45	80+	0.23 +	0.05
30	66	42	65	42	48	37	86	40	30	0.04	0.22
31			52	51	50	52	93	93	34	0.12	0.61
Tot:										2.58	1.65
Ave:											

+ 4 days observation.

DHOK PATHAN

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	55	49	55	49	48	54	93	88	30	0.02*	0.11
2	60	42	63	53	44	48	100	65	10	0.06	-
3	60	37	65	39	37	46	91	64	16	0.10	-
4	60	37	63	40	38	46	91	69	15	0.10	-
5	58	40	60	40	40	43	91	58	27	0.09	-
6	59	41	64	42	40	51	91	71	28	0.10	-
7	60	35	64	40	38	56	91	78	19	0.10	-
8	64	32	63	37	32	53	90	64	33	0.14	-
9	68	34	64	37	35	55	90	64	23	0.12	-
10	67	36	65	37	42	55	92	69	22	0.18	-
11	68	34	62	43	50	50	87	93	44	0.13	-
12	58	40	50	42	43	50	85	87	42	0.08	0.48
13	56	38	55	39	39	51	91	93	60	0.09	-
14	54	40	57	41	40	47	91	86	54	0.10	-
15	53	34	56	38	35	49	90	80	43	0.02	-
16	56	34	61	42	33	52	90	71	29	0.10	-
17	61	34	62	42	35	28	90	27	35	0.13	-
18	64	34	63	38	33	43	90	44	22	0.12	-
19	65	36	64	41	39	37	91	31	28	0.14	-
20	70	39	67	40	40	41	91	38	16	0.13	-
21	70	41	67	41	46	56	79	73	20	0.13	-
22	68	52	65	51	48	50	80	62	52	0.13	-
23	67	48	63	48	47	47	93	49	56	0.12	-
24	69	41	68	46	44	48	85	53	31	0.13	-
25	66	38	68	43	35	28	74	25	41	0.41	-
26											-
27	66	33	67	37	38	35	91	30	70+	0.37+	-
28	70	36	67	38	38	28	83	21	23	0.15	-
29	72	37	70	41	32	21	61	16	28	0.19	-
Tot:										3.43	0.59
Ave:									32		

* Estimated evaporation.
\+ 2 days observation.

DHOK PATHAN

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	71	39	67	42	39	28	84	19	37	0.20	-
2	76	40	72	42	41	31	84	18	22	0.22	-
3											-
4	83	44	78	44	57	53	88	60	76+	0.40+	-
5	75	52	70	52	50	49	87	51	86	0.20	0.22
6	70	51	67	49	52	49	93	45	29	0.20	-
7	73	52	74	53	50	47	76	47	25	0.30	-
8	69	55	65	54	54	53	88	68	34	0.03	0.32
9	65	48	68	49	48	46	93	41	44	0.20	-
10	72	48	75	49	49	49	86	51	37	0.17	-
11	71	52	65	51	50	49	81	54	31	0.12	-
12	70	54	66	53	52	58	81	94	58	0.09	-
13	66	50	65	49	52	48	87	42	58	0.20	0.25
14	73	48	65	50	52	38	93	26	54	0.19	-
15	78	54	75	51	52	48	71	42	34	0.20	-
16	74	52	67	52	50	46	81	33	40	0.13	-
17	78	52	80	53	53	45	87	30	30	0.20	-
18	80	50	82	53	48	40	70	26	34	0.27	-
19	80	56	72	54	56	59	78	74	58	0.27	-
20	70	55	68	56	56	41	88	25	46	0.03	0.04
21	80	54	84	57	54	47	88	31	34	0.27	-
22	81	53	80	56	51	48	71	28	37	0.28	-
23											-
24	90	53	86	55	51	49	59	24	55+	0.50+	-
25	92	62	82	57	58	46	70	21	34	0.28	-
26	94	63	86	62	58	56	66	40	43	0.26	-
27	90	60	87	60	62	58	89	46	111	0.27*	0.25
28	83	64	86	62	58	54	66	37	53	0.28	-
29	86	63	83	62	56	54	73	37	94	0.34	0.04
30	84	57	84	59	56	42	65	22	59	0.32	-
31	86	54	84	57	53	38	72	18	50	0.33	-
Tot:										6.75	0.88
Ave:									45		

* Estimated evaporation.
\+ two days observation

DHOK PATHAN

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	88	52	84	53	48	41	53	20	52	0.40	-
2	89	53	85	55	43	40	47	18	38	0.33	-
3	90	62	86	56	48	45	47	25	30	0.28	-
4	84	67	76	58	53	56	56	61	72	0.30	-
5	73	53	68	53	56	55	88	39	86	0.16	0.07
6	82	56	85	54	57	53	78	31	33	0.23	-
7	88	64	87	60	55	46	58	24	59	0.35	-
8	88	59	87	60	61	46	75	29	64	0.38	0.06
9	84	56	85	54	60	47	94	30	73	0.40	0.34
10	84	58	84	57	58	55	70	37	45	0.30	-
11	85	62	86	61	58	51	70	27	34	0.24	-
12	90	62	88	63	57	41	62	15	46	0.38	-
13	95	60	89	66	52	45	50	17	37	0.37	-
14	98	66	82	64	53	49	40	21	30	0.35	-
15	96	74	89	65	49	45	36	19	61	0.43	-
16			86	63	66	48	85	24	126	0.43	0.22
17			84	59	61	54	84	37	54	0.44	0.34
18	84	64	87	62	56	55	61	39	47	0.30	-
19	84	60	86	58	55	54	64	37	59	0.28	-
20	85	58	85	58	52	43	63	29	83	0.32	0.04
21	80	59	81	59	55	48	61	27	50	0.30	-
22	88	60	87	62	51	44	47	20	34	0.29	-
23	92	62	86	63	96	40	55	16	38	0.33	-
24	95	64	91	64	53	43	45	16	29	0.38	-
25	96	63	90	63	51	40	39	14	29	0.40	-
26	100	68	92	65	50	46	37	21	64	0.48	-
27	96	74	85	60	62	47	58	23	71	0.38	0.02
28	92	66	87	62	59	56	74	44	140	0.53	0.51
29	80	69	84	63	60	46	70	23	73	0.29	-
30	88	62	89	63	56	43	52	21	44	0.38	-
Tot:										10.43	1.60
Ave:			85	60					57		

DHOK PATHAN

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	67	92	61	48	46	42	24	65	0.44	-
2	88	63	81	61	50	43	43	19	37	0.30	-
3	92	66	90	62	48	27	38	9	67	0.46	-
4	95	71	92	64	50	47	39	25	47	0.43	-
5	88	70	77	65	60	54	63	35	58	0.27	-
6	89	68	87	64	54	53	48	34	110	0.45	-
7	86	66	81	63	56	45	52	19	110	0.38	-
8	92	70	90	66	55	47	39	20	44	0.34	-
9	95	70	92	67	51	49	39	21	63	0.44	-
10	96	74	89	66	52	42	32	15	68	0.52	-
11	99	72	89	67	50	50	33	18	49	0.46	-
12	102	72	92	69	50	42	31	12	29	0.40	-
13	108	76	98	68	57	60	38	38	79	0.54*	0.22
14	98	70	89	61	55	44	43	18	159	0.68	0.08
15	96	66	91	69	53	33	34	9	69	0.68	-
16	104	77	95	70	47	44	25	14	54	0.52	-
17	102	72	93	68	49	34	29	10	74	0.62	-
18	104	72	93	67	44	23	23	5	54	0.63	-
19	106	66	94	64	37	20	18	5	51	0.80	-
20	107	65	92	63	29	30	13	7	56	0.70	-
21	109	69	94	67	42	37	22	9	46	0.62	-
22	114	86	99	68	49	49	24	15	135	0.80	-
23	107	84	90	72	58	52	39	21	118	0.76	-
24	99	76	91	70	53	56	34	28	88	0.56	-
25	96	70	92	67	53	36	33	11	69	0.50	-
26	102	74	94	64	11	9	5	4	75	0.76	-
27	101	62	92	60	15	13	6	4	71	0.75	-
28	100	62	91	60	29	22	13	6	57	0.77	-
29	101	63	92	63	37	21	22	5	43	0.75	-
30	104	67	95	63	45		25		34	0.55	-
31	108	69	95	68	40	39	18	9	28	0.56	-
Tot:										17.44	0.30
Ave:	99	70	91	65					68		

* Estimated evaporation.

DHOK PATHAN

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	111	75	98	67	39	41	16	10	39	0.60	-
2	112	85	98	70	51	44	21	13	54	0.68	-
3	112	83	99	72	55	41	27	11	67	0.68	-
4	107	73	98	70	64	49	55	20	96	0.60*	0.41
5	99	68	97	65	61	54	54	26	59	0.51	0.21
6	98	76	96	70	60	44	42	16	38	0.45	-
7	102	70			50	37	28	10	56	0.51	-
8	105	72			48	45	24	14	31	0.41	-
9	106	72			49	52	26	17	50	0.50	-
10	108	74			58	47	32	13	46	0.65	-
11	110	76			46	40	21	9	43	0.60	-
12	113	83			51	45	21	11	50	0.74	-
13	112	83			47	45	18	11	44	0.71	-
14	112	90			53	40	24	9	117	0.93	-
15	112	76			41	39	17	8	49	0.70	-
16	113	83			50	34	22	6	40	0.65	-
17	120	74			46	37	18	7	40	0.68	-
18	118	80			37	39	12	8	45	0.73	-
19	115	76			33	54	10	20	56	0.76	-
20	113	83			57	57	34	19	88	0.68	-
21	108	88			64	64	33	25	14	0.52	-
22	110	88			63	57	41	17	83	0.73	-
23	109	87	98	75	66	57	43	18	89	0.75	-
24	111	91	99	75	62	59	34	20	55	0.55	-
25	111	90	101	77	73	61	50	22	99	0.71	-
26	109	71	102	72	66	64	63	33	110	0.53*	0.71
27	101	78	100	72	71	61	64	26	52	0.35	-
28	108	82	102	78	67	69	41	55	54	0.50	-
29	94	74	93	74	66	55	47	20	66	0.42*	0.21
30	108	83	103	78	66	62	39	28	27	0.35	-
Tot:										18.18	1.54
Ave:	109	90							59		

Estimated evaporation.

HOK PATHAN

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	106	85	97	81	68	61	45	22	81	0.55	-
2	112	86	104	81	67	64	40	26	44	0.53	-
3	113	92	105	81	74	67	48	34	77	0.70	-
4	114	84	102	77	70	66	51	34	106	0.60	-
5	105	82	99	77	66	71	51	70	74	0.62	-
6	101	72	92	71	68	66	63	39	51	0.17	0.07
7	99	80	95	75	63	56	46	22	43	0.37	-
8	107	81	100	78	71	68	58	42	54	0.53	-
9	105	80	101	77	60	73	46	65	87	0.52	-
10	93	82	99	77	71	71	54	45	82	0.45	-
11	101	83	100	81	77	74	69	78	73	0.48	-
12	100	74	97	76	70	68	67	42	70	0.38	0.37
13	100	80	101	79	74	61	65	26	31	0.38	-
14	107	84	104	80	73	61	52	22	58	0.52	-
15	112	88	103	80	77	64	58	25	50	0.49	-
16	114	90	103	82	71	61	43	22	72	0.67	-
17	114	90	102	82	72	66	45	37	96	0.75	-
18	112	80	104	77	74	71	65	61	61	0.37	0.09
19	116	74	100	76	75	71	79	45	63	0.72	0.85
20	100	78	97	75	68	63	70	33	38	0.26	0.01
21	104	87	96	76	74	65	65	28	20	0.25	-
22	108	79	101	81	87	64	72	26	55	0.58	-
23	105	88	105	80	74	64	55	26	63	0.62	-
24	111	86	102	80	70	64	51	26	49	0.48	-
25	112	89	103	80	73	70	52	51	51	0.50	-
26	112	80	102	78	71	70	74	38	60	0.40	0.06
27			99	78	71	49	51	14	33	0.37	-
28	116	86	101	80	70	44	47	12	56	0.60	-
29	118	88	103	82	70	62	47	25	71	0.64	-
30	116	82	101	75	67	56	52	22	81	0.58	-
31	112	86	99	76	61	57	35	21	52	0.53	-
Tot:										15.61	1.45
Ave:			101	78					61		

DHOK PATHAN

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	84	100	76	65	62	46	25	64	0.56	-
2	106	87	100	77	67	63	40	24	65	0.57	-
3	119	89	103	80	69	64	46	25	59	0.61	-
4	113	91	102	79	70	68	44	29	59	0.60	-
5	111	91	104	82	70	69	44	34	54	0.60	-
6	107	89	103	82	75	69	63	37	64	0.51	-
7	103	77	99	77	78	75	79	63	75	0.37*	1.33
8	93	79	93	77	72	71	68	45	55	0.21	-
9	101	76	98	74	73	73	82	52	68	0.59*	2.05
10	96	79	100	75	78	68	83	36	19	0.24	-
11	100	83	104	79	78	75	69	46	31	0.42	-
12	102	84	104	81	77	69	76	50	44	0.40	-
13	97	80	100	77	71	73	70	54	72	0.38	-
14	95	73	95	73	70	76	86	72	73	0.51	0.71
15	88	75	92	74	78	75	91	50	23	0.20	-
16	96	81	103	80	79	72	76	40	10	0.48	-
17			103	77	68	71	70	67	40	0.43	-
18	85	72	85	73	75	75	91	53	32	0.44	0.95
19	96	78	102	77	71	75	77	65	14	0.25	-
20	90	77	92	77	75	86	75	75	17	0.17	0.06
21	98	81	102	78	71	70	61	41	11	0.37	-
22	102	81	102	78	74	68	65	35	12	0.40	-
23	106	85	103	80	74	73	60	86	17	0.37	-
24	103	75	101	73	74	75	83	55	33	0.33	0.53
25	96	73	98	74	69	70	73	55	26	0.29	0.29
26	90	76	94	75	74	67	83	40		0.18	-
27	100	80	100	78	74	64	71	35		0.27	-
28	102	80	101	77	75	73	79	57	36+	0.40	-
29	92	80	100	76	73	74	75	68	46	0.36	-
30	88	78	97	76	77	75	87	63	34	0.22	-
31	92	81	98	78	76	74	79	52	3	0.09	-
Tot:										11.85	5.92
Ave:			99	77					37		

* Estimated evaporation.
\+ 3 days observation.

DHOK PATHAN

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.N	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	101	79	102	77	75	67	75	33	34	0.38	-
2	102	82	103	78	74	66	68	31	21	0.35	-
3	105	82	102	78	72	55	59	20	36	0.38	-
4	106	84	102	77	71	57	58	21	29	0.44	-
5	108	82	102	77	71	68	61	33	26	0.45	-
6	108	81	102	77	71	65	63	31	21	0.41	-
7	106	82	100	76	61	65	42	32	26	0.42	-
8	106	82	101	77	69	64	58	32	26	0.42	-
9	105	79	100	74	68	66	63	37	74	0.47	-
10	99	81	95	75	70	74	61	86	40	0.36	-
11	90	76	90	75	73	64	78	44	10	0.28	0.38
12	91	77	90	75	73	69	78	42	80	0.30	-
13	102	80	98	76	75	65	71	31	22	0.29	-
14	106	82	98	78	73	66	65	36	32	0.35	-
15	102	81	95	77	75	63	75	30	86	0.48	-
16	104	80	101	76	63	66	53	37	45	0.42	-
17	100	76	98	72	69	61	81	35	57	0.42	0.07
18	97	73	93	70	62	65	58	62	27	0.32	-
19	86	75	80	64	63	68	84	73	61	0.28	0.50
20	80	66	84	66	63	59	88	44	25	0.13	-
21	84	62	90	63	57	50	74	31	22	0.27	-
22	87	60	93	62	56	41	65	20	14	0.26	-
23	90	60	86	61	54	47	60	23	20	0.29	-
24	86	60	88	61	54	35	60	12	19	0.31	-
25	100	61	89	62	52	45	53	17	22	0.32	-
26	102	64	92	62	52	41	50	15	22	0.34	-
27			88	63	55	50	49	22	40	0.39	-
28			92	65	52	53	50	24	19	0.33	-
29	100	68	92	65	57	49	55	21	20	0.32	-
30			91	66	54	56	48	28	38	0.37	-
Tot:										10.55	0.95
Ave:			95	71					34		

DHOK PATHAN

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	98	66	91	65	54	59	48	33	13	0.30	-
2			90	66	53	44	47	18	17	0.31	-
3			91	65	53	59	47	51	39	0.38	-
4	82	67	76	64	62	52	71	28	25	0.16	0.05
5			88	65	57	52	58	32	17	0.27	-
6	87	62	87	63	56	53	61	30	34	0.27	-
7	94	68	89	64	59	59	66	37	41	0.29	-
8	92	66	89	66	60	58	67	35	26	0.26	-
9	94	66	89	67	60	55	63	30	20	0.25	-
10	95	64	88	66	57	58	62	32	26	0.28	-
11	97	64	88	64	54	49	57	21	25	0.32	-
12	100	64	88	62	53	53	53	27	29	0.33	-
13	99	62	89	63	54	49	60	20	20	0.28	-
14	100	62	88	61	50	49	48	21	27	0.30	-
15	100	64	87	62	50	50	48	23	19	0.27	-
16	98	63	87	62	53	46	64	21	28	0.28	-
17	96	64	86	63	49	56	51	32	17	0.24	-
18	94	64	86	61	57	56	74	44	66	0.42	0.19
19	86	55	78	56	55	54	88	41	40	0.17	-
20			81	57	53	41	72	24	15	0.18	-
21	84	62	82	59	50	53	55	53	66	0.32	-
22	76	53	75	53	52	49	81	51	79	0.24	-
23	80	51	77	53	45	56	68	44	38	0.22	-
24	83	50	82	54	45	49	68	30	6	0.20	-
25	86	50	80	53	43	41	63	24	12	0.19	-
26	88	50	78	53	41	40	53	22	8	0.20	-
27	86	48	78	51	43	46	67	27	14	0.20	-
28	87	52	77	51	43	44	58	24	15	0.22	-
29	82	50	78	52	47	46	74	27	11	0.17	-
30	90	51	77	52	45	44	59	28	13	0.19	-
31	88	50	78	52	47	46	74	33	14	0.19	-
Tot:										7.90	0.24
Ave:			84	60					27		

DHOK PATHAN

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	50	74	53	43	46	67	33	14	0.16	-
2	86	51	76	53	47	45	74	27	3	0.17	-
3	90	50	77	52	47	37	80	18	10	0.18	-
4	90	48	77	52	41	42	66	23	17	0.18	-
5	90	47	76	51	41	39	66	19	12	0.20	-
6	94	50	75	50	45	39	79	20	13	0.19	-
7											-
8											-
9	90	50	77	51	43	37	78	19	20+	0.51	-
10	91	48	76	50	42	41	72	21	10	0.17	-
11	90	50	76	51	43	35	67	17	8	0.18	-
12	90	50	75	49	42	39	72	20	7	0.15	-
13	92	51	70	50	43	33	73	20	7	0.20	-
14	92	51	76	50	40	33	52	20	11	0.19	-
15	82	48	75	51	42	33	62	21	6	0.15	-
16	86	47	74	50	38	36	51	20	10	0.16	-
17	86	50	73	50	40	43	52	29	10	0.16	-
18	86	46	72	49	43	40	78	26	8	0.16	-
19	84	46	72	48	37	37	50	23	12	0.16	-
20	87	46	71	48	36	37	58	23	6	0.13	-
21	84	50	70	49	40	42	60	34	6	0.14	-
22	74	52	65	52	55	55	88	73	47	0.13	0.11
23	67	51	65	50	52	55	93	88	36	0.08	-
24	68	50	69	51	49	51	93	62	59	0.16	0.26
25	69	51	69	52	51	52	93	81	26	0.09	-
26	66	48	61	48	50	54	93	60	64	0.06	0.09
27	72	45	69	48	47	51	93	52	16	0.07	-
28	78	44	69	47	43	44	92	42	7	0.07	-
29	74	43	68	46	43	51	92	52	8	0.08	-
30	75	40	67	44	40	52	84	53	13	0.09	-
Tot:										4.37	0.46
Ave:									16		

+ 3 days Observation

DHOK PATHAN

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	40	67	44	37	39	67	33	8	0.10	-
2	81	42	67	44	42	32	74	27	6	0.10	-
3	80	40	64	43	41	52	80	18	3	0.07	-
4	78	43	65	43	37	46	66	23	7	0.09	-
5	74	44	65	46	40	50	66	19	10	0.07	-
6	76	40	65	44	35	41	79	20	5	0.08	-
7	76	42	64	43	41	42			18	0.10	-
8	78	48	66	47	47	49			26	0.09	-
9	66	52	62	51	49	50	78	19	49	0.09	0.13
10	60	50	56	51	49	52	72	21	72	0.06*	0.36
11	59	43	56	45	42	54	67	17	36	0.04	-
12	67	42	63	44	42	52	72	20	12	0.05	-
13	70	40	64	43	40	47	73	20	1	0.06	-
14	68	40	62	43	39	45	52	20	2	0.04	-
15	70	41	62	43	43	49	62	21	11	0.06	-
16	64	45	62	47	46	47	51	20	2	0.05	-
17	61	51	59	49	48	52	52	29	26	0.03	-
18	59	45	55	46	45	51	78	26	5	0.01	-
19	72	46	65	47	45	53	50	23	14	0.07	-
20	70	44	67	47	44	50	58	23	16	0.08	-
21	67	41	64	45	39	51	60	34	17	0.08	-
22	68	40	64	43	41	49	88	73	7	0.07	-
23	67	42	62	44	38	38	93	88	16	0.07	-
24	63	42	59	43	48	52	93	62	24	0.09	0.14
25	56	46	60	48	46	48	93	81	20	0.03	-
26	62	47	61	48	48	51	93	60	25	0.11	0.08
27	56	46	55	49	47	51	93	52	18	0.02	-
28	58	42	63	45	42	47	92	42	17	0.05	-
29	60	35	61	39	35	41	92	52	13	0.08	-
30	62	34	58	38	35	41	84	53	16	0.08	-
31	64	32	58	38	31	40			5	0.06	-
Tot:										2.08	0.71
Ave:	68	43	62	45					16		

Estimated evaporation.

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DOKRI - 1972

Location

Latitude 27°23', Longitude 68°04', Agricultural Farm Dokri near Moenjodaro Railway station and about 23 miles from Larkana by road.

Elevation

150± ft.msl.

Period of record

The station was established by Project Director, Project Planning Southern Zone (old L.I.P) on 16.10.1964 and taken over by Surface Water Hydrology Project in December, 1965.

Instruments

5" Non-recording rain gauge.
U.S. Universal weighing type recording rain gauge.
Maximum and minimum air temperature thermometer.
Maximum and minimum pan water temperature thermometer.
Wet and dry bulb thermometer.
U.S. Weather Sureau Standard Evaporation pan.
Anemometer.

Annual figures

Precipitation	0.82 inches
Evaporation	102.16
Absolute Maximum air temperature	120°F
Absolute Minimum air temperature	34°F

Remarks

Annual figures or calculated by estimating the days for which record was missing or not observed.

Observations of precipitation, pan evaporation, ma-ximum and minimum temperatures and wind traval are taken at 0800 hours and stand for 24 hour period proceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry bulb temperatures observed twice a day at 0800 and 1700 hour on the date shown.
Blank space indicates no record.
(-) Indicates no precipitation.

DOKRI

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	75	50	73	50	45	49	63	43	23	0.15	-
2	76	48	74	48	41	42	53	34	14	0.10	-
3	74	48	72	49	45	38	63	27	12	0.10	-
4	75	47	73	48	46	39	64	32	12	0.10	-
5	72	44	70	45	43	42	63	36	11	0.10	-
6	72	43	71	44	35	46	49	43	13	0.11	-
7	72	41	71	42	29	44	38	42	15	0.12	-
8	70	42	68	44	27	47	33	44	10	0.10	-
9	72	46	69	46	29	42	38	36	20	0.17	-
10	74	42	73	45	31	43	42	37	19	0.13	-
11	74	42	73	44	29	39	38	30	17	0.11	-
12	74	45	72	44	41	49	61	51	15	0.13	-
13	70	50	68	50	37	34	54	24	15	0.08	-
14	76	43	74	45	41	42	77	36	16	0.12	-
15	72	45	72	45	38	50	60	48	15	0.11	-
16	72	46	71	46	43	50	78	48	25	0.14	-
17	73	50	72	49	41	45	61	38	14	0.11	-
18	74	48	73	48	41	45	66	40	16	0.13	-
19	73	50	72	48	42	43	67	39	15	0.12	-
20	72	46	71	46	33	47	47	47	22	0.13	-
21	70	45	69	45	36	48	58	47	19	0.12	-
22	71	46	70	45	42	44	72	42	21	0.14	-
23	70	45	70	45	41	43	71	37	14	0.12	-
24	73	44	72	44	35	48	49	47	12	0.10	-
25	70	50	69	50	40	44	56	42	15	0.11	-
26	70	46	70	47	41	48	61	47	12	0.10	-
27											-
28											-
29	75	48	74	50	43	50	63	46	41+	0.30+	-
30	76	56	77	56	54	55	88	77	21	0.14	0.04
31	64	57	67	57	57	53	94	76	33	0.04*	0.14
Tot:										3.53	0.18
Ave:									18		

\+ 3 days observation.
* Estimated evaporation.

DOKRI

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	62	46	63	46	41	52	71	81	21	0.10	0.20
2	60	48	62	49	46	49	85	70	20	0.10	0.05
3	60	43	62	45	32	47	38	49	11	0.10	-
4	68	46	72	48	43	47	73	61	13	0.09	-
5	63	42	64	43	39	41	70	46	15	0.06	-
6	64	40	68	41	33	44	56	48	13	0.10	-
7	66	40	68	41	36	39	69	34	22	0.13	-
8	70	39	72	41	26	42	38	36	18	0.12	-
9	72	40	74	42	29	45	45	38	13	0.13	-
10	74	44	74	45	35	48	49	40	38	0.18	-
11	77	48	77	49	41	35	53	32	36	0.17	-
12	68	35	71	37	10	39	20	34	44	0.24	-
13	70	36	71	38	36	42	58	36	22	0.14	-
14	72	35	73	37	41	54	71	60	18	0.11	-
15	70	43	72	44	40	38	65	38	20	0.13	-
16	67	40	71	43	36	47	63	49	19	0.15	-
17	68	43	72	45	41	45	71	40	16	0.12	-
18	72	44	73	45	40	45	65	36	17	0.15	-
19	75	44			42	38	67	26	19	0.14	-
20	77	48	78	50	43	59	63	57	26	0.15	-
21	80	49	81	51	46	61	74	51	13	0.13	-
22	82	50	82	51	48	48	75	32	28	0.22	-
23	84	46	83	47	41	37	61	23	24	0.20	-
24	80	44	82	46	38	39	51	32	28	0.18	-
25	72	34	74	38	22	41	32	41	15	0.15	-
26	68	34	75	40	25	50	35	55	26	0.25	-
27	70	40	73	43	38	52	51	53	19	0.16	-
28	74	42	76	45	34	56	44	61	17	0.15	-
29	73	43	76	44	38	36	51	25	26	0.21	-
Tot:										4.26	0.25
Ave:	71	42							21		

DOKRI

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	76	44	78	46	38	40	51	27	19	0.19	-
2	78	46	79	45	50	39	76	24	26	0.25	-
3	82	50	81	52	50	26	76	12	26	0.25	-
4	86	54	84	55	51	45	66	27	21	0.16	0.01
5	82	48	83	50	44	52	48	38	32	0.25	-
6	82	52	82	53	44	53	48	38	20	0.18	-
7	82	54	81	56	51	58	66	50	27	0.20	-
8	80	54	77	56	50	55	62	39	18	0.10	0.04
9	84	55	85	56	51	60	59	48	31	0.21	-
10	83	58	82	59	56	59	61	44	20	0.20	-
11	86	58	88	60	56	67	61	73	26	0.24	-
12	78	58	79	58	58	39	66	23	21	0.16	-
13	84	50	87	51	44	47	55	31	25	0.24	-
14	82	55	85	54	53	50	72	33	20	0.20	-
15	85	57	88	58	50	57	48	40	22	0.21	-
16	88	60	88	62	59	59	62	37	30	0.24	-
17	90	62	91	64	58	61	70	40	21	0.21	-
18	90	66	91	64	57	61	55	42	20	0.20	-
19	91	65	92	64	59	59	62	37	47	0.47	-
20	90	64	91	65	58	60	66	42	45	0.45	-
21	88	62	89	63	60	61	70	40	43	0.43	-
22	92	64	93	64	62	58	71	32	21	0.21	-
23	96	64	95	65	62	55	71	25	22	0.26	-
24	100	64	96	66	61	48	67	17	21	0.28	-
25	102	64	100	64	63	63	72	21	37	0.28	-
26	102	65	100	66	64	49	72	19	30	0.30	-
27	102	64	100	64	64	54	72	21	26	0.26	-
28	102	66	100	65	63	63	64	36	28	0.28	-
29	96	66	95	64	63	58	64	32	37	0.37	-
30	94	62	92	63	51	59	49	31	28	0.29	-
31	95	56	93	58	51	54	49	26	22	0.30	-
Tot:										7.96	0.05
Ave:	89	58	89	59					27		

DOKRI

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	58	93	58	50	58	43	32	21	0.29	-
2	94	58	93	59	50	59	47	33	30	0.30	-
3	95	59	94	60	57	59	55	31	37	0.37	-
4	100	60	96	60	61	60	63	34	39	0.39	-
5	96	60	94	61	59	59	55	36	35	0.35	-
6	94	61	94	62	61	56	63	29	30	0.30	-
7	96	60	95	62	61	59	63	34	32	0.32	-
8	94	61	-	-	64	60	72	34	36	0.36	-
9	96	62	95	63	61	61	60	39	38	0.38	-
10	92	62	93	63	57	61	55	36	25	0.28	-
11	94	62	93	62	61	64	63	40	36	0.38	-
12	96	64	95	63	63	64	64	35	26	0.34	-
13	100	66	98	65	67	63	73	30	36	0.39	-
14	104	68	99	67	64	64	59	32	29	0.35	-
15	104	68	100	67	65	62	65	31	63	0.46	-
16	100	72	99	69	65	66	56	51	38	0.32	-
17	94	68	93	65	61	63	63	43	58	0.29	-
18	95	66	94	65	55	63	49	36	45	0.32	-
19	98	71	96	67	59	61	46	35	21	0.27	-
20	97	70	95	67	61	56	51	28	29	0.35	-
21	98	72	96	69	56	67	44	60	33	0.33	-
22	86	72	80	69	62	64	58	59	20	0.18	-
23	84	68	81	67	64	61	59	39	24	0.16	-
24	92	66	94	67	65	63	65	36	45	0.30	0.02
25	98	72	96	70	64	63	59	30	40	0.40	-
26	103	76	99	70	63	66	50	36	66	0.50	-
27	100	76	92	69	63	61	53	32	124	0.52	-
28	100	66	94	64	62	59	58	28	99	0.60	-
29	100	64	98	64	62	62	58	31	32	0.37	-
30	102	66	96	65	59	67	57	34	35	0.38	-
Tot:										10.55	0.02
Ave:	97	66							41		

DOKRI

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	103	74	96	67	62	69	58	32	33	0.36	-
2	110	74	98	65	56	70	44	31	49	0.40	-
3	112	76	100	74	53	73	38	32	44	0.34	-
4	114	76	98	70	64	70	53	31	173	0.38	-
5	112	78	96	72	68	69	63	31	54	0.54	-
6	110	76	94	70	61	72	47	33	66	0.50	-
7	112	78	96	70	70	69	67	31	76	0.65	-
8	110	74	96	68	62	74	37	39	60	0.60	-
9	106	76	98	68	63	73	36	40	55	0.55	-
10	104	74	100	70	60	76	34	41	45	0.40	-
11	108	78	99	72	69	78	50	39	45	0.45	-
12	110	78	101	72	66	77	43	36	54	0.54	-
13	114	80	96	70	65	71	44	34	88	0.72	-
14	110	75	100	70	65	69	44	32	52	0.51	-
15	106	78	97	72	68	68	58	29	32	0.40	-
16	110	79	98	71	69	70	50	31	69	0.60	-
17	111	80	99	75	73	74	57	33	36	0.42	-
18	112	80	101	75	69	68	50	25	36	0.46	-
19	116	76	103	73	69	67	58	23	32	0.51	-
20	116	76	103	73	69	66	50	21	44	0.52	-
21	120	84	104	73	69	69	42	25	71	0.70	-
22	118	85	101	74	67	68	41	25	120	0.80	-
23	114	82	101	75	70	68	47	29	77	0.65	-
24	110	80	100	70	67	65	49	28	43	0.53	-
25	106	72	97	67	60	60	42	24	47	0.50	-
26	106	66	98	64	48	64	28	26	30	0.42	-
27	108	70	99	65	51	66	30	29	35	0.45	-
28	108	66	99	64	61	64	47	26	35	0.46	-
29	108	70	97	65	70	68	67	29	49	0.50	-
30	108	74	101	70	74	70	68	31	46	0.42	-
31	110	82	102	75	76	69	63	28	68	0.53	-
Tot:										15.81	0.00
Ave:	110	76	99	70					57		

DOKRI

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	112	80	101	75	73	66	62	27	79	0.55	-
2	110	82	102	74	74	71	68	34	106	0.62	-
3	111	82	100	74	76	72	63	35	109	0.64	-
4	110	79	103	75	71	71	51	30	71	0.50	-
5	112	84	103	77	76	68	63	25	48	0.48	-
6											-
7											-
8											-
9	114	80	102	75	73	69	62	28		1.95+	-
10	112	81	101	75	69	70	50	27	28	0.45	-
11	114	82	102	75	76	68	63	25	69	0.65	-
12	114	82	105	77	77	71	69	30	107	0.53	-
13	113	82	105	78	77	73	76	30	95	0.50	-
14	112	82	106	76	76	70	63	27	111	0.54	-
15	114	81	104	76	73	73	62	28	88	0.52	-
16	116	82	106	76	76	73	63	32	97	0.56	-
17	114	81	107	76	74	77	60	36	86	0.54	-
18	114	84	107	78	75	77	57	35	97	0.56	-
19	116	84	107	79	78	77	64	36	72	0.54	-
20	113	84	105	78	79	76	70	37	109	0.60	-
21	110	83	106	79	79	74	70	35	75	0.46	-
22	110	82	105	76	76	75	63	34	105	0.55	-
23	114	82	100	76	76	81	63	43	110	0.62	-
24	110	86	103	78	78	86	64	49	109	0.60	-
25	110	86	101	78	81	82	70	47	159	0.68	-
26	108	85	101	78	80	82	70	42	121	0.65	-
27	115	86	103	79	76	79	63	46	120	0.60	-
28	106	84	104	80	77	78	69	46	42	0.35	-
29	106	82	101	78	77	79	76	46	58	0.34	0.24
30	104	85	101	81	79	82	70	51	43	0.38	-
Tot:										15.96	0.24
Ave:											

+ 4 days observation.

DOKRI

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	86	105	82	79	79	67	46	47	0.46	-
2	106	84	105	81	80	78	76	42	51	0.40	0.03
3	108	84	106	81	80	79	76	46	72	0.32	-
4	106	84	102	78	75	78	57	42	119	0.46	-
5	108	84	106	78	77	76	63	38	128	0.51	-
6	108	83	106	79	76	74	60	35	62	0.52	-
7	110	83	108	78	76	82	63	47	54	0.50	-
8	108	86	106	80	79	75	70	38	43	0.43	-
9	108	83	108	80	77	83	67	56	50	0.50	-
10	104	86	104	83	79	79	67	46	35	0.32	-
11	106	84	102	79	79	77	70	40	111	0.50	-
12	108	83	104	80	79	81	70	43	42	0.42	-
13	110	86	106	81	78	80	67	50	102	0.55	-
14	104	84	104	80	79	78	70	44	53	0.38	-
15	106	83	105	78	79	79	80	46	100	0.45	-
16	106	84	106	80	80	77	76	42	74	0.42	-
17	107	83	105	76	79	76	70	41	94	0.45	-
18	106	84	104	78	80	79	76	46	66	0.42	-
19	106	84	105	80	79	79	70	48	60	0.36	-
20	104	83	104	78	80	80	76	50	80	0.38	-
21	104	84	103	80	79	81	70	53	115	0.50	-
22	104	83	103	78	77	83	67	53	69	0.44	-
23	105	84	102	80	79	78	70	44	96	0.45	-
24	106	83	103	78	78	79	73	46	101	0.50	-
25	106	84	104	79	79	82	73	47	83	0.46	-
26	108	85	106	80	79	79	70	44	87	0.48	-
27	107	83	105	79	79	80	70	45	80	0.35	-
28	108	84	106	80	78	82	67	47	40	0.38	-
29	108	85	105	81	79	79	70	52	55	0.50	-
30	106	84	105	79	80	79	76	50	116	0.40	-
31	104	83	102	78	78	77	73	45	78	0.43	-
Tot:										13.64	0.03
Ave:	106	84	105	79					76		

DOKRI

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	103	82	103	77	75	79	69	52	80	0.35	-
2	102	82	102	78	80	77	72	45	75	0.34	-
3	104	82	104	77	80	79	75	48	91	0.43	-
4	104	82	104	76	75	78	68	49	112	0.46	-
5	102	81	101	77	77	79	72	50	83	0.35	-
6	102	82	102	77	76	78	72	49	99	0.42	-
7	102	82	102	78	76	77	79	47	74	0.38	-
8	103	82	103	79	79	78	76	49	65	0.35	-
9	102	83	104	80	77	81	79	55	65	0.35	-
10	102	84	105	80	79	82	76	58	41	0.28	-
11	101	82	104	77	79	78	75	52	53	0.31	-
12	100	80	100	76	79	75	68	43	53	0.30	-
13	102	77	103	74	78	82	74	58	69	0.34	-
14	101	77	104	75	79	80	78	54	57	0.32	-
15	100	79			79	85	75	63	24	0.25	-
16	101	84	105	78	80	84	76	63	14	0.26	-
17	102	81	108	79	79	83	75	56	44	0.21	-
18	116	80	108	77	80	84	79	63	52	0.35	-
19	99	82	104	77	79	83	75	56	31	0.25	-
20	103	78	104	75	80	83	75	58	22	0.35	-
21	102	82	102	98	79	85	79	58	26	0.30	-
22	102	82	105	80	77	82	76	58	24	0.28	-
23	116	81	110	78	79	85	74	54	21	0.40	-
24	115	83	109	78	78	83	79	56	40	0.37	-
25	116	82	109	78	79		75		50	0.39	-
26	112	79	113	76	79	85	74	56	25	0.35	-
27			103	82	79	68	74	36	15	0.30	-
28	101	73	107	70	78	68	73	38	11	0.45	-
29	99	71	99	71	79	66	67	38	8	0.28	-
30	100	72	100	69	80	81	73	59	16	0.25	-
31	99	72	101	71	78	79	65	54	8	0.28	-
Tot:										10.25	0.00
Ave:									46		

DOKBI

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	74	100	70	68		77		13	0.23	-
2	100	76	103	72	73	80	71	50	16	0.25	-
3	103	76	104	71	68	83	77	53	41	0.30	-
4			102	72	70	79	81	54	51	0.30	-
5	100	76	104	73	71	79	86	54	42	0.30	-
6	101	75	103	72	70	84	86	60	39	0.35	-
7	102	76	105	71	70	80	81	54	45	0.25	-
8	100	74	103	72	66	77	69	54	20	0.38	-
9	104	77	106	75	69	79	77	54	40	0.28	-
10	99	73	102	71	68	80	77	57	30	0.20	-
11	98	73	100	70	67	81	77	59	40	0.22	-
12	100	74	102	71	69	84	77	63	45	0.32	-
13	101	75	105	72	71	84	78	60	15	0.35	-
14	103	76	106	73	72	85	78	61	5	0.15	-
15	101	75	101	72	67	78	77	52	10	0.21	-
16	98	74	100	70	65	82	69	60	15	0.28	-
17	98	76	103	75	70	77	81	54	8	0.13	-
18	97	76	101	74	66	79	69	59	7	0.11	-
19			100	76	70	68	81	45	10	0.12	-
20	92	75	98	72	70	67	81	47	11	0.19	-
21	94	71	96	68	63	70	75	53	18	0.29	-
22	94	69	97	67	60	69	70	50	12	0.20	-
23	93	66	97	66	56	68	61	50	11	0.18	-
24	92	67	95	66	63	71	68	51	15	0.13	-
25	93	68	96	63	54	73	60	50	18	0.28	-
26	96	67	98	63	54	77	60	58	50	0.32	-
27	96	65	98	63	54	75	60	55	10	0.31	-
28	94	66	97	62	61	75	79	57	10	0.16	-
29	92	72	98	68	66	76	80	53	12	0.18	-
30	96	72	100	70	64	77	72	58	19	0.23	-
Tot:										7.10	0.00
Ave:			101	70					23		

DOKRI

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	96	72	100	69	69	75	90	57	12	0.19	-
2	94	72	99	68	70	76	81	53	12	0.20	-
3	96	72	101	70	66	74	80	52	15	0.20	-
4	95	68	101	70	68		81		16	0.21	-
5			97	67	64	71	76	51	22	0.18	-
6	95	70	96	67	62	71	71	51	14	0.23	-
7	93	68	95	68	66	71	80	51	13	0.20	-
8	94	67	97	67	64	72	85	54	10	0.18	-
9	94	64	98	64	59	71	79	51	12	0.20	-
10	92	66	95	66	62	70	84	51	18	0.16	-
11	93	66	96	66	61	71	79	51	15	0.22	-
12	94	67	98	66	64	70	85	48	15	0.19	-
13	94	67	96	64	65	67	89	43	9	0.10	-
14	95	65	97	64	60	70	70	47	9	0.09	-
15	96	67	98	64	63	69	80	46	9	0.11	-
16	96	66	97	65	62	68	75	45	8	0.08	-
17	95	65	96	65	63	70	84	47	7	0.07	-
18	96	66	97	65	62	69	75	46	13	0.13	-
19	95	66	95	65	61	73	71	57	20	0.20	-
20	92	66	93	65	62	74	75	60	15	0.23	-
21	92	68	91	66	63	73	75	62	20	0.20	-
22	90	66	91	64	61	72	71	68	28	0.28	-
23	86	63	87	63	56	70	61	61	11	0.23	-
24	87	62	88	62	57	75	65	75	14	0.15	-
25	88	64	89	63	60	73	70	71	13	0.22	-
26	86	63	88	63	59	71	74	64	9	0.16	-
27	86	62	87	62	58	68	70	58	14	0.15	-
28	87	62	87	61	59	68	66	55	12	0.18	-
29	88	61	88	61	56	66	61	51	12	0.17	-
30	89	58	87	58	54	70	60	61	16	0.18	-
31	88	61	87	60	56	72	61	65	11	0.15	-
Tot:										5.44	0.00
Ave:			94	65					14		

DOKRI

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	88	62	87	62	60	74	70	68	11	0.16	-
2	89	64	91	63	63	70	75	55	9	0.19	-
3	90	62	89	62	60	71	70	56	11	0.16	-
4	92	63	91	62	61	70	71	55	9	0.15	-
5	90	62	90	62	63	70	80	55	10	0.15	-
6	90	62	90	61	60	68	70	50	8	0.14	-
7	91	61	88	60	61	70	71	55	12	0.18	-
8											
9	91	60	90	60	60	66	70	47	13+	0.26+	-
10	92	58	90	59	60	69	70	58	11	0.16	-
11	88	60	87	59	59	70	74	61	7	0.13	-
12	87	60	86	60	49	67	36	57	8	0.15	-
13	86	59	86	60	50	68	37	58	8	0.13	-
14	87	60	86	60	48	67	33	54	9	0.12	-
15	88	61	87	60	59	65	74	53	9	0.14	-
16	86	62	87	61	58	68	70	55	10	0.15	-
17	88	63	87	62	60	67	70	60	11	0.16	-
18	86	62	86	61	59	67	70	54	9	0.15	-
19	87	63	86	62	61	65	79	53	8	0.16	-
20	86	62	87	61	60	64	70	48	12	0.22	-
21	88	62	86	62	59	64	74	72	11	0.13	-
22	76	58	75	58	55	56	69	44	15	0.10	-
23	80	57	81	56	53	55	64	49	16	0.16	-
24	78	56	80	56	51	48	62	40	20	0.10	-
25	76	54	78	54	53	50	68	43	19	0.11	-
26	76	52	78	52	55	56	69	52	21	0.16	-
27	76	52	78	52	47	57	49	53	11	0.11	-
28	78	53	77	53	52	59	81	57	11	0.10	-
29	79	54	78	53	53	58	76	56	16	0.13	-
30	78	53	77	52	53	54	76	43	16	0.13	-
Tot:										4.29	0.00
Ave:									11		

+ 2 days observation.

DOKRI

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	53	79	53	49	51	66	41	14	0.12	-
2	80	52	79	53	52	53	87	47	10	0.11	-
3	78	52	77	53	51	51	81	41	12	0.12	-
4	80	52	79	53	50	55	81	51	13	0.14	-
5	78	52	76	52	50	56	76	52	14	0.12	-
6	79	53	78	52	48	53	65	47	12	0 10	-
7	78	52	77	50	52	50	81	46	14	0.12	-
8	76	50	75	50	48	49	70	43	11	0.11	-
9	77	49	76	48	46	43	64	32	12	0.12	-
10	76	48	75	48	41	52	53	44	13	0.11	-
11	77	50	76	50	42	46	54	34	14	0.12	-
12	79	48	78	47	41	43	53	32	13	0.10	-
13	76	48	74	48	44	47	55	37	10	0.10	-
14	77	50	75	50	44	53	55	47	12	0.11	-
15	76	52	74	51	50	54	76	54	7	0.07	-
16	74	52	73	52	46	62	56	71	12	0.12	-
17	75	56	74	55	48	57	65	78	20	0.13	-
18	66	56	63	54	52	49	81	51	8	0.02*	0.05
19	70	53	72	53	53	50	76	46	12	0.10	-
20	74	54	75	53	53	53	76	47	13	0.10	-
21	76	52	74	53	48	50	65	43	12	0.09	-
22	76	52	75	53	46	54	56	48	14	0.13	-
23	77	54	76	54	49	51	58	47	16	0.13	-
24	75	52	76	53	48	54	65	57	13	0.11	-
25	72	53	73	53	49	59	61	79	13	0.10	-
26	70	54	71	56	54	55	88	69	11	0.08	-
27	70	48	72	49	46	53	64	68	15	0.13	-
28	68	42	72	44	35	50	49	62	18	0.18	-
29	66	38	66	39	29	47	38	57	18	0.12	-
30	66	38	66	40	35	46	49	56	10	0.08	-
31	64	37	63	38	38	55	51	69	8	0.08	-
Tot:										3.37	0.05
Ave:	74	50	74	50					13		

* Estimated evaporation.

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DUKI - 1972

Location	Latitude 30°11', Longitude 68°34', in the rest house of Irrigation and power Department.
Elevation	3,560 ± ft.msl.
Period of record	Non-recording gauge since 1964, other instruments installed on 22.11.1969: station being operated by Surface Water Hydrology Project. Site closed on 20.6.1971, and restarted on 19.11.72.
Instruments	5" Non-recording rain gauge. Maximum and minimum air temperature thermomster. Wet and dry bulb thermometers. U.S. Weather Bureau Standard evaporation pan.
Annual figures	Data incomplete.
Remarks	Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

DUKI

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19	77	50			44	47	85	40		0.13	-
20	78	50			43		74			0.20	-
21	77	51			46	52	80	77		0.21	-
22	66	42				55		78		0.14	0.20
23	69	41				51		77		0.10	-
24	72	39				45		57		0.12	-
25					36	35	83	41		0.12	-
26	66	37			29	47	66	86		0.13	-
27					39	49	84	63		0.15	-
28	69	39			40		100			0.16	-
29	68	36			36	59	83	89		0.19	-
30	67	37			37	58	91	94		0.20	-
Tot:											
Ave											

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	70	39				55		78		0.17	-
2					35	42	76	55		0.16	-
3	69	40			35	50	83	87		0.20	-
4	71	40				42		49		0.16	-
5	68	42			37	39	84	40		0.16	-
6	71	40			38	47	91	58		0.16	-
7					38	47	77	70		0.16	-
8	70	40				51		82		0.17	0.05
9	60	32			34	43	82	60		0.16	-
10	60	34			33	38	90	77		0.16	-
11	62	34			29	48	80	81		0.16	-
12	60	33			33	24	90	56		0.12	-
13	61	31			28	51	73	68		0.13	-
14	69	32			29	32	80	81		0.13	-
15	60	30			21	32	60	81		0.13	-
16	69	33			37		84			0.10*	-
17					37	46	84	86		0.06	0.25
18	54	40				47		81		0.06	0.06
19	59	39			34	47	82	81		0.08	-
20	61	36			30	46	74	80		0.08	-
21	60	38				46		75		0.08	0.10
22	60	37			32		81			0.08	-
23	60	37			42	44	100	85		0.08	-
24	54	42			37	44	84	74		0.05*	0.20
25	60	36			31	42	81	73		0.10	-
26	60	36			31	42	81	73		0.09	-
27	57	36				35		69		0.03*	0.55
28	57	34			29		80			0.06	0.12
29					22	36	77	76		0.09	-
30	49	28								0.07	-
31	54	29			19	42	67	73		0.09	-
Tot:										3.53	1.33
Ave:											

* Estimated evaporation.

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FORT LOCKHART - 1972

Location	Latitude 33°33', Longitude 70°55', In the premises of School near Rest House.
Elevation	6,500 ± ft.msl.
Period of record	Rainfall data since September 1962, observatory established in April 1970 by Surface Water Hydrology Project WAPDA.
Instruments	5" Non-recording rain gauge. Maximum and Minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan.
Annual figures	Precipitation Incomplete Evaporation Incomplete Absolute Maximum air temperatures 90°F Absolute Minimum air temperature 22°F
Remarks	Observations of precipitation, pan evaporation, maximum and minimum temperatures, are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

FORT LOCKHART

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1											
2	49	37			38	22	77	35		0.24+	-
3	49	35			35	3	69	15		0.11	-
4	48	34								0.12	-
5	47	33			30	3	74	19		0.11	-
6	46	32								0.10	-
7	48	33								0.14	-
8	50	34								0.19	-
9	49	34								0.16	-
10	48	34								0.14	-
11	49	36			11	11	29	24		0.13	-
12	47	35			22	22	49	41		0.11	-
13	48	35			24	25	56	71		0.09	-
14	46	31			25	23	57	55		0.08	0.03
15	45	30			21	16	44	40		0.07	-
16	44	32			22	12	49	27		0.19	-
17	44	34			24	29	56	55		0.18	-
18	46	34			25	28	27	50		0.23	-
19	48	35			30	32	74	62		0.21	0.02
20	44	34			34	33	100	100		0.10*	0.14
21	34	28			31	28	100	100		0.05*	0.50
22	33	26			27	27	89	80		0.02*	0.70
23	37	30			21	25	54	57		0.20	-
24	39	31			26	22	64	41		0.19	-
25	44	36				25		57		0.14	-
26					22	19	61	43		0.15	-
27	46	34			25	27	63	54		0.17	-
28	48	34			28	28	73	59		0.19	-
29					31	31	90	90		0.10*	0.55
30	51	34			30	33	90	100		0.08*	0.48
31	53	33			31	31	90	74		0.04	0.19
Tot:										4.03	2.61
Ave:											

\+ 2 days observation.
* estimated evaporation.

FORT LOCKHART

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	54	31			30	33	80	75		0.17	0.03
2	45	30			24	22	70	49		0.19	-
3	40	29			25	31	79	81		0.16	-
4	36	26			28	30	100	80		0.14	-
5	37	24			24	21	88	54		0.13	-
6	36	25			22	21	68	54		0.19	-
7	36	26			22	13	61	31		0.21	-
8	42	30			24	22	56	41		0.27	-
9	47	34			31	33	74	63		0.18	-
10	45	36			27	35	65	76		0.19	-
11	43	32			27	31	80	90		0.17	0.05
12	43	28			24	27	78	89			0.09
13	41	22			25	22	100	68			0.14
14	40	23			19	23	66	62			0.19
15	39	24			17	23	57	62		0.18	-
16	39	23			15	11	49	31		0.19	-
17	38	24			28	29	89	73		0.14	-
18	39	26			23	28	62	59		0.18	-
19	41	27			19	27	47	54		0.20	-
20	43	28			28	35	73	76		0.25	-
21	44	26			31	35	90	83		0.06	0.09
22	46	28			23	25	69	57		0.08	0.20
23	45	25			25	35	79	83		0.19	-
24	47	24			24	26	78	53		0.21	-
25	48	26			15	17	49	34		0.19	-
26	45	28			20	22	53	45		0.17	-
27	43	25			21	27	54	49		0.18	-
28	45	26			5	14	24	29		0.23	-
29	45	29			5	20	21	33		0.19	-
Tot:											0.79
Ave:	42	27									

FORT LOCKHART

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	49	31			9	21	23	29		0.20	-
2					13	19	23	23		0.24	-
3					20	29	33	40		0.22	-
4	53	36			33	37	82	71		0.17	0.02
5	47	34			28	32	59	57		0.06	-
6	46	35			29	35	60	59		0.09	-
7					34	38	75	71		0.10*	0.07
8	47	31			36	35	91	69		0.31	0.66
9	47	33			31	32	74	62		0.07	-
10	47	35			34	36	82	76		0.06	-
11	48	38			37	32	91	62		0.13	0.25
12	48	39			39	33	100	69		0.07*	1.00
13	47	37			31	31	61	52		0.08*	-
14	48	34			19	29	31	36		0.18	-
15	55	47			20	25	33	31		0.21	-
16					32	37	68	60		0.07	0.08
17	52	42			37	41	65	58		0.17	-
18					28	37	45	56		0.19	-
19	52	41			36	39	70	67		0.02	0.07
20	52	37			32	38	57	66		0.17	0.05
21	52	42			39	41	72	58		0.16	0.10
22	55	46			34	41	54	51		0.21	-
23	59	49			37	44	52	49		0.23	-
24	63	50			38	42	49	40		0.27	-
25	67	56			42	51	55	60		0.29	-
26					48	51	81	72		0.29	0.25
27	62	48			48	48	87	66		0.20*	0.47
28	59	50			41	42	58	52		0.20	0.03
29	59	46			37	38	60	46		0.28	0.27
30					31	34	41	35		0.23	-
31					27	31	35	28		0.27	-
Tot:										5.44	4.02
Ave:											

* Estimated evaporation.

FORT LOCKHART

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1					25	49	31	55		0.30	-
2					31	34	41	35		0.31	-
3	62	51			34	35	46	38		0.34	-
4					34	38	54	53		0.29	0.08
5	55	44			36	34	64	46		0.13	0.21
6	55	46			34	35	58	44		0.22	-
7	58	48			39	41	72	54		0.19	0.15
8	57	46			39	43	67	60		0.21	-
9	57	43			33	38	49	46		0.13*	1.30
10					27	29	38	29		0.23	-
11					41	46	58	54		0.25	-
12	63	54			23	36	23	30		0.30	-
13					34	44	33	37		0.28	-
14					43	52	60	61		0.39	-
15	66	49			45	56	69	79		0.41	0.03
16	63	47			45	54	75	78		0.16	0.25
17					43	49	74	71		0.16*	0.75
18	58	46			34	41	54	54		0.26	0.04
19					45	49	86	81		0.17	0.02
20	59	44			43	47	79	65		0.18	-
21	58	47			38	46	57	57		0.19	-
22	61	48			34	41	43	45		0.21	-
23	63	51			34	41	40	42		0.34	-
24	65	53			35	44	41	44		0.35	-
25	67	59			37	39	37	34		0.40	-
26	69	59			40	49	44	59		0.42	-
27	66	54			51	56	82	94		0.28	0.19
28	64	47			45	48	86	93		0.20*	1.80
29	54	44			37	47	52	75		0.17	0.28
30	59	46			47	52	75	82		0.23	0.08
Tot:										7.70	5.18
Ave:											

* Estimated evaporation.

FORT LOCKHART

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	61	47			49	52	76	73		0.27	-
2	62	48			52	44	87	49		0.23	-
3	63	52			43	49	60	59		0.29	-
4	64	57			42	51	55	72		0.33	-
5	62	53			42	51	63	87		0.30	0.45
6	61	46			42	47	79	86		0.31	0.52
7	61	47			41	54	54	83		0.23	-
8	60	46			45	46	57	51		0.30	0.40
9					56	57	88	74		0.30	-
10	65	58			59	60	89	75		0.31	-
11	70	60			61	63	89	76		0.32	-
12	71	64			62	65	84	77		0.32	-
13					57	58	94	74		0.38	-
14	75	57			57	60	94	75		0.41	-
15	78	52			57	58	89	71		0.47	-
16	72	60			47	51	58	54		0.40	-
17	70	62			51	55	57	52		0.43	-
18	73	60			41	46	37	35		0.42	-
19	75	58			67	67	90	70		0.44	-
20	78	70			65	70	73	74		0.46	-
21	79	65			63	66	76	66		0.45	-
22	78	62			59	65	71	73		0.50	-
23	74	59			50	50	53	47		0.55	0.14
24	71	61			52	52	61	51		0.39	-
25	71	62			44	47	49	46		0.42	-
26	70	62			31	43	31	41		0.44	-
27	69	62			56	57	79	66		0.45	-
28	70	61			55	56	78	66		0.46	-
29	70	60			55	53	83	61		0.43	-
30	73	60			53	53	73	58		0.51	-
31	73	61			54	56	69	59		0.53	-
Tot:										12.04	1.51
Ave:											

FORT LOCKHART

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	60			56	58	70	63		0.46	-
2	78	60			59	62	75	68		0.43	-
3	79	63			57	64	66	65		0.40	-
4	77	57			55	56	69	59		0.37	-
5	76	54			49	52	63	57		0.45	0.16
6	72	55			46	49	51	50		0.31	-
7	70	56			42	46	38	35		0.24	0.25
8	75	62			48	48	47	47		0.37	-
9					53	58	52	51		0.43	-
10	77	64			56	61	53	53		0.45	-
11	80	68			56	62	50	50		0.52	-
12	82	71			55	57	47	41		0.55	-
13	83	66			51	55	42	43		0.51	-
14	82	60			47	52	38	35		0.56	0.19
15	84	71			59	64	54	51		0.56	-
16	86	73			58	61	49	41		0.66	-
17	88	74			55	54	43	23		0.69	-
18											
19	90	74			49	14	37	8		1.05+	-
20	84	68			64	61	62	48		0.51	-
21					58	62	60	55		0.47	-
22	82	68			58	62	49	55		0.48	-
23	82	65			58	63	51	59		0.49	-
24	81	62			59	64	57	65		0.48	0.16
25	81	58			57	63	60	72		0.46	0.19
26	81	55			57	60	63	71		0.26*	1.08
27	72	59			56	59	66	71		0.30	0.15
28	73	60			57	60	66	67		0.29	0.03
29	74	62			56	60	59	67		0.28	0.04
30	74	60			55	59	59	56		0.28	0.11
Tot:										13.31	2.36
Ave:											

* Estimated evaporation.
\+ 2 days observation.

FORT LOCKHART

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	75	56			48	51	47	42		0.22*	1.70
2	79	61			55	57	49	44		0.30	-
3	82	66			60	65	58	69		0.31	-
4	80	64			60	65	61	73		0.25*	0.24
5	74	59			55	62	65	84		0.21*	0.45
6	67	54			52	55	73	69		0.14*	0.71
7	70	57			51	54	57	55		0.25	-
8	74	60			50	54	47	47		0.28	-
9	76	63			60	61	71	68		0.23	-
10	75	63			59	58	71	60		0.32	0.19
11	73	65			64	65	85	77		0.19	-
12	73	64			62	66	80	90		0.25	-
13	72	60			68	58	100	57		0.20	0.03
14	75	63			60	61	67	58		0.31	-
15	78	66			58	59	57	47		0.37	-
16	81	68			58	62	54	50		0.40	-
17	82	70			58	63	51	62		0.42	-
18	77	58			63	64	85	81		0.15*	1.63
19	72	62			56	59	66	71		0.28	-
20	71	56			51	54	51	49		0.25	0.15
21	74	59			52	54	51	47		0.33	-
22	76	62			53	50	48	38		0.33	-
23	78	62			57	61	56	61		0.30	-
24	79	62			60	63	64	59		0.31	0.09
25	78	63			54	58	49	49		0.37	0.15
26	78	63			51	58	42	51		0.34	-
27	77	64			51	53	42	39		0.22*	0.34
28	80	67			57	56	53	41		0.40	-
29	82	70			61	66	61	73		0.45	-
30	78	61			57	64	56	72		0.15*	1.00
31	77	57			55	56	59	53		0.14	1.32
Tot:										9.65	8.00
Ave:	76	62									

* Estimated evaporation.

FORT LOCKHART

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20	69	57			59	64	75	90		0.10*	1.00
21	68	53			58	60	71	67		0.09*	1.15
22	71	53			59	60	71	64		0.11*	0.40
23	73	54			59	64	71	81		0.21	-
24	70	56			54	55	65	62		0.12*	0.91
25	69	58			51	52	68	61		0.30	0.16
26	68	60			57	59	74	71		0.21	-
27	70	60			51	53	60	55		0.27	-
28	72	59			44	44	47	39		0.36	-
29	71	60			58	59	83	75		0.33	-
30	71	60			57	59	74	71		0.31	-
31	70	61			55	58	65	63		0.34	-
Tot:											
Ave:											

* Estimated evaporation.

FORT LOCKHART

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	72	62			55	56	62	53		0.35	-
2	74	63			57	60	60	58		0.34	-
3	76	64			49	52	44	43		0.38	-
4	78	65			47	47	40	34		0.39	-
5	77	68			49	52	41	39		0.41	-
6					53	52	52	43		0.39	-
7	76	65			54	57	55	53		0.37	-
8	75	65			58	61	71	72		0.33	-
9	75	63			59	62	79	84		0.35	0.15
10	72	60			58	61	79	80		0.30	-
11	70	58			56	61	79	89		0.27	-
12	68	55			55	56	78	70		0.39	0.36
13	69	62			59	61	79	72		0.14	-
14	73	63			57	58	70	60		0.33	-
15											-
16	73	62			62	64	95	76		0.59+	-
17	72	51			57	58	83	79		0.32*	0.69
18	65	57			53	57	83	89		0.21	0.05
19	61	46			48	46	100	80		0.12*	1.14
20	53	46			35	39	55	53		0.30	0.08
21	56	46			26	31	37	35		0.18	-
22											-
23	62	51			26	49	25	53		0.60+	-
24	67	58			7	15	10	11		0.32	-
25	71	59			23	26	18	16		0.34	-
26					20	30	17	20		0.33	-
27					18	21	14	13		0.32	-
28					34	42	31	36		0.31	-
29	71	60			35	43	36	41		0.30	-
30	68	55			41	44	51	49		0.26	-
Tot:										9.24	2.47
Ave:											

* Estimated evaporation.
\+ 2 days observation.

FORT LOCKHART

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	68	57			37	41	39	37		0.31	-
2	68	59			33	38	30	31		0.34	-
3	70	55			35	36	41	34		0.32	-
4	65	55			43	47	52	48		0.30	-
5	67	56			41	41	51	42		0.31	-
6	66	55			38	41	46	45		0.30	-
7	66	54			35	40	41	41		0.30	0.05
8	65	53			40	46	47	51		0.34	-
9	65	52			41	45	48	42		0.33	-
10					43	46	52	51		0.31	-
11	66	52			23	29	22	24		0.19*	0.66
12	70	57			29	36	29	32		0.36	-
13	70	58			29	35	27	27		0.37	-
14	70	58			27	35	25	27		0.38	-
15	70	56			35	40	41	41		0.37	-
16	68	54			39	39	53	40		0.35	-
17	63	54			34	39	40	38		0.32	-
18					41	42	73	63		0.30	-
19	54	46			39	43	62	60		0.17	0.20
20	57	45			39	42	72	68		0.27	-
21	58	43			36	42	70	85		0.32	0.15
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Tot:											
Ave:											

* Estimated evaporation.

FORT LOCKHART

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12	65	46			51	35	37	36		0.22	-
13	65	46			29	32	36	34		0.21	-
14		4			17	25	23	27		0.23	-
15	59	48			16	18	19	17		0.25	-
16					11	21	18	22		0.22	-
17	59	46			17	21	26	24		0.22	-
18	57	46			27	31	35	33		0.21	-
19					27	31	38	35		0.19	-
20	58	46			29	34	43	43		0.16	-
21	56	43			35	38	69	71		0.17	0.03
22	47	39			39	41	100	92		0.14	0.71
23	43	37			34	33	82	69		0.07	-
24	44	37			31	28	67	50		0.11	0.05
25	47	35			23	22	42	31		0.12	-
26					33	32	75	62		0.11	-
27	52	34			16	17	27	23		0.16*	0.47
28	53	42			24	27	39	35		0.13	-
29					23	24	42	36		0.11	-
30	52	42			19	23	31	30		0.19	-

Tot:

Ave:

* Estimated evaporation.

FORT LOCKHART

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	54	45			5	9	15	15		0.21	-
2	59	46			17	25	23	27		0.20	-
3	59	44			20	23	30	27		0.15	-
4	57	46			24	25	39	34		0.14	-
5	54	43			19	20	35	30		0.12	-
6	55	44			22	25	31	29		0.15	-
7					23	26	38	37		0.14	-
8	52	33			33	31	100	90		0.07	0.27
9	34	32			34	33	100	90		0.05*	0.45
10					33	31	100	81		0.07*	0.40
11	36	33			23	19	55	43		0.05	0.22
12	44	37			18	20	38	33		0.11	-
13	48	40			5	11	17	18		0.15	-
14	53	40			19	21	31	29		0.13	-
15	53	40			17	25	34	43		0.10	-
16	50	33			33	31	100	81		0.07	0.11
17	37	33			33	31	90	74		0.03	0.07
18	39	35			33	35	82	69		0.06	0.03
19	44	37			36	38	91	77		0.07	0.01
20					35	36	91	76		0.04	-
21	43	34			23	23	51	38		0.08	-
22					24	22	56	41		0.07	-
23					31	34	90	82		0.06	-
24	39	30			31	32	90	81		0.03	-
25	38	27			32	31	100	90		0.13	0.40
26	37	26			32	33	100	90		0.12	0.50
27					31	33	100	90		0.08	0.30
28	35	24			20	18	76	58		0.02	0.01
29	38	26			29		66			0.08	-
30	37	30			29	29	80	66		0.07	-
31	40	31			25	24	63	47		0.08	-
Tot:										2.93	2.77
Ave:											

* Estimated evaporation.

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GAGGAR - 1972

Location	Latitude 24°50', Longitude 67°27',32 miles from Karachi on Karachi-Hyderabad National Highway.
Elevation	120 ± ft.msl.
Period of record	The station was established by the Project Director, Project Planning Southern Zone (old L.I.P.) on 28.9.1963 and taken over by Surface Water Hydrology Project in December, 1965.
Instruments	5" Non-recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard evaporation pan. Anemometer.
Annual figures	Precipitation 2.72 inches Evaporation (Pan) 178.30 inches Absolute Maximum air temperature 108°F Absolute Minimum air temperature 39°F
Remarks	Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hour and stan stand for 24 hours period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry bulb temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

GAGGAR

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	52	78	53	46	35	60	21	63	0.29	-
2	82	52	78	53	51	33	87	21	52	0.30	-
3	80	52	82	53	46	54	69	48	29	0.35	-
4	78	52	79	53	47	35	74	22	51	0.36	-
5	79	48	76	50	46	51	79	39	37	0.43	-
6	79	50	77	49	46	54	74	46	20	0.44	-
7	79	49	76	48	46	51	79	41	51	0.46	-
8	80	48	78	50	47	53	80	45	46	0.43	-
9	79	48	78	46	38	53	44	40	52	0.46	-
10	81	50	76	43	38	55	55	43	53	0.45	-
11	82	51	77	49	35	58	42	50	39	0.42	-
12	82	50	80	51	41	57	57	49	42	0.44	-
13	81	49	82	52	40	45	56	30	48	0.48	-
14	82	51	83	52	38	51	51	39	44	0.46	-
15	82	54	79	49	33	35	38	23	49	0.50	-
16	77	51	78	49	46	31	74	18	44	0.51	-
17	78	54	81	48	33	31	33	18	64	0.45	-
18	79	61	75	52	35	37	32	22	207	0.51	-
19	82	61	78	53	39	31	34	18	101	0.55	-
20	78	63	70	53	43	50	41	33	140	0.53	-
21	86	65	76	55	41	43	38	29	53	0.45	-
22	82	64	79	56	45	51	46	41	35	0.39	-
23	82	52	80	51	24	36	27	28	59	0.40	-
24	72	53	67	52	28	44	35	33	39	0.35	-
25	78	54	77	48	42	43	58	31	20	0.32	-
26	78	54	78	53	41	43	49	31	53	0.42	-
27	80	54			37	49	40	36	55	0.39	-
28	81	53			40	46	45	33	61	0.38	-
29	80	54	82	53	37	35	40	21	16	0.35	-
30	84	54	81	52	41	61	46	57	24	0.38	-
31	81	58	82	59	54	65	73	62	52	0.40	-
Tot:										13.05	0.00
Ave:	80	54							55		

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	61	84	62	53	48	64	40	74	0.39	-
2	77	58	78	57	33	51	35	76	64	0.37	-
3	64	45	61	49	40	26	65	19	13	0.18	0.07
4	71	43	70	47	40	30	71	23	42	0.25	-
5	72	42	76	46	26	32	38	26	90	0.34	-
6	71	39	74	40	39	32	70	24	45	0.33	-
7	72	41	75	43	37	34	64	24	41	0.35	-
8	74	45	76	48	40	11	65	9	36	0.37	-
9	75	44	78	46	29	21	45	14	45	0.36	-
10	76	47	78	47	36	28	53	18	83	0.38	-
11	76	46	79	44	34	28	52	21	101	0.38	-
12	74	44	79	42	22	28	36	25	104	0.40	-
13	66	46	70	41	10	21	20	15	110	0.42	-
14	73	42	72	41	40	26	77	18	69	0.43	-
15	72	49	74	51	36	18	53	13	88	0.40	-
16	72	52	71	45	24	21	29	15	168	0.49	-
17	75	50	74	47	30	10	39	9	119	0.48	-
18	77	52	75	49	32	18	40	12	26	0.50	-
19	81	51	80	52	32	22	40	12	106	0.45	-
20	83	50	84	44	41	61	57	51	97	0.34	-
21	85	51	85	45	38	55	47	49	27	0.36	-
22	83	50	87	57	56	57	82	49	43	0.33	-
23	80	53	83	52	38	39	47	32	118	0.39	-
24	71	43	72	42	37	45	59	40	101	0.35	-
25	73	43	72	42	19	43	31	39	90	0.38	-
26	72	42	75	41	25	18	32	12	36	0.36	-
27	75	46	78	43	27	34	33	24	35	0.34	-
28	76	44	80	45	32	43	40	29	41	0.38	-
29	80	48	79	47	19	53	20	40	37	0.40	-
Tot:										10.90	0.07
Ave:	75	47	77	47					71		

GAGGAR

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	81	50	78	46	35	51	45	33	78	0.41	-
2	85	50	82	45	34	31	44	15	30	0.38	-
3	87	53	83	49	45	59	59	57	39	0.42	-
4	82	59	81	59	60	53	84	47	107	0.45	-
5	84	58	83	57	48	64	53	55	85	0.43	-
6	90	56	85	55	52	61	63	54	38	0.43	-
7	88	60	85	55	53	66	64	69	48	0.42	-
8	80	62	82	62	55	68	64	70	73	0.40	-
9	83	61	85	62	54	59	68	37	40	0.44	-
10	91	65	88	64	54	73	51	57	47	0.46	-
11	94	60	90	60	53	63	60	61	63	0.50	-
12	81	67	80	60	62	59	75	46	72	0.45	-
13	84	58	83	60	55	59	64	37	76	0.47	-
14	92	66	90	58	41	60	30	38	68	0.51	-
15	93	62	90	59	51	74	52	71	66	0.53	-
16	91	68	88	62	65	61	80	39	71	0.52	-
17	95	68	90	68	63	61	68	40	74	0.56	-
18	92	66	92	67	64	68	76	50	51	0.54	-
19	95	65	90	66	61	71	67	70	61	0.55	-
20	88	63	87	64	61	68	71	63	100	0.51	-
21	87	61	86	63	63	69	80	64	89	0.50	-
22	90	65	91	64	62	63	71	36	56	0.52	-
23	98	66	94	65	57	62	53	37	54	0.59	-
24	100	68	95	67	61	62	67	50	78	0.61	-
25	90	64	89	65	61	70	71	61	102	0.58	-
26	90	69	89	77	63	69	68	58	127	0.57	-
27	91	68	91	65	65	67	69	45	145	0.59	-
28	93	65	94	67	64	70	76	61	91	0.63	-
29	88	68	89	65	59	56	57	29	118	0.61	-
30	100	64	97	63	60	59	67	37	78	0.66	-
31	94	64	92	63	62	59	75	40	82	0.72	-
Tot:										15.86	0.00
Ave:	90	63	88	61					74		

GAGGAR

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	63	89	62	61	72	75	71	76	0.60	-
2	88	63	88	62	61	72	75	74	87	0.59	-
3	87	68	86	65	67	72	77	68	120	0.57	-
4	88	72	88	68	70	74	87	75	166	0.54	-
5	87	68	89	68	68	67	81	52	109	0.52	-
6	90	65	90	66	68	66	81	56	110	0.53	-
7	88	68	87	66	59	74	81	75	110	0.51	-
8	89	68	88	67	69	70	81	61	115	0.52	-
9	95	66	93	66	65	69	72	46	95	0.54	-
10	96	66	93	65	62	63	71	46	60	0.56	-
11	92	64	88	62	57	65	53	41	66	0.54	-
12	97	68	96	67	63	69	64	55	83	0.56	-
13	92	67	92	65	66	69	69	60	99	0.53	-
14	93	68	91	58	65	70	69	67	167	0.55	-
15	90	66	89	67	67	69	77	64	216	0.56	-
16	89	70	88	68	71	74	64	75	187	0.57	-
17	90	69	89	69	68	72	70	65	140	0.58	-
18	88	68	88	68	64	72	68	59	135	0.56	-
19	97	69	92	68	66	75	69	75	113	0.59	-
20	92	74	90	72	74	76	87	91	121	0.57	-
21	91	72	90	71	69	73	73	59	94	0.54	-
22	95	74	93	70	73	74	78	65	103	0.56	-
23	90	73	88	71	72	73	82	68	66	0.54	-
24	92	74	91	72	73	72	82	62	143	0.56	-
25	90	75	89	73	72	74	74	68	170	0.58	-
26	93	75	92	75	74	75	83	72	196	0.59	-
27	90	74	88	70	73	74	82	71	149	0.58	-
28	89	71	89	68	69	74	73	57	138	0.56	-
29	98	70	94	69	64	64	59	36	120	0.59	-
30	106	71	98	70	67	67	63	49	96	0.62	-
Tot:										16.81	0.00
Ave:	92	69	90	68					122		

GAGGAR

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	75	93	73	73	69	75	55	156	0.60	-
2	97	73	93	72	71	71	70	61	118	0.58	-
3	92	76	92	75	74	73	83	59	93	0.57	-
4	94	75	91	73	72	72	74	59	102	0.58	-
5	95	77	94	74	75	74	79	65	119	0.60	-
6	93	74	92	72	72	70	74	53	119	0.57	-
7	95	76	93	74	73	72	75	59	140	0.59	-
8	94	75	93	73	73	72	71	62	154	0.61	-
9	95	77	94	75	76	74	79	57	143	0.60	-
10	97	77	95	75	76	74	83	60	141	0.63	-
11	96	78	94	76	77	75	83	55	133	0.62	-
12	100	77	98	76	74	67	68	30	98	0.65	-
13	108	75	104	74	72	75	68	63	141	0.70	-
14	96	74	94	72	72	71	68	43	131	0.66	-
15	106	75	103	73	73	71	68	49	92	0.69	-
16	100	78	99	77	75	74	75	57	112	0.66	-
17	98	76	96	74	74	72	75	45	118	0.63	-
18	102	75	100	74	71	72	61	49	81	0.65	-
19	103	78	101	76	76	76	75	63	112	0.67	-
20	96	78	95	78	76	75	72	63	163	0.65	-
21	95	79	95	78	76	76	72	66	221	0.58	-
22	93	80	93	78	76	77	75	67	231	0.57	-
23	97	80	95	79	78	78	83	69	196	0.56	-
24	94	78	93	77	76	79	72	70	150	0.54	-
25	95	77	95	76	75	74	72	55	145	0.53	-
26	99	75	98	74	72	66	65	34	133	0.56	-
27	107	74	105	72	70	69	61	40	106	0.60	-
28	105	76	103	74	74	78	68	69	137	0.59	-
29	95	78	95	77	76	76	75	63	193	0.58	-
30	94	77	92	77	74	77	68	67	166	0.56	-
31	94	79	93	78	76	76	75	66	147	0.54	-
Tot:										18.72	0.00
Ave:	97	77	96	75					138		

GAGGAR

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	77	95	78	75	73	69	62	139	0.55	-
2	93	80	93	79	79	78	80	67	138	0.53	-
3	97	81	96	80	81	81	84	70	149	0.55	-
4	96	79	95	79	78	77	79	67	171	0.53	-
5	98	81	96	79	81	81	84	77	212	0.57	-
6	94	80	94	79	79	80	76	74	194	0.56	-
7	95	82	93	78	82	81	88	74	189	0.58	-
8	96	80	96	79	79	79	76	73	208	0.59	-
9	97	81	96	80	79	83	83	77	190	0.59	-
10	97	80	97	78	80	83	80	74	196	0.60	-
11	96	82	95	79	82	83	80	77	161	0.58	-
12	94	80	95	79	80	81	80	70	152	0.56	-
13	95	80	94	80	79	80	83	70	147	0.57	-
14	94	81	92	78	80	83	80	74	140	0.54	-
15	96	82	96	80	82	82	88	77	174	0.56	-
16	93	80	92	79	80	80	80	70	195	0.53	-
17	94	82	93	78	80	80	76	74	212	0.57	-
18	95	81	93	79	81	83	84	84	257	0.55	-
19	92	82	90	80	81	80	87	74	259	0.54	-
20	93	80	91	79	79	81	80	77	235	0.58	-
21	94	80	94	78	80	81	80	74	206	0.58	-
22	96	82	95	78	81	84	84	84	166	0.55	-
23	94	81	93	79	80	81	76	62	135	0 53	-
24	98	82	96	80	82	80	80	57	112	0.57	-
25	100	84	99	82	80	78	70	49	90	0.60	-
26	104	85	101	80	78	80	69	65	119	0.62	-
27	97	84	97	81	77	82	76	71	140	0.59	-
28	98	85	98	80	77	81	69	70	114	0.61	-
29	99	85	97	78	77	78	79	59	112	0.65	1.20
30	97	84	95	77	86	77	88	51	92	0.45	-
Tot:										16.98	1.20
Ave:	96	82	95	79					167		

GAGGAR

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	86	98	80	77	79	72	52	159	0.50	-
2	103	84	100	80	78	81	73	84	150	0.55	-
3	92	81	89	79	78	81	83	84	53	0.46	0.36
4	89	80	89	78	77	81	87	84	156	0.43	0.23
5	90	81	90	81	79	83	91	84	224	0.43	0.08
6	91	82	90	82	80	82	76	80	246	0.46	-
7	93	84	92	82	82	82	92	80	204	0.48	-
8	95	82	94	80	80	83	76	77	118	0.45	0.65
9	97	85	96	81	81	81	77	74	147	0.50	-
10	94	85	94	81	79	81	80	77	167	0.48	-
11	93	85	91	78	77	82	72	80	260	0.50	-
12	92	84	92	81	78	80	73	80	179	0.49	-
13	92	85	91	81	79	81	80	77	221	0.51	-
14	93	84	92	79	77	80	76	76	187	0.50	-
15	90	84	90	79	80	81	80	77	175	0.48	-
16	90	84	89	80	78	80	79	76	197	0.50	-
17	91	83	90	79	79	83	80	88	203	0.49	-
18	93	83	93	80	77	81	76	80	209	0.51	-
19	94	84	93	78	77	80	72	76	214	0.52	-
20	91	83	90	78	76	78	72	69	203	0.53	-
21	92	83	91	78	74	79	65	70	182	0.52	-
22	93	84	93	79	76	78	72	73	210	0.54	-
23	92	83	91	78	75	76	69	66	209	0.52	-
24	93	83	92	78	75	79	72	76	214	0.55	-
25	94	84	93	79	74	81	65	77	251	0.58	-
26	92	83	91	78	78	78	79	73	273	0.58	-
27	91	82	91	79	78	81	79	77	224	0.57	-
28	90	83	89	79	74	80	68	76	213	0.56	-
29	91	82	91	79	76	77	75	72	204	0.57	-
30	90	83	89	79	75	77	72	69	250	0.58	-
31	90	82	89	78	75	78	75	69	205	0.58	-
Tot:										15.92	1.32
Ave:	93	83	92	79					197		

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	91	83	91	79	76	79	75	70	168	0.55	-
2	92	83	90	78	74	77	71	69	177	0.54	-
3	93	84	92	79	72	77	65	69	199	0.56	-
4	92	82	90	77	74	76	71	72	201	0.56	-
5	92	81	88	76	72	73	74	62	199	0.55	-
6	89	81	87	78	73	77	71	76	202	0.53	-
7	88	80	85	75	77	78	87	79	194	0.52	-
8	90	81	88	77	72	75	62	65	194	0.54	-
9	90	81	90	75	72	76	68	72	215	0.54	-
10	89	80	88	78	75	78	83	79	212	0.52	-
11	90	80	89	74	69	77	58	72	228	0.54	-
12	88	78	88	74	71	74	64	68	238	0.53	-
13	88	78	86	74	73	74	78	65	261	0.54	-
14	88	80	88	75	71	77	70	76	210	0.55	-
15	88	78	87	73	72	76	74	72	172	0.53	-
16	90	80	90	75	72	75	71	72	212	0.54	-
17	89	79	89	74	71	78	74	83	244	0.55	-
18	88	78	87	74	73	75	78	69	207	0.53	-
19	90	79	90	75	75	82	79	80		0.51	-
20	93	80	92	77	73	75	75	69		0.50	-
21	91	77	91	75	74	77	83	72	496+	0.52	-
22	90	77	89	74	73	74	78	65	176	0.51	-
23	89	80	89	75	73	78	75	79	191	0.51	-
24	89	82	88	78	74	78	75	79	180	0.49	-
25	91	81	91	76	76		79		167	0.50	-
26	92	80	91	78	72	81	62	80	150	0.52	-
27	90	79	90	78	75	77	83	72	156	0.49	-
28	92	78	91	75	73	78	65	73	164	0.51	-
29	76	77	93	75	72	76	78	72	203	0.54	-
30	92	77	92	73	72	75	78	72	204	0.52	-
31	91	78	90	74	73	74	78	68	165	0.50	-
Totr										16.34	0.00
Ave:	90	80	89	76					193		

• 3 days Observation.

GAGGAR

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	76	90	73	72	73	78	68	161	0.48	-
2	88	77	87	74	73	74	78	68	153	0.47	-
3	89	78	89	73	72	74	74	71	219	0.49	-
4	88	77	87	74	72	72	71	68	228	0.53	-
5	89	80	87	74	71.	72	67	65	217	0.54	-
6	89	79	88	73	71	73	70	68	226	0.57	-
7	88	78	87	75	72	75	74	75	203	0.58	-
8	88	77	87	74	71	73	74	68	188	0.58	-
9	87	76	87	73	72	74	78	65	124	0.56	-
10	90	76	89	72	71	75	64	69	108	0.53	-
11	90	76	88	73	72	74	78	68	133	0.52	-
12	91	78	90	76	74	77	83	69	147	0.53	-
13	94	79	93	74	74	74	78	68	159	0.55	-
14	96	78	94	75	75	76	79	75	209	0.58	-
15	91	77	91	74	74	73	78	68	234	0.60	-
16	88	78	87	75	74	74	78	68	235	0.59	-
17	89	79	89	74	74	77	78	79	242	0.58	-
18	90	80	89	76	75	79	83	76	234	0.59	-
19	94	78	93	75	76	70	87	47	151	0.57	-
20	104	76	98	72	72	71	78	54	94	0.60	-
21	100	75	96	71	73	77	82	69	78	0.58	-
22	94	76	93	73	73	74	82	57	98	0.57	-
23	95	74	94	73	72	67	82	43	79	0.56	-
24	98	70	95	70	67	67	77	43	56	0.54	-
25	100	69	96	68	64	75	68	63	53	0.56	-
26	94	72	93	69	66	71	69	58	78	0.54	-
27	90	73	90	71	69	69	77	58	98	0.53	-
28	91	75	89	73	72	73	78	68	129	0.55	-
29	89	73	88	71	69	72	73	62	130	0.54	
30	92	74	92	72	71	75	82	72	122	0.54	-
Tot:										16.55	0.00
Ave:	92	76	91	73					153		

GAGGAR

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	75	93	73	72	77	78	72	118	0.53	-
2	93	78	92	75	76	78	91	79	128	0.53	-
3	90	75	90	73	73	79	82	76	112	0.50	-
4	92	72	91	70	67	77	69	72	93	0.51	-
5	98	73	96	70	64	55	59	24	64	0.53	-
6	102	76	100	74	64	73	48	48	75	0.56	-
7	101	74	98	70	63	65	58	42	43	0.55	-
8	98	71	94	68	68	77	81	69	62	0.51	-
9	95	74	93	70	71	71	82	58	75	0.50	-
10	96	71	94	69	65	67	65	47	67	0.49	-
11	97	70	95	69	67	68	85	52	59	0.48	-
12	92	72	90	70	68	75	77	72	91	0.47	-
13	92	74	92	71	70	77	81	67	89	0.49	-
14	100	72	98	70	68	66	73	39	63	0.52	-
15	102	75	98	73	73	77	86	69	85	0.54	-
16	94	74	94	72	70	72	74	59	73	0.51	-
17	98	72	95	70	69	76	81	72	90	0.53	-
18	95	75	93	73	72	69	82	50	82	0.51	-
19	94	72	92	70	68	73	77	62	79	0.50	-
20	94	73	93	70	69	76	77	72	87	0.50	-
21	93	73	92	72	68	76	77	63	69	0.48	-
22	95	71	94	67	61	72	54	54	45	0.49	-
23	96	68	92	64	57	67	49	45	71	0.49	-
24	95	67	92	65	58	54	50	26	56	0.51	-
25	97	68	92	60	41	40	25	16	79	0.53	-
26	96	66	92	61	54	56	48	29	55	0.51	-
27	97	75	93	60	55	49	43	24	133	0.54	-
28	94	71	90	60	55	48	49	24	118	0.52	-
29	93	65	85	59	52	45	50	22	80	0.50	-
30	94	66	88	55	46	54	39	32	45	0.48	-
31	93	68	87	58	63	57	68	34	47	0.46	-
Tot:										15.77	0.00
Ave:	95	72	93	68					78		

GAGGAR

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	68	90	66	57	56	53	31	49	0.45	-
2	95	68	92	64	53	51	45	24	39	0.44	-
3	97	66	91	63	54	56	51	29	62	0.45	-
4	96	65	90	61	50	49	46	24	41	0.45	-
5	98	68	92	63	52	57	50	33	41	0.47	-
6	96	66	93	62	49	53	43	27	44	0.45	-
7	94	67	92	64	55	53	51	30	46	0.44	-
8	94	65	88	63	58	49	59	24	52	0.44	-
9	96	64	89	63	57	57	62	38	60	0.45	-
10	92	65	86	60	56	59	55	46	80	0.43	-
11	87	64	85	58	59	63	70	47	74	0.41	-
12	90	62	88	60	57	57	69	42	40	0.40	-
13	92	63	89	61	58	63	70	47	38	0.40	-
14	90	66	86	61	59	69	66	64	48	0.39	-
15	88	67	85	62	63	61	80	47	59	0.39	-
16	90	65	87	63	63	53	84	33	54	0.40	-
17	89	63	86	62	55	54	69	32	33	0.38	-
18	92	66	87	63	59	61	66	39	25	0.39	-
19	95	65	92	60	57	59	65	36	7	0.40	-
20	94	64	91	59	59	57	74	37	0	0.40	-
21	93	67	88	61	60	62	70	45	29	0.41	-
22	90	65	87	64	63	54	80	35	49	0.38	-
23	88	63	85	59	50	58	48	43	34	0.36	-
24	86	60	83	58	51	60	56	48	47	0.35	-
25	83	60	80	55	51	46	59	33	39	0.34	-
26	82	57	79	54	55	47	82	35	45	0.34	-
27	82	56	78	52	44	42	55	27	26	0.32	-
28	83	57	77	52	46	45	53	30	38	0.30	-
29	81	58	78	53	49	41	66	25	50	0.29	-
30	83	59	79	53	45	39	49	23	46	0.30	-
Tot:										11.82	0.00
Ave:	90	64	86	60					43		

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.N	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	62	77	52	41	38	41	21	71	0.31	-
2	85	61	78	51	46	43	53	25	64	0.32	-
3	86	60	80	55	43	38	44	21	45	0.32	-
4	87	64	78	53	47	43	47	25	100	0.34	-
5	85	58	80	52	48	38	65	21	44	0.33	-
6	85	56	78	51	49	49	61	30	29	0.31	-
7	86	58	79	52	53	55	72	43	21	0.30	-
8	84	62	80	55	57	54	74	43	42	0.30	-
9	83	59	80	50	42	48	50	40	46	0.29	-
10	78	51	74	46	38	54	51	46	33	0.28	-
11	75	56	73	48	41	36	53	26	86	0.29	-
12	75	55	74	47	41	32	49	23	93	0.31	-
13	77	50	72	47	41	36	61	25	93	0.32	-
14	80	54	76	46	47	39	69	23	29	0.31	-
15			76	51	52	41	67	25	9	0.33	-
16	84	63	76	54	48	46	53	29	16	0.32	-
17	86	65	78	55	46	55	43	64	65	0.31	-
18	80	58	75	55	53	51	76	56	159	0.38	0.13
19	70	60	70	55	51	57	66	53	79	0.32	-
20	78	60	77	55	51	54	66	43	39	0.30	-
21	80	60	79	57	51	61	59	60	37	0.31	-
22	80	56	78	57	50	58	76	56	36	0.30	-
23	79	58	77	55	51	55	66	51	32	0.30	-
24	79	62	76	52	56	52	73	42	36	0.29	-
25	80	58	77	58	54	55	77	49	80	0.31	-
26	80	61	78	57	51	60	62	63	40	0.31	-
27	78	58	76	55	49	47	70	57	20	0.30	-
28	72	54	71	47	30	28	36	21	53	0.28	-
29	73	46	70	43	22	18	28	14	81	0.30	-
30	70	45	68	40	22	46	32	43	74	0.29	-
31	72	48	70	39	13	32	22	22	32	0.30	-
Tot:										9.58	0.13
Ave:			76	51					54		

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GAJ REST HOUSE - 1972

Location

Latitude 26°53', Longitude 67 20', situated towards west of Johi Tehsil about 25 miles.

Elevation

600 ± ft.msl.

Period of record

The station was established by the Project Director, Project Planning Southern Zone, (old L.I.P) on 26.4.1963 and taken over by Surface Water Hydrology, Project in December 1965.

Instruments

5" Non-recording rain gauge.
Maximum and minimum air temperature thermometer.
Maximum and minimum pan water temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau Standard evaporation pan.
Anemometer.

Annual figures

Precipitation	1.89 Inches
Evaporation (Pan)	220.16 Inches
Absolute maximum air temperature	122°F
Absolute minimum air temperature	46°F

Remarks

Observations of precipitation, pan evaporation, maximum and minimum temperature and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown.
Blank space indicates no record.
(-) Indicates no precipitation.

GAJ REST HOUSE

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	53	68	40	7	18	13	12	39	0.33	-
2	76	54	70	40	2	14	10	11	50	0.40	-
3	73	52	68	41	14	14	19	12	45	0.32	-
4	72	53	67	42	16	14	18	11	34	0.30	-
5	73	54	69	43	16	18	17	12	31	0.33	-
6	76	55	70	45	15	18	15	13	26	0.42	-
7	74	53	69	43	19	18	22	13	64	0.38	-
8	72	52	69	41	17	18	22	14	45	0.36	-
9	70	53	67	42	17	18	20	13	45	0.34	-
10	74	54	70	44	19	15	20	10	22	0.40	-
11	76	53	71	42	20	10	24	10	69	0.45	-
12	72	51	68	40	20	11	26	11	53	0.35	-
13	69	50	64	39	11	11	17	10	77	0.32	-
14	70	51	65	40	10	6	15	8	44	0.36	-
15	73	52	67	40	11	6	17	8	45	0.41	-
16	70	53	66	45	16	18	18	14	12	0.36	-
17	71	57	69	48	32	28	34	18	45	0.38	-
18	75	56	70	46	32	28	37	19	88	0.45	-
19	73	54	69	44	26	26	28	16	67	0.42	-
20	76	56	71	47	28	26	27	15	143	0.48	-
21	78	57	72	47	28	24	29	15	115	0.52	-
22	75	56	71	45	28	23	32	16	72	0.44	-
23	73	54	70	43	30	26	36	19	70	0.33	-
24	71	53	68	42	30	25	39	21	66	0.28	-
25	68	52	66	41	24	21	29	15	34	0.25	-
26	73	53	69	43	24	18	27	12	122	0.34	-
27											-
28											-
29	76	54	72	44	26	18	31	13	344+	0.96+	-
30	72	52	69	43	27	21	33	18	42	0.30	-
31	66	50	64	41	27	23	36	24	130	0.23	0.45
Tot:										11.21	0.45
Ave:									66		

+ 3 days observation.

GAJ REST HOUSE

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	62	47	61	40	27	24	40	27	22	0.16	-
2	59	46	57	39	21	13	29	15	89	0.12	-
3	62	47	59	40	20	15	26	15	124	0.18	-
4	65	48	62	40	23	26	34	26	135	0.24	-
5	63	49	60	41	23	21	31	18	132	0.20	-
6	67	51	63	42	18	18	24	14	122	0.25	-
7	70	53	65	43	23	23	22	16	131	0.31	-
8	73	54	67	44	23	23	17	17	116	0.36	-
9	71	52	66	41	21	21	28	17	64	0.32	-
10	69	50	65	40	11	11	31	10	90	0.28	-
11	71	49	67	41	11	11	24	11	132	0.33	-
12	68	50	65	41	14	14	26	12	45	0.26	-
13	71	48	68	40	11	11	29	11	145	0.33	-
14	69	49	65	41	11	11	28	10	77	0.27	-
15	70	50	67	41					111	0.30	-
16	71	49	68	40	1	1	21	6	190	0.37	-
17	72	50	69	41	14	14	20	12	77	0.34	-
18	71	51	67	41	10	10	22	9	122	0.32	-
19	73	52	70	42	11	11	22	9	208	0.40	-
20	75	55	71	44	21	21	21	14	72	0.37	-
21	74	54	70	43	18	18	23	11	96	0.31	-
22	79	56	75	46	19	19	18	11	85	0.40	-
23	81	55	77	43	6	6	22	8	213	0.56	-
24	73	50	70	40	1	1	24	7	164	0.42	-
25	70	48	69	39	2	2	29	7	129	0.36	-
26	68	47	67	39	6	6	37	8	91	0.29	-
27	71	48	70	40	1	1	31	6	75	0.35	-
28	74	54	72	42					112	0.41	-
29	75	51	73	43					112	0.46	-
Tot:										9.27	0.00
Ave:	70	50	67	41					115		

GAJ REST HOUSE

March 1972

Date	TEMPERATURES Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	52	74	44	16	6	17	7	159	0.54	-
2	76	53	73	43	22	7	25	6	89	0.47	-
3	79	55	75	46	23	3	21	5	71	0.45	-
4	85	61	80	49	18	22	13	11	102	0.57	-
5	83	63	78	48	18	22	14	12	178	0.51	-
6	80	61	76	47	21	22	18	12	61	0.42	-
7	79	60	75	45	21	19	19	9	83	0.37	-
8	83	61	80	48	23	19	19	10	110	0.45	-
9	82	62	79	49	30	23	26	11	68	0.43	-
10	85	63	82	50	30	13	25	7	125	0.47	-
11	86	62	83	48	28	18	25	11	128	0.52	-
12	78	61	76	49	28	27	22	14	67	0.40	-
13	83	63	80	51	28	27	21	12	142	0.48	-
14	88	64	87	52	28	35	18	15	137	0.60	-
15	90	66	88	53	29	38	17	15	190	0.68	-
16	94	68	89	52	28	44	18	20	106	0.75	-
17	91	69	87	55	31	43	18	21	105	0.72	-
18	89	72	86	54	31	43	19	18	87	0.60	-
19	94	73	89	58	33	44	20	18	66	0.69	-
20	96	71	90	57	33	38	21	18	253	0.83	-
21	89	70	85	55	30	37	21	16	131	0.58	-
22	92	71	88	59	35	40	22	16	99	0.63	-
23	95	73	89	60	34	39	19	16	117	0.70	-
24	93	72	87	59	33	38	20	17	69	0.65	-
25	91	73	86	60	27	38	14	15	78	0.58	-
26	94	75	90	61	28	37	13	13	133	0.66	-
27	97	77	92	62	29	40	13	14	187	0.75	-
28	99	78	93	63	32	41	14	14	80	0.73	-
29	102	80	95	64	31	46	14	17	223	0.83	-
30	100	79	94	63	33	45	16	17	107	0.77	-
31	99	80	95	64	33	48	16	17	59	0.68	-
Tot:										18.51	0.00
Ave:	89	67	84	54					116		

GAJ REST HOUSE

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Move-ment Miles	Evapo-ration inches	Rain inches
1	103	81	96	65	36	47	16	15	244	0.84	-
2	105	80	98	63	36	51	17	18	222	0.89	-
3	104	79	97	62	35	52	17	17	67	0.80	-
4	106	80	99	64	36	53	16	17	121	0.85	-
5	108	82	100	66	30	52	12	17	113	0.92	-
6	106	81	98	65	31	51	14	18	66	0.87	-
7	104	80	96	64	31	51	15	16	80	0.81	-
8	107	79	100	63	30	50	15	16	131	0.88	-
9	105	78	99	62	29	44	16	16	89	0.79	-
10	100	77	97	61	28	48	13	16	77	0.70	-
11	105	79	101	63	29	51	13	16	124	0.83	-
12	107	80	102	65	29	52	13	16	77	0.80	-
13	109	82	103	66	30	55	12	19	167	0.88	-
14	108	84	103	67	31	57	12	18	43	0.82	-
15	110	85	105	68	32	57	11	18	212	0.94	-
16	112	87	106	69	35	42	15	15	178	1.04	-
17	103	82	98	63	28	41	11	14	122	0.76	-
18	102	80	97	62	27	45	12	14	86	0.72	-
19	105	79	101	60	26	44	12	13	225	0.81	-
20	107	80	103	61	29	45	13	12	220	0.85	-
21	110	78	105	60	23	41	11	14	209	0.95	-
22	101	76	97	59	27	18	14	8	61	0.69	-
23	89	78	85	60	25	46	12	15	85	0.40	-
24	104	79	101	62	23	46	10	14	215	0.74	-
25	106	81	103	64	27	47	11	13	232	0.82	-
26	108	83	104	63	27	45	12	14	145	0.89	-
27	105	82	102	64	30	44	12	13	122	0.71	-
28	107	84	104	65	31	45	12	12	178	0.87	-
29	109	86	105	66	25	40	10	11	223	0.92	-
30	105	87	100	67	24	41	8	11	110	0.73	-
Tot:										24.52	0.00
Ave:	105	81	100	62					141		

GAJ REST HOUSE

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	107	85	101	66	22	39	9	11	189	0.82	-
2	103	84	97	64	20	42	7	12	78	0.67	-
3	106	86	100	65	25	43	8	12	235	0.75	-
4	109	88	101	67	25	38	8	9	193	0.87	-
5	110	89	102	68	24	42	7	10	182	0.94	-
6	112	88	105	67	22	41	7	10	210	0.97	-
7	110	87	102	66	26	38	10	10	102	0.84	-
8	106	88	99	67	31	40	10	10	100	0.73	-
9	108	90	100	68	32	43	10	11	111	0.79	-
10	111	91	101	70	28	48	9	13	189	0.93	-
11	110	89	100	68	29	47	11	13	78	0.82	-
12	108	87	99	67	30	50	10	14	123	0.78	-
13	111	89	100	68	31	51	10	14	212	0.94	-
14	113	92	101	71	37	50	13	14	198	1.00	-
15											-
16	110	89	99	69	39	55	14	16	389+	1.95+	-
17	112	88	100	67	39	58	15	19	216	0.97	-
18	111	90	100	68	42	58	15	17	105	0.87	-
19	114	94	102	70	41	58	14	15	129	0.96	-
20	118	97	103	71	42	76	12	27	130	1.08	-
21	120	100	104	73	37	57	10	13	231	1.18	-
22	122	97	105	71	36	49	11	12	357	1.48	-
23	115	91	100	68	37	47	12	12	183	1.03	-
24	111	93	97	69	30	38	9	9	196	0.96	-
25	109	90	92	66	30	38	10	10	210	0.93	-
26	106	87	91	62	26	40	10	10	158	0.83	-
27	108	88	92	63	30	44	10	13	95	0.80	-
28	107	86	91	62	25	45	10	12	101	0.77	-
29	109	87	92	63	26	44	10	13	134	0.85	-
30	108	88	91	64	27	44	9	12	63	0.80	-
31	110	89	93	65	28	46	9	11	192	0.92	-
Tot:										28.23	0.00
Ave:									164		

+ 2 days Observation.

GAJ REST HOUSE

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	112	88	95	66	32	50	11	14	231	1.02	-
2	111	90	94	67	31	48	10	13	147	0.95	-
3											-
4	111	97	95	68	32	48	10	12		1.79+	-
5	113	93	96	69	33	47	11	12		1.05	-
6	111	90	95	67	39	51	15	15	89	0.90	-
7	110	89	94	66	38	52	15	15	255	0.99	-
8	112	88	95	66	35	55	12	15	158	1.04	-
9	115	94	96	69	41	54	14	15	170	1.11	-
10	113	92	95	68	43	57	16	15	104	0.94	-
11	116	93	97	69	44	57	16	14	130	1.00	-
12	119	94	99	70	47	56	16	15	171	1.12	-
13	117	92	97	68	46	56	17	14	103	1.02	-
14	120	93	101	72	49	55	17	14	192	1.16	-
15	118	96	100	73	48	58	17	15	181	1.07	-
16	121	95	102	72	47	57	18	14	212	1.19	-
17	119	94	100	72	50	57	18	13	177	1.12	-
18	122	96	102	73	45	56	14	14	222	1.26	-
19	120	97	101	74	51	60	19	16	56	1.09	-
20	119	96	100	73	52	59	19	16	33	1.04	-
21	117	95	92	72	48	57	16	16	102	0.98	-
22	115	92	97	71	49	58	19	15	397	1.11	-
23	118	88	100	69	47	57	20	17	168	1.07	-
24	113	89	98	70	48	57	19	16	131	0.93	-
25	115	91	99	72	51	61	19	19	232	1.09	-
26	114	90	98	71	49	55	20	19	188	1.01	-
27	108	86	94	68	47	49	20	19	172	0.81	-
28	101	84	90	66	45	49	22	17	150	0.75	-
29	104	80	93	65	42	48	22	17	120	0.71	0.12
30	102	83	92	69	45	52	21	17	109	0.62	-
Tot:										29.94	0.12
Ave:											

\+ 2 days observation.

GAJ REST HOUSE

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	89	94	72	45	50	19	18	141	0.77	-
2	102	76	91	69	44	46	20	18	212	0.72	1.08
3	98	78	89	70	45	48	19	16	78	0.56	-
4	104	79	92	71	47	48	20	14	221	0.68	-
5	107	81	94	73	48	49	19	14	214	0.77	-
6	109	80	95	72	49	53	21	17	214	0.83	-
7	108	82	93	73	49	52	20	17	118	0.94	-
8	106	84	92	74	47	51	20	18	50	0.67	-
9	104	83	91	72	47	48	23	17	85	0.62	-
10	101	84	89	71	49	53	21	18	119	0.56	-
11	105	82	92	70	48	54	22	18	117	0.63	-
12	107	83	93	71	49	55	20	18	195	0.74	-
13	109	85	94	72	50	58	23	20	220	0.81	-
14	108	84	95	71	49	57	24	21	49	0.71	-
15	106	82	93	70	48	56	24	22	119	0.65	-
16	104	83	90	71	49	57	24	21	81	0.59	-
17	106	85	92	72	50	58	23	20	206	0.70	-
18	108	87	93	73	50	58	22	22	225	0.78	-
19	105	89	91	74	51	61	24	26	90	0.63	-
20	104	86	89	73	50	61	25	24	86	0.58	-
21	107	87	91	74	51	62	24	23	124	0.67	-
22	109	89	93	75	51	65	24	26	192	0.80	-
23	108	88	92	74	50	64	25	26	83	0.71	-
24	106	86	91	73	53	61	30	26	101	0.65	-
25	104	85	90	72	54	64	29	29	104	0.62	-
26	103	86	89	73	55	64	28	26	95	0.59	-
27	106	88	92	74	55	61	27	22	214	0.69	-
28	108	89	93	75	56	63	26	22	211	0.76	-
29	111	91	95	76	52	62	25	23	220	0.85	-
30	109	90	94	75	53	61	24	24	149	0.80	-
31	107	89	92	74	54	61	23	22	217	0.78	-
Tot:										21.66	1.08
Aver	106	85	92	73					147		

GAJ REST HOUSE

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	110	90	95	75	54	64	23	22	254	0.84	-
2	113	92	97	76	52	63	23	22	212	0.91	-
3	111	89	95	75	51	66	24	25	168	0.85	-
4	110	90	95	76	54	67	23	25	245	0.87	-
5	112	93	96	77	50	68	20	24	235	0.96	-
6	114	94	97	78	49	69	20	23	235	1.04	-
7	116	93	98	76	52	65	21	23	430	1.20	-
8	112	92	95	75	54	62	26	23	155	0.99	-
9	109	88	94	74	57	61	30	24	195	0.91	-
10	107	89	93	75	58	63	29	23	174	0.85	-
11	110	88	96	74	57	62	33	27	192	0.93	-
12	103	87	91	73	58	64	32	26	89	0.75	-
13	106	88	93	74	59	65	31	26	120	0.80	-
14	108	89	94	75	58	68	32	29	115	0.86	-
15	107	87	92	73	57	65	33	30	87	0.82	-
16											-
17	105	88	91	74	58	68	32	29	177+	1.58	
18	107	89	92	75	59	68	31	29	231	0.87	-
19	109	90	93	76	55	69	27	26	220	0.93	
20	112	88	75	74	54	57	29	28	214	1.01	-
21	108	87	92	73	53	65	30	28	91	0.85	-
22	105	86	90	72	56	68	29	27	140	0.82	-
23	110	88	93	74	55	65	30	27	110	0.92	-
24	108	87	92	73	58	68	35	27	104	0.84	-
25	110	86	94	72	59	69	34	30	124	0.89	-
26	108	85	93	71	57	71	34	34	72	0.83	-
27	107	83	92	70	56	71	36	35	61	0.73	-
28											-
29	105	80	91	69	55	71	37	32	233+	1.60+	
30	108	81	92	70	56	69	36	32	206	0.80	-
31	105	82	91	71	57	69	34	31	102	0.72	-
Tot:										26.97	0.00
Ave:									161		

\+ 2 days observation.

GAJ REST HOUSE

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	107	83	92	72	59	72	40	37	213	0.79	-
2	105	84	90	73	59	73	36	36	82	0.68	-
3	107	85	92	74	60	74	34	35	117	0.74	-
4	109	87	93	75	60	72	38	35	111	0.81	-
5	106	86	90	74	61	73	36	34	75	0.70	-
6	108	87	92	75	61	74	35	33	215	0.84	-
7	110	86	93	74	59	71	37	34	209	0.90	-
8	107	85	91	73	61	74	42	37	71	0.72	-
9	106	84	96	73	62	72	41	37	117	0.69	-
10	105	83	88	72	61	73	44	39	83	0.65	-
11	104	84	87	73	63	74	43	37	118	0.62	-
12	106	86	89	75	65	75	42	36	112	0.68	-
13	108	85	92	73	61	72	42	37	189	0.78	-
14	105	83	89	72	64	72	48	38	86	0.66	-
15											-
16	103	80	88	72	63	74	50	37	225+	1.28+	-
17	105	83	90	74	65	73	49	39	189	0.70	-
18	104	81	89	73	65	70	51	38	78	0.62	-
19	102	78	87	72	64	73	53	42	108	0.57	-
20	101	79	86	73	65	73	53	40	94	0.55	-
21	103	81	88	74	66	74	51	39	230	0.65	-
22	105	80	89	72	63	73	50	39	224	0.72	-
23	104	78	88	71	66	72	56	40	72	0.63	-
24	102	77	86	70	63	73	50	39	81	0.57	-
25	104	78	87	69	62	72	50	40	121	0.61	-
26	103	82	86	72	65	74	46	39	99	0.59	-
27	105	80	89	69	61	69	47	39	136	0.65	-
28	100	78	88	67	60	70	48	38	94	0.55	-
29	102	77	90	66	60	71	46	36	83	0.58	-
30	104	79	92	67	63	71	54	39	88	0.62	-
Tot:										20.15	0.00
Ave:									120		

+ 2 days Observation.

GAJ REST HOUSE

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	101	81	90	69	64	70	48	36	99	0.56	-
2	103	79	92	68	63	67	50	34	91	0.59	-
3	101	80	89	69	63	67	53	32	88	0.52	-
4	104	78	93	68	60	66	46	34	115	0.61	-
5	100	76	88	66	59	68	51	38	80	0.50	-
6	99	75	87	64	59	66	53	37	99	0.47	-
7	98	74	86	63	56	66	46	34	106	0.45	-
8	100	75	89	65	56	65	44	35	215	0.54	-
9	98	74	87	64	57	67	42	34	85	0.44	-
10	101	75	90	66	57	68	40	33	15	0.50	-
11	103	76	92	67	60	69	46	32	124	0.55	-
12	105	75	93	66	58	67	45	32	111	0.61	-
13	104	74	92	64	56	70	46	36	62	0.58	-
14											-
15	103	75	91	65	57	71	42	35	212+	1.10+	-
16	105	76	92	67	57	73	40	39	124	0.60	-
17	104	74	91	63	55	69	41	39	67	0.57	-
18	100	72	89	62	54	70	43	38	86	0.49	-
19	102	71	90	61	53	69	38	37	112	0.53	-
20	101	70	89	60	54	70	37	36	82	0.50	-
21	103	72	91	61	54	67	35	34	129	0.55	-
22	101	70	88	60	55	68	43	36	90	0.50	-
23	100	69	87	59	54	66	46	37	81	0.47	-
24	97	68	86	57	56	66	46	36	120	0.40	-
25	99	69	87	58	56	69	44	40	85	0.44	-
26	98	70	86	59	57	67	49	41		0.42	-
27	95	68	84	56	56	64	52	40	261	0.36	-
28	93	69	83	58	58	66	50	39	51	0.33	-
29	96	70	85	59	57	66	53	43	117	0.39	-
30	93	68	84	57	57	61	55	33	29	0.34	-
31	95	70	85	60	59	63	53	38	56	0.38	-
Tot:										15.29	0.00
Ave:									96		

+ 2 days observation.

GAJ REST HOUSE

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	68	84	57	58	63	56	39	121	0.36	-
2	92	69	83	58	61	59	63	33	57	0.31	-
3	94	70	84	59	56	62	52	37	69	0.35	-
4	93	69	83	58	57	60	58	38	31	0.32	-
5	90	67	81	56	56	61	61	36	103	0.28	-
6	92	68	82	57	56	59	55	36	120	0.33	-
7	91	67	81	56	54	57	57	34	79	0.30	-
8											-
9											-
10	90	69	80	58	54	59	51	40	336+	0.84+	-
11	88	67	79	57	53	56	53	32	85	0.25	-
12	90	66	80	56	53	55	56	34	77	0.28	-
13	88	65	79	54	53	52	60	32	108	0.24	-
14	86	64	77	53	48	56	47	40	115	0.21	-
15											
16	84	66	78	54	49	54	45	35	146+	0.35	-
17	86	68	79	56	49	57	43	37	86	0.22	-
18	88	70	81	57	49	53	40	30	45	0.27	-
19	90	71	82	58	47	52	35	29	92	0.31	-
20	89	69	81	57	46	51	39	30	38	0.30	-
21	87	68	80	56	47	52	44	42	79	0.27	-
22	79	66	74	55	48	51	42	35	118	0.19	-
23	82	67	76	56	46	49	43	34	79	0.23	-
24	81	65	75	54	49	50	51	39	116	0.22	-
25	79	63	74	53	49	51	54	41	104	0.18	-
26	77	60	73	51	49	51	58	39	81	0.16	-
27	79	61	74	52	48	53	50	38	104	0.20	-
28	82	59	75	49	44	54	51	43	86	0.27	-
29	80	60	74	50	43	50	44	37	97	0.24	-
30	81	58	75	49	42	52	50	38	76	0.28	-
Tot:										7.41	0.88
Ave:									88		

+ 3 days Observation.

+ 2 days Observation.

GAJ REST HOUSE

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	59	76	50	43	49	47	36	106	0.32	-
2	79	60	75	51	43	48	44	32	56	0.25	-
3	82	58	75	50	40	44	45	33	121	0.31	-
4	77	57	73	49	35	43	36	29	29	0.21	-
5	79	58	74	50	37	44	37	28	96	0.27	-
6	82	57	76	49	41	42	46	27	146	0.36	-
7	80	58	74	50	40	42	45	28	83	0.28	-
8	79	57	73	49	40	43	42	29	68	0.25	-
9	80	58	74	50	40	43	45	31	48	0.29	-
10	77	57	72	49	40	37	48	23	129	0.24	-
11	79	55	73	48	35	37	39	24	113	0.28	-
12	77	54	71	47	35	36	42	26	34	0.23	-
13	73	53	69	45	35	28	45	18	21	0.19	-
14	75	52	70	44	37	38	46	27	77	0.22	-
15											
16	74	51	69	43	38	32	55	24	126+	0.41+	-
17	71	52	67	44	30	32	39	28	85	0.18	0.08
18	68	53	64	45	30	34	36	29	119	0.14	0.10
19	69	54	65	46	30	32	33	24	112	0.17	-
20	71	55	66	46	26	32	31	23	103	0.20	-
21	73	53	68	45	32	32	40	22	191	0.28	-
22	75	54	69	46	32	28	37	19	94	0.25	-
23	73	55	68	44	28	28	35	21	82	0.22	-
24	71	54	67	43	30	28	36	22	111	0.19	-
25	69	55	66	44	32	34	40	29	89	0.16	-
26	68	54	65	46	26	32	31	24	56	0.13	0.06
27	71	52	67	45	27	28	33	22	91	0.18	-
28	69	50	65	44	27	28	36	21	107	0.17	-
29	71	49	66	42	33	26	47	19	60	0.20	-
30	70	50	65	43	32	26	43	18	79	0.19	-
31	72	49	66	42	31	23	46	18	121	0.23	-
Tot:										7.00	0.24
Ave:									89		

+ 2 days observation

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GHOTKI - 1972

Location Latitude 28°00', Longitude 69°18', in Ruk Agricultural farm near Ghotki on National Highway at furlong stone 359/7.

Elevation

Period of record The station was established by the Project Director, Project Planning Southern Zone (old L.I.P) on 1.7.1963 and taken over by Surface Water Hydrology Project in December 1965.

Instruments
5" Non-recording rain gauge.
Casella weighing type recording rain gauge.
Maximum and minimum air temperature thermometer.
Maximum and minimum pan water temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau Standard evaporation pan.
Anemometer.

Annual figures

Precipitation	0.75 inches
Evaporation (Pan)	107.43 inches
Absolute maximum air temperature	117°F
Absolute minimum air temperature	29°F

Remarks Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry bulb temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

GHOTKI

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	47	72	46	45	49	79	51	14	0.14	-
2	77	39	70	44	40	48	77	47	21	0.15	-
3	77	39	70	44	40	47	84	44	14	0.15	-
4			70	44	36	47	58	44	8	0.14	-
5			72	42	31	45	73	40	10	0.15	-
6			68	39	28	39	64	32	14	0.14	-
7	70	33	67	39	28	50	71	55	23	0.13	-
8	70	35	64	39	32	49	73	51	17	0.13	-
9	74	43	66	41	32	49	61	51	25	0.13	-
10	75	47	66	42	34	41	62	33	20	0.14	-
11	77	34	70	41	27	37	57	29	22	0.13	-
12	74	38	68	41	30	43	54	39	23	0.15	-
13	73	44	64	41	40	46	77	43	24	0.13	-
14	72	44	64	42	44	49	92	51	30	0.13	-
15	77	37	70	43	31	46	73	39	37	0.14	-
16			70	44					13	0.13	-
17			72	46	45	42	73	36	21	0.14	-
18	74	44	71	47	38	39	76	32	32	0.13	-
19	78	45	75	44	40	43	84	39	41	0.14	-
20	77	45	70	47	45	39	63	32	55	0.13	-
21	75	51	69	49	42	51	72	47	51	0.13	-
22	76	38	73	45	33	53	74	53	32	0.14	-
23	71	40	67	42	35	51	62	47	39	0.13	-
24			68	42	38	50	70	46	25	0.14	-
25	72	48	66	48	43	52	63	50	14	0.13	-
26			64	47	38	55	70	58	21	0.12	-
27	72	47	66	47	45	51	68	47	25	0.13	-
28	73	47	66	46	45	47	73	44	21	0.13	-
29	71	47	65	45	43	49	78	43	24	0.13	-
30			74	53	53	66	93	80	99	0.13	0.05
31			59	53	53	68	93	81	73	0.13	0.38
Tot:										4.19	0.43
Ave:			68	44					29		

GHOTKI

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1			77	53	54	56	93	88	38	0.13	0.24
2			62	49	49	54	93	68	18	0.11	0.03
3	70	48	60	45	46	45	85	52	10	0.11	-
4	63	42	70	46	40	45	77	49	13	0.11	-
5			59	39	29	26	64	26	55	0.11	-
6	61	31	65	37	25	26	50	26	26	0.12	-
7	65	31	66	38	32	35	90	32	24	0.11	-
8			69	38	26	43	70	37	10	0.12	-
9	75	43	69	39	29	37	80	29	10	0.11	-
10			72	39	31	39	46	32	19	0.12	-
11			74	45	40	43	56	37	33	0.12	-
12			68	38	35	41	57	38	75	0.13	-
13			63	37	27	41	57	38	46	0.12	-
14	68	35	65	38	21	28	39	27	22	0.12	-
15	70	40	66	40	41	28	84	27	91	0.12	-
16	67	39	67	40	31	26	46	23	52	0.12	-
17	69	36	69	41	33	33	67	31	36	0.13	-
18	75	38	72	43	34	39	62	32	16	0.12	-
19			73	44	38	48	76	38	18	0.11	-
20	80	42	76	46	37	48	64	38	18	0.13	-
21	82	42	77	47	36		58		21	0.12	-
22	79	47	79	49	34	46	48	33	26	0.12	-
23	83	51	79	48	25	47	35	37	43	0.13	-
24			68	39	21	11	39	12	81	0.13	-
25	71	36	69	38	20	25	46	21	60	0.14	-
26	71	36	70	38	22	28	47	22	39	0.15	-
27	71	37	68	38	22	39	47	32	16	0.13	-
28	77	33	74	40	27	50	57	46	38	0.14	-
29	77	39	74	42	22	35	43	23	31	0.13	-
Tot:										3.56	0.27
Ave:			70	42					34		

GHOTKI

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	79	37	76	42	35	39	68	24	22	0.13	-
2	83	40	78	47	35	48	62	33	19	0.14	-
3	86	47	60	48	38	49	60	36	14	0.15	-
4	86	57	76	53	43	47	41	37	42	0.16	-
5	80	42	76	47	37	45	54	32	55	0.18	-
6	83	50	77	49	47	45	69	30	30	0.18	-
7	86	52	80	52	47	55	65	51	28	0.18	-
8	75	52	69	54	53	51	87	35	43	0.18	0.03
9	86	56	85	55	49	49	66	36	23	0.18	-
10	82	58	78	56	51	49	66	30	74	0.18	-
11	86	61	83	55	49	54	61	43	93	0.20	-
12	83	57	76	56	49	54	71	43	40	0.22	-
13	83	45	85	51	52	39	48	24	34	0.23	-
14	85	49	79	52	40	49	63	30	58	0.23	-
15	87	53	85	55	48	53	70	38	17	0.23	-
16	91	58	84	57	47	50	44	28	32	0.23	-
17	90	61	87	62	51	54	56	32	39	0.24	-
18	94	61	89	62	51	56	56	32	33	0.25	-
19	90	61	87	62	51	57	56	37	30	0.24	-
20	96	64	88	60	55	73	64	68	98	0.25	-
21	88	59	87	61	57	59	74	36	44	0.25	-
22	93	59	90	62	57	57	69	30	27	0.25	-
23	97	60	93	63	55	55	61	27	20	0.25	-
24	100	61	93	63	60	62	63	34	22	0.26	-
25	103	65	94	66	58	56	56	26	16	0.26	-
26	105	65	90	67	60	73	70	40	19	0.27	-
27	104	63	95	66	57	63	58	33	22	0.27	-
28	101	71	92	65	55	63	49	33	63	0.28	-
29	101	66	93	65	55	59	51	34	44	0.28	-
30	95	62	89	64	53	50	56	23	43	0.28	-
31	98	65	93	61	44	54	25	26	21	0.30	-
Tot:										6.93	0.03
Ave:	90	57	86	57					38		

GHOTKI

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	97	50	92	56	46	50	56	23	21	0.30	-
2	99	56	94	58	47	46	47	18	22	0.30	-
3	101	57	94	61	58	61	66	24	24	0.30	-
4	102	70	95	63	60	40	63	16	37	0.30	-
5	94	58	91	59	54	39	57	16	49	0.29	-
6	97	61	91	60	53	50	56	20	39	0.30	-
7	99	58	91	61	49	55	43	25	36	0.30	-
8	99	67	93	63	51	59	47	31	39	0.40	0.02
9	97	65	89	61	53	44	56	20	64	0.31	-
10	93	54	91	59	53	55	53	25	30	0.32	-
11	98	60	91	61	48	43	40	16	13	0.32	-
12	101	60	93	63	51	43	49	15	27	0.33	-
13	103	58	95	62	50	53	46	18	24	0.34	-
14	106	68	97	63	61	55	57	19	23	0.34	-
15	105	72	99	69	63	59	61	33	32	0.34	-
16	100	76	98	71	63	59	58	34	41	0.35	-
17	97	68	95	67	63	61	64	44	37	0.35	-
18	92	65	98	61	67	51	57	30	74	0.30	-
19	110	59	93	60	47	54	31	26	31	0.35	-
20	96	67	92	64	54	47	48	20	36	0.35	-
21	99	67	92	61	47	50	35	28	70	0.36	-
22	90	75			52	56	38	44	105	0.35	-
23	102	65			61	65	65	42	46	0.34	-
24	94	66	94	64	64	62	68	34	8	0.35	-
25	95	67	97	68	63	60	64	54	47	0.34	-
26	100	75	99	71	65	60	53	31	32	0.34	-
27	99	76	94	68	64	46	55	18	68	0.35	-
28	99	69	93	63	58	47	45	20	88	0.36	-
29	98	65	95	64	57	43	47	18	46	0.36	-
30	100	64	96	64	55	50	49	18	33	0.37	-
Tot:										10.01	0.02
Ave:	99	65							41		

GHOTKI

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	68	98	66	49	50	30	20	44	0.37	-
2	101	77	89	65	45	54	27	21	104	0.40	-
3	103	76	94	64	49	56	30	23	88	0.45	-
4	104	76	96	67	59	53	40	20	34	0.46	-
5	106	76	100	70	53	56	34	23	35	0.45	-
6	101	68	95	67	62	55	52	24	53	0.47	-
7	101	68	98	66	55	60	41	26	69	0.45	-
8	103	71	94	67	60	56	48	22	36	0.45	-
9	107	75	100	70	61	59	44	23	25	0.45	-
10	110	71	100	70	55	57	41	21	31	0.45	-
11	108	73	100	70	49	61	29	22	26	0.45	-
12			101	72	61	62	42	27	18	0.44	-
13	105	76	101	71	56	61	36	26	56	0.44	-
14	112	77	102	67	52	61	32	26	51	0.45	-
15	105	79	94	66	56	62	32	25	78	0.45	-
16	111	77	98	72	63	64	47	26	38	0.46	-
17	107	78	93	71	58	65	32	24	55	0.45	-
18	110	79	101	72	59	65	36	22	33	0.50	-
19	113	76	100	70	58	66	35	23	44	0.48	-
20	114	74	101	70	67	69	52	23	40	0.60	-
21			104	72	57	69	33	23	24	0.58	-
22	117	84	104	73	56	62	28	19	87	0.60	-
23			99	72	64	65	44	26	52	0.60	-
24	107	77	97	67	50	56	28	22	34	0.61	-
25	104	68	95	66	46	59	29	24	40	0.65	-
26	105	68	95	60		61	24	22	53	0.65	-
27	107	69	97	62	41	60	21	21	37	0.62	-
28	108	68	97	62	37	57	19	19	23	0.62	-
29	109	61	100	62	75	57	63	18	35	0.62	-
30	109	72	102	71	71	68	58	29	24	0.60	-
31	111	82	103	75	76	57	60	19	32	0.58	-
Tot:										15.85	0.00
Ave:			98	68					45		

GHOTKI

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	112	83	102	75	75	65	63	23	22	0.59	-
2	113	83	104	76	68	63	50	22	43	0.58	-
3	110	81	103	77	77	71	61	30	41	0.58	-
4	111	83	104	80	66	74	51	37	47	0.60	-
5	105	82	95	73	58	66	35	25	57	0.60	-
6			97	72	57	64	37	25	48	0.58	-
7	108	82	98	71	64	67	44	28	67	0.58	-
8	110	82	100	72	62	65	34	27	28	0.58	-
9	108	81	100	72	59	68	30	27	57	0.60	-
10	109	76	98	73	61	61	40	20	15	0.58	-
11	114	79	104	74	69	59	44	17	19	0.58	-
12	114	81	102	77	77	76	67	34	50	0.58	-
13	112	82	100	76	75	73	57	32	47	0.58	-
14	112	82	105	77	75	68	65	24	54	0.60	-
15	114	81	104	78	75	65	69	22	44	0.58	-
16	114	81	106	76	75	69	63	26	59	0.58	-
17	113	81	107	78	77	66	72	23	43	0.55	-
18	112	81	108	78	77	67	76	23	59	0.57	-
19	114	82	107	79	80	65	76	24	45	0.60	-
20	111	81	105	77	75	67	69	25	71	0.60	-
21	110	83	106	78	79	75	64	34	39	0.55	-
22	111	80	107	72	75	70	63	27	35	0.53	-
23	113	83	104	80	76	73	60	30	32	0.50	-
24	112	86	105	79	74	71	48	30	56	0.49	-
25	111	86	103	79	79	71	61	30	53	0.49	-
26	112	85	105	82	81	74	65	33	20	0.48	-
27	110	85	107	79	70	76	53	43		0.48	-
28	104	86	99	79	73	69	54	55		0.45	-
29	108	81	103	76	75	71	63	36		0.45	-
30	104	84	102	79	77	70	63	36		0.44	-
Tot:										16.55	0.00
Ave:			103	76							

GHOTKI

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	86	105	82	79	76	76	43		0.45	-
2	103	87	96	81	76	75	58	38		0.44	-
3	108	86	100	82	81		68			0.48	-
4	105	83	106	79	76	75	66	40		0.47	-
5	107	82	105	79	78	79	69	41		0.47	-
6	108	82	106	79	75	75	75	60		0.47	-
7	93	83	95	77	75	73	63	42		0.45	-
8	100	83	100	80	75	78	57	42		0.45	-
9	107	83	106	78	74	73	60	39		0.45	-
10	103	86	101	80	83	80	68	54		0.46	-
11	104	83	103	80	78	78	73	41		0.45	-
12	108	84	105	79	77	81	72	53		0.45	-
13	103	83	102	79	79	79	80	46		0.45	-
14	104	84	103	80	78	77	73	40		0.45	-
15	108	81	106	79	78	80	79	43		0.44	-
16	107	83	105	80	79	80	76	45		0.44	-
17	108	82	105	79	78	78	73	41		0.43	-
18	107	82	104	79	79	79	76	44		0.44	-
19	107	82	104	79	77	80	76	43		0.45	-
20	107	81	104	79	76	78	75	41		0.43	-
21	107	82	105	78	77	77	72	42		0.44	-
22	106	82	106	79	78	77	73	40		0.44	-
23	107	80	105	77	76	77	72	42		0.44	-
24	107	80	105	77	75	78	69	39		0.44	-
25	108	81	106	78	78	75	69	38		0.45	-
26	107	82	104	78	75	76	69	38		0.45	-
27	108	81	103	77	76	80	72	43		0.46	-
28	107	81	105	78	76	78	75	41		0.45	-
29	109	80	104	77	76	75	75	38		0.44	-
30	106	80	102	76	76	75	72	38		0.46	-
31	106	80	103	77	75	75	69	41		0.44	-
Tot:										13.93	0.00
Ave:	106	82	104	79							

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	81	104	79	76	73	75	46		0.44	-
2	105	82	104	79	78	74	73	37		0.44	-
3	105	79	105	77	75	75	75	40		0.44	-
4	105	79	104	76	74	79	75	50		0.43	-
5	103	80	107	77	76	76	79	43		0.43	-
6	103	81	105	78	76	75	75	40		0.44	-
7	105	81	104	79	77	77	79	47		0.42	-
8	101	82	103	80	76	77	75	45		0.42	-
9	102	82	105	80	77	76	76	45		0.42	-
10	103	83	104	80	76	77	75	47		0.41	-
11	101	81	104	80	74	76	75	45		0.40	-
12	104	79	100	78	74	76	75	45		0.39	-
13	105	76	104	75	74	76	78	45		0.40	-
14	105	78	103	77	72	76	68	45		0.40	-
15	101	83	104	78	77	79	72	52		0.39	-
16	100	81	103	78	79	77	76	42		0.38	-
17	105	81	103	77	76	75	72	40		0.35	-
18	108	84	105	76	72	79	65	52		0.36	-
19	100	83	100	76	79	77	76	47		0 36	-
20	99	80	99	76	75	78	72	49		0.36	-
21	100	80	98	78	76	79	75	52		0.37	-
22	100	82	101	79	80	77	76	45		0.37	-
23	103	81	105	81	79	78	80	44		0.37	-
24	105	81	105	79	76	74	75	39		0.37	-
25	106	80	105	78	77	76	79	41		0.36	-
26	106	81	102	77	77	77	83	42		0.36	-
27	105	77	102	75	77	78	83	46		0.37	-
28			96	66	57	75	53	43		0.37	-
29	104	64	95	66	62	74	64	48		0.36	-
30	104	68	102	69	73	78	86	49		0.36	-
31	103	71	97	71	61	66	42	29		0.30	-
Tot:										12.04	0.00
Ave:			102	77							

GHOTKI

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	105	71	100	72	71	69	70	32		0.30	-
2	106	78	101	74	75	65	72	28		0.30	-
3	106	74	102	73	72	76	78	47		0.30	-
4			100	72	72	79	74	48		0.33	-
5	103	74	100	73	73	81	82	51		0.33	-
6	103	74	101	74	72	79	78	50		0.35	-
7	101	75	100	74	73	78	82	49		0.34	-
8	101	75	101	74	73	73	82	44		0.33	-
9	101	75	100	74	71	79	74	50		0.34	-
10	102	72	100	73	69	79	70	48		0.34	-
11	103	73	100	74	73	69	75	37		0.30	-
12	104	76	101	75	71	75	67	41		0.30	-
13	105	76	102	76	74	79	71	44		0.30	-
14	107	76	102	76	73	77	71	47		0.30	-
15	102	76	102	75	73	76	78	43		0.30	-
16	105	76	101	75	74	77	83	45		0.29	-
17			100	76	75	80	79	54		0.28	-
18	99	78	101	75	73	75	71	53		0.28	-
19	99	78	100	75	75	76	79	53		0.29	-
20	100	77	101	76	74	79	75	54		0.28	-
21	99	65	99	66	65	77	69	51		0.27	-
22			92	63	61	76	67	53		0.26	-
23	96	59	93	62	63	76	80	53		0.26	-
24	99	57	95	61	62	77	84	51		0.26	-
25	100	60	92	62	65	75	76	46		0.25	-
26	99	60	93	63	61	77	75	49		0.25	-
27	99	61	92	62	60	75	75	49		0.25	-
28	99	60	95	65	67	77	77	49		0.25	-
29	99	64	96	67	65	74	80	44		0.25	
30	102	69	95	68	69	74	81	44		0.26	-
Tot:										8.74	
Ave:			99	71							

GHOTKI

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	68	96	67	68	76	77	47		0.25	-
2	103	67	98	68	74	76	83	51		0.25	-
3	102	70	98	70	67	77	77	51		0.25	-
4	100	64	96	68	62		64			0.25	-
5	96	69	92	68	61	63	57	41		0.24	-
6	97	69	91	65	63	65	61	41		0.25	-
7	98	64	92	65	63	75	60	53		0.25	-
8	95	61	92	63	63	75	75	53		0.25	-
9	100	61	91	62	63	73	72	50		0.25	-
10	98	61	92	63	60	65	79	35		0.25	-
11	98	59	92	63	62	76	89	51		0.25	-
12	97	59	91	62	60	74	79	45		0.25	-
13	100	61	91	63	63	75	80	50		0.24	-
14	98	60	92	61	60	66	79	39		0.25	-
15	101	58	92	62	59	68	89	38		0.23	-
16	108	56	91	60	63	83	80	60		0.23	-
17	99	58	91	61	59	80	70	57		0.23	-
18	98	57	90	60	63	80	80	57		0.22	-
19	100	65	90	62	57	68	62	50		0.22	-
20	89	63	85	61	58	67	66	49		0.22	-
21	92	67	87	63	54	67	54	47		0.22	-
22	89	63	85	59	53	67	56	47		0.21	-
23			84	58	58	69	78	55		0.20	-
24	89	58	85	58	54	69	68	55		0.20	-
25	88	61	83	57	55	70	73	55		0.20	-
26	89	59	84	57	52	64	63	53		0.20	-
27	88	55	82	58	57	70	78	61		0.20	-
28	89	60	84	58	54	70	68	55		0.20	-
29	89	60	83	57	56	70	73	55		0.19	-
30	91	52	85	55	56	68	78	50		0.19	-
31	90	53	85	56	52	69	71	50		0.19	-
Tot:										7.03	0.00
Ave:			89	62							

GHOTKI

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	53	84	57	54	65	73	44		0.18	-
2	92	58	84	58	51	66	59	43		0.18	-
3	94	55	85	58	61	67	75	47		0.18	-
4	94	55	86	59	58	68	83	50		0.18	-
5	93	52	87	57	57	68	88	50		0.18	-
6	95	53	86	57	59	69	74	50		0.18	-
7	94	52	85	56	53	67	72	47		0.18	-
8										0.18*	-
9	95	51	84	55	51	68	76	45		0.18	-
10	94	51	84	55	53	70	76	48		0.18	-
11	95	51	85	55	57	67	78	57		0.18	-
12	87	55	82	55	58	67	59	54		0.18	-
13	87	52	82	54	56	67	82	57		0.17	-
14	86	52	82	55	57	64	83	53		0.17	-
15	84	55	82	57	57	66	74	56		0.17	-
16	86	58	84	59	58	74	78	65		0.17	-
17	88	58	84	59	55	73	77	62		0.16	-
18	91	60	82	59	55	61	69	47		0.15	-
19	90	56	83	59	56	72	88	68		0.15	-
20	91	54	89	57	54	71	73	67		0.14	-
21	83	61	82	58	55	60	73	63		0.14	-
22	79	55	73	55	55	62	82	64		0.14	-
23	80	54	79	54	54	61	77	67		0.14	-
24	78	55	77	53	54	60	77	63		0.14	-
25	79	55	78	53	55	60	82	60		0.14	-
26	78	54	77	53	50	60	76	63		0.14	-
27	77	45	76	49	49	62	75	64		0.14	-
28	77	48	74	50	50	53	93	47		0.13	-
29	79	46	76	50	50	54	87	46		0.13	-
30	83	46	76	50	53	58	93	56		0.13	-
Tot:										4.81	0.00
Ave:											

* Estimated evaporation.

GHOTKI

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	83	47	83	51	50	57	93	49		0.13	-
2	82	50	77	50	48	54	86	46		0.13	-
3	83	46	75	50	45	57	63	49		0.13	-
4	80	44	73	47	45	54	68	51		0.13	-
5	80	44	73	48	45	59	73	53		0.13	-
6	80	44	74	48		56		52		0.13	-
7	82	46	75	48	49	58	86	56		0.13	-
8	84	53	74	51	55	52	88	50		0.13	-
9	77	45	76	49	40	54	65	54		0.13	-
10	76	46	77	46	47	54	74	57		0.13	-
11	72	42	71	46	49	56	75	61		0.13	-
12	74	37	70	43	40	51	60	47		0.13	-
13	76	39	70	44	38	57	76	55		0.12	-
14	79	42	69	45	45	59	68	59		0.12	-
15	76	49	68	48	43	51	63	52		0.12	-
16	77	49	70	48	47	54	74	57		0.12	-
17			70	50	46	56	64	61		0.12	-
18	72	54	63	51	52	51	87	52		0.12	0.02
19	71	52	70	52	51	53	87	56		0.12	-
20	74	47	73	49	46	52	79	53		0.12	-
21	76	46	73	49	45	59	73	59		0.12	-
22	79	46	73	50	50	58	87	56		0.12	-
23	81	50	73	50	43	60	67	60		0.12	-
24	75	51	69	48	49	53	75	56		0.12	-
25	71	53	68	48	46	51	69	56		0.12	-
26	70	54	66	50	47	51	74	59		0.12	-
27	73	50	66	49	48	48	80	50		0.11	-
28	69	42	65	45	38	44	76	45		0.11	-
29	68	35	65	37	24	26	45	28		0.11	-
30	67	35	61	37	30	43	72	44		0.11	-
31	71	29	59	37	31	45	73	49		0.11	-
Tot:										3.79	0.02
Ave:			68	47							

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GOJRA - 1972

Location	Latitude 31°09', Longitude 72°41',.
Elevation	550 ± ft. msl.
Period of record	February 1962 to date, station established by Surface Water Hydrology Project, WAPDA.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard evaporation pan.
Annual figures	Precipitation 9.82 inches Evaporation (Pan) 98.93 inches Absolute maximum air temperatures 116°F Absolute minimum air temperatures 32°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

GOJRA

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	76	40			42	47	92	49		0.08	-
2	76	41			41	50	92	55		0.10	-
3	73	40			41	45	92	52		0.10	-
4	75	37			38	47	83	49		0.09	-
5	74	34			37	47	91	47		0.10	-
6	73	34			33	45	90	55		0.10	-
7	68	33			30	43	72	47		0.11	-
8	69	32			30	37	80	35		0.09	-
9	70	35			31	45	73	49		0.09	-
10	72	33			35	48	90	50		0.11	-
11	73	34			32	47	81	47		0.13	-
12	73	34			35	47	90	49		0.11	-
13	71	35			36	47	63	40		0.10	-
14	69	38			31	49	60	58		0.08	-
15	69	38			37	50	83	58		0.09	-
16	72	40			40	50	91	55		0.09	-
17	73	40			40	53	91	56		0.10	-
18	75	40			39	52	84	53		0.11	-
19	76	41			39	54	77	60		0.10	-
20	74	43			49	50	86	62		0.09	-
21	68	46			50	51	93	81		0.08	-
22	66	41			46	47	92	61		0.06	0.15
23	64	40			37	45	76	49		0.11	-
24	69	39			40	49	91	54		0.09	-
25	70	41			45	47	92	61		0.10	-
26	67	43			43	46	92	56		0.10*	-
27											-
28											-
29	74	42			45	45	68	52		0.29+	-
30	64	52			51	52	87	87		0.05	0.06
31	58	52			52	52	93	87		0.06	-
Tot:										2.90	0.21
Ave:											

+ 3 days observation.

* Estimated evaporation.

GOJRA

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5).M	Wind Movement Miles	Evaporation inches	Rain inches
1	59	52			53	50	93	81		0.04	0.09
2	58	42			40	44	84	51		0.04	-
3	65	39			42	33	92	33		0.11	-
4	66	37			38	45	91	59		0.11	-
5	64	38			38	46	83	60		0.14	-
6	64	38			35	35	74	39		0.16	-
7	65	36			38	32	91	32		0.11	-
8	67	36			30	39	65	34		0.14	-
9	72	36			38	32	91	26		0.13	-
10	75	38			33	34	67	27		0.16	-
11	73	42			40	47	65	65		0.19	0.07
12	62	39			40	41	83	65		0.19	-
13	61	36			32	40	73	48		0.11	-
14	62	36			36	38	82	47		0.11	-
15	60	37			38	33	91	38		0.12	-
16	63	38			40	33	91	35		0.13	-
17	65	35			38	28	91	25		0.14	-
18	67	36			28	21	58	18		0.16	-
19	68	40			34	25	62	21		0.17	-
20	74	43			37	46	59	39		0.18	-
21	76	48			42	47	62	37		0.20	-
22	79	50			38	50	51	43		0.22	-
23	80	46			48	47	86	44		0.21	-
24	76	45			45	43	79	63		0.20	-
25	70	40			38	23	83	21		U 24	-
26	69	36			28	25	58	22		0.19	-
27	70	36			30	25	59	21		0.21	-
28	72	37			37	18	83	14		0.19	-
29	74	39			40	26	65	18		0.22	-
Tot:										4.30	0.16
Ave:	68	39									

GODRA

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	42			39	34	70	24		0.22	-
2	77	43			41	52	61	44		0.21	-
3	82	47			52	43	87	29		0.24	-
4	85	54			54	52	88	63		0.23	-
5	75	52			52	53	87	72		0.19	-
6	70	48			49	57	86	65		0.19	-
7	73	51			52	57	87	74		0.13	-
8	70	52			55	50	82	43		0.11	-
9	79	49			50	49	81	40		0.19	-
10	77	52			50	45	76	40		0.21	-
11	76	51			48	54	70	48		0.15	-
12	79	56			56	54	82	46		0.18	-
13	80	54			55	46	88	33		0.23	-
14	80	49			50	48	81	32		0.25	-
15	83	53			53	49	76	36		0.21	-
16	85	55			54	51	77	33		0.22	-
17	85	56			56	55	82	39		0.21	-
18	85	57			55	47	73	30		0.22	-
19	87	60			59	54	74	43		0.25	-
20	83	58			57	55	88	41		0.25	-
21	84	56			54	59	68	46		0.20	-
22	86	58			57	50	65	28		0.25	-
23	90	60			59	53	66	30		0.26	-
24	93	61			60	55	70	30		0.28	-
25	95	63			60	60	67	38		0.28	-
26	95	61			61	61	75	36		0.26	-
27	97	63			62	59	75	34		0.29	-
28	92	62			58	59	59	36		0.30	-
29	94	61			57	57	58	30		0.29	-
30	95	63			64	53	68	27		0.30	-
31	94	60			60	57	70	30		0.28	-
Tot:										7.08	0.00
Ave:	84	55									

GOURA

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	61			57	61	62	39		0.30	-
2	92	61			57	59	58	34		0.30	-
3	94	62			62	53	71	27		0.27	-
4	93	65			68	59	90	46		0.32	-
5	86	60			61	56	84	40		0.29	0.06
6	85	58			56	55	61	30		0.27	-
7	92	61			60	60	63	38		0.29	-
8	93	64			65	59	85	53		0.34	0.02
9	79	58			56	50	65	31		0.14	0.08
10	85	62			59	55	70	34		0.27	-
11	88	62			61	56	75	31		0.32	-
12	92	62			61	55	71	24		0.30	-
13	100	64			56	50	44	20		0.38	-
14	100	66			62	61	55	33		0.45	-
15	100	58			67	57	73	27		0.44	-
16	98	65			66	57	80	34		0.35	-
17	90	67			67	61	90	75		0.31	-
18	89	61			62	59	84	40		0.23	0.12
19	90	64			59	56	57	31		0.36	-
20	92	64			60	48	60	28		0.36	-
21	89	61			62	51	75	26		0.40	-
22	92	63			65	49	76	29		0.31	-
23	92	65			63	61	68	36		0.30	-
24	94	66			65	65	76	35		0.32	-
25	98	67			62	62	55	29		0.35	-
26	100	69			65	54	59	23		0.40	-
27	101	70			71	61	64	36		0.46	-
28	94	68			69	57	86	30		0.47	-
29	94	64			66	50	77	22		0.41	-
30	94	64			61	62	54	34		0.39	-
Tot:										10.10	0.28
Ave:	93	64									

GOJRA

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	73			73	62	71	34		0.52	-
2	97	67			74	60	86	34		0.48	-
3	94	70			68	64	66	36		0.43	-
4	96	68			65	62	59	34		0.39	-
5	98	68			64	54	53	23		0.42	-
6	99	66			72	54	78	26		0.48	-
7	97	64			66	59	90	33		0.48	0.07
8	94	70			71	61	74	32		0.39	-
9	99	74			73	62	75	31		0.37	-
10	99	74			72	59	68	25		0.36	-
11	104	75			74	69	65	31		0.41	-
12	107	77			74	64	65	25		0.41	-
13	110	81			80	42	74	11		0.49	-
14	106	77			78	59	87	26		0.54	-
15	102	72			68	63	58	24		0.43	-
16	108	78			77	64	76	29		0.46	-
17	107	78			77	68	67	27		0.45	-
18	110	74			69	62	46	23		0.47	-
19	109	72			68	57	50	19		0.52	-
20	110	70			65	68	49	25		0.51	-
21	114	76			70	61	47	19		0.54	-
22	114	78			78	67	64	32		0.57	-
23	104	84			85	59	84	22		0.42	-
24	110	81			83	63	77	23		0.50	-
25	112	84			82	64	71	26		0.49	-
26	108	70			67	40	47	11		0.44	-
27	107	70			68	47	60	15		0.53	-
28	105	63			53	50	31	15		0.54	-
29	108	69			64	59	48	20		0.53	-
30	110	72			71	55	58	19		0.55	-
31	112	75			74	63	68	23		0.51	-
Tot:										14.63	0.07
Ave:	105	73									

GOJRA

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	112	80			79	55	67	18		0.51	-
2	111	82			81	66	74	25		0.56	-
3	110	85			86	62	88	27		0.59	-
4	103	69			68	68	70	38		0.58	0.17
5	100	75			74	66	68	39		0.42	-
6	102	68			68	72	66	40		0.59	0.57
7	103	76			75	73	72	44		0.39	-
8	102	75			72	68	59	38		0.44	-
9	104	76			73	56	68	22		0.42	-
10	106	78			76	69	63	30		0.40	-
11	109	80			80	70	74	31		0.46	-
12	111	85			84	68	71	25		0.56	-
13	114	84			83	66	71	23		0.52	-
14	113	85			85	75	66	30		0.50	-
15	115	82			81	63	74	22		0.51	-
16	112	85			86	67	88	25		0.49	-
17	112	85			85	71	84	25		0.51	-
18	116	87			87	73	88	36		0.53	-
19	108	86			88	80	85	50		0.43	-
20	103	81			83	74	88	39		0.51	-
21	107	85			83	75	71	38		0.41	-
22	107	84			84	72	81	33		0.50	-
23	110	83			83	69	77	26		0.55	-
24	113	85			84	72	71	29		0.51	-
25	113	84			83	73	74	34		0.51	-
26	108	82			84	68	92	38		0.49	-
27	102	80			82	72	88	37		0.50	-
28	105	84			84	72	88	47		0.53	-
29	102	81			78	73	56	39		0.44	-
30	105	86			86	75	78	36		0.49	-
Tot:										14.85	0.74
Ave:	108	81									

GOJRA

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	108	79			79	75	70	43		0.51	0.12
2	105	87			86	74	75	33		0.45	-
3	110	87			87	72	75	31		0.47	-
4	112	77			79	72	70	40		0.57	0.27
5	105	75			76	69	79	44		0.44	0.26
6	98	72			74	77	87	63		0.15*	2.92
7	92	75			78	79	83	56		0.21	-
8	98	75			73	76	75	66		0.38	-
9	92	79			80	79	91	70		0.35	-
10	92	80			80	77	91	67		0.26	-
11	92	78			78	77	87	61		0.19	-
12	100	72			78	75	91	69		0.21*	1.91
13	92	78			79	79	83	64		0.20	-
14	98	84			85	83	88	60		0.31	-
15	100	86			87	81	92	57		0.32	-
16	102	85			86	76	92	43		0.41	-
17	104	84			85	76	92	45		0.45	-
18	102	85			85	75	92	46		0.43	-
19	100	84			85	87	84	78		0.40	-
20	100	80			84	80	92	54		0.46	0.06
21	100	84			84	77	88	47		0.38	-
22	102	83			85	72	92	40		0.42	-
23	102	84			84	69	88	39		0.44	-
24	101	84			85	75	88	47		0.41	-
25	102	84			84	73	88	42		0.42	-
26	101	85			87	77	96	51		0.40	-
27	99	86			86	78	92	49		0.34	-
28	103	83			84	79	84	50		0.41	-
29	103	82			83	76	84	45		0.47	-
30	102	83			83	75	92	50		0.49	-
31	98	84			82	78	92	49		0.44	-
Tot:										11.79	5.54
Ave:	100	81									

* Estimated evaporation.

COJRA

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	101	83			83	68	92	38		0.41	-
2	103	82			83	76	84	45		0.43	-
3	105	84			85	73	92	44		0.46	-
4	104	83			84	74	92	42		0.45	-
5	105	83			84	76	84	45		0.46	-
6	102	84			84	69	88	39		0.43	-
7	103	83			84	72	84	38		0.41	-
8	106	79			76	79	66	45		0.41	-
9	105	71			74	78	83	67		0.46	1.04
10	92	76			79	78	80	56		0.36	-
11	97	81			82	82	88	53		0.29	-
12	103	80			81	78	87	49		0.35	-
13	101	80			81	73	84	44		0.42	-
14	100	82			82	73	92	54		0.38	-
15	94	77			76	75	75	46		0.29	-
16	102	80			82	76	88	41		0.32	-
17	105	82			83	78	88	56		0.40	-
18	98	78			79	79	83	52		0.31	-
19	101	78			76	74	75	52		0.37	-
20	100	80			80	73	87	82		0.36	-
21	94	74			75	76	79	58		0.16	0.12
22	94	76			76	65	79	35		0.26	-
23	99	77			79	74	83	44		0.38	-
24	102	78			75	73	69	54		0.35	-
25	98	76			77	73	79	42		0.32	-
26	102	77			76	74	75	42		0.34	-
27	103	78			78	75	79	55		0.35	-
28	103	79			81	74	91	48		0.36	-
29	100	80			80	71	91	45		0.36	-
30	99	78			80	70	87	44		0.30	-
31	99	77			77	70	83	41		0.29	-
Tot:										11.24	1.16
Ave:	101	79									

GOJRA

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	76			75	74	75	46		0.27	-
2	100	78			77	73	76	40		0.30	-
3	105	79			81	76	84	47		0.35	-
4	103	76			75	73	75	44		0.36	-
5	101	76			74	75	71	46		0.28	-
6	100	75			75	74	75	46		0.32	-
7	100	75			74	69	71	40		0.35	-
8	100	76			81	67	79	40		0.35	-
9	100	76			76	67	79	38		0.37	-
10	100	78			78	72	79	40		0.32	-
11	103	79			81	74	84	42		0.34	-
12	102	79			79	77	83	49		0.33	-
13	100	80			81	74	84	42		0.30	-
14	104	79			80	73	87	48		0.35	-
15	98	78			78	71	83	43		0.33	-
16	99	78			78	75	83	50		0.36	-
17	97	80			81	70	84	53		0.34	-
18	92	70			68	69	70	44		0.26	0.15
19	97	68			69	72	86	68		0.11*	1.33
20	90	71			72	66	90	56		0.14	-
21	87	67			66	65	77	53		0.21	-
22	88	63			63	64	75	48		0.23	-
23	90	62			62	64	75	40		0.24	-
24	95	63			60	66	63	37		0.26	-
25	99	64			61	60	63	34		0.28	-
26	99	63			61	57	67	27		0.26	-
27	99	64			63	68	68	38		0.27	-
28	101	65			64	67	76	33		0.23	-
29	97	65			63	56	72	31		0.29	-
30	97	65			63	53	72	22		0.29	-
Tot:										8.59	1.48
Ave:	98	72									

* Estimated evaporation.

GOJRA

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	67			65	64	72	40		0.24	-
2	100	66			64	60	68	29		0.25	-
3	103	68			67	60	77	38		0.28	-
4	97	67			65	62	72	41		0.30	-
5	99	68			66	69	77	33		0.27	-
6	97	67			66	58	77	32		0.25	-
7	97	65			65	59	76	31		0.22	-
8	97	66			64	59	72	31		0.21	-
9	98	66			65	58	72	32		0.23	-
10	97	64			63	71	72	49		0.22	-
11	98	62			63	72	84	47		0.22	-
12	99	62			60	69	63	44		0.23	-
13	99	62			60	70	63	44		0.21	-
14	100	63			61	65	63	41		0.20	-
15	99	63			61	70	71	47		0.21	-
16	99	62			62	73	75	52		0.23	-
17	99	62			63	67	75	45		0.22	-
18	97	66			67	67	90	60		0.22	-
19	85	59			60	60	79	46		0.24	-
20	96	60			56	64	61	44		0.21	-
21	93	64			64	56	89	46		0.23	-
22	81	56			55	51	73	39		0.19	0.04
23	80	54			54	55	77	43		0.22	-
24	84	53			46	61	53	44		0.19	-
25	88	52			54	59	77	40		0.19	-
26	89	53			56	60	82	46		0.20	-
27	88	52			50	59	76	41		0.18	-
28	89	52			51	60	81	42		0.17	-
29	88	52			48	58	65	43		0.17	-
30	89	52			51	61	76	44		0.16	-
31	90	53			52	64	63	53		0.16	-
Tot:										6.72	0.04
Ave:	94	61									

GOJRA

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	89	53			53	64	82	48		0.16	-
2	89	54			53	63	87	50		0.16	-
3	90	53			55	64	94	48		0.17	-
4	89	53			59	63	88	47		0.16	-
5	91	52			55	63	88	43		0.17	-
6	91	52			52	58	81	39		0.16	-
7	90	52			50	61	76	44		0.15	-
8											
9											
10	90	52			53	59	82	41		0.43+	-
11	91	53			52	60	81	42		0.15	-
12	87	54			54	63	88	58		0.15	-
13	82	56			55	66	88	63		0.14	-
14	88	55			56	66	94	56		0.15	-
15	86	54			53	64	82	55		0.16	-
16	86	53			54	65	88	62		0.14	-
17	87	56			55	64	88	68		0.13	-
18	84	54			56	64	94	65		0.12	-
19	86	54			54	65	93	65		0.12	-
20	85	56			56	63	94	64		0.12	-
21	84	56			55	63	88	61		0.12	-
22	83	57			57	57	94	62		0.10	-
23	75	52			52	55	97	58		0.12	-
24	74	52			51	54	91	68		0.12	-
25	72	49			49	55	86	69		0.12	-
26	72	47			46	54	85	60		0.12	-
27	74	48			48	57	93	74		0.10	-
28	76	48			48	58	93	70		0.10	-
29	73	47			48	59	93	66		0.10	-
30	77	45			44	59	85	66		0.11	-
Tot:										4.05	0.00
Ave:											

+ 3 days observation.

GOJRA

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	46			46	59	92	62		0.12	-
2	81	44			44	59	92	59		0.11	-
3	83	44			44	57	92	58		0.11	-
4	80	45			46	55	92	64		0.10	-
5	77	46			46	58	92	66		0.10	-
6	77	45			46	59	92	66		0.09	-
7	78	47			47	57	80	62		0.10	-
8	78	51			51	54	93	68		0.09	-
9	73	53			54	55	93	77		0.10	-
10	67	45			44	51	85	71		0.09	-
11	66	43			44	52	92	67		0.08	-
12	69	41			42	52	92	67		0.09	-
13	73	41			39	54	84	68		0.10	-
14	76	42			42	56	92	65		0.10	-
15	75	43			45	53	85	68		0.10	-
16	71	48			48	51	93	71		0.08	-
17	66	50			51	53	93	82		0.07	-
18	63	47			48	55	93	73		0.04	0.03
19	70	46			46	57	92	78		0.06	-
20	70	43			43	59	92	83		0.07	-
21	72	44			44	56	92	73		0.07	-
22	72	46			47	46	93	56		0.08	-
23	73	48			50	53	93	72		0.08	-
24	67	49			49	49	86	61		0.05	0.11
25	66	48			48	51	93	66		0.08	-
26	65	46			46		92			0.08	-
27	67	46			45	49	85	70		0.07	-
28	65	42			42	43	92	58		0.09	-
29	64	36			34	42	82	58		0.10	-
30	63	35			32	49	73	70		0.08	-
31	65	33			34	51	82	76		0.10	-
Tot:										2.68	0.14
Ave:	71	45									

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GOTH AMUN - 1972

Location	Latitude 25°26', Longitude 66°52'.
Elevation	250 ± ft-msl.
Period of record:	Rainfall station since 1961, full observatory established by Surface Water Hydrology Project, w.e.f. January 1972.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau standard evaporation pan. Anemometer.
Annual figures	Precipitation 2.41 inches. Evaporation (Pan) 119.50 inches. Absolute maximum air temperature 108°F Absolute minimum air temperature 42°F
Remarks	Observations of Precipitation, pan evaporation, maximum and minimum temperaures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

GOTH AMUN

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	80	56	77	54	55	55	77	43	39	0.18	-
2	83	56	79	54	56	51	88	41	33	0.20	-
3	80	52	75	50	41	43	53	32	47	0.23	-
4	78	50	73	46	35	43	49	29	43	0.20	-
5	82	52	74	47	32	40	37	27	37	0.22	-
6	80	50	75	46	35	33	49	20	36	0.20	-
7	82	48	75	45	28	24	35	14	32	0.20	-
8	80	48	72	44	29	40	38	27	63	0.23	-
9	80	50	73	46	28	49	32	36	19	0.18	-
10	82	52	76	50	43	46	63	34	17	0.15	-
11	80	52	74	50	41	53	53	47	33	0.18	-
12	78	52	72	50	43	43	63	29	35	0.20	-
13	82	50	76	48	38	52	51	44	31	0.23	-
14	79	54	76	52	46	46	64	34	48	0.25	-
15	80	52	78	50	43	41	63	30	19	0.20	-
16	79	54	78	52	46	51	64	41	36	0.18	-
17	80	56	78	54	47	64	61	72	27	0.20	-
18	78	61	76	56	51	62	59	58	112	0.28	-
19	82	60	80	56	59	72	62	82	50	0.30	-
20	82	64	76	58	52	59	53	46	74	0.28	-
21	85	58	80	54	48	56	65	46	46	0.25	-
22	81	52	78	50	38	41	51	30	55	0.20	-
23	78	48	74	46	32	46	40	41	27	0.18	-
24	75	52	68	50	41	54	53	54	16	0.16	-
25	76	56	73	52	38	56	38	52	23	0.20	-
26	79	56	77	56	53	51	76	41	33	0.22	-
27	80	56	78	54	50	50	76	46	27	0.20	-
28	76	52	74	50	42	62	58	71	31	0.23	-
29	78	57	76	56	61	67	79	77	39	0.18	-
30	78	64	78	64	63	65	68	69	63	0.20	-
31	80	64	80	64	67	61	90	79	62	0.18	-
Tot:										6.49	0.00
Ave:	80	54	76	52					40		

GOTH AMUN

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	70	60	70	60	59	53	88	72	12	0.17	0.82
2	66	52	66	52	50	51	87	81	17	0.10	-
3	60	46	65	46	33	51	47	62	2	0.09	0.05
4	68	48	70	46	43	48	73	53	27	0.15	-
5	68	42	70	42	36	48	69	53	43	0.20	-
6	68	42	70	42	33	49	56	51	28	0.18	-
7	72	44	72	44	36	52	58	53	32	0.20	-
8	73	48	73	44	43	53	73	47	41	0.22	-
9	76	50	75	48	41	57	61	55	33	0.23	-
10	76	50	76	48	38	63	51	72	36	0.20	-
11	76	53	76	53	46	52	60	63	97	0.26	0.02
12	68	45	70	40	41	45	77	52	115	0.32	-
13	65	45	65	41	39	42	65	36	94	0.28	-
14	72	43	69	41	38	44	70	35	60	0.25	-
15	75	44	73	44	41	50	53	48	45	0.28	-
16	72	54	73	47	32	57	37	58	107	0.32	-
17	74	54	76	48	35	56	42	52	66	0.28	-
18	77	52	79	50	46	56	74	52	33	0.25	-
19	78	52	78	50	48	60	75	54	33	0.22	-
20	81	54	81	52	50	58	76	50	38	0.24	-
21	84	54	80	52	50	62	76	58	45	0.27	-
22	82	54	80	52	50	67	76	73	40	0.25	-
23	80	52	82	48	48	63	75	80	121	0.27	-
24	72	46	73	42	38	50	60	55	108	0.32	-
25	70	44	72	40	36	52	58	53	108	0.30	-
26	72	42	74	40	26	55	42	58	46	0.30	-
27	75	46	76	43	25	57	32	55	46	0.26	-
28	77	46	77	46	43	56	73	52	43	0.28	-
29	77	46	77	46	43	55	73	47	60	0.30	-
Tot:										6.99	0.89
Ave:	73	49							54		

GOTH AMUN

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	48	80	46	42	46	67	29	51	0.27	-
2	85	50	82	46	38	56	44	44	52	0.30	-
3	86	54	82	50	48	63	65	64	48	0.28	-
4	80	58	82	54	55	64	77	59	51	0.30	-
5	83	53	80	53	53	56	76	55	63	0.30	-
6	87	56	85	54	53	56	76	52	30	0.25	-
7	80	58			55	61	77	51	67	0.30	-
8	85	60			57	61	78	51	38	0.32	-
9	84	62			61	63	89	53	52	0.30	-
10	87	64			63	56	80	36	19	0.26	-
11	92	60			53	65	68	65	39	0.30	-
12	82	60			62	57	84	42	46	0.28	0.03
13	85	56			52	70	63	61	47	0.30	-
14	89	60			58	65	70	53	31	0.26	-
15	88	60			47	70	49	67	40	0.30	-
16	86	64			66	61	80	42	44	0.27	-
17	91	68			64	77	72	72	67	0.30	-
18	92	70			63	63	68	43	48	0.28	-
19	92	70			68	67	81	60	57	0.26	-
20	86	64			60	68	70	66	86	0.28	-
21	84	64			61	68	79	52	74	0.32	-
22	92	64			54	64	54	36	39	0.32	-
23	98	66			53	70	47	47	41	0.35	-
24	98	66			64	67	72	49	43	0.37	-
25	94	66			61	69	63	58	47	0.32	-
26	92	70			70	72	86	62	67	0.35	-
27	94	72			69	73	73	57	71	0.37	-
28	96	72			70	68	81	55	58	0.38	-
29	90	70			54	59	41	31	65	0.32	-
30	98	66			54	57	54	33	47	0.30	-
31	94	62			49	57	51	33	40	0.26	-
Tot:										9.37	0.03
Ave:	89	63							51		

GOTH AMUN

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	60			48	63	53	43	50	0.30	-
2	94	62			67	69	90	67	50	0.30	-
3	85	70			70	69	81	60	58	0.32	-
4	90	72			70	71	81	64	85	0.30	-
5	88	70			70	65	81	46	58	0.27	-
6	92	66			67	64	90	53	44	0.25	-
7	88	68			67	72	73	68	56	0.30	-
8	90	68			70	56	81	29	47	0.32	-
9	96	68			58	63	50	36	44	0.30	-
10	98	68			57	63	55	36	47	0.32	-
11	98	68			57	61	55	32	81	0.36	-
12	100	70			63	59	64	31	70	0.38	-
13	98	70			64	61	72	32	50	0.36	-
14	100	68			67	69	73	42	70	0.40	-
15	100	70			75	69	91	42	58	0.38	-
16	100	70			72	72	82	71	132	0.30	-
17	86	68			68	71	81	64	78	0.35	-
18	88	70			70	67	81	49	55	0.32	-
19	92	70			67	67	77	47	45	0.37	-
20	94	72			70	69	81	50	60	0.36	-
21	94	72			72	69	82	58	44	0.32	-
22	90	70			70	65	81	49	54	0.34	-
23	92	74			72	72	82	68	37	0.35	-
24	88	70			71	73	90	65	103	0.38	-
25	90	72			74	77	86	76	102	0.40	-
26	90	75			74	77	86	76	130	0.38	-
27	90	74			72	72	82	68	116	0.38	-
28	88	70			72	81	82	70	99	0.40	-
29	96	72			74	88	83	78	53	0.42	-
30	100	74			75	88	91	78	50	0.40	-
Tot:										10.33	0.00
Ave:	93	70							68		

GOTH AMUN

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	74			75	78	91	64	67	0.46	-
2	96	72			74	80	83	65	49	0.48	-
3	98	74			77	76	91	63	57	0.40	-
4	94	74			74	80	83	76	47	0.46	-
5	92	74			74	77	83	76	59	0.42	-
6	90	72			72	77	82	69	74	0.48	-
7	92	74			75	77	91	69	89	0.42	-
8	92	74			74	78	83	64	80	0.48	-
9	96	76			77	78	91	64	78	0.45	-
10	96	76			77	83	91	74	77	0.48	-
11	96	78			78	82	83	65	25	0.40	-
12	100	80			81	87	91	66	60	0.42	-
13	104	78			79	86	91	78	92	0.48	-
14	98	76			78	85	79	56	71	0.45	-
15	108	78			79	90	80	72	59	0.48	-
16	100	78			78	88	83	82	72	0.43	-
17	100	74			76	88	83	62	56	0.40	-
18	108	78			78	88	83	62	55	0.42	-
19	108	78			78	86	83	61	63	0.45	-
20	106	76			76	88	83	62	82	0.48	-
21	108	78			78	86	83	61	62	0.50	-
22	106	76			76	87	83	66	51	0.47	-
23	104	76			77	89	91	67	92	0.48	-
24	106	78			78	87	83	66	95	0.50	-
25	104	78			79	90	91	79	115	0.52	-
26	102	72			70	87	61	66	135	0.48	-
27	104	72			71	87	64	72	98	0.50	-
28	104	78			78	84	83	77	84	0.50	-
29	96	76			76	85	83	72	53	0 46	-
30	100	78			78	85	83	84	145	0.52	-
31	94	80			75	83	75	74	71	0.46	-
Tot:										14.33	0.00
Ave:	100	76							74		

GOTH AMUN

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	82			78	82	83	77	57	0.42	-
2	94	80			81	84	87	77	86	0.40	-
3	96	80			81	84	87	71	69	0.42	-
4	98	80			78	83	79	77	79	0.40	-
5	95	82			81	84	91	77	104	0.37	-
6	96	82			81	84	87	81	54	0.35	-
7	95	80			81	83	91	71	155	0.40	-
8	98	80			81	83	91	81	47	0.37	-
9	94	78			79	84	91	77	66	0.33	-
10	96	80			81	85	87	81	82	0.36	-
11	96	82			81	84	84	77	67	0.35	-
12	96	82			81	85	84	78	82	0.37	-
13	97	82			81	84	84	77	66	0.40	-
14	96	80			77	82	76	77	88	0.38	-
15	94	82			81	82	84	77	109	0.42	-
16	94	82			81	82	84	77	117	0.40	-
17	94	80			78	81	83	70	130	0.42	-
18	94	82			81	83	84	81	171	0.45	-
19	94	82			81	82	87	80	170	0.43	-
20	93	82			81	83	84	84	146	0.42	-
21	92	82			81	80	87	74	114	0.40	-
22	94	80			78	81	79	77	80	0.38	-
23	94	80			78	82	83	71	69	0.40	-
24	97	82			81	82	84	68	57	0.42	-
25	98	82			81	82	84	65	84	0.42	-
26	100	84			83	82	92	60	80	0.45	-
27	102	84			83	81	92	55	50	0.40	-
28	104	84			83	82	84	68	66	0.40	-
29	100	76			77	83	76	81	69	0.37	0.30
30	96	84			83	82	84	60	29	0.28	0.03
Tot:										11.78	0.33
Ave:	96	81							88		

GOTH AMUN

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	102	86			83	86	84	59	113	0.40	-
2	107	88			81	81	70	84	148	0.52	-
3	98	78			77	80	76	76	31	0.34	0.67
4	98	80			78	81	83	84	94	0.32	0.04
5	90	82			77	81	76	77	128	0.30	-
6	93	80			77	83	76	84	167	0.40	-
7	92	82			81	81	91	84	119	0.32	0.06
8	90	80			81	81	84	74	25	0.15	0.31
9	95	82			81	79	84	70	70	0.33	0.03
10	93	82			77	79	76	70	85	0.35	-
11	93	84			77	79	69	73	129	0.38	-
12	92	84			77	79	76	76	154	0.35	-
13	90	82			77	78	76	69	135	0.30	-
14	92	82			76	78	75	69	117	0.32	-
15	92	82			78	79	79	70	121	0.34	-
16	92	82			79	79	80	73	123	0.34	-
17	92	82			79	79	80	73	124	0.35	-
18	92	82			79	79	80	73	131	0.33	-
19	92	82			77	78	76	73	134	0.35	-
20	91	82			76	77	75	69	133	0.37	-
21	90	80			75	75	75	65	141	0.37	-
22	91	80			74	75	71	65	149	0.38	-
23	92	80			75	75	75	65	175	0.40	-
24	92	80			75	75	75	63	169	0.42	-
25	93	80			75	75	75	69	183	0.43	-
26	90	80			75	75	75	69	169	0.42	-
27	90	80			75	75	75	69	142	0.40	-
28	90	80			74	75	75	69	110	0.36	-
29	90	80			73	74	68	68	119	0.36	-
30	89	78			72	75	68	65	164	0.35	-
31	91	80			74	75	71	63	140	0.36	-
Tot:										11.11	1.11
Ave:	93	81							127		

GOTH AMUN

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	92	80			75	77	75	69	110	0.38	-
2	92	80			76	75	83	65	122	0.38	-
3	92	80			73	73	75	65	178	0.39	-
4	90	80			73	74	75	71	89	0.38	-
5	88	78			74	74	83	71	138	0.34	-
6	88	78			74	74	83	71	107	0.30	-
7	88	78			73	73	75	65	111	0.32	-
8	90	78			74	75	83	65	108	0.35	-
9	92	78			73	73	78	65	120	0.32	-
10	90	78			74	74	83	71	108	0.38	-
11	88	76			72	71	82	64	120	0.38	-
12	88	76			72	72	82	71	120	0.35	-
13	86	74			69	72	73	68	127	0.32	-
14	88	76			71	71	78	64	123	0.35	-
15	88	76			71	71	74	61	92	0.34	-
16	90	74			72	72	82	68	91	0.36	-
17	88	74			72	82	82	68	119	0.37	-
18	88	74			73	71	91	61	90	0.35	-
19	90	76			74	73	83	62	59	0.34	-
20	92	76			72	72	82	65	72	0.35	-
21	89	76			72	72	82	65	100	0.32	-
22	89	76			72	72	82	68	89	0.35	-
23	88	77			73	73	82	65	80	0.36	-
24	90	78			73	73	75	62	87	0.35	-
25	92	80			87	76	84	63	76	0.35	-
26	94	78			76	76	83	63	61	0.37	-
27	94	78			76	66	83	43	66	0.37	-
28	98	74			72	67	82	47	84	0.42	-
29	98	74			72	68	82	45	88	0.39	-
30	98	74			72	66	82	43	78	0.40	-
31	96	72			70	70	81	55	82	0.40	-
Tot:										11.13	0.00
Ave:	91	77							100		

GOTH AMUN

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	74			72	71	82	61	71	0.38	-
2	90	74			72	72	82	68	69	0.36	-
3	90	74			72	72	82	68	101	0.36	-
4	88	74			72	72	82	68	128	0.38	-
5	88	76			71	72	74	68	128	0.40	-
6	88	76			72	71	82	64	118	0.38	-
7	88	76			72	71	82	64	113	0.32	-
8	88	78			74	74	83	71	85	0.32	-
9	85	75			73	72	82	68	77	0.34	-
10	88	74			72	71	82	61	53	0.32	-
11	90	75			73	73	78	62	76	0.35	-
12	92	76			74	71	83	56	58	0.38	-
13	93	76			74	72	83	59	44	0.38	-
14	92	76			74	72	83	59	63	0.36	-
15	92	75			73	72	82	68	176	0.40	-
16	88	74			72	74	82	71	131	0.37	-
17	88	74			72	74	82	71	149	0.36	-
18	88	74			73	73	91	57	126	0.34	-
19	94	76			74	73	83	62	63	0.32	-
20	92	72			57	49	53	21	40	0.40	-
21	98	74			72	68	82	52	45	0.36	-
22	92	74			72	65	82	38	51	0.38	-
23	98	68			66	59	80	30	49	0.37	-
24	102	68			61	50	63	22	46	0.40	-
25	100	64			59	66	79	43	49	0.37	-
26					69	69	73	60	50	0.40	-
27	88	70			70	71	81	64	70	0.42	-
28	88	74			73	70	91	61	79	0.38	-
29	88	74			73	71	91	61	68	0.34	-
30	90	72			71	69	90	58	59	0.32	-
Tot:										10.96	0.00
Ave:									81		

GOTH AMUN

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	74			72	69	82	58	47	0.30	-
2	90	74			73	69	91	58	56	0.32	-
3	90	74			72	68	82	52	49	0.27	-
4	92	72			72	67	82	47	45	0.30	-
5	98	72			61	55	51	24	57	0.35	-
6	102	76			53	44	38	16	47	0.42	-
7	102	72			52	52	38	23	38	0.45	-
8	100	68			55	65	49	44	46	0.42	-
9	94	72			69	65	73	44	49	0.45	-
10	94	72			69	65	73	46	37	0.45	-
11	92	70			67	63	73	43	40	0.42	-
12	92	70			67	65	73	44	35	0.40	-
13	94	72			69	67	73	41	60	0.42	-
14	98	74			72	66	82	37	75	0.45	-
15	100	68			63	61	64	33	24	0.37	-
16	98	72			69	61	73	33	46	0.35	-
17	98	70			70	69	86	60	48	0.37	-
18	88	68			68	63	81	41	45	0.35	-
19	96	70			63	69	64	50	44	0.36	-
20	94	70			67	71	73	61	42	0.32	-
21	92	72			70	73	81	57	47	0.30	-
22	96	70			62	59	58	36	32	0.30	-
23	94	68			58	57	56	33	35	0.33	-
24	94	68			59	57	59	33	45	0.34	-
25	94	68			60	51	67	24	40	0.32	-
26	96	66			48	41	40	17	39	0.30	-
27	96	72			41	41	25	18	50	0.35	-
28	94	68			47	52	44	29	69	0.40	-
29	92	62			42	46	36	23	39	0.38	-
30	92	64			42	46	36	23	39	0.36	-
31	94	65			42	50	36	25	41	0.35	-
Tot:	95	70							45	11.27	0.00

GOTH AMUN

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Raig inches
1	94	66			61	51	63	24	29	0.27	-
2	95	66			63	51	80	24	19	0.26	-
3	96	68			57	52	55	28	38	0.27	-
4	94	66			36	29	25	11	51	0.30	-
5	96	66			39	45	30	19	51	0.40	-
6	96	65			45	47	38	23	38	0.31	-
7	94	64			42	39	36	16	42	0.33	-
8	95	60			36	39	26	19	87	0.34	-
9	90	64			35	53	30	34	22	0.30	-
10	88	62			39	54	32	26	52	0.32	-
11	98	65			54	41	46	21	64	0.35	-
12	89	64			51	56	59	36	7	0.38	-
13	90	64			59	59	79	37	38	0.40	-
14	92	65			64	53	89	33	39	0.33	-
15	90	66			63	51	80	27	71	0.33	-
16	93	68			60	68	67	63	17	0.28	-
17	86	64			65	57	89	37	32	0.22	-
18	91	62			49	43	51	21	21	0.21	-
19	92	64			41	44	38	20	27	0.30	-
20	94	63			40	46	35	24	39	0.32	-
21	90	66			52	51	53	30	38	0.36	-
22	90	62			61	54	79	41	34	0.32	-
23	84	60			39	41	34	25	48	0.34	-
24	84	58			43	41	44	25	38	0.32	-
25	83	56			41	40	46	26	34	0.34	-
26	82	58			44	46	48	34	39	0.28	-
27	80	56			46	45	64	30	46	0.27	-
28	83	56			38	43	44	29	36	0.25	-
29	82	56			41	47	53	31	21	0.20	-
30	84	56			45	36	55	20	34	0.24	-
Tot:										9.14	0.00
Ave:	90	63							38		

GOTH AMUN

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	85	56			35	48	36	28	44	0.28	-
2	87	56			35	38	36	22	38	0.26	-
3	88	54			35	38	36	22	42	0.28	-
4	86	56			38	38	44	22	53	0.23	-
5	86	56			35	49	36	34	34	0.25	-
6	84	58			45	54	55	41	28	0.21	-
7	84	58			49	63	58	61	25	0.18	-
8	81	58			55	48	77	42	32	0.17	-
9	76	52			32	32	34	23	77	0.20	-
10	76	46			33	39	47	30	38	0.20	-
11	78	48			32	33	40	21	30	0.23	-
12	79	50			30	40	39	27	48	0.25	-
13	80	52			34	45	41	32	57	0.27	-
14	81	54			32	47	34	31	34	0.24	-
15	84	58			41	47	46	30	23	0.20	-
16	86	58			51	56	59	46	14	0.18	-
17	82	64			49	53	51	56	17	0.18	0.02
18	72	58			55	58	77	66	45	0.10	0.03
19	73	56			54	53	88	45	9	0.11	-
20	80	55			51	54	76	54	14	0.18	-
21	78	56			54	54	88	54	19	0.20	-
22	78	55			51	54	76	48	20	0.21	-
23	80	56			56	57	88	53	31	0.22	-
24	80	60			59	53	79	45	34	0.18	-
25	79	58			55	43	77	31	76	0.25	-
26	80	58			53	39	68	32	8	0.20	-
27	73	50			27	30	36	23	39	0.23	-
28	72	46			29	28	45	21	18	0.22	-
29	72	42			17	32	29	24	20	0.21	-
30	74	44			22	28	32	21	29	0.23	-
31	74	46			22	37	32	24	48	0.25	-
Tot:										6.60	0.05
Ave:	80	54							34		

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GOTH HAJI KARIM BUX - 1972

Location Latitude 26°25', Longitude 64°12',.

Elevation

Period of record. Observatory installed by Surface Water Hydrology Project WAPDA in March 1970.

Instruments
5" Non-recording rain gauge.
U.S. Universal weighing type recording rain gauge.
Maximum and Minimum air temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau standard evaporation pan.
Anemometer.

Annual figures

Precipitation	6.52 inches
Evaporation (Pan)	179.09 inches
Absolute Maximum air temperature	108°F
Absolute Minimum air temperature	26°F

Remarks
Annual figures are calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown.
Blank space indicates no record.
(-) Indicates no precipitation.

GOTH HAJI KARIM BUX

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	71	42			22	22	43	28	81	0.32	-
2	59	36			27	22	57	23	75	0.22	-
3	63	31			22	19	67	20	55	0.21	-
4	63	32			22	24	43	27	74	0.20	-
5	63	33			25	22	56	28	92	0.28	-
6	60	38			23	18	54	25	134	0.31	-
7	62	30			29	24	89	27	121	0.26	-
8	67	32			21	19	39	22	32	0.18	-
9	63	39			22	19	43	22	107	0.22	-
10	63	32			21	19	42	20	98	0.29	-
11	64	39			24	18	45	18	94	0.27	-
12	65	35			21	28	52	25	56	0.24	-
13	70	39			43	35	85	36	55	0.24	-
14	65	34			30	35	80	42	73	0.26	-
15	70	36			35	41	68	41	37	0.23	-
16	70	45			52	49	93	58	83	0.24	-
17	70	48			48	41	100	41	67	0.18	-
18	69	46			44	38	92	38	51	0.22	-
19	69	47			34	33	48	35	45	0.24	-
20	67	50			48	41	93	43	143	0.22	-
21	68	46			46	33	92	51	74	0.24	-
22	56	32			26	24	78	29	155	0.24	-
23	63	32			28	28	79	27	48	0.20	-
24	67	36			47		100		75	0.27	-
25	68	46				37		35	66	0.15	-
26	68	38			40	41	100	46	42	0.20	-
27	66	42			47	48	80	53	39	0.20	-
28	69	54			54	56	93	78	63	0.20	-
29	66	56			54	54	93	68	90	0.13	0.10
30	71	56			58	55	100	100	60	0.12	0.17
31	63	38			33	25	81	69	112	0.08*	1.20
Tot:										6.86	1.47
Ave:	66	40							77		

* Estimated evaporation.

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	39	31			19	27	57	30	153	0.06	1.18
2	38	31			26	32	78	90	147	0.07	-
3	38	34			26	30	78	72	133	0.13	-
4	41	32			26	27	78	57	129	0.15	-
5	44	30			34	34	69	68	160	0.20	-
6	47	34			40	40	45	84	118	0.20	-
7	54	30			48	48	67	86	86	0.18	-
8	59	38			48	48	23	75	50	0.17	-
9	64	40			47	47	26	57	74	0.24	-
10					53	53	34	76	50	0.24	-
11	66	34			35	35	79	82	197	0.40	-
12	44	39			22	22	77	43	236	0.40	-
13	46	30			39	39	40	84	170	0.20	-
14	55	27			43	43	76	67	109	0.24	-
15	62	34			41	41	54	53	93	0.38	-
16	64	38			55	55	47	77	41	0.20	-
17	67	40			57	57	68	74	40	0.19	-
18					59	59	57	83	50	0.22	-
19	68	49			63	63	85	84	65	0.22	-
20	72	52			61	61	74	79	58	0.27	-
21	73	51			59	59	66	79	77	0.35	-
22	73	38			39	39	63	77	28	0.37	-
23	52	30			10	10	35	26	254	0.32	-
24	45	28			16	16		34	233	0.47	-
25	44	30			39	39		84	207	0.30	-
26	49	31			49	49	44	86	196	0.22	-
27	57	33			45	45	69	73	117	0.32	-
28	58	27			46	46	29	74	85	0.32	-
29					55	55	51	73	135	0.41	-
Tot:										7.44	1.18
Ave:									120		

GOTH HAJI KARIM BUX

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	69	38			28	53	52	56	31	0.30	-
2	73	44			36	63	58	75	16	0.32	-
3	75	50			47	59	80	74	88	0.57	-
4	70	45			38	58	76	83	95	0.35	-
5	67	41			20	64	37	72	125	0.45	-
6	77	43			50	66	87	69	47	0.38	-
7					53	61	72	71	54	0.44	-
8	83	58			54	60	73	81	103	0.34	-
9	78	56			53	55	82	58	5	0.34	-
10	79	56			48	57	75	55	72	0.37	0.09
11	79	58			55	52	82	87	106	0.54	-
12	62	49			41	60	71	94	89	0.24	0.77
13	67	44			30	60	54	84	49	0.23	-
14	76	55			50	57	76	62	44	0.29	-
15	76	55			49	66	75	80	107	0.42	-
16	78	55			48	64	75	76	75	0.33	-
17	75	56			51	69	76	81	83	0.34	-
18	80	59			53	59	76	62	74	0.38	-
19	78	58			54	57	77	55	79	0.33	-
20	80	53			47	70	80	81	80	0.48	-
21	79	53			47	74	74	87	25	0.30	-
22	84	55			55	82	77	96	31	0.39	-
23	89	61			54	77	60	69	41	0.43	-
24	90	61			57	78	74	69	41	0.47	-
25	91	59			53	80	68	80	35	0.42	-
26	90	60			53	48	60	42	43	0.45	-
27	92	62			36	19	26	9	70	0.59	-
28	86	58			40	25	45	13	90	0.71	-
29	80	56			19	1	22	6	151	0.72	-
30	72	54			6	6	12	7	148	0.71	-
31	74	43			21	33	29	1	95	0.53	-
Tot:										13.18	0.86
Ave:									71		

GOTH HAJI KARIM BUX

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	46			22	13	25	7	58	0.49	-
2	84	56			38	41	38	24	41	0.47	-
3	86	61			55	35	64	17	74	0.55	-
4	84	59			49	46	58	24	129	0.65	-
5	80	56			46	13	64	7	73	0.49	-
6	84	57			49	33	58	16	68	0.61	-
7	83	58			41	20	41	9	64	0.54	-
8	84	61			32	27	29	9	69	0.52	-
9	79	56			46	27	60	14	138	0.65	-
10	81	51			32	31	40	15	80	0.56	-
11	86	55			45	29	55	13	39	0.47	-
12	88	59			42	36	36	16	55	0.55	-
13	90	60			42	36	34	16	54	0.56	-
14	89	65			49	46	45	24	76	0.64	-
15	87	64			51	48	47	28	97	0.67	-
16	86	64			50	45	55	28	128	0.73	-
17	75	54			47	40	61	36	99	0.34	-
18	80	54			33	29	33	16	95	0.56	-
19	79	49			32	34	32	19	63	0.45	-
20	82	62			48	49	47	24	58	0.46	-
21	80	58			56	53	88	47	63	0.27	-
22	76	61			55	53	73	45	86	0.44	-
23	76	62			61	54	89	57	61	0.28	-
24	75	60			61	49	89	34	81	0.29	-
25	81	63			58	56	66	44	76	0.46	-
26	81	63			61	55	89	49	111	0.47	-
27	76	59			55	48	73	33	98	0.41	-
28	81	59			53	37	64	19	47	0.42	-
29	84	56			43	36	41	17	60	0.45	-
30	86	56			42	39	36	19	54	0.47	-
Tot:										14.92	0.00
Ave:	82	58							77		

GOTH HAJI KARIM BUX

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	88	60			51	43	56	21	58	0.46	-
2	89	59			47	51	37	24	76	0.61	-
3	94	70			51	67	35	49	77	0.65	-
4	89	69			61	45	63	25	145	0.81	-
5	86	58			58	71	70	64	116	0.85	-
6	85	61			54	60	53	46	116	0.7	-
7	85	65			30	44	21	23	109	0.7	-
8	89	66			58	47	59	25	117	0.7	-
9	89	64			49	44	43	20	126	0.8	-
10	91	66			49	42	36	17	53	0.5	-
11	96	67			48	48	28	22	53	0.6	-
12	94	74			46	51	29	26	101	0.8	-
13	93	65			44	61	35	51	119	0.9	-
14	91	63			53	51	47	27	83	0.6	-
15	91	73			43	56	25	29	78	0.6	-
16	94	64			43	60	31	34	96	0.7	-
17	95	68			51	59	41	34	79	0.7	-
18	96	66			46	62	24	31	58	0.6	-
19	99	69			56	61	36	44	83	0.7	-
20	97	67			53	60	34	46	80	0.7	-
21	96	65			50	55	33	37	80	0.7	-
22	93	66			52	60	38	34	125	0.9	-
23	94	69			55	61	51	47	164	0.8	-
24	86	66			43	61	29	47	152	0.8	-
25	87	64			54	61	54	47	101	0.6	-
26	86	64			51	69	41	50	148	0.7	-
27	92	66			55	45	51	19	138	0.8	-
28	94	61			42	65	27	38	98	0.7	-
29	96	64			51	74	39	52	107	0.7	-
30	98	73			65	79	53	59	61	0.7	-
31	99	76			71	76	61	51	79	0.6	-
Tot:										22.96	0.00
Avg:	92	66							99		

GOTH HAJI KARIM BUX

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	99	74			70	87	67	66	80	0.69	-
2	102	74			69	89	60	72	150	0.93	-
3	95	70			72	80	71	65	129	0.84	-
4	98	74			73	87	62	75	129	0.86	-
5	100	61			35	75	17	50	140	0.85	-
6	98	70			72	90	65	89	142	0.93	-
7	96	68			70	79	67	56	52	0.65	-
8	99	69			68	75	63	49	71	0.80	-
9	99	77			71	76	61	51	86	0.75	-
10	99	71			74	96	68	83	88	0.74	-
11	104	74			75	94	72	79	48	0.73	-
12	104	74			80	99	76	96	92	0.75	-
13	102	73			78	99	79	93	97	0.83	-
14	104	75			82	104	77	93	69	0.78	-
15	108	76			80	101	76	93	78	0.79	-
16	106	79			81	98	84	86	71	0.72	-
17	105	76			78	101	87	86	79	0.89	-
18	107	78			83	97	88	93	110	0.75	-
19	102	79			81	98	87	89	206	1.09	-
20	104	82			81	72	91	38	110	0.92	-
21	104	78			78	75	83	46	99	0.73	-
22	102	78			77	78	83	79	17	0.75	-
23	107	77			77	76	87	87	19	0.78	-
24	100	75				78	82	83	18	0.75	-
25	105	76			81	90	87	75	18	0.80	-
26	103	78							9	0.73	-
27	102	77			82	90	80	92	25	0.76	-
28	104	78			81		84			0.29*	1.50
29	101	74			79	81	83	84		0.51	-
30	103	76			82	80	80	87		0.38	-
Tot:										22.77	1.50
Ave:	102	75									

* Estimated evaporation.

GOTH HAJI KARIM BUX

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain nches
1	100	79			86	81	78	84		0.45	-
2	105	78			74	83	83	88		0.41	-
3	99	72			74	69	78	90		0.58	0.69
4	89	70			73	73	91	86		0.38	0.70
5	85	73			71	71	86	43		0.33	-
6	99	76			77	73	91	78		0.41	-
7	100	78			78	79	87	59		0.61	-
8	99	78			78	71	87	39		0.51	-
9	102	78			77	74	87	44		0.56	-
10	102	76			77	77	91	45		0.61	-
11	104	78			76	84	79	60		0.61	-
12	102	80			76	87	79	75		0.79	-
13	98	75			72	90	71	75		0.54	-
14	102	74			72	91	78	76		0.71	-
15	102	77			78	95	83	83		0.61	-
16	103	79			78	92	87	89		0.80	-
17	101	79			77	88	87	82		0.78	-
18	98	72			74	89	87	85		0.70	-
19	96	68			74	93	83	86		0.82	-
20	100	72			78	94	83	82		0.60	-
21	103	75			74	90	87	75		0.69	-
22	101	75			74	96	87	86		0.57	-
23	104	78			78	89	91	67		0.74	-
24	104	75			77	96	91	86		0.65	-
25	103	76			78	94	83	86		0.76	-
26	101	80			78	93	83	89		0.80	-
27	101	76			76	92	83	82		0.87	-
28	98	73			74	93	83	82		0.81	-
29	103	74			74	97	71	80		0.66	-
30	105	76			76	96	83	83		0.72	-
31	104	76			77	93	79	73		0.64	-
Tot:										19.72	1.39
Ave:	100	76									

GOTH HAJI KARIM BUX

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	105	78			76	92	79	82		0.70	-
2	101	74			73	88	91	78		0.65	
3	99	73			74	93	87	73		0.62	-
4	105	78			77	97	83	80		0.71	-
5	106	79			77	96	79	83		0.81	-
6	104	78			76	94	79	86		0.93	-
7	101	75			77	90	83	79		0.82	-
8	100	73				90		85		0.83	-
9	99	70			69	88	81	85		0.79	-
10	96	68			70	90	81	85		0.80	-
11	96	67			71	92	82	85		0.52	-
12	97	65			74	91	86	85		0.68	-
13	98	77			75	91	75	82		0.73	-
14	99	69			68	93	81	86		0.71	-
15	100	71			70	90	81	79		0.71	-
16	100	67			69	91	73	79		0.60	-
17	101	72			72	93	78	82		0.63	-
18	102	70			71	95	78	83		0.67	-
19	103	72			73	93	82	79		0.67	-
20	104	75			70	92	81	76		0.71	-
21	103	73			71	14	82	1		0.59	-
22	102	74			25	22	13	6		0.79	-
23	102	72			19	22	11	6		0.76	-
24	102	74			19	41	11	15		0.74	-
25	98	74			31	38	18	15		0.88	-
26	93	69			21	35	15	15		0.82	-
27	91	61			26	41	18	18		0.71	-
28	92	63			28	36	18	16		0.68	-
29	90	57			32	50	26	25		0.68	-
30	92	63			23	54	18	29		0.70	-
31	93	57			32	73	26	54		0.75	-
Tot:										22.39	0.00
Ave:	99	71									

GOTH HAJI KARIM BUX

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	57			23	50	17	22		0.75	-
2	97	61			38	52	27	23		0.64	-
3					53	59	47	36		0.58	-
4					52	49	50	20		0.58	-
5	100	61			52	40	50	14		0.60	-
6	101	66			56	46	61	17		0.63	-
7	102	66			57	46	53	17		0.60	-
8	101	61			59	52	62	21		0.58	-
9	101	66			54	47	51	18		0.67	-
10	100	68			61	56	63	26		0.58	-
11	100	72			73	56	91	26		0.54	-
12	100	73			57	58	47	29		0.60	-
13	98	74			57	41	47	14		0.58	-
14	102	74			65	47	65	16		0.53	-
15	103	74			68	61	73	32		0.56	-
16	100	72			67	44	73	16		0.50	-
17					55	55	58	30		0.60	-
18	96	78			64	67	72	90		0.85	-
19	90	67			56	43	88	29		0.88	-
20	83	55			41	61	61	54		0.66	-
21	88	61			52		87			0.58	-
22					41	50	49	58		0.60	-
23					37	48	31	28		0.64	-
24	101	54			59	36	88	16		0.66	-
25	90	55			35	35	32	14		0.56	-
26	93	57			26	45	28	19		0.64	-
27	94	59			38	45	56	19		0.55	-
28	94	63			53	38	64	15		0.51	-
29	95	62			52	40	53	16		0.50	-
30	95	65			57	41	58	18		0.41	-
Tot:										18.16	0.00
Ave:											

GOTH HAJI KARIM BUX

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	61			44	36	48	14		0.41	-
2	95	58			37	41	35	18		0.43	-
3	93	53			32	42	26	19		0.47	-
4	92	54			28	46	23	23		0.49	-
5	90	54			33	44	38	23		0.52	-
6	89	52			32	44	43	23		0.53	-
7	90	52			28	45	32	22		0.55	-
8	91	51			32	42	40	19		0.42	-
9	91	53			35	23	42	9		0.52	-
10	93	59			43	33	47	13		0.41	-
11	93	61			45	23	49	9		0.41	-
12	93	59			33	33	31	13		0.51	-
13	92	58			32	32	34	14		0.47	-
14	90	57			32	34	34	15		0.49	-
15	91	54			35	44	42	23		0.52	-
16	90	55			37	49	40	26		0.52	-
17	91	55			37	45	46	22		0.50	-
18	92	57			44	53	55	30		0.43	-
19	92	57			35	51	36	30		0.44	-
20	90	55			38	52	44	29		0.45	-
21	91	54			38	53	47	33		0.42	-
22	89	54			37	55	46	34		0.40	-
23	89	36			38	47	47	26		0.45	-
24	89	49			32	52	34	32		0.40	-
25	88	53			40	50	56	31		0.43	-
26	87	51			37	39	40	24		0.42	-
27	83	40			20	42	34	27		0.50	-
28	82	40			19	47	33	31		0.47	-
29	88	38			22	48	32	32		0.30	-
30	85	46			38	57	51	42		0.35	-
31	87	56			53	58	68	43		0.30	-
Tot:										13.93	0.00
Ave:	90	53									

GOTH HAJI KARIM BUX

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	39			50	59	33	46		0.40	-
2	85	48			38	58	51	39		0.32	-
3	88	50			38	54	51	32		0.40	-
4	87	50			40	58	56	43		0.38	-
5	87	50			38	61	60	47		0.34	-
6	87	48			35	65	49	51		0.30	-
7	90	52			40	61	60	47		0.31	-
8	87	49			36	55	58	41		0.33	-
9	84	43			37	54	59	78		0.35	-
10	84	32			38	50	38	33		0.32	-
11	85	32			24	49	37	36		0.32	-
12	84	46			39	63	65	58		0.35	-
13	80	46			26	47	38	35		0.37	-
14	82	45			29	44	41	28		0.31	-
15	85	47			28	45	44	27		0.32	-
16	85	46			43	41	73	25		0.29	-
17	82	38			33	41	56	25		0.29	-
18					48	37	70	23		0.25	-
19	82	49			41	37	71	23		0.32	-
20	81	50			41	43	66	32		0.31	-
21	77	52			56	55	88	82		0.21	0.12
22	72	50			45	44	79	48		0.21	-
23	68	44			36	38	69	38		0.29	-
24	68	38			35	32	82	29		0.26	-
25					36	37	63	35		0.31	-
26	68	35			28	41	71	41		0.32	-
27	70	36			15	37	42	29		0.31	-
28	75	36			48	51	86	52		0.21	-
29	73	47			48	45	80	40		0.19	-
30	73	46			39	32	70	23		0.21	-
Tot:										9.10	0.12
Ave:											

GOTH HAJI KARIM BUX

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	75	42			28	38	52	44		0.23	-
2	75	42			36	30	69	21		0.21	-
3	75	43			34	39	68	30		0.24	-
4	75	43			34	37	68	31		0.22	-
5	76	44			36	37	69	31		0.22	-
6	73	43			31	32	50	22		0.23	-
7	77	49			49	51	80	27		0.26	-
8	70	43			34	27	68	33		0.31	-
9	60	38			22	16	47	23		0.33	-
10	55	32				18		25		0.22	-
11	57	32			24	14	55	19		0.21	-
12	60	33			21	21	59	18		0.29	-
13	68	34			18	36	45	28		0.33	-
14	72	38			13	21	26	14		0.29	-
15	75	46			24	26	37	16		0.26	-
16	77	49			43	26	67	18		0.26	-
17	73	55			51	47	81	49		0.18	-
18	70	46			44	38	85	38		0.20	-
19	68	42			38	41	83	41		0.29	-
20	68	42			39	41	70	43		0.21	-
21	68	42			25		46			0.21	-
22	70	44			36	35	58	32		0.19	-
23	72	46			16	37	23	33		0.22	-
24	70	42			28	34	52	52		0.35	-
25	56	32			21	25	59	35		0.24	-
26	60	33			10	32	37	66		0.31	-
27	44	26				37	37	83		0.30	-
28	44	31			28	33	89	67		0.22	-
29	46	30			22	8	67	8		0.23	-
30	50	29			2	9	21	17		0.19	-
31	58	26			3	10	29	4		0.21	-
Tot:										7.66	0.00
Ave:											

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GUJAR KHAN - 1972

Location	Latitude 33°15', Longitude 73°18', in the Civil Hospital Gujar Khan.
Elevation	1,500 ± ft.msl.
Period of record	Recording rain gauge station since 1960, other instruments installed on 27.1.1969, station being operated by Surface Water Hydrology Project.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan.
Annual figures	Precipitation 24.72 inches Evaporation (Pan) 93.09 inches Absolute maximum air temperature 113°F Absolute minimum air temperature 28°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

GUJAR KHAN

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1					33	40	74	42		0.07	-
2	65	36			30	40	80	42		0.10	-
3	65	35			30	40	80	42		0.11	-
4	65	33			28	35	79	36		0.10	-
5	64	31			27	37	78	40		0.12	-
6	64	28			20	54	65	73		0.11	-
7	66	30			20	33	65	38		0.10	-
8	61	30			27	41	88	49		0.12	-
9	62	30			21	54	55	77		0.08	-
10	64	31			26	35	78	36		0.10	-
11	65	31			28	35	89	36		0.10	-
12	66	30			22	37	67	40		0.12	-
13	63	32			36	43	69	58		0.11	-
14	60	43			38	43	83	47		0.09	-
15	65	39			32	53	73	68		0.11	-
16	66	40			39	44	84	48		0.09	-
17	69	42			37	41	83	41		0.10	-
18	70	42			36	45	75	52		0.13	-
19	66	43			41	45	77	52		0.11	-
20	64	48			43	52	78	81		0.10	-
21	59	50			45	50	79	93		0.02	0.03
22	53	45			43	42	92	58		0.05	0.58
23	58	44			42	46	92	69		0.10	-
24	57	43			41	58	92	83		0.05	-
25	65	43			42	52	92	71		0.06	-
26	61	43			45	53	92	72		0.05	-
27											-
28											-
29	67	40			46	47	79	86		0.12+	-
30	53	47			45	46	85	79		0.01	0.06
31	53	49			48	46	93	79		0.03	0.65
Tot:										2.56	1.32
Ave:											

+ 3 days observati

GUJAR KHAN

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	53	50			48	50	93	87		0.04*	0.44
2	55	43			45	41	92	57		0.03	0.12
3	57	40			22	40	43	52		0.12	-
4	58	39			29	36	64	53		0.13	-
5	53	40			33	42	74	67		0.08	-
6	60	40			38	22	91	28		0.08	-
7	57	37			33	28	81	32		0.12	-
8	59	38			33	26	74	23		0.14	-
9	65	38			32	41	73	46		0.16	-
10					38	44	76	55		0.12	-
11	61	45			43	43	73	63		0.08	-
12	59	51			48	43	86	63		0.08	0.54
13	57	40			40	41	91	71		0.07	-
14	51	36			35	41	90	71		0.05	-
15	52	38			33	34	87	44		0.05	-
16	56	37			34	35	82	42		0.12	-
17					41	38	77	44		0.13	-
18	61	38			30	35	65	36		0.13	-
19	63	40			34	35	68	32		0.15	-
20	67	40			33	43	67	39		0.16	-
21	71	43			43	40	72	37		0.14	-
22	68	50			46	42	64	34		0.11	-
23	73	54			47	50	74	48		0.12	-
24	71	48			39	41	70	41		0.14	0.04
25	67	47			22	26	36	23		0.19	-
26	65	45			41	53	84	72		0.23	-
27	64	42			23	30	40	25		0.23	-
28	69	43			30	23	49	18		0.24	-
29	69	43			36	32	63	28		0.28	-
Tot:										3.72	1.14
Ave:											

* Estimated evaporation.

GUJAR KHAN

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	69	44			30	34	54	26		0.30	-
2	72	42			34	32	62	22		0.23	-
3					41	48	57	32		0.24	-
4	81	56			52	45	67	55		0.25	0.12
5	71	52			49	51	86	62		0.13	0.94
6	65	52			49	58	86	70		0.07	-
7	69	52			48	57	75	78		0.11	-
8					52	51	87	71		0.11	0.41
9	61	45			47	47	93	47		0.18	0.39
10	69	49			46	55	85	73		0.17	-
11	65	50			41	53	66	68		0.11	-
12					50	41	76	38		0.12	0.02
13	70	52			46	47	74	44		0.11	0.05
14	71	52			46	50	64	46		0.18	-
15	74	58			49	54	70	60		0.22	-
16	68	56			48	52	70	62		0.15	-
17	78	52			49	45	70	32		0.28	-
18	78	54			53	48	82	38		0.51	-
19	78	59			57	59	83	74		0.18	0.03
20	69	57			64	56	89	44		0.14	0.16
21	80	56			56	47	88	35		0.16	-
22	77	57			50	39	62	23		0.22	-
23	82	56			53	44	72	24		0.31	-
24	86	58			55	53	73	31		0.29	-
25	89	59			58	59	78	36		0.33	-
26	91	65			60	62	70	41		0.36	-
27	90	63			57	55	69	37		0.33	0.02
28	86	65			61	57	75	38		0.35	-
29	89	65			57	59	74	51		0.34	0.07
30	80	56			51	48	56	28		0.15	0.03
31	85	54			48	39	50	20		0.27	
Tot:											
Ave:											

GUJAR KHAN

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	86	55			54	37	60	18		0.30	-
2	86	53			48	48	53	27		0.31	-
3	88	61			55	52	61	36		0.27	-
4	86	67			57	53	58	53		0.27	-
5	74	55			57	54	83	41		0.11	0.19
6	81	56			57	49	69	29		0.27	-
7	87	62			51	53	47	34		0.34	-
8	86	66			56	58	55	43		0.37	-
9	85	58			57	52	65	36		0.29	0.02
10	83	60			53	65	56	56		0.26	-
11	83	59			57	71	62	61		0.28	-
12	87	58			56	51	61	24		0.35	-
13	93	56			56	50	61	22		0.34	-
14	97	62			60	57	63	33		0.34	-
15	94	69			63	55	68	34		0.32	0.02
16	90	64			59	57	74	58		0.28	0.30
17	73	61			60	54	84	48		0.06	-
18	81	60			59	56	74	55		0.16	-
19					54	52	73	42		0.05	0.05
20	81	57			53	55	76	43		0.24	0.24
21	80	53			41	59	46	41		0.27	0.46
22	86	56			60	64	67	48		0.27	-
23	88	59			59	52	70	28		0.23	-
24	91	62			57	56	55	28		0.31	-
25	95	61			56	57	52	27		0.33	-
26	97	66			55	61	39	32		0.40	-
27	97	72			58	58	50	35		0.38	-
28	90	64			61	61	79	51		0.29	-
29	81	64			56	52	55	38		0.28	-
30	87	60			44	46	28	23		0.35	-
Tot:										8.34	1.28
Ave:											

GUJAR KHAN

May 1972

Date	TEMPERATUTES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	90	64			55	51	49	30		0.44	-
2	88	64			57	51	55	30		0.34	-
3	89	64			61	65	57	41		0.35	-
4	94	67			61	61	69	47		0.39	-
5	90	69			57	62	55	37		0.34	-
6	93	70			59	61	62	57		0.51	-
7	77	65			67	65	63	42		0.22	0.10
8	92	70			60	59	54	33		0.37	-
9	94	73			64	58	55	29		0.40	-
10	96	73			58	55	50	25		0.49	-
11	98	74			61	59	39	28		0.56	-
12	100	71			68	77	60	47		0.47	-
13	104	77			72	62	62	31		0.53	0.03
14	101	70			61	56	60	26		0.53	0.20
15	98	74			63	55	38	22		0.51	-
16	102	74			53	55	27	21		0.54	-
17	103	75			58	56	39	23		0.62	-
18	101	83			49	43	24	13		0.79	-
19	104	84			44	51	20	16		0.93	-
20	107	76			56	52	29	16		0.77	-
21	109	73			59	59	33	18		0.65	-
22	113	86			61	54	35	21		0.74	-
23	105	87			69	68	50	50		0.69	-
24	91	75			59	59	44	37		0.38	-
25	100	72			75	55	57	24		0.37	0.42
26	100	75			75	45	57	17		0.59	-
27	99	66			51	45	30	17		0.64	-
28	99	62			67	64	40	32		0.60	-
29	101	70			57	52	33	19		0.57	-
30	104	68			68	60	42	24		0.63	-
31	105	73			60	62	34	23		0.68	-
Tot:										16.64	0.75
Ave:	98	72									

GUJAR KHAN

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	109	75			65	52	35	15		0.60	-
2	113	84			59	74	31	35		0.71	-
3	109	85			54	72	76	43		0.59	-
4	106	75			63	61	58	35		0.56	0.10
5	94	67			63	59	64	28		0.41*	0.34
6	99	74			62	55	45	24		0.39	-
7	99	71			64	55	48	20		0.47	-
8	105	73			57	60	34	24		0.55	-
9	105	73			58	59	35	22		0.53	-
10	107	79			63	59	43	22		0.54	-
11	108	75			66	69	36	26		0.59	-
12	112	82			73	56	42	20		0.63	-
13	109	80			61	62	28	21		0.60	-
14	112	91			58	60	24	21		0.72	-
15	109	83			60	72	29	29		0.54	-
16	113	79			61	54	32	15		0.76	-
17	113	77			64	51	35	14		0.58	-
18	112	79			59	61	27	20		0.54*	-
19	112	85			56	64	28	48		0.52*	-
20	110	74			71	75	64	38		0.45*	0.29
21	107	84			71	83	45	50		0.40*	-
22	107	75			69	71	73	45		0.35	0.28
23	99	77			81	70	87	33		0.29	-
24	107	85			72	76	54	43		0.44	-
25	104	86			76	80	53	50		0.50	-
26	103	72			73	76	82	58		0.35*	0.98
27	94	74			75	75	72	49		0.21	0.04
28	99	79			72	69	68	46		0.40	-
29	96	79			74	77	68	45		0.34	-
30	103	85			76	69	53	40		0.42	-
Tot:										14.98	2.03
Ave:	106	79									

* Estimated evaporation.

GUJAR KHAN

July - 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	103	82			79	82	64	49		0.46	-
2	107	89			76	82	51	47		0.40	-
3	107	86			75	72	55	49		0.49	-
4	105	79			75	73	57	48		0.40	0.08
5	97	76			72	71	68	70		0.32	0.03
6	96	74			80	79	65	61		0.33	-
7	95	75			65	71	53	39		0.31	-
8	103	79			73	73	71	57		0.43	-
9	93	73			69	74	86	91		0.36	0.38
10	90	74			73	77	78	67		0.17	1.62
11	90	76			74	77	83	76		0.22	-
12					68	75	85	65		0.38	0.60
13	89	73			77	83	76	65		0.26	-
14	98	82			82	82	80	58		0.40	-
15	101	85			81	86	70	66		0.35	-
16	103	86			85	85	66	56		0.37	-
17	105	85			79	74	67	52		0.42	-
18	94	79			77	76	69	53		0.37	0.21
19	100	80			74	81	71	65		0.35	-
20	95	80			74	76	68	53		0.23	-
21	96	81			80	82	76	51		0.22	-
22	104	86			83	80	71	50		0.50	-
23	104	85			76	75	63	57		0.43	-
24	102	84			73	82	57	55		0.39	-
25	104	86			78	72	64	68		0.37	-
26	100	78			74	81	68	57		0.32	0.10
27	100	80			77	74	76	37		0.27	-
28	107	84			76	87	63	53		0.47	-
29	110	86			76	80	60	50		0.51	-
30	104	75			76	71	72	39		0.60	0.14
31	101	82			68	68	55	45		0.32	-
Tot:										11.42	3.11
Ave:											

GUJAR KHAN

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	78			71	73	64	39		0.37	-
2	104	84			76	75	63	40		0.37	-
3	106	86			75	74	57	39		0.42	-
4	108	86			76	75	58	43		0.47	-
5	104	85			74	76	62	51		0.42	-
6	98	78			74	74	83	52		0.39	0.03
7	95	80			69	68	60	66		0.30	-
8	95	75			76	79	75	70		0.23	-
9	96	72			71	80	86	65		0.13*	1.96
10	94	76			79	72	80	43		0.20	-
11	100	80			74	74	68	52		0.33	-
12	96	80			72	73	62	57		0.31	-
13	92	72			68	69	81	50		0.28	0.45
14	90	72			68	71	85	61		0.17	0.31
15	86	73			73	74	75	52		0.13	0.02
16	96	80			78	68	73	38		0.28	-
17	98	70			67	70	90	67		0.39	0.79
18	84	70			77	81	87	68		0.17	0.49
19	94	76			75	73	79	62		0.24	-
20	89	75			74	74	75	55		0.17	-
21	93	78			78	71	83	49		0.29	-
22	95	78			72	76	65	51		0.30	-
23	98	82			78	59	73	77		0.33	-
24	96	73			74	77	83	56		0.16*	1.75
25	96	71			70	73	81	62		0.32	0.10
26	90	74			73	62	75	34		0.20	-
27	96	78			72	71	68	51		0.29	-
28	96	78			71	72	74	59		0.31	-
29	90	76			72	72	82	82		0.24	-
30	88	76			73	7[illegible]	78	72		0.20	0.39
31	90	75			75	73	75	62		0.30	-
Tot:										8.71	6.29
Ave:	95	77									

* Estimated evaporation.

GUJAR KHAN

September 1972.

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	74			73	74	91	52		0.29	-
2	96	75			78	74	79	52		0.32	-
3	98	80			74	70	68	44		0.32	-
4	100	79			72		68			0.31	-
5	99	80			73	68	68	38		0.36	-
6	100	81			72	71	68	43		0.30	-
7	99	79			73	67	68	38		0.32	-
8	100	80			71	68	61	42		0.27	-
9	97	70			69	68	77	52		0.38	0.42
10	90	76			71	67	78	57		0.22	-
11	90	71			66	71	80	67		0.20	0.03
12	84	69			70	69	81	50		0.16*	1.31
13	93	76			73	73	78	50		0.23	-
14	96	70			64	71	72	51		0.28	0.13
15	94	74			71	73	70	62		0.24	-
16	90	72			69	70	86	53		0.20	0.02
17	90	72			68	61	81	39		0.25	-
18	92	70			67	58	73	48		0.19	-
19	87	64			62	66	71	56		0.15	0.37
20	85	66			60	62	70	45		0.21	-
21	88	64			44	41	42	24		0.29	-
22	83	57			50	48	58	28		0.28	-
23	87	59			55	53	64	30		0.31	-
24	90	60			60	53	70	24		0.31	-
25	98	62			55	67	58	41		0.30	-
26	95	60			52	62	53	34		0.27	-
27	96	64			59	59	66	33		0.26	-
28	97	64			60	56	70	29		0.24	-
29	95	65			55	57	51	33		0.28	-
30	95	65			60	59	63	39		0.28	-
Tot:										8.00	2.28
Ave:	93	70									

* Estimated evaporation.

GUJAR KHAN

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	93	63			50	64	66	40		0.24	-
2	95	64			57	63	58	41		0.26	-
3	96	70			49	49	36	34		0.32	-
4	96	70			52	59	53	37		0.32	-
5	92	67			58	65	70	53		0.21	0.09
6	89	62			61	55	79	34		0.18	0.36
7	90	64			60	61	70	47		0.21	-
8	88	65			60	62	70	45		0.20	-
9	89	64			61	57	75	33		0.20	-
10	92	63			58	54	66	32		0.19	-
11	91	62			57	41	69	18		0.24	-
12	92	60			51	54	59	26		0.32	-
13	98	62			54	52	60	28		0.22	-
14	95	60			50	56	55	29		0.27	-
15	96	62			55	56	69	29		0.24	-
16	94	64			56	52	65	28		0.21	-
17	93	64			53	51	56	30		0.23	-
18	91	60			51	52	59	53		0.09*	0.63
19	72	54			53	54	76	43		0.20	-
20	82	58			52	38	71	25		0.15	-
21	80	61			53	54	68	68		0.27	0.07
22	70	55			51	50	71	46		0.01	0.13
23	78	50			48	46	75	34		0.17	-
24	79	50			48	58	70	50		0.17	-
25	84	51			50	56	81	44		0.19	-
26	86	50			46	49	64	36		0.18	-
27	82	49			46	52	74	38		0.15	-
28	88	51			47	48	74	33		0.14	-
29	87	52			48	52	75	38		0.15	-
30	84	50			43	49	63	36		0.16	-
31	82	49			47	48	74	40		0.15	-
Tot:										6.24	1.28
Ave:	88	59									

* Estimated evaporation.

GUJAR KHAN

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	49			46	50	74	39		0.14	-
2	84	48			46	46	74	34		0.13	-
3	82	49			46	43	69	29		0.15	-
4	84	48			46	40	74	27		0.12	-
5	84	48			38	47	51	31		0.16	-
6	87	50			43	47	63	31		0.11	-
7	90	48			45	47	68	37		0.15	-
8											
9											
10	86	50			46	53	74	45		0.38+	-
11	87	51			51	50	81	39		0.12	-
12	82	53			48	54	75	43		0.14	-
13	83	50			46	50	79	39		0.13	-
14	82	47			43	33	73	20		0.15	-
15	83	45			41	40	71	27		0.14	-
16	84	44			37	36	64	25		0.14	-
17	83	45			40	54	71	54		0.12	-
18	84	44			39	39	70	34		0.12	-
19	81	42			36	39	69	30		0.16	-
20	84	44			38	39	70	32		0.13	-
21	83	45			39	37	65	31		0.12	-
22	77	50			50	55	76	82		0.13	0.04
23	65	50			46	52	79	71		0.04	0.50
24	64	51			47	50	80	76		0.06	0.27
25	66	52			48	51	80	66		0.07	0.12
26	66	46			41	49	71	54		0.07	0.12
27	70	44			44	45	85	46		0.07	-
28	72	45			43	49	85	51		0.07	-
29	74	46			44	41	92	43		0.08	-
30	70	42			39	39	84	36		0.10	-
Tot:										3.50	1.05
Ave:											

+ 3 days observation.

GUJAR KHAN

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	42			41	39	92	34		0.10	-
2	73	41			37	43	76	39		0.09	-
3	73	40			34	39	68	32		0.07	-
4	76	43			43	44	92	42		0.08	-
5	74	45			45	43	92	44		0.06	-
6	70	40			37	44	83	45		0.07	-
7	71	42			39	44	77	48		0.09	-
8	72	45			42	47	78	61		0.05	-
9	64	48			46	48	85	86		0.05	-
10	55	48			46	49	85	75		0.07	1.63
11	62	44			41	48	84	65		0.04	-
12	63	42			37	41	76	46		0.07	-
13	65	40			36	41	75	43		0.07	-
14	68	38			36	46	82	60		0.06	-
15	66	40			36	50	69	76		0.06	-
16	60	46			46	48	79	75		0.05	-
17	59	50			43	46	73	69		0.07	0.03
18	58	46			44	52	85	63		0.04	-
19	68	47			47	51	93	62		0.05	-
20	69	46			44	45	85	55		0.07	-
21	66	42			42	46	92	56		0.09	-
22	65	40			36	44	75	55		0.10	-
23	64	42			39	41	84	53		0.07	-
24	60	44			41	43	77	73		0.03	0.23
25	54	46			45	49	92	70		0.08	0.05
26	62	46			46	52	92	81		0.05	-
27	60	48			46	50	79	76		0.04	0.01
28	62	44			33	40	56	60		0.06	-
29	58	37			28	41	52	61		0.09	-
30	59	37			35	35	90	42		0.08	-
31	63	34			32	34	81	41		0.08	-
Tot:										2.08	1.95
Ave:	65	43									

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GUJRANWALA - 1972

Location	Latitude 32°10', Longitude 74°11', in Agricultural Research Farm Gujranwala.
Elevation	750 ± ft.msl.
Period of record	Rainfall station of Meteorological Department. Copied data available from 1912 to 1959. Observatory established by Surface Water Hydrology Project WAPDA. in January 1962.
Instruments	5" Non-recording rain gauge. Maximum and Minimum air temperature theremometer. Wet and dry bulb thermometers- U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 18.65 inches Evaporation (Pan) 75.95 " Absolute maximum air temperature 117 F° Absolute minimum air temperature 32 F°
Remarks	Annual figures are calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point rempera-tures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record- (-) Indicates no precipitation.

GUJRANWALA

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	39			39	45	91	52	2	0.06	-
2	71	39			38	38	91	38	7	0.07	-
3	72	36			35	41	90	43	10	0.09	-
4	71	36			35	41	90	43	8	0.08	-
5	71	34			33	33	90	35	9	0.09	-
6	70	33			32	35	90	36	12	0.10	-
7	71	32			31	33	90	35	4	0.07	-
8	67	33			32	32	90	32	15	0.09	-
9	69	35			35	32	90	32	7	0.08	-
10	70	33			32	33	90	33	10	0.09	-
11	71	33			33	38	90	41	8	0.08	-
12	70	34			33	37	90	37	6	0.07	-
13	69	36			41	41	84	57	11	0.09	-
14	62	44			41	45	84	49	5	0.05	-
15	70	40			40	44	91	48	18	0.10	-
16	68	42			43	43	92	44	8	0.07	-
17	72	42			42	41	92	41	8	0.10	-
18	72	41			41	41	92	41	13	0.11	-
19	72	42			43	49	73	58	14	0.11	-
20	69	50			49	53	93	76	17	0.09	-
21	63	48			48	56	93	94	3	0.04	-
22	66	46			45	49	92	70	20	0.04*	1,02
23	63	46			44	50	85	76	16	0.08	-
24	61	44			44	49	92	66	8	0.04	-
25	66	45			47	51	100	76	5	0.05	-
26	63	45			46	52	100	63	6	0.04	-
27	69	44			44	55	92	73	2	0.07	-
28	70	46			47	54	93	68	11	0.09	-
29	71	49			49	55	93	88	7	0.09	-
30	62	48			48	52	93	93	6	0.05	-
31	60	50			54	57	100	94	18	0.03	0.25
Tot:										2.31	1.27
Ave:	68	41							9		

* Estimated evaporation

GUJRANWALA

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	60	34			54	54	93	93	1	0.03*	0.18
2	58	48			50	51	100	71	3	0.01*	0.08
3	64	40			37	40	76	48	5	0.07	-
4	64	39			41	43	92	63	17	0.10	-
5	62	43			40	40	84	48	9	0.08	-
6	63	41			42	41	92	43	10	0.10	-
7	62	40			38	40	83	45	12	0.10	-
8	65	36			34	41	82	43	23	0.12	-
9	67	37			35	40	82	42	21	0.14	-
10	71	40			39	48	77	53	18	0.12	-
11	71	45			46	45	74	52	13	0.12	-
12	67	50			50	41	93	57	39	0.08	0.17
13	66	40			40	41	91	66	21	0.10	-
14	68	37			38	40	91	52	11	0.08	-
15	61	40			38	32	83	37	21	0.11	-
16	62	39			38	32	83	34	20	0.12	-
17	64	37			34	28	68	27	8	0.09	-
18	65	36			38	33	91	31	15	0.13	-
19	67	38			36	37	75	33	22	0.15	-
20	70	40			39	41	77	38	16	0.15	-
21	74	45			43	45	73	33	10	0.15	-
22	76	48			50	47	87	37	1	0.11	-
23	80	54			52	52	81	50	19	0.19	-
24	77	48			50	49	87	51	10	0.13	-
25	74	42			34	54	62	73	8	0.17	-
26	69	42			23	23	40	21	29	0.19	-
27	67	37			33	28	67	22	31	0.20	-
28	70	39			35	32	62	26	17	0.16	-
29	72	41			35	32	57	24	15	0.19	-
Tot:										3.52	0.43
Ave:	67	42							15		

* Estimated evaporation.

GUJRANWALA

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	74	40			38	45	70	40	29	0.22	-
2	75	44			38	41	55	30	16	0.17	-
3	78	51			45	44	73	33	15	0.19	-
4	82	53			47	45	57	46	17	0.21	-
5	72	52			51	53	93	68	24	0.18	1.00
6	65	50			51	55	93	64	16	0.08	-
7	72	53			54	59	88	83	3	0.08	-
8	70	56			55	54	88	73	20	0.09	0.10
9	75	48			48	50	80	46	9	0.12	0.05
10	74	49			48	59	75	74	7	0.17	-
11	70	52			48	59	65	66	14	0.10	-
12	77	58			58	60	83	63	6	0.14	-
13	80	53			50	47	76	37	20	0.15	0.01
14	78	51			48	53	70	40	31	0.23	-
15	81	57			51	60	66	70	3	0.20	-
16	72	54			49	49	61	36	7	0.08	-
17	82	53			54	51	77	35	11	0.18	-
18	83	52			50	56	62	44	18	0.24	-
19	82	61			52	56	63	46	24	0.21	-
20	82	60			57	63	78	56	46	0.22	-
21	81	54			55	50	73	33	10	0.12	-
22	84	55			50	50	58	31	7	0.25	-
23	87	55			52	57	63	38	11	0.28	-
24	89	58			57	76	74	72	14	0.24	-
25	90	60			61	67	75	45	8	0.23	-
26	93	64			63	68	75	52	1	0.19	-
27	91	62			61	57	79	33	17	0.32	0.23
28	91	63			62	60	75	38	11	0.26	-
29	92	68			50	65	43	53	36	0.29	-
30	87	65			58	60	70	46	10	0.20	-
31	86	58			53	47	60	26	4	0.18	-
Tot:										5.82	1.39
Ave:	80	55							15		

GUJRANWALA

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	89	53			54	47	60	25		0.29	-
2	89	56			58	52	78	36		0.25	-
3	89	57			59	57	79	34		0.21	-
4	90	65			59	62	66	94		0.14	-
5	77	56			59	52	74	36		0.07	0.14
6	84	58			55	49	64	29		0.22	-
7	87	60			54	53	54	33		0.28	-
8	90	64			57	56	69	55		0.29	0.02
9	80	56			54	58	60	48		0.13	-
10	85	60			56	55	65	41		0.19	-
11	83	59			59	55	66	34		0.23	-
12	90	60			60	51	63	24		0.30	-
13	94	61			62	55	71	25		0.27	-
14	97	61			58	53	56	24		0.26	-
15	97	68			64	60	61	46		0.24	-
16	95	66			61	63	67	61		0.22	-
17	81	64			60	61	79	63		0.09	0.10
18	81	60			59	63	94	61		0.13	0.27
19	79	56			54	51	77	35		0.11*	0.50
20	82	56			55	52	61	42		0.16	-
21	79	56			53	49	64	29		0.21	-
22	89	62			56	46	55	24		0.26	-
23	92	62			58	53	66	31		0.26	-
24	92	63			61	52	63	25		0.25	-
25	94	65			61	50	67	22		0.22	-
26	98	63			59	54	53	26		0.32	-
27	98	66			57	56	53	28		0.29	-
28	96	68			64	56	65	29		0.29	0.02
29	94	66			59	53	59	30		0.30	-
30	92	63			53	41	40	15		0.35	-
Tot:										6.83	1.05
Ave:	89	61									

* Estimated evaporation.

GUJRANWALA

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	97	67			46	44	34	23		0.36	0.01
2	89	69			53	60	40	42		0.21	-
3	92	62			60	45	54	19		0.19	-
4	95	63			57	55	55	30		0.30	-
5	93	69			54	48	41	19		0.23	-
6	100	71			56	38	44	15		0.40	-
7	95	66			60	50	60	23		0.49	0.07
8	94	68			57	45	42	17		0.30	-
9	100	70			53	48	34	19		0.39	-
10	100	72			55	48	37	17		0.34	-
11	104	70			55	51	34	18		0.43	-
12	106	72			66	48	51	14		0.42	-
13	109	78			63	47	46	16		0.40	-
14	106	78			53	48	33	17		0.39	-
15	102	73			58	36	39	10		0.42	-
16	106	71			48	45	24	14		0.36	-
17	107	78			52	33	29	9		0.47	-
18	106	72			47	34	23	9		0.51	-
19	108	72			41	30	18	7		0.51	-
20	110	70			45	30	22	7		0.54	-
21	111	71			57	39	34	9		0.51	-
22	112	84			59	58	31	24		0.45	-
23	106	85			68	66	50	34		0.29	-
24	101	78			63	61	43	33		0.35	-
25	106	74			66	36	51	11	11	0.37	-
26	105	72			41	16	21	4	8	0.43	-
27	105	65			47	14	26	4	20	0.54	-
28	104	62			40	16	22	4	9	0.41	-
29	105	65			48	15	27	4	7	0.46	-
30	107	69			47	27	25	6	6	0.47	-
31	108	70			43	34	21	8	8	0.49	-
Tot:										12.43	0.08
Ave:	103	71									

GUJRANWALA

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A M	Relative Humidity Percent 5 P.M	Wind Move-ment Miles	Evapo-ration Inches	Rain Inches
1	109	76			61	38	36	9	7	0.47	-
2	111	78			58	48	35	14	6	0.47	-
3	110	82			51	51	27	19	8	0.41	-
4	102	72			63	55	64	27	31	0.53	-
5	106	70			59	48	44	17	7	0.29	-
6	102	69			58	45	43	15	7	0.36	-
7	101	73			60	45	42	14	9	0.46	-
8	105	73			63	46	47	15	8	0.48	-
9	104	76			61	45	42	14	7	0.41	-
10	105	75			59	46	40	14	5	0.44	-
11	108	76			63	35	39	8	7	0.43	-
12	111	77			65	38	42	8	6	0.45	-
13	114	77			59	43	33	11	4	0.47	-
14	113	83			52	45	23	11	9	0.52	-
15	114	77			44	44	18	11	9	0.51	-
16	113	82			66	39	36	8	19	0.57	-
17	116	80			66	36	37	7	22	0.62	-
18	117	84			64	63	35	23	22	0.58	-
19	113	88			71	61	45	47	7	0.43	-
20	109	71			67	58	34	22	10	0.17	-
21	106	83			76	64	60	26	1	0.29	-
22	108	84			69	69	58	40	5	0.36	-
23	98	78			69	58	50	20	9	0.30	-
24	108	82			71	70	56	38	5	0.39	-
25	102	82			70	73	55	42	16	0.35	-
26	101	83			74	72	68	65	14	0.25	-
27	86	73			76	73	75	50	9	0.15	0.21
28	95	76			72	71	59	51	6	0.33	-
29	96	78			76	72	66	40	7	0.31	-
30	102	83			77	69	63	48	4	0.35	-
Tot:										12.15	0.21
Ave:	106	78							10		

GUJRANWALA

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	105	79			74	71	60	36	10	0.42	-
2	105	84			75	72	65	35	4	0.34	-
3	106	76			73	75	65	41	9	0.30	-
4	103	77			70	69	61	77	11	0.39	-
5	98	75			75	76	79	66	14	0.38	0.76
6	93	72			74	72	83	54	10	0.28	0.39
7	92	78			76	73	75	68	4	0.22	-
8	96	73			75	76	91	79	7	0.33	0.12
9	87	73			75	86	100	100	8	0.21*	2.41
10	87	75			77	81	100	84	2	0.17	1.04
11	87	76			78	77	91	76	3	0.09	0.45
12	86	77			76	76	91	63	7	0.16	-
13	90	75			79	76	83	53	4	0.17	-
14	97	81			80	77	76	49	4	0.30	-
15	100	79			75	76	63	47	5	0.32	-
16	100	87			83	73	74	40	2	0.28	-
17	103	83			81	76	77	47	4	0.34	-
18	102	82			78	78	73	52	2	0.24	-
19	99	74			78	67	79	69	6	0.37	0.47
20	98	72			75	73	79	48	4	0.22*	1.56
21	98	81			77	75	72	46	3	0.21	-
22	101	83			78	75	73	49	2	0.29	-
23	99	81			79	75	76	46	2	0.32	-
24	100	82			81	75	77	46	2	0.28	-
25	100	84			79	77	70	49	2	0.28	-
26	100	80			77	76	76	51	2	0.28	-
27	98	85			82	73	77	40	1	0.12	-
28	103	83			78	74	69	42	3	0.32	-
29	103	81			78	72	73	45	5	0.34	-
30	99	82			69	75	58	50	3	0.28	-
31	100	83			75	71	69	41	4	0.29	-
Tot:										8.54	7.20
Ave:	98	79							5		

* Estimated evaporation.

GUJRANWALA

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	101	76			71	73	64	42	3	0.30	-
2	101	83			74	69	60	34	3	0.26	-
3	103	84			80	73	70	40	3	0.34	-
4	103	86			75	74	60	44	4	0.35	-
5	103	84			76	76	75	51	3	0.31	-
6	98	83			78	75	79	50	7	0.24	-
7	96	81			76	77	83	56	4	0.25	-
8	96	79			74	73	71	44	7	0.30	-
9	100	74			73	75	95	60	9	0.30	0.22
10	92	74			78	72	83	45	3	0.18	-
11	98	79			79	77	80	61	3	0.31	-
12	95	78			79	79	96	64	2	0.20	0.07
13	93	79			78	69	83	42	2	0.21	-
14	96	78			75	77	79	95	5	0.28	-
15	83	76			77	72	87	47	4	0.07	0.40
16	96	80			77	75	76	49	3	0.23	-
17	99	71			71	70	95	41	5	0.38	0.57
18	98	72			74	74	75	60	4	0.13	0.03
19	92	79			79	73	91	75	2	0.25	-
20	91	79			80	76	87	83	4	0.16	0.02
21	86	76			77	77	95	79		0.05	0.14
22	87	77			75	75	75	49	2+	0.10	-
23	98	79			79	70	76	67	3	0.28	-
24	95	74			74	71	83	45	7	0.29	-
25	97	72			73	74	95	60	9	0.36	0.67
26	98	73			78	71	95	49	3	0.15	-
27	94	77			77	77	79	83	2	0.22	-
28	95	77			76	76	91	72	5	0.19	-
29	87	76			77	79	87	87	1	0.15	-
30	88	77			80	78	96	73	2	0.08	0.18
31	94	80			78	76	79	91	4	0.24	-
Tot:										7.13	2.30
Ave:	95	78							4		

+ 2 days observation.

GUJRANWALA

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	94	74			75	77	91	58	3	0.18	0.08
2	94	78			80	76	87	51	1	0.15	-
3	98	79			77	66	72	36	3	0.28	-
4	99	79			78	72	79	45	2	0.22	-
5	99	77			77	69	79	42	4	0.28	-
6	98	78			78	64	79	33	2	0.25	-
7	99	78			76	63	75	33	2	0.27	-
8	98	79			75	70	75	47	3	0.28	-
9	95	77			69	70	77	53	4	0.28	-
10	90	76			75	72	75	54	4	0.19	-
11	94	71			68	71	85	58	5	0.27	0.24
12	88	73			77	72	91	47	5	0.17	-
13	96	78			77	74	79	55	3	0.24	-
14	95	67			68	76	85	63	12	0.20*	1.26
15	91	72			73	74	82	57	3	0.18	-
16	91	73			73	75	78	65	6	0.23	-
17	88	68			74	71	83	64	4	0.26	0.61
18	84	67			67	65	90	53	17	0.11	0.01
19	91	66			67	71	85	58	26	0.27	0.38
20	89	71			70	70	86	61	14	0.16	-
21	88	64			53	57	56	40	20	0.24	-
22	85	60			57	58	65	39	24	0.24	-
23	88	59			58	59	66	37	15	0.23	-
24	90	59			60	59	79	36	12	0.22	-
25	92	64			65	60	72	34	7	0.19	-
26	95	64			65	52	69	25	2	0.23	-
27	96	63			65	57	72	30	1	0.23	-
28	95	63			67	64	73	40	4	0.21	-
29	96	67			64	57	68	33	4	0.22	-
30	95	66			61	61	63	36	0	0.20	-
Tot:										6.60	2.58
Ave:	93	70							7		

* Estimated evaporation.

GUJRANWALA

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	93	65			64	56	72	29	4+	0.20	-
2	94	66			65	57	72	30	5	0.20	-
3	95	67			67	52	73	32	1	0.21	-
4	91	65			63	56	68	32	22	0.27	-
5	92	64			60	57	60	33	7	0.21	-
6	92	65			62	58	64	35	6	0.22	-
7	92	65			65	62	89	50	13	0.25	0.21
8	86	63			66	63	85	50	2	0.14	-
9	87	65			67	61	81	42	3	0.17	-
10	91	65			64	59	72	40	6	0.19	-
11	92	63			62	59	75	36	13	0.24	-
12	95	62			63	59	80	34	12	0.26	-
13	97	62			65	62	80	41	5	0.19	-
14	95	63			64	61	76	39	8	0.20	-
15	94	62			63	61	72	40	7	0.19	-
16	93	62			62	64	71	44	6	0.17	-
17	93	60			55	59	61	41	6	0.18	-
18	91	64			55	53	58	45	11	0.19	-
19	86	59			54	59	60	44	35	0.25	-
20	87	60			57	57	69	38	7	0.15	-
21	89	62			54	51	60	49	10	0.18	0.04
22	81	58			61	55	89	51	44	0.33	0.20
23	78	55			55	54	77	46	11	0.12	-
24	80	55			56	54	78	43	13	0.15	-
25	84	53			54	54	88	41	7	0.14	-
26	84	52			53	56	82	44	7	0.13	-
27	85	54			58	56	83	46	6	0.13	-
28	85	55			56	54	82	46	5	0.12	-
29	86	53			54	57	88	49	5	0.14	-
30	84	54			55	55	82	49	7	0.13	-
31	83	54			55	58	77	56	6	0.12	-
Tot:										5.77	1.05
Ave:	89	60									

+ 2 days observations.

GUJRANWALA

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	83	55			57	55	88	43	7	0.12	-
2	84	54			53	56	76	46	7	0.13	-
3	83	52			55	54	88	46	11	0.13	-
4	85	51			52	51	81	39	11	0.14	-
5	84	52			53	57	76	47	7	0.11	-
6	85	53			55	55	88	43	6	0.12	-
7	86	53			56	54	88	43	4	0.10	-
8	84	52			53	57	82	49	10	0.12	-
9	85	54			55	54	88	41	8	0.12	-
10	87	54			57	58	83	50	9	0.13	-
11	85	54			55	59	82	57	1	0.10	-
12	83	55			54	57	88	53	6	0.10	-
13	82	54			55	57	88	53	3	0.09	-
14	82	53			53	52	87	42	8	0.10	-
15	83	52			52	51	87	41	7	0.11	-
16	84	51			50	49	87	40	5	0.10	-
17	82	50			49	49	80	40	6	0.10	-
18	81	49			49	47	86	37	7	0.10	-
19	82	49			48	48	86	40	6	0.10	-
20	82	50			50	49	87	43	5	0.09	-
21	80	49			49	52	86	50	7	0.09	-
22	78	53			51	56	71	73	14	0.11	-
23	69	54			42	59	58	83	22	0.05	0.03
24	72	55			34	55	93	94	21	0.07	0.11
25	65	53			53	60	93	84	21	0.03	0.38
26	70	53			50	56	87	73	21	0.04	0.02
27	72	52			51	61	93	94	13	0.07	-
28	70	50			49	60	86	79	6	0.07	-
29	73	49			48	51	86	59	9	0.08	-
30	73	46			47	49	93	54	15	0.10	-
Tot:										2.92	0.54
Ave:	80	52							9		

GUJRANWALA

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	44			43	50	85	55	11	0.08	-
2	74	45			46	49	92	51	11	0.10	-
3	73	43			45	53	92	60	5	0.07	-
4	72	45			48	53	93	56	7	0.06	-
5	76	50			51	61	93	100	4	0.06	-
6	72	44			45	49	100	54	3	0.05	-
7	72	45			46	47	92	49	11	0.07	-
8	73	47			47	52	93	71	5	0.06	-
9	64	48			52	52	93	87	6	0.04	0.15
10	60	53			52	54	93	88	18	0.04	0.24
11	61	43			44	54	100	77	6	0.04	-
12	65	44			45	51	92	66	13	0.06	-
13	66	41			42	51	92	66	12	0.07	-
14	67	39			40	49	100	66	13	0.07	-
15	67	40			45	55	92	82	9	0.06	-
16	66	46			50	56	93	94	5	0.04	-
17	62	51			49	52	80	71	23	0.05	-
18	64	50			49	58	93	94	13	0.04	0.08
19	65	47			50	56	100	73	5	0.04	0.05
20	71	47			48	50	93	58	8	0.05	-
21	70	43			45	47	92	57	16	0.07	-
22	68	43			44	43	92	63	14	0.08	-
23	70	43			45	51	92	76	15	0.05	0.02
24	65	47			47	51	86	76	18	0.04	-
25	64	49			48	51	93	76	14	0.06	0.01
26	65	49			47	55	86	77	16	0.05	-
27	68	51			51	52	93	71	18	0.07	-
28	67	47			48	49	93	70	27	0.07	-
29	65	41			38	41	83	57	18	0.07	-
30	63	38			40	41	100	53	19	0.08	-
31	61	36			38	38	100	44	9	0.06	-
Tot:										1.85	0.55
Ave:	67	45							12		

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HARIPUR - 1972

Location	Latitude 34°00', Longitude 72°56', inside Civil Rest House, Haripur.
Elevation	1,750± ft.msl.
Period of record	Rainfall data since July 1960 recording rain gauge was installed by Surface Water Hydrology Project in the observatory situated in the premises of Telephone Factory Haripur and maintained by Pakistan Meteorological Services. Surface Water Hydrology established its own observatory in August 1969. It was closed on 16.12.1972
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and Minimum pan water temperature thermometer. Wet and dry bulb thermometers U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Data incomplete.
Remarks	Observation of precipitation pan evaporation maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date whown. Blank space indicates no record. (-) Indicates no precipitation.

HARIPUR

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind ment ment Miles	Evapo-ration inches	Rain inches
1	66	46	55	41	43	37	79	45	7	0.05	-
2	66	39	61	41	37	37	84	42	9	0.05	-
3	69	37	58	39	38	29	91	31	8	0.05	-
4	66	36	55	38	36	32	91	36	9	0.06	-
5	68	36	54	38	36	34	91	40	5	0.05	-
6	67	35	54	38	36	21	91	24	13	0.06	-
7	66	33	53	37	35	31	91	35	10	0.06	-
8	64	36	54	38	33	29	75	36	9	0.06	-
9	57	34	48	36	32	31	81	33	8	0.05	-
10	66	36	54	36	38	32	91	34	9	0.06	-
11	69	36	56	38	36	31	83	33	7	0.06	-
12	68	35	55	40	31	31	81	33	7	0.06	-
13	64	35	55	40	43	39	85	57	6	0.05	-
14	59	46	50	45	44	38	85	43	12	0.02*	0.02
15	65	41	61	44	43	38	85	43	13	0.06	-
16	66	45	56	43	46	44	93	49	6	0.05	-
17	68	43	60	45	42	43	92	46	9	0.06	-
18	69	44	62	45	44	44	92	49	7	0.06	-
19	63	49	56	46	46	45	80	61	13	0.06	-
20	63	49	59	50	47	51	81	82	10	0.05	-
21	58	49	59	48	47	43	86	92	15	0.03	0.20
22	51	38	52	40	39	44	91	64	22	0.04*	1.81
23	59	41	59	40	43	45	92	80	10	0.05	-
24	55	42	50	43	43	43	85	60	6	0.03	-
25	61	43			43	48	92	66	6	0.03*	-
26	60	45	54	48	45	47	86	62	4	0.04	-
27											-
28											-
29	66	40	63	45	48	48	93	93	33+	0.13+	-
30	54	45	52	46	45	47	86	93	9	0.08.18	
31	52	45	51	45	45	48	93	93	13	0.02*	1.30
Tot:										1.47	3.51
Ave:									10		

* Estimated evaporation.
\+ 3 days observation.

HARIPUR

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	52	46	50	45	45	47	86	70	5	0.02	0.11
2	59	42	57	45	43	45	92	65	5	0.03	-
3	59	36	59	41	37	32	91	39	7	0.05	-
4	60	34	59	38	34	39	82	62	8	0.06	-
5	55	39	55	39	42	46	92	93	7	0.05	-
6	60	38	59	42	42	39	92	53	15	0.05	-
7	61	35	63	39	35	40	83	47	9	0.06	-
8	63	34	62	38	37	39	91	38	12	0.07	-
9	67	37	64	40	37	38	84	43	12	0.07	-
10	66	42	61	40	39	41	91	51	9	0.08	-
11			61	45	42	43	85	74	7	0.05	-
12	61	40	53	42	41	43	92	79	41	0.01*	1.42
13	52	36	52	39	39	41	91	79	16	0.02	0.05
14	48	33	54	38	36	42	91	85	15	0.03	0.02
15	52	32	54	38	36	38	91	53	14	0.02	0.01
16	58	33	60	38	37	37	91	42	10	0.05	-
17	60	33	62	38	35	35	83	36	13	0.06	-
18	63	35	63	40	37	32	77	32	9	0.07	-
19	65	37	65	41	37	31	71	23	11	0.08	-
20	70	40	67	43	37	41	60	37	10	0.09	-
21	72	51	68	45	44	47	69	65	11	0.10	-
22	62	50	58	50	44	45	64	61	21	0.04	0.01
23	65	45	60	47	46	51	86	68	24	0.06	-
24	67	48	66	48	42	45	79	65	12	0.04	0.11
25	60	41	66	47	38	27	77	26	11	0.08	-
26	62	35	68	41	36	29	76	27	13	0.09	-
27	63	39	66	42	41	37	73	37	13	0.10	-
28	68	40	69	46	42	27	85	20	11	0.11	-
29	70	40	70	45	44	39	85	36	11	0.11	-
Tot:										1.75	1.73
Ave:			61	42					12		

* Estimated evaporation.

HARIPUR

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	70	40	69	46	44	32	80	21	10	0.11	-
2	74	43	72	48	38	36	61	25	10	0.12	-
3	75	53	73	55	43	44	56	31	12	0.11	-
4	79	54	76	56	52	45	82	47	18	0.12	0.15
5	66	50	65	52	50	45	93	50	25	0.05	0.51
6	66	50	70	52	47	49	70	55	9	0.06	-
7	70	48	74	52	49	48	81	59	10	0.11	-
8	66	47	65	51	46	49	93	76	20	0.12	0.80
9	56	41	65	44	45	42	80	36	14	0.11	0.58
10	71	46	72	47	44	46	61	45	11	0.10	-
11	70	52	68	54	51	52	87	73	5	0.07	-
12	63	54	61	53	54	54	94	100	24	0.01	0.06
13	66	44	64	47	48	51	87	51	21	0.07	0.39
14	72	48	76	50	47	51	65	48	10	0.11	-
15	73	53	75	55	53	52	78	61	10	0.11	-
16	66	49	75	52	53	51	94	40	8	0.06	-
17	77	50	80	54	54	50	83	38	10	0.12	-
18	79	51	82	56	54	56	83	59	12	0.14	-
19	78	56	78	58	54	54	83	78	12	0.10	0.03
20	69	53	77	55	55	53	83	41	18	0.07	0.10
21	78	52	82	57	54	42	78	25	10	0.14	-
22			82	57	53	46	78	27	9	0.14	-
23	83	53	84	57	51	51	60	31	8	0.15	-
24	87	55	85	59	53	49	68	26	7	0.15	-
25	89	57	85	60	59	55	79	40	6	0.15	-
26	86	62	82	61	56	59	70	64	16	0.13	0.10
27	80	56	78	58	58	56	89	41	28	0.16	0.63
28	85	61	87	60	57	57	63	53	10	0.16	-
29	82	58	82	60	58	53	83	36	22	0.21	0.27
30	83	54	85	60	59	48	94	24	10	0.15	-
31			87	59	56	48	70	27	7	0.17	-
Tot:										3.50	3.62
Ave:			76	79					13		

HARIPUR

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	86	53	87	59	53	49	65	28	8	0.18	-
2	87	53	88	59	53	59	73	42	5	0.18	-
3	87	58	84	61	53	50	65	45	5	0.15	-
4	82	61	74	59	53	58	68	89	14	0.10	0.01
5	65	52	64	54	57	55	89	43	19	0.04	0.18
6	80	59	84	56	57	43	89	21	8	0.13	-
7			88	60	57	52	74	30	6	0.17	-
8	87	60	89	64	55	54	69	42	8	0.18	-
9	84	56	88	60	53	51	73	31	15	0.20	-
10			84	59	57	52	74	34	8	0.19	-
11	84	56	89	62	57	56	79	34	10	0.20	-
12	88	57	91	63	58	57	74	30	7	0.20	-
13	93	57	92	63	59	57	75	30	6	0.21	-
14	95	58	93	63	56	59	53	37	7	0.23	-
15	94	63	89	65	59	55	67	43	6	0.17	0.01
16	82	61	80	62	57	59	79	57	26	0.13	0.20
17	78	56	77	61	59	57	84	46	13	0.09	0.04
18	84	61	87	63	56	53	70	39	11	0.17	-
19	81	56	87	62	58	50	74	34	8	0.16	-
20	83	55	89	60	57	54	74	38	21	0.15*	0.20
21	82	52	88	60	55	49	69	26	10	0.20	-
22	89	58	92	61	55	57	65	36	7	0.21	-
23	91	55	90	60	53	53	55	27	7	0.20	-
24	94	58	93	62	55	51	62	23	7	0.22	-
25	95	59	93	63	59	55	67	26	6	0.22	-
26	95	62	94	65	58	78	60	62	12	0.23	-
27	97	69	96	68	62	58	68	54	8	0.24	-
28	83	62	79	64	63	60	89	61	14	0.10	0.50
29	75	60	80	63	60	55	84	35	10	0.11	0.16
30	86	59	91	65	59	51	71	42	11	0.21	-
Tot:										5.17	1.30
Ave:			87	62					10		

* Estimated evaporation.

HARIPUR

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	89	56	93	61	55	43	65	23	12	0.22	-
2	89	58	89	62	58	52	74	37	7	0.21	-
3	88	57	94	61	57	56	63	31	7	0.21	-
4	92	62	94	65	61	60	68	43	7	0.22	-
5	88	66	86	68	60	55	67	40	6	0.19	0.05
6	82	65	81	65	58	58	60	54	23	0.10	0.02
7	79	61	78	56					16	0.06	-
8	89	68	92	66					8	0.18	-
9	92	68	93	70					11	0.21	-
10	89	64	88	67					13	0.19	-
11	93	66	91	68					13	0.22	-
12	100	66	96	68					5	0.23	-
13	103	73	99	71					21	0.26	-
14	95	66	95	67					30	0.27	0.11
15	97	69	96	68					5	0.21	-
16	98	68	98	71		57		25	3	0.25	-
17	99	67	97	70	55	58	43	24	6	0.24	-
18	101	67	99	70	57	43	46	13	5	0.26	-
19	102	66	100	68	55	39	40	12	7	0.28	-
20	103	66	99	68	56	48	41	15	6	0.29	-
21	106	68	101	70	60	65	47	42	4	0.31	-
22	107	78	100	71	55	56	43	28	22	0.32	-
23	95	68	89	69	64	59	81	35	33	0.33	0.20
24	95	66	91	69	53	61	41	53	19	0.30	-
25	95	65	91	66	56	65	50	23	23	0.19	0.04
26	96	63	95	68	55	42	45	15	10	0.26	-
27	97	59	97	64	48	32	35	11	7	0.29	-
28	96	61	95	64	45	37	32	12	10	0.30	-
29	99	63	97	66	53	41	44	13	8	0.30	-
30	101	64	98	67	51	45	33	14	9	0.30	-
31	103	66	98	68	51	52	31	17	12	0.32	-
Tot:										7.52	0.42
Ave:	95	65	94	67					12		

HARIPUR

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	107	68	102	71	52	54	30	17	4	0.33	-
2	109	76	103	72	56	52	34	17	6	0.33	-
3	106	74	100	75	59	55	42	19	9	0.30	-
4	105	76	102	75	58	53	40	25	10	0.33	-
5	98	65	96	68	64	54	65	27	15	0.27	0.17
6	95	70	98	69	58	55	45	26	12	0.30	-
7	97	65	99	69	56	48	41	18	6	0.30	-
8	102	67	100	70	59	51	45	23	5	0.31	-
9	102	67	100	69	55	52	39	19	11	0.32	-
10	104	72	100	70	57	52	39	17	6	0.32	-
11	105	70	101	72	57	56	38	19	6	0.33	-
12	108	77	103	74	61	55	41	19	9	0.35	-
13	108	73	100	74	61	55	41	17	4	0.33	-
14	109	76	103	76	61	52	38	16	8	0.34	-
15	108	73	102	74	61	53	38	16	10	0.34	-
16	110	71	105	72	61	47	41	13	6	0.35	-
17	111	71	103	71	60	50	39	13	6	0.37	-
18	112	72	102	72	63	41	44	9	6	0.38	-
19	110	72	103	72	62	55	43	19	5	0.37	-
20	108	73	98	70	65	57	52	21	7	0.31	-
21	107	82	102	71	66	63	46	29	3	0.31	-
22	105	71	98	72	68	74	82	45	15	0.30	0.34
23	99	73	96	72	69	67	53	33	6	0.21	-
24	105	78	104	76	69	66	53	30	5	0.30	-
25	107	73	102	79	74	68	56	35	7	0.31	-
26	106	77	101	75	65	64	60	34	20	0.32	-
27	102	72	100	74	66	63	55	29	21	0.30	-
28	102	81	102	77	72	70	53	59	14	0.33	-
29	96	71	88	75	72	70	71	37	12	0.31	0.82
30	101	78	104	77	70	65	51	36	5	0.29	-
Tot:										9.56	1.33
Ave:	105	73	101	73					9		

HARIPUR

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	96	76	97	76	62	66	43	30	18	0.34	0.07
2	105	76	102	77	70	69	45	31	3	0.32	-
3	106	79	102	75	70	65	59	29	4	0.32	-
4	106	80	105	77	71	70	65	37	12	0.33	-
5	107	79	105	75	69	69	61	59	22	0.35	-
6	99	70	97	71	61	68	53	43	25	0.28	0.05
7	94	71	95	74	65	61	60	27	11	0.22	0.06
8	102	77	101	76	69	73	59	55	9	0.31	-
9	99	79	104	78	71	73	62	48	16	0.28	0.02
10	97	81	95	78	71	71	62	40	12	0.26	-
11	100	74	101	77	70	73	68	55	16	0.26	0.02
12	97	69	99	71	72	65	86	38	22	0.32	0.29
13	95	69	94	73	70	70	68	38	4	0.26	-
14	100	78	103	78	72	73	60	37	6	0.29	-
15	105	82	105	81	75	74	61	36	5	0.30	-
16	107	84	106	82	75	73	64	41	4	0.32	-
17	105	82	103	81	70	68	56	39	11	0.32	-
18	103	76	101	77	74	66	83	37	21	0.35	0.23
19	97	74	98	74	68	67	67	41	16	0.25	0.15
20	98	73	95	72	65	66	54	37	17	0.27	-
21	100	76	98	74	68	66	53	30	5	0.27	-
22	104	78	103	78	69	65	53	26	4	0.29	-
23	107	81	103	80	73	60	55	30	4	0.29	-
24	105	74	101	75	76	74	76	42	14	0.25	0.13
25	102	83	103	78	72	68	57	49	6	0.25	-
26	103	76	100	76	67	69	58	33	14	0.27	-
27	103	74	100	75	67	63	55	24	4	0.28	-
28	107	76	103	75	65	60	49	22	8	0.30	-
29	109	83	102	76	65	61	43	31	9	0.30	-
30	104	71	99	71	72	73	71	45	34	0.50	1.13
31	105	70	99	74	70	73	71	39	5	0.13	0.01
Tot:										9.08	2.16
Ave:	102	76	102	76					12		

HARIPUR

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	77	102	75	71	70	62	36	3	0.26.	-
2	103	79	102	73	73	72	62	38	2	0.26	-
3	105	82	104	81	76	75	69	40		0.27	-
4	106	85	104	80	77	73	67	39		0.27	-
5	105	85	103	82	75	75	67	47	5+	0.27	-
6	102	83	100	81	73	73	68	48	9	0.25	-
7	95	71	94	74	74	74	95	69	15	0.07*	2.15
8	93	75	97	76	75	73	83	86	8	0.18	-
9	95	71	98	73	72	73	86	48	12	0.15	0.26
10	95	74	100	73	73	72	75	43	4	0.20	-
11	99	76	103	77	74	73	72	43	6	0.25	-
12	100	80	102	78	78	77	87	65	7	0.25	-
13	93	70	92	76	74	77	95	62	7	0.11*	1.35
14	93	73	94	75	72	71	91	54	8	0.20	0.01
15	90	74	90	73	74	73	83	48	3	0.12	-
16	95	77	100	77	76	73	76	45	2	0.19	-
17	99	68	102	69	69	72	95	65	8	0.30	0.48
18	85	69	87	70	73	78	79	62	3	0.09	0.02
19	94	69	100	75	69	72	95	65	3	0.20*	1.09
20	85	69	100	74	74	73	83	53	5	0.08	0.04
21	94	74	101	77	74	74	79	49	2	0.21	-
22	96	71	102	74	69	73	74	47	4	0.23	-
23	98	75	101	73	70	63	68	48	2	0.22	-
24	91	75	93	74	73	70	75	42	14	0.18	-
25	97	73	100	74	66	67	70	44	9	0.21	0.03
26	92	70	90	72	71	66	78	37	2	0.14	-
27	98	71	98	72	70	73	71	45	5	0.21	-
28	99	77	100	74	72	73	71	51	4	0.21	-
29	95	72	98	75	73	73	95	83	9	0.22	0.50
30	79	72	82	74	73	77	91	67	2	0.06	0.29
31	91	76	95	75	74	73	79	66	3	0.14	-
Tot:										6.00	6.22
Ave:	96	75	98	75					5		

* Estimated evaporation.

\+ 3 days observations.

HARIPUR

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	70	92	73	72	79	86	59	4	0.12	0.60
2	95	73	100	74	72	74	79	45	2	0.18	-
3	99	74	101	75	71	77	75	48	1	0.18	--
4	100	75	101	77	73	73	75	43	2	0.20	-
5	101	76	100	77	73	72	72	46	3	0.20	-
6	100	77	99	78	75	74	76	49	3	0.20	-
7	101	77	99	78	76	76	79	50	4	0.19	-
8	99	77	97	78	72	73	65	48	1	0.18	-
9	96	69	96	72	71	78	86	65	10	0.04*	1.10
10	92	72	95	73	71	74	91	72	3	0.16	0.08
11	87	68	86	72	69	69	90	59	9	0.11	0.15
12	85	66	84	70	68	74	90	56	4	0.07	0.42
13	93	70	94	70	72	72	86	43	1	0.15	-
14	99	75	97	74	74	75	83	52	1	0.16	-
15	97	76	98	76	76	74	87	51	2	0.17	-
16	95	64	98	71	69	76	95	64	8	0.09*	1.02
17	91	66	93	70	68	76	90	61	4	0.14	-
18	92	67	93	70	67	61	85	55	3	0.16	-
19	83	61	81	65	63	65	89	66	14	0.07	0.39
20	83	61	86	66	63	69	85	59	14	0.11	-
21	99	56	88	64	56	62	79	53	9	0.20	-
22	84	55	85	60	59	61	89	53	5	0.12	-
23	86	57	85	60	59	58	89	33	5	0.14	-
24	91	57	87	61	57	61	79	38	5	0.15	-
25	96	58	89	61	60	58	89	30	4	0.15	-
26	96	59	89	62	57	59	79	34	3	0.16	-
27	95	59	88	62	58	59	79	34	3	0.15	-
28	96	59	89	63	58	61	79	34	3	0.15	-
29	96	61	88	63	59	60	75	35	3	0.15	-
30	95	61	88	64	57	63	66	38	7	0.15	0.07
Tot:										4.40	3.83
Ave:	94	67	92	69					5		

* Estimated evaporation.

HARIPUR

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	93	60	86	63	60	61	84	34	2	0.14	-
2	95	61	88	63	63	61	89	38	2	0.14	-
3	92	64	87	63	60	59	84	63	21	0.16	0.07
4	77	56	71	58	59	59	94	37	5	0.07	-
5	90	60	85	61	58	55	79	32	4	0.09	-
6	89	58	79	61	60	58	89	37	2	0.09	-
7	91	60	85	61	61	59	89	38	6	0.13	-
8	90	62	85	63	61	57	84	38	5	0.13	-
9	90	62	85	64	61	59	84	37	5	0.12	-
10	93	62	87	64	62	59	89	41	3	0.13	-
11	93	59	86	62	61	58	94	33	6	0.14	-
12	95	58	86	61	57	56	79	31	5	0.15	-
13	98	58	85	61	58	50	83	27	6	0.15	-
14	98	58	85	60	57	51	79	29	4	0.14	-
15	97	59	85	60	60	52	89	30	3	0.14	-
16	96	61	84	60	56	51	66	33	7	0.15	-
17	90	61	83	62	58	53	79	48	12	0.14	-
18	82	57	76	57	55	56	94	88	24	0.12	0.82
19	61	48	68	48		58		51	6	0.04	0.44
20	80	52	75	49	59	50	94	45	6	0.08	-
21	83	58	76	57	56	55	83	69	15	0.10	0.07
22	68	50	69	52	52	55	87	52	14	0.06	1.11
23	79	48	73	52	52	49	94	41	5	0.08	-
24	81	49	75	53	52	47	94	36	7	0.10	-
25	83	48	77	54	53	49	88	37	5	0.11	-
26	84	49	76	50	51	32	77	21	4	0.12	-
27	83	48	75	45	52	47	87	36	6	0.10	-
28	86	49	78	48	52	47	77	34	4	0.12	-
29	89	50	78	51	50	42	76	31	5	0.12	-
30	85	49	76	52	51	47	82	40	4	0.10	-
31	85	50	75	52	48	51	66	54	4	0.10	-
Tot:										3.56	1.51
Ave:	87	56	80	57					7		

HARIPUR

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	79	51	70	53	53	48	94	41	1	0.08	-
2	81	49	73	52	52	49	94	41	3	0.08	-
3	82	50	73	51	49	47	81	40	3	0.10	-
4	85	48	74	53	47	48	70	39	3	0.12	-
5	88	49	75	52	49	49	76	41	4	0.10	-
6	87	51	75	53	50	47	87	36	2	0.08	-
7	89	51	75	53	49	51	81	42	4	0.10	-
8											-
9											-
10	86	51	73	53	49	49	67	37	8+	0.24+	-
11	86	53	74	55	56	48	83	39	2	0.08	-
12	81	57	70	56	56	53	83	52	4	0.07	-
13	85	53	73	54	57	51	94	42	3	0.08	-
14	85	49	75	51	53	50	94	47	4	0.07	-
15	85	47	70	51	50	42	76	38	4	0.08	-
16	85	46	68	48	50	41	87	35	3	0.08	-
17	85	46	67	47	48	38	93	31	3	0.08	-
18	85	45	66	46	47	39	86	34	5	0.08	-
19	84	44	65	46	43	35	79	29	4	0.08	-
20	84	44	64	45	45	36	93	30	3	0.07	-
21	83	47	64	46	47	41	70	42	3	0.07	-
22	71	54	59	49	49	55	76	83	5	0.02	0.06
23	62	50	59	50	51	52	93	94	7	0.03	0.67
24	55	48	53	48	49	53	93	88	10	0.02	0.25
25	65	50	60	48	50	52	93	94	5	0.03	0.31
26	60	43	57	44	41	51	85	72	10	0.01	0.06
27	70	43	60	42	43	47	92	58	4	0.04	-
28	72	44	61	45	45	46	93	57	3	0.05	-
29	71	42	60	43	43	43	92	52	5	0.05	-
30	71	41	59	43	42	45	85	53	4	0.04	-
Tot:										2.03	1.35
Ave:									4		

\+ 3 days observation.

HARIPUR

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	42	58	42	44	44	92	49	4	0.05	-
2	72	44	57	43	43	45	85	50	3	0.04	-
3	74	43	59	44	45	46	93	54	2	0.04	-
4	75	46	60	44	47	45	86	53	4	0.04	-
5	68	44	62	45	47	42	93	49	2	0.04	-
6	68	42	63	42	44	42	92	49	3	0.04	-
7	73	44	57	42	46	40	86	44	4	0.04	-
8	66	49	56	44	47	43	86	60	3	0.04	-
9	61	46	53	45	47	48	93	93	4	0.02	-
10	52	46	48	45	46	49	86	87	9	0.01*	1.18
11	58	40	55	41	43	47	92	70	7	0.01	-
12	65	40	55	41	43	44	92	64	5	0.03	-
13	66	38	35	39	42	43	92	60	5	0.04	-
14	67	40	54	39	41	43	85	60	5	0.03	-
15	65	43	54	40	43	42	85	55	3	0.03	-
16	64	46	53	42	46		80		6	0.03	-
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Tot:											
Ave:											

* Estimated evaporation.

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HINDU BAGH - 1972

Location	Latitude 30°49', Longitude 67°44', in the premises of Hospital, Hindu Bagh.
Elevation	5,870 ± ft.msl.
Period of record	Rain fall data since July, 1964, observatory established by Surface Water Hydrology Project WAPDA in April, 1970.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Wet and dry bulb thermometers.
Annual figures	Precipitation 15.73 inches Absolute Maximum air temperature 103°F Absolute Minimum air temperature 10°F
Remarks	Observations of precipitation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the the date shown. Blank space indicates no record. (-) Indicates no precipitation.

HINDU BAGH

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	69	34			9	24	23	39			-
2	59	33			4	18	27	28			-
3	60	35			12	22	37	81			-
4	59	32			1	9	25	19			-
5	58	32			14	22	43	31			-
6	59	32									-
7	58	32			24	16	70	27			-
8	56	33			24	15	70	24			
9	50	33			24	10	70	21			-
10						15		24			-
11	57	31			26	22	79	77			-
12	58	27				26		79			-
13	54	28			30	29	74	80			-
14	55	28									-
15	56	26			15	1	55	13			-
16											-
17	47	34			27	1	72	13			-
18	54	35			26	8	64	16			-
19	59	37			26	15	53	24			-
20					33	36	82	70			-
21	47	33			25	28	71				0.86
22	38	34			1	26	23	79			-
23	51	29			8	17	38	30			-
24	54	31			10	15	39	24			-
25	55	32			12	10	41	21			-
26	55	33			21	15	54	24			-
27	54	31									-
28	51	32			13	25	33	48			-
29	50	39			28	32	59	68			-
30	46	32			24	26	56	53			0.50
31	42	36			17	21	45	44			2.15
Tot:											3.51
Ave:											

HINDU BAGH

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	45	32			15	13	49	31			-
2	45	28									-
3	44	23			3	11	27	31			-
4	39	22			12	14	60	43			-
5	36	22			12	7	52	29			-
6	36	22			12	32	52	57			-
7	46	24			6	38	39	71			-
8	48	21			9	45	49	75			-
9	58	24			18	47	57	70			-
10					27	37	65	65			-
11	55	11			12	22	60	61			-
12	58	10				11		44			-
13	34	12			9	17	49	45			-
14	38	11			12	30	52	66			-
15	44	21			12	37	52	71			-
16	51	20			18	7	65	23			-
17	48	23			9	32	42	57			-
18	53	27			18	49	57	71			-
19	61	30			30	54	66	73			-
20	61	30			30	49	66	67			-
21					34	30	100	66			0.15
22					31	33	67	82			0.40
23	49	24			18	33	65	75			-
24	40	18			12	17	52	45			-
25	38	12									-
26					18	7	65	39			-
27	40	25			15	1	63	15			-
28	45	25			25	16	63	1			-
29											
Total											0.55

HINDU BAGH

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	60	30			29	17	66	26			-
2	60	29			21	15	54	18			-
3	60	34			16	30	33	56			-
4	54	35			27	26	72	53			0.60
5	48	34			27	33	58	63			-
6	63	40			43	57	85	94			-
7	63	46			44	41	92	92			-
8	50	42			32	38	68	77			0.60
9					39	42	84	85			-
10	63	34			26	35	53	59			0.90
11	50	41			33	31	63	48			1.16
12	52	40									0.10
13					9	19	33	27			-
14	60	34									-
15	68	42									-
16	60	44									-
17	60	42									-
18	62	42									0.25
19					38		71	3			1.20
20	64	43									-
21	65	41			24	4	47	9			-
22	70	43			38	18	71	19			-
23	72	47			44	27	80	25			-
24	75	48			49	3	76	7			-
25	77	49			35		51				-
26	74	48			34		50				-
27	76	50			23		30				-
28	74	52			37		52				-
29	75	48			43		74				-
30	69	40			33	7	63	9			-
31	69	40			7	15	19	11			4.81

Tot:

Ave:

HINDU BAGH

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	71	39				18		12			-
2	77	45			12	18	13	13			-
3	76	51			23		30				-
4	70	47			33	8	53	8			-
5					44	46	74	45			-
6	74	46			35	38	51	31			-
7	73	48									-
8	70	48									-
9	72	45			46		86	3			-
10	70	45			42		79				-
11	75	46			44		64				-
12	78	48			53	65	88	60			-
13	80	51			27	5	26	5			-
14	85	62			29	9	27	7			-
15	82	56			45	11	57	9			0.10
16	76	52			41	66	58	90			0.12
17	70	52									-
18	72	48			23	23	33	17			-
19	71	48			13	27	19	16			-
20	73	48			39	18	62	13			-
21	79	50			38	27	53	21			-
22	74	55			43	11	60	10			-
23	69	48			39	35	57	27			-
24	75	54			43	38	60	29			-
25	76	54			47	49	58	63			-
26	81	56			47	44	70	39			1.00
27	70	55			43	37	60	35			0.75
28	67	51			41	45	63	42			0.70
29	70	50			43	73	68	95			-
30	78	52			40	72	94	91			-
Total:											2.67

HINDU BAGH

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	80	54			51	79	77	96			-
2	80	54			45	43	65	29			-
3	80	51			53	49	88	33			-
4	83	57			53	69	83	90			0.30
5	78	51			49	67	81	85			0.13
6	75	54			55	66	88	90			0.03
7	69	50			47	69	70	86			-
8	79	56			60	72	89	86			-
9	81	59			50	77	71	91			-
10					57	69	70	74			-
11	84	59			58	72	74	79			-
12	84	61			67	69	90	70			-
13	82	60			64	74	81	91			-
14	85	52			57	63	83	62			-
15	82	57			50	67	67	77			-
16	84	56			55	63	78	62			-
17	84	57			62	79	76	84			-
18	86	55			63	83	59	92			-
19	86	61			66	84	81	88			-
20	89	65			64	73	69	58			-
21	90	60			63	70	76	54			-
22	92	68			72	69	86	67			-
23	90	62			61	64	75	69			-
24	83	60			56	58	66	57			-
25	78	52			57	68	66	67			-
26	78	54			54	66	65	66			-
27	82	52			49	71	50	45			-
28	83	53			52	66	57	66			-
29	84	51			47	68	48	67			-
30	89	56			55	69	59	74			-
31	90	59			58	64	63	49			-
Tot:											0.46
Ave:											

HINDU BAGH

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	64			64	61	72	43			-
2	92	63			67	63	90	43			-
3	90	64			69	62	78	55			-
4	92	67			64	71	69	68			-
5	89	63			65	68	77	67			-
6	86	60			69	63	78	59			-
7	86	62			67	73	81	68			-
8	84	61			60	68	64	67			-
9	87	62			66	74	81	66			-
10	90	63			62	76	62	64			-
11	91	64			64	88	65	92			-
12	94	62			64	85	69	85			-
13	93	63			61	85	61	75			-
14	91	64			64	85	72	85			-
15	92	64			64	85	69	81			-
16	90	63			66	82	73	77			-
17	94	66			63	59	62	35			-
18					66	60	70	32			-
19	94	68			69	59	70	35			-
20	94	68			68	63	67	37			-
21	98	70			72	54	91	25			-
22	97	72			67	60	73	30			-
23	99	69			67	67	77	41			-
24	98	70			72	70	91	44			-
25	100	63			72	56	91	28			-
26	102	64			67	59	81	29			-
27	100	63			68	54	82	27			0.23
28	103	63			72	75	91	54			-
29	95	64			69	83	90	69			0.20
30	97	65			71	86	91	73			-
Tot:											0.43
Ave:											

HINDU BAGH

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	96	66			62	78	76	59			-
2					67	79	85	92			0.52
3	90	71			67	83	77	85			-
4	95	72				80		60			0.35
5	97	68			69	85	90	81			-
6	95	72			66	66	66	81			-
7	96	74			64	69	65	90			-
8	95	72			66	69	70	74			-
9	92	77			68	76	67	64			-
10	95	76			75	73	59	58			-
11	97	78			69	78	86	65			-
12	98	68			59	73	51	58			-
13	97	69			58	75	54	59			-
14	98	75			78	75	65	61			-
15	96	76			76	78	64	65			-
16	90	78			73	78	75	65			-
17	98	68			59	76	51	64			-
18	97	68			68	71	82	57			-
19	98	74			78	73	65	58			-
20	98	76			76	76	64	61			-
21	97	67			70	77	71	62			-
22	98	68			61	79	58	70			-
23					69	77	95	62			-
24	97	68			69	79	86	70			-
25	97	67			70	77	71	70			-
26	98	72			65	78	60	57			-
27	96	68			64	77	65	62			-
28	98	72			66	79	81	70			-
29	96	70			66	73	66	58			-
30	98	75			75	73	59	58			-
31	97	68			69	74	86	63			-
Tot:											0.87
Ave:											

HINDU BAGH

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	98	72			73	76	60	64	10		-
2	96	62			68	71	67	57	12		-
3	97	68			69	37	86	16	28		-
4	99	73			80	55	96	26	25		-
5	100	70			80	70	88	42	19		-
6	100	75			73	81	75	74	7		-
7	100	72			71	81	82	71	8		-
8	97	64			61	82	68	77	6		-
9	98	67			60	78	64	65	10		-
10	100	68			64	81	69	74	7		-
11	98	66			61	70	65	54	13		-
12	96	64			55	71	56	57	12		-
13	94	65			57	67	60	52	13		-
14	92	68			54	77	69	91	2		-
15	94	62			67	79	85	92	2		-
16	94	60			67	77	90	80	5		-
17	96	64			68	75	82	69	8		-
18	96	64			66	75	81	67	9		-
19	94	65			69	79	90	87	3		-
20											-
21											-
22											-
23											-
24											-
25											-
26											-
27	93	61			45	78	25	87	3		-
28	94	62			48	80	27	88	3		-
29	96	64			41	65	23	63	9		-
30	93	59			66	67	66	61	10		-
31	91	72			49	61	33	53	12		-
Tot:											0.00
Ave:											

HINDU BAGH

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	53			55	55	56	45			-
2	90	59			58	77	71	70			-
3	90	60			57	89	63	92			-
4	95	62			44	72	39	53			-
5	100	64			60	76	61	64			-
6	102	66			62	77	68	62			-
7	96	61			65	76	73	64			-
8	98	60			56	73	50	58			-
9	96	58			51	78	48	59			-
10	96	61			65	76	73	64			-
11	84	64			65	80	69	77			-
12	98	60			59	87	64	88			-
13	93	59			69	60	82	39			-
14	96	60			60	78	71	76			-
15	94	58			55	87	62	92			-
16	92	59			59	85	79	88			-
17	90	60			65	64	77	81			-
18	88	59			49	55	50	74			-
19	72	49			46	55	86	78			-
20	70	48			45	55	80	83			-
21	72	50			46	69	80	90			-
22	74	49			39	56	53	70			-
23	79	52			42	60	55	71			-
24	82	52			54		69				-
25	80	54			62	71	80	75			-
26	84	55			63	70	89	68			-
27	86	54			59	73	75	79			-
28	82	56			62	73	80	68			-
29	84	54			63	69	89	61			-
30	84	52			65	70	90	68			-
Tot:											0.00
Ave:	88	57									

HINDU BAGH

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	64			46	76	45	76			-
2	84	45			48	66	87	66			-
3	82	44			39	65	62	73			-
4	82	46			42	53	63	55			-
5	84	42			37	56	48	70			-
6	82	44			37	53	52	78			-
7	78	47			43	58	64	71			-
8	79	51			51	63	72	80			-
9	83	50			47	65	81	73			-
10	88	53			54	73	69	91			-
11	88	58			54	69	65	74			-
12	84	56			43	59	46	54			-
13	86	54			56	65	70	69			-
14	83	58			60	68	84	82			-
15	80	50			45	65	86	69			-
16	80	48			38	66	66	66			-
17	82	49			35	66	59	70			-
18					39	63	67	65			-
19					37	65	60	77			-
20					39	62	62	76			-
21					34	59	58	75			-
22	82	48			34	54	58	62			-
23	80	48			37	56	60	70			-
24	80	47			23	58	33	71			-
25	79	45			24	56	36	70			-
26	74	41			37	56	60	79			-
27	74	39			34	56	58	83			-
28	72	36			39	57	72	89			-
29	72	36			38	55	71	83			-
30	74	34			42		85				-
31	77	40			29	56	55	70			-
Tot:											0.00
Ave:											

HINDU BAGH

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	44			32	59	57	75			-
2	74	45			38	57	71	74			-
3	77	47			39	60	72	75			-
4	76	47			41	61	73	75			-
5	76	45			41	67	79	90			-
6	78	48			41	67	73	85			-
7	79	49			44	64	74	69			-
8	80	51			46	67	75	70			-
9	82	52			48	67	81	73			-
10	82	54			46	69	75	86			-
11	84	51			42	71	68	86			-
12	88	48			42	63	68	76			-
13	74	51			42		68				-
14	74	50			39	53	62	55			-
15	72	46			34	50	63	53			-
16	74	40			37	58	84	71			-
17	74	38			35	51	76	68			-
18	70	40			24	45	47	57			-
19	68	39			39	59	72	89			-
20	72	38			27	57	58	89			-
21	62	40			43	39	85	67			0.11
22	55	38			30	42	66	73			0.07
23	56	36			30	43	74	68			-
24	56	38			35	39	83	67			-
25	54	35			30	44	74	74			-
26	54	36			27	44	65	80			-
27	52	38			22	45	49	93			-
28	56	38			27	49	65	93			-
29	58	36			26	53	64	88			-
30	62	32			21	48	54	59			-
Tot:											0.18
Ave:	70	43									

HINDU BAGH

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	66	30			19	60	47	89			-
2	73	36			20	57	53	74			-
3	66	34			20	55	48	83			-
4	68	31			27	51	65	77			-
5	66	32			17	49	45	76			-
6	64	34			25	43	63	64			-
7	66	34			29	39	80	67			-
8	67	34			25		63				0.05
9	70	32			25	29	63	73			-
10	55	28			17	26	57	64			-
11	47	30			26	33	79	63			-
12	59	32			30	47	66	75			-
13	68	30			36	47	76	65			-
14	70	29			33	45	75	61			-
15	64	27			25	29	63	34			-
16	66	30			27	45	65	57			-
17	70	34			29	46	80	75			1.40
18	61	33			32	44	81	85			0.10
19	58	33			24	9	70	27			0.12
20	56	32			24	15	70	35			-
21	58	32			30	9	74	27			0.18
22	56	37			26	42	64	73			-
23	54	30			19	13	59	31			-
24					7	15	29	35			-
25					17		57	37			-
26	32	15			13	20	70	76			0.01
27	30	18				9		49			0.09
28	48	24			12	12	60	52			0.30
29	48	22			11	15	59	55			-
30					22	17	77	57			-
31	48	28			24		78	37			-
Tot:											2.25
Ave:											

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HUB DAM SITE - 1972

Location	Latitude 25°15', Longitude 67°05', near Hub Dam site colony.
Elevation	270 ± ft.msl.
Period of record	Rainfall data only form March 1961 to date, station operated by Karachi Irrigation Project. Observatory established by Surface Water Hydrology Project in early 1962.
Instruments	5" Non-recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Sureau Standard Evaporation pan. Anemometer Pyrheliometer.
Annual figures	Precipitation 1.46 inches. Evaporation (Pan) 165.56 Absolute maximum air temperature 114°F Absolute minimum air temperature 42°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Solar radiation is measured in langleys per day from midnight to midnight on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

HUB DAM SITE

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation Inches	Rain Inches
1	78	53	75	51	32	43	28	37	282		0.28	-
2	80	52	75	41		32		26	240		0.30	-
3	81	49	77	47		28		25	254		0.35	-
4	79	49	73	50	35	43	39	58	282		0.30	-
5	77	48	75	47	30	41	36	61	254		0.25	-
6	78	47	74	44	28	47	35	80	296		0.27	-
7	79	48	72	46	45	38	73	55	325		0.32	-
8	75	44	73	41	14	38	19	41	282		0.27	-
9	79	52	75	51	41	54	46	48	296		0.31	-
10	78	55	76	52	43	49	47	43	268		0.28	-
11	76	53	74	50	40	54	45	43	282		0.26	-
12	80	58	77	54	46	50	53	39	240		0.32	-
13	79	56	77	53	46	49	56	40	268		0.29	-
14	77	52	75	50	41	46	46	34	296		0.27	-
15	77	51	73	50	37	47	40	37	282		0.26	-
16	79	54	76	52	40	45	42	44	282		0.25	-
17	76	53	73	52	46	45	56	38	254		0.27	-
18	75	54	75	51	40	53	40	47	282		0.24	-
19	78	52	74	50	40	57	40	49	170		0.26	-
20	80	59	78	54	50	59	55	51	240		0.29	-
21	81	58	76	56	55	59	64	53	296		0.31	-
22	79	57	75	54	50	51	62	39	282		0.29	-
23	80	56	77	49	47	46	57	33	326		0.25	-
24	79	52	76	57	41	47	49	37	226		0.23	-
25	77	54	77	54	35	43	36	32	268		0.23	-
26	78	51	76	50	42	24	50	14	282		0.25	-
27	77	55	75	54	49	7	70	6	282		0.24	-
28	78	56	79	57	30	18	28	11	268		0.25	-
29	79	54	77	56	28		23		240		0.26	-
30	78	59	76	56	34	41	29	30			0.27	-
31	77	61	74	54	25	36	22	25			0.26	-
Tot:											8.48	0.00
Ave:	78	53	75	51								

HUB DAM SITE

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	76	62	76	59					240		0.[illegible]4	-
2	74	59	72	55					42		0.25	-
3	72	56	72	54					311		0.31	0.09
4	73	58	72	55			2		367		0.24	-
5	74	57	73	56	21	18	21	14	339		0.23	-
6	76	53	75	53	42	47	54	44	367		0.25	-
7	75	52	74	52	34	45	41	36	325		0.26	-
8	77	51	76	50	35	50	42	46	353		0.27	-
9	79	55	78	54	37	48	43	38	311		0.29	-
10	79	54	78	52	46	49	64	36	353		0.30	-
11	80	55	79	54	49	37	75	24	353		0.32	-
12	79	54	79	52	50	54	76	46	353		0.29	-
13	78	53	77	53	49	43	70	29	381		0.30	-
14	83	56	80	57	50	50	62	27	353		0.34	-
15	81	54	78	55	49	55	66	43	367		0.31	-
16	82	55	81	53	53	40	82	26	367		0.33	-
17	79	56	79	57	55	35	82	22	367		0.32	-
18	81	57	81	58	55	39	77	24	367		0.34	-
19	83	58	82	59	54	45	68	30	367		0.36	-
20	82	55	81	53	53	40	82	26	367		0.35	-
21	79	56	79	57	55	35	82	22	325		0.32	-
22	81	57	80	57	51	39	66	24	367		0.34	-
23	79	55	77	54	47	39	65	28	395		0.30	-
24	75	54	73	51	46	40	64	27	381		0.27	-
25	77	45	76	45	29	32	38	23	367		0.24	-
26	79	49	70	44	37	36	54	25	367		0.32	-
27	75	48	72	47	41	18	57	12	367		0.32	-
28	78	48	76	50	38	18	60	11	381		0.34	-
29	78	50	78	49	43	19	73	11	424		0.36	-
Tot:											8.71	0.09
Ave:	78	54	77	53								

HUB DAM SITE

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	80	52	77	47	48	36	80	20	409		0.37	-
2	82	54	80	56	42	31	58	18	395		0.35	-
3	81	55	79	55	50	22	81	11	381		0.38	-
4	82	53	81	54	45	33	63	20	424		0.36	-
5	80	56	79	55	52	32	81	17	395		0.34	-
6	83	57	82	57	53	41		24	367		0.39	-
7	86	60	82	50	51	46		29	381		0.42	-
8	86	61	89	57	55	63		53	353		0.39	-
9	87	60	90	59	58	61		49	240		0.41	-
10	88	63	85	61	51	33		13	353		0.43	-
11	92	59	88	55	47	54		43	311		0.45	-
12	85	65	80	55	57	40		22	424		0.45	-
13	86	59	84	57	51	39	49	19	409		0.41	-
14	91	62	87	55	51	36	62	17	381		0.39	-
15	90	64	88	56	54	39	66	19	367		0.43	-
16	90	68	84	60	60	45	56	22	395		0.45	-
17	92	68	90	65	63	47	57	23	367		0.35	-
18	94	70	90	65	62	36	67	16	381		0.42	-
19	94	69	89	63	55	49	75	26	395		0.42	-
20	91	70	86	61	53	52	71	29	424		0.45	-
21	92	70	84	64	54	57	51	34	395		0.45	-
22	94	61	91	60	56	55	47	24	381		0.48	-
23	105	68	93	61	43	55	48	24	381		0.52	-
24	101	67	89	61	56	59	52	33	353		0.49	-
25	100	66	90	63	64	51	72	26	367		0.53	-
26	97	71	89	65	67	62	77	41	353		0.48	-
27	98	71	90	78	67	45	69	19	367		0.50	-
28	99	70	91	65	65	53	72	30	409		0.52	-
29	95	70	89	66	64	32	72	11	367		0.58	-
30	101	67	92	62	51	16	49	6	424		0.60	-
31	97	62	90	59	48	23	54	9	367		0.59	-
Tot:	91	63	86	60							13.81	0.00

HUB DAM SITE

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	98	63	91	57	56	50	61	28	381		0.57	-
2	96	65	89	60	59	61	59	44			0.52	-
3	94	72	89	65	67	46	69	23	438		0.50	-
4	95	68	90	66	65	47	72	23	409		0.52	-
5	96	70			61	43	57	19	409		0.48	-
6	95	69	94	64	64	54	68	35	452		0.49	-
7	96	70	98	66	68	62	73	45	424		0.52	-
8	93	67			67	44	77	20	395		0.49	-
9	99	66	94	65	60	15	63	5	438		0.53	-
10	99	63	89	72	51		47		438		0.54	-
11	101	65	94	71	54	-8	48	3	424		0.58	-
12	103	64	95	72	59	35	59	11	424		0.61	-
13	104	64	93	69	61	58	60	39	466		0.58	-
14	93	72	89	67	67	65	69	51	466		0.52	-
15	88	73	89	69	69	63	73	50	466		0.54	-
16	90	73	89	71	68	67	70	54	381		0.58	-
17	89	71	88	68	66	62	69	41	381		0.52	-
18	94	71	91	72	64	54	61	29	395		0.59	-
19	97	70			68	30	77	10	409		0.59	-
20	98	74			72	56	78	31	353		0.61	-
21	95	72			68	43	77	19	296		0.60	-
22	96	76			64	63	59	46	282		0.58	-
23	91	71			68	67	77	52	438		0.55	-
24	90	72			71	57	78	34	466		0.52	-
25	92	76			69	57	70	33	480		0.57	-
26	94	72			68	56	70	31	353		0.55	-
27	96	72			65		65		466		0.58	-
28	93	72			66	49	63	20	480		0.60	-
29	98	72			70	39	67	14	395		0.58	-
30	102	74			67	65	60	42	409		0.61	-
Tot:											16.61	0.00
Ave:	95	70										

HUB DAM SITE

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 A.M.	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	102	76			69		71		452		0.63	-
2	102	74			67	69	64	45	424		0.62	-
3	103	73			73	55	79	29	452		0.67	-
4	100	72			73	59	82	31	438		0.65	-
5	99	74			72	56	75	31	424		0.64	-
6	96	74			69	61	71	39	409		0.60	-
7	97	73			68	61	67	36	395		0.61	-
8	97	74			65	63	60	38	395		0.60	-
9	99	75			73	37	72	17	438		0.64	-
10	100	75			74	39	79	14	381		0.65	-
11	100	79			67	45	47	14	353		0.67	-
12	110	78			65	39	46	11	409		0.72	-
13	107	77			69	54	61	23	489		0.70	-
14	103	77			64	40	49	11	452		0.68	-
15	110	78			72	43	68	13			0.74	-
16	108	75			69	51	58	19	480		0.75	-
17	107	75			72	26	65	6	452		0.76	-
18	114	77			68	49	55	17	452		0.82	-
19	110	78			72	61	65	28	452		0.79	-
20	108	78			76	68	75	42	480		0.79	-
21	99	80			73	71	65	51	494		0.75	-
22	96	78			72	68	68	45	452		0.73	-
23	96	78			74	73	71	52	438		0.76	-
24	97	78			76	72	75	49	438		0.72	-
25	100	74			68	33	52	10	494		0.78	-
26	106	76			72	19	65	5	522		0.82	-
27	106	72			64	48	53	17	522		0.75	-
28	107	75			72	70	68	44	508		0.79	-
29	102	77			75	67	75	40	494		0.72	-
30	102	79			75	67	72	41	452		0.69	-
31	97	80			75	66	72	37	466		0.68	-
Tot:											21.92	0.00
Ave:	103	76										

HUB DAM SITE

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	100	79			73	70	68	47	438		0.65	-
2	100	80			74	64	68	33	409		0.66	-
3	102	79			73	73	65	42	424		0.64	-
4	104	81			76	74	72	52	409		0.62	-
5	98	81			76	71	72	45	466		0.59	-
6	101	81			75	73	72	48	438		0.61	-
7	101	82			76	72	72	47	466		0.57	-
8	102	80			76	75	75	50	438		0.54	-
9	101	81			77	72	72	45	452		0.58	-
10	102	81			76	73	72	48	438		0.52	-
11	103	82			77	73	72	50	409		0.50	-
12	99	80			75	76	69	58	395		0.57	-
13	102	81			76	74	72	52	424		0.62	-
14	99	80			77	70	76	47	452		0.60	-
15	98	81			76	73	72	52	438		0.59	-
16	96	79			74	74	68	57	409		0.60	-
17	94	83			74	75	76	60	381		0.58	-
18	94	83			77	77	79	67	353		0.65	-
19	95	82			78	75	69	60	395		0.60	-
20	95	82			75	73	69	52	409		0.58	-
21	96	82			75	74	72	55	381		0.54	-
22	97	82			76	75	72	57	353	213	0.58	-
23	98	80			76	68	62	38		186	0.62	-
24	102	80			73	70	69	41	424	149	0.60	-
25	103	84			75	69	66	34	409	49	0.62	-
26	106	84			76	84	65	69	381	122	0.55	-
27	100	83			75	74	65	46	353	170	0.58	-
28	102	84			77	74	69	52	296	115	0.55	-
29	105	73			75	72	72	47		126	0.55	0.66
30	100	84			79	73	76	44		129	0.30	-
Tot:											17.36	0.66
Ave:	100	81										

HUB DAM SITE

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation Inches	Rain Inches
1	104	88			76	71	63	45		94	0.39	-
2	105	78			76	77	75	69		290	0.45	-
3	94	78			78	78	79	69		212	0.44	0.26
4	94	77			79	77	80	69		281	0.41	-
5	95	78			77	78	79	73		246	0.42	-
6	95	79			75	79	72	70		210	0.43	-
7	94	84			79	79	83	91		213	0.40	-
8	96	77			81	74	87	52		137	0.21*	0.40
9	97	84			78	77	73	61		182	0.51	-
10	97	83			76	75	75	60		200	0.49	-
11	94	84			76	76	72	66		244	0.45	-
12	94	84			76	76	72	66		293	0.45	-
13	93	82			76	75	72	60		259	0.42	-
14	94	83			74	75	68	60		235	0.43	-
15	94	82			76	74	72	60		232	0.49	-
16	95	82			76	78	72	69		266	0.51	-
17	95	83			77	77	72	63		234	0.45	-
18	96	83			75	75	69	60	325	266	0.48	-
19	96	82			76	74	72	60	325	272	0.53	-
20	94	83			74	73	68	59	325	262	0.57	-
21	94	82			73	73	65	57	381	272	0.55	-
22	94	81			73	73	68	57	311	279	0.52	-
23	92	81			75	72	75	54	282	285	0.53	-
24	93	80			74	73	68	57	296	284	0.55	-
25	92	82			75	73	72	59	409	328	0.59	-
26	92	82			74	75	68	63	339	319	0.40	-
27	92	82			75		72		381	272	0.50	-
28	94	82			75	75	75	63	438	251	0.52	-
29	94	82			72	73	68	62	353	275	0.53	-
30	91	81			74	73	71	59	339	310	0.54	-
31	92	81			74	74	75	57	480	270	0.51	-
Tot:											14.67	0.66
Ave:	95	82										

* Estimated evaporation.

HUB DAM SITE

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	95	82			75	75	75	60	438	223	0.56	-
2	95	81			72	74	68	57	395	227	0.53	-
3	94	80			73	73	71	59	409	252	0.51	-
4	92	79			75	72	83	65	240	267	0.53	-
5	91	77			74	74	87	71	127	249	0.42	-
6	87	78			76	72	87	65	198	233	0.41	-
7	89	78			73	73	71	62	367	225	0.35	-
8	92	78			72	73	71	62	339	232	0.39	-
9	91	80			74	75	78	65	381	241	0.45	-
10	92	78			69	73	60	65	395	254	0.48	-
11	90	78			71	71	70	61	424	260	0.51	-
12	92	78			68	72	58	65	367	302	0.52	-
13	88	77			78	71	95	61	395	260	0.48	-
14	90	78			76	72	87	59	424		0.50	-
15	92	77			72	70	71	55	466	502+	0.48	-
16	94	77			69	72	60	65	480	260	0.54	-
17	88	77			71	71	74	58	438	295	0.52	-
18	89	76			72	71	78	54	452	256	0.50	-
19	98	78			73	71	75	51	395	191	0.48	-
20	98	77			64	69	55	55	395	209	0.51	-
21	92	77			70	73	74	65	424	257	0.48	-
22	92	78			64	74	59	68	452	234	0.47	-
23	92	76			72	71	74	56	424	241	0.49	-
24	96	80			73	73	75	57	381	226	0.48	-
25	98	79			74		75		409	213	0.52	-
26	101	78			73	72	75	47	367	198	0.48	-
27	102	77			74	56	78	28	367	186	0.52	-
28	103	75			71	62	74	34	409	173	0.54	-
29	100	73			72		74		466	208	0.51	-
30	99	74			69	62	70	37	395	221	0.49	-
31	102	74			71	65	82	38	409	156	0.52	-
Tot:											15.17	0.00
Ave:	94	78								233		

+ 2 days observation.

HUB DAM SITE

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	98	75			71	69	78	50	480	164	0.48	-
2	95	74			72	67	82	47	452	217	0.49	-
3	94	75			70	71	74	61	494	241	0.48	-
4	91	76			72	69	82	58	409	247	0.52	-
5	90	78			71	70	70	55	339	280	0.54	-
6	89	78			72	69	74	58	381	250	0.52	-
7	89	79			71	70	70	55	395	252	0.56	-
8	90	76			73	71	78	54	381	207	0.52	-
9	92	75			72	74	71	57	480	191	0.53	-
10	93	77			72	74	68	55	438	224	0.55	-
11	94	76			72	70	71	55	466	201	0.54	-
12	91	74			71	68	70	50	452	270	0.49	-
13	90	75			68	74	63	65	452	279	0.50	-
14	89	74			72	74	74	65	466	263	0.47	-
15	92	76			73	73	71	52	438	251	0.51	-
16	95	77			70	73	61	50	353	283	0.52	-
17	96	76			69	69	64	50	438	275	0.49	-
18	94	74			72	68	74	50	409	226	0.47	-
19	95	75			71	69	74	44	311	122	0.46	-
20	103	73			67	74	60	44	381	184	0.49	-
21	105	76			71	71	64	43	381	84	0.51	-
22	104	75			70	68	67	42	409	86	0.50	-
23	102	72			69	65	67	43	381	76	0.48	-
24	103	76			71	72	67	43	381	89	0.52	
25	104	74			68	72	63	59	424	185	0.50	-
26	99	72			68	70	66	53	466	168	0.46	-
27	97	74			69	69	67	55	409	169	0.48	-
28	96	73			68	66	66	47	409	93	0.49	-
29	92	73			67	69	63	55	409	198	0.47	-
30	89	72			67	69	66	50	409	178	0.45	-
Tot:											14.99	0.00
Ave:	95	75								198		

HUB DAM SITE

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	91	74			70	67	67	52	395	221	0.51	-
2	88	70			64	70	61	55	381	122	0.48	-
3	90	73			68	73	70	57	381	129	0.49	-
4	92	75			70	70	67	53	424	124	0.51	-
5	93	72			68	67	66	52	339	103	0.55	-
6	89	70			65	68	65	52	339	90	0.46	-
7	90	72			67	66	66	47	353	116	0.48	-
8	91	73			71	70	78	51	353	87	0.47	-
9	94	75			69	73	64	52	353	111	0.51	-
10	99	76			71	74	64	52	296	79	0.54	-
11	102	75			68	71	58	45	353	140	0.57	-
12	104	76			73	79	78	54	296	97	0.55	-
13	104	72			74	71	91	41	311	105	0.60	-
14	107	71			69	79	81	52	353	94	0.56	-
15	104	75			76	72	91	43	339	81	0.48	-
16	102	74			73	74	91	48	311	86	0.52	-
17	102	73			72	67	90	43	353	119	0.53	-
18	102	72			74	49	91	21	339	104	0.51	-
19	99	69			71	59	86	31	325	113	0.48	-
20	100	70			71	69	90	50	353	111	0.51	-
21	99	72			71	55	86	27	353	109	0.48	-
22	101	71			50	47	39	20	353	63	0.45	-
23	98	68			50	53	43	27		64	0.42	-
24	96	68			51	41	47	17		73	0.43	-
25	98	69			48	35	40	12		75	0.45	-
26	98	67			44	48	35	22		79	0.45	-
27	96	71			46	28	34	11		107	0.46	-
28	92	67			46	23	41	9		107	0.41	-
29	92	61			32	23	23	9		84	0.35	-
30	94	63			45	33	46	13	367	71	0.39	-
31	95	66			65	38	85	15	339	73	0.34	-
Tot:											14.94	0.00
Ave:	97	71								101		

HUB DAM SITE

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	96	65			65	40	89	16	282	62	0.41	-
2	96	65			63	35	80	12	325	70	0.38	-
3	97	65			42	15	36	5	282	74	0.32	-
4	98	64			52	22	53	7	296	70	0.35	-
5	98	65			39	38	34	15	296	62	0.39	-
6	98	63			48	41	50	17		59	0.41	-
7	98	65							240	65	0.35	-
8	99	64			43	35	39	14	268	75	0.37	-
9	97	62			40	48	37	22	282	82	0.40	-
10	98	64			58	40	70	16	254	91	0.38	-
11	97	62			63	37	89	16	226	72	0.35	-
12	94	61			63	44	89	20	296	55	0.42	-
13	95	61			51	58	62	39	282	56	0.46	-
14	93	64			67	60	90	42	282	84	0.40	-
15	93	68			68	64	85	48	254	83	0.41	-
16	93	64			65	57	89	38	240	70	0.42	-
17	93	62			58	61	78	36	226	71	0.38	-
18	93	63			59	61	74	44	226	68	0.35	-
19	95	62			47	56	47	36	226	80	0.36	-
20	94	63			57	42	69	22	240	62	0.35	-
21	92	65			65	48	80	27	254	60	0.34	-
22	89	65			53	33	56	16	268	62	0.35	-
23	87	62			47	39	49	23	254	82	0.39	-
24	85	58			44	41	51	25	268	64	0.38	-
25	83	56			44	37	55	23	268	68	0.32	-
26	82	55			42	34	50.	19	212	60	0.29	-
27	83	53			43	35	58	21	226	66	0.26	-
28	82	54			35	41	39	25	240	59	0.29	-
29	82	55			46	37	60	22	254	64	0.26	-
30	82	54			44	42	55	27	240	53	0.24	-
Tot:											10.78	0.00
Ave:	92	62								68		

HUB DAM SITE

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	82	58			44	36	51	20	282	91	0.35	-
2	84	56			37	38	43	21	240	74	0.34	-
3	88	55			40	41	48	24	282	56	0.31	-
4	82	55			42	34	50	19	311	101	0.29	-
5	83	54			35	36	42	20	282	56	0.34	-
6	83	54			38	51	47	33	254	48	0.28	-
7	86	56			48	59	70	53	268	55	0.24	-
8	83	57			57	35	78	21	226	74	0.22	-
9	82	54			35	37	45	24	282	74	0.28	-
10	78	51			30	30	39	21	311	57	0.30	-
11	75	50			37	34	50	24		67	0.25	-
12	74	49			38	35	55	23		94	0.31	-
13	78	50			40	37	56	22		85	0.28	-
14	83	54			32	41	40	25		39	0.25	-
15	85	54			41	36	49	20		54	0.24	-
16	82	59			49	39	58	23		53	0.23	-
17	84	61			55	51	73	52		128	0.30	-
18	72	56			51	51	76	56	284	119	0.15	0.05
19	70	56			50	49	76	40	254	109	0.22	-
20	78	53			48	49	75	36	254	57	0.20	-
21	80	55			54	42	88	27	254	58	0.21	-
22	82	55			53	48	82	38	254	81	0.22	-
23	80	59			56	46	78	34	184	67	0.25	-
24	80	63			59	54	74	43	212	88	0.22	-
25	80	60			55	50	77	39	212	182	0.35	-
26	81	61			50	48	62	40	141	67	0.27	-
27	79	58			56	39	82	30	254	59	0.29	-
28	76	47							353	46	0.25	-
29	70	43			13	1	26	7	325	77	0.22	-
30	70	42				1		6	296	68	0.23	-
31	74	44			1	43	15	37	311	68	0.23	-
Tot:											8.12	0.05
Ave:	79	54								76		

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JATOI JANUBI - 1972

Location Latitude 29°30', Longitude 70°51', situated in WAPDA Grid Station about 1½ miles from Jatoi Janubi towards Muzaffargarh Ali Pur road.

Elevation

Period of record Observatory established by Surface Water Hydrology Project WAPDA in January 1970.

Instruments

5" Non-recording rain gauge.
U.S. universal weighing type recording rain gauge.
Maximum and minimum air temperature thermometer.
Wet and dry bulb thermometers
U.S. Weather Bureau Standard Evaporation pan.
Anemometer.

Annual figures

Precipitation.	2.80 inches
Evaporation (Pan)	89.26 "
Absolute Maximum temperature	116°F
Absolute Minimum air temperature	30°F

Remarks

Annual figures are calculated by estimating the days for which record was missing or not observed.
Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown.
Blank space indicates no record.
(-) Indicates no precipitation..

JATOI JANUBI

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	75	43			44	50	92	58	16	0.11	-
2	73	40			42	46	92	43	16	0.12	-
3	74	35			35	47	82	47	20	0.13	-
4	73	36			39	45	91	49	7	0.12	-
5	70	36			38	48	91	50	21	0.11	-
6	73	35			34	47	82	49	9	0.10	-
7	70	34			35	45	90	52	20	0.09	-
8	72	34			37	41	83	41	20	0.10	-
9	71	39			38	41	83	43	32	0.12	-
10	71	34			32	41	81	41	32	0.11	-
11	73	33			33	43	90	41	27	0.11	-
12	72	35			34	46	82	53	10	0.10	-
13	71	37			41	47	77	57	7	0.10	-
14	72	41			38	44	83	45	46	0.12	-
15	69	37			37	44	83	42	26	0.11	-
16	74	40			39	49	84	61	13	0.10	-
17	72	43			48	45	80	46	13	0.11	-
18	73	43			44	49	92	51	14	0.12	-
19	75	44			43	50	78	58	28	0.13	-
20	74	48			46	51	74	59	15	0.11	-
21	70	48			46	52	85	63	57	0.12	-
22	70	39			40	58	91	94	28	0.10	-
23	65	40			40	52	84	63	44	0.14	-
24	70	40			42	45	92	49	10	0.12	-
25	72	42			41	44	77	48	5	0.11	-
26	67	40			42	44	92	45	26	0.12	-
27	69	39			43	45	92	46	17	0.13	-
28	72	40			43	45	85	49	16	0.14	-
29	70	44			42	48	78	65	41	0.12	-
30	68	48			46	52	79	81	108	0.14	-
31	60	50			50	51	87	81	82	0.13	0.04
Tot:										3.59	0.04
Ave:	71	40							27		

JATOI JANUBI

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	59	50			49	48	80	65	33	0.10	-
2	61	45			46	45	85	63	13	0.08	-
3	59	42			40	38	84	47	17	0.11	-
4	60	40			39	45	84	63	25	0.10	-
5	59	37			36	37	82	37	42	0.11	-
6	65	32			31	32	73	32	58	0.16	-
7	64	32			30	33	65	31	34	0.17	-
8	70	31			31	37	73	33	39	0.13	-
9	74	34			33	36	74	28	19	0.14	-
10	76	35			32	34	66	24	48	0.16	-
11	76	40			40	51	65	71	50	0.18	-
12	65	35			32	37	66	43	58	0.17	0.03
13	61	33			35	50	82	58	53	0.18	-
14	69	36			33	51	74	59	44	0.16	-
15	70	33			32	38	73	39	95	0.19	-
16	63	37			35	41	74	43	46	0.17	-
17	65	35			36	54	82	60	33	0.16	-
18	73	37			40	47	71	44	21	0.17	-
19	75	43			39	48	65	40	18	0.18	-
20	78	41			40	49	71	40	40	0.18	-
21	80	44			40	50	71	37	23	0.16	-
22	82	48			45	53	63	45	45	0.19	-
23	78	47			48	56	80	55	52	0.20	-
24	77	43			37	45	64	49	30	0.19	-
25	71	37			38	30	83	25	35	0.18	-
26	72	34			35	32	82	28	28	0.20	-
27	68	35			35	39	82	32	25	0.18	-
28	74	34			34	48	82	40	37	0.17	-
29	78	37			47	47	74	37	14	0.19	-
Tot:										4.66	0.18
Ave:	70	38							37		

JATGI JANUBI

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	R Relative Humidity Percent 8 A.M	5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	79	39			43	46	63	33	21	0.20	-
2	82	37			38	49	60	34	51	0.21	-
3	83	50			48	52	65	38	25	0.20	-
4	83	48			48	48	70	33	62	0.22	-
5	83	44			46	52	74	44	64	0.24	-
6	80	47			47	55	80	51	26	0.22	-
7	78	48			47	51	74	47	25	0.21	-
8	75	50			48	53	75	38	50	0.20	-
9	83	54			54	52	77	42	41	0.22	-
10	80	50			52	50	71	39	42	0.21	-
11	80	55			53	60	72	67	52	0.20	-
12	81	57			53	45	64	27	96	0.28	-
13	86	47			47	51	61	39	101	0.28	-
14	80	46			44	53	48	34	86	0.29	-
15	88	54			48	46	53	24	20	0.31	-
16	91	61			53	51	53	30	61	0.30	-
17	89	57			56	54	65	35	44	0.29	-
18	88	61			57	57	65	40	29	0.31	-
19	90	65			56	52	65	32	58	0.28	-
20	90	61			57	51	74	35	121	0.30	-
21	86	59			56	56	65	36	39	0.27	-
22	89	57			60	55	67	28	17	0.28	-
23	95	58			59	53	62	24	23	0.27	-
24	100	60			56	61	55	30	27	0.28	-
25	102	67			59	55	59	24	21	0.30	-
26	102	71			62	64	58	36	48	0.31	-
27	96	68			62	64	58	36	65	0.33	-
28	92	67			64	61	68	36	82	0.34	-
29	94	68			63	58	68	35	76	0.35	-
30	95	68			62	59	64	37	43	0.34	-
31	94	65			62	53	71	30	67	0.36	-
Tot:										8.40	0.00
Ave:	88	56							51		

JATOI JANUBI

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	60			53	47	53	23	17	0.33	-
2	96	56			53	42	60	22	40	0.32	-
3	91	57			58	45	70	19	36	0.33	-
4	97	66			60	44	70	20	48	0.35	-
5	94	62			59	53	74	31	9	0.34	-
6	91	59			59	48	66	22	26	0.33	-
7	95	65			57	48	55	22	31	0.34	-
8	96	67			53	51	45	30	69	0.35	-
9	90	60			54	43	51	21	82	0.34	-
10	90	58			54	46	54	21	36	0.36	-
11	95	62			58	41	56	15	26	0.37	-
12	97	60			49	37	36	12	22	0.35	-
13	103	58			50	46	37	15	58	0.38	-
14	105	62			56	49	44	17	24	0.40	-
15	104	72			63	55	53	24	40	0.37	-
16	100	73			63	57	58	30	78	0.38	-
17	95	68			67	64	85	89	38	0.19	0.29
18	80	57			65	59	89	46	38	0.07	0.22
19	87	64			63	62	75	41	40	0.25	-
20	90	65			59	47	57	20	24	0.28	-
21	96	70			53	53	45	31	54	.30	-
22	90	71			60	60	54	63	41	0.29	-
23	84	61			61	61	57	39	33	0.30*	-
24	92	64			64	59	59	31	31	0.31	-
25	97	67			65	58	56	26	13	0.33	-
26	101	71			69	60	60	29	28	0.35	-
27	101	72			66	57	56	25	38	0.36	-
28	102	72			65	59	60	26	97	0.37	-
29	103	71			66	60	56	26	23	0.38	-
30	104	71			65	58	53	24	41	0.36	-
Tot:									39	9.78	0.51
Ave:	95	65									

* Estimated evaporation

JATOI JANUBI

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evapo-Evaporation Inches	Rain Inches
1	104	72			67	59	56	26	54	0.37	-
2	102	71			67	56	60	23	55	0.38	-
3	102	70			66	58	56	24	70	0.37	-
4	103	67			65	55	56	22	64	0.35	-
5	104	67			64	62	59	34	80	0.36	-
6	98	72			64	54	61	26	98	0.37	-
7	100	56			58	62	56	34	97	0.35	0.05
8	102	66			61	61	47	28	22	0.33	-
9	103	72			67	59	54	25	24	0.34	-
10	104	70			65	56	51	22	43	0.35	-
11	104	69			63	45	50	12	23	0.34	-
12	110	69			61	44	44	13	24	0.36	-
13	111	77			70	63	55	28	72	0.38	-
14	105	78			71	64	67	36	73	0.40	-
15	100	75			62	54	45	20	57	0.39	-
16	106	77			65	55	46	20	33	0.41	-
17	105	75			68	55	58	19	61	0.40	-
18	110	75			69	61	50	20	25	0.42	-
19	111	73			65	52	44	15	13	0.41	-
20	114	71			63	45	41	10	51	0.43	-
21	116	73			61	50	35	13	47	0.45	-
22	115	82			71	63	58	24	132	0.52	-
23	108	81			71	53	54	17	28	0.48	-
24	108	69			64	43	48	13	46	0.46	-
25	106	67			59	49	37	17	68	0.45	-
26	105	62			57	55	37	20	21	0.47	-
27	106	65			58	53	35	18	25	0.45	-
28	105	67			57	47	40	15	35	0.45	-
29	106	65			59	44	44	13	40	0.46	-
30	109	71			63	51	39	15	17	0.47	-
31	110	82			74	58	60	19	57	0.44	-
Tot:										12.61	0.05
Ave:	106	71							50		

JATOI JANUBI

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	112	82			74	61	52	22	84	0.48	-
2	111	84			74	65	52	26	80	0.50	-
3	109	82			75	68	57	29	138	0.54	-
4	109	78			70	64	61	36	83	0.52	-
5	101	69			69	57	58	27	59	0.60	0.45
6	100	55			53	56	38	23	60	0.44	-
7	104	74			70	62	67	27	27	0.45	-
8	106	80			75	70	69	36	42	0.42	-
9	104	77			70	71	61	35	16	0.43	-
10	108	77			73	61	57	22	16	0.45	-
11	111	77			73	61	62	20	47	0.44	-
12	112	85			74	74	57	35	115	0.46	-
13	110	86			74	67	55	26	69	0.45	-
14	111	86			75	66	57	25	27	0.47	-
15	110	87			73	64	59	22	78	0.48	-
16	113	83			77	67	69	26	120	0.49	-
17	111	83			78	71	69	28	102	0.50	-
18	112	81			77	65	72	22	164	0.51	-
19	115	83			73	77	62	42	131	0.50	-
20	110	85			78	73	73	36	63	0.52	-
21	107	85			77	65	67	24	71	0.47	-
22	111	87			74	56	55	17	112	0.48	-
23	111	87			73	68	50	27	120	0.53	-
24	110	90			76	68	53	29	155	0.55	-
25	109	90			75	66	53	25	184	0.54	-
26	110	87			78	71	59	34	128	0.52	-
27	109	85			74	72	60	37	64	0.50	-
28	105	87			77	77	58	91	51	0.46	-
29	104	76			81	75	77	41	45	0.37	0.52
30	104	83			79	74	70	39	31	0.35	-
Tot:										14.42	0.97
Ave:	108	82							83		

JATOI JANUBI

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	82			77	72	63	35	50	0.39	-
2	107	80			77	72	67	37	45	0.42	-
3	107	78			76	68	63	31	49	0.40	-
4	108	79			73	67	62	32	138	0.41	-
5	106	77			72	67	62	34	105	0.42	-
6	102	75			70	77	67	69	92	0.33*	0.31
7	100	74			67	66	57	37	47	0.29*	0.29
8	101	76			70	63	61	30	76	0.32	-
9	101	75			70	73	61	44	50	0.35	-
10	100	83			79	74	70	44	50	0.36	-
11	102	84			80	78	74	49	56	0.32	-
12	103	81			75	78	72	56	87	0.35	-
13	99	83			81	77	77	45	40	0.33	-
14	104	85			76	72	66	37	58	0.32	-
15	105	85			80	76	80	47	104	0.35	-
16	104	81			77	72	69	40	75	0.34	-
17	105	82			79	74	73	44	169	0.36	-
18	102	83			80	76	76	45	120	0.35	-
19	102	82			79	79	76	54	80	0.37	-
20	101	83			80	76	80	47	73	0.35	-
21	102	83			80	76	76	47	62	0.34	-
22	101	82			77	74	76	42	132	0.36	-
23	102	82			77	76	72	45	148	0.40	-
24	103	82			77	74	76	44	154	0.42	-
25	102	81			77	74	76	42	143	0.44	-
26	104	81			76	72	75	40	139	0.45	-
27	103	82			76	71	75	41	77	0.43	-
28	101	81			77	73	76	40	95	0.41	-
29	105	81			75	71	75	39	150	0.44	-
30	102	80			75	72	75	43	185	0.46	-
31	100	80			74	68	71	38	49	0.45	-
Tot:										11.73	0.60
Ave:	103	81							93		

* Estimated evaporation.

JATOI JANUBI

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	101	80			75	71	72	41	51	0.44	-
2	102	81			74	69	68	37	113	0.45	-
3	102	80			76	71	72	39	111	0.46	-
4	103	82			75	69	72	39	90	0.45	-
5	102	80			74	70	71	41	169	0.47	-
6	102	78			72	68	68	38	125	0.45	-
7	101	78			71	72	64	43	170	0.46	-
8	101	80			75	69	75	39	78	0.45	-
9	101	79			75	71	75	39	58	0.44	-
10	103	81			76	72	72	40	24	0.42	-
11	103	83			77	72	76	40	15	0.40	-
12	102	82			75	71	75	39	61	0.41	-
13	102	81			77	72	76	40	24	0.39	-
14	103	82			81	73	80	50	21	0.40	-
15	99	80			74	73	71	50	36	0.38	-
16	98	81			76	74	75	42	32	0.36	-
17	103	83			79	70	76	38	20	0.34	-
18	105	78			72	75	68	49	63	0.33	-
19	100	79			76	72	72	45	37	0.34	-
20	98	79			75	72	72	47	46	0.32	-
21	99	75			76	70	75	44	48	0.30	-
22	98	77			74	73	71	48	33	0.28	-
23	101	82			79	73	80	40	26	0.29	-
24	103	80			75	71	72	41	39	0.30	-
25	102	78			74	76	71	51	39	0.28	-
26	101	78			75	75	72	46	29	0.29	-
27	102	74			69	62	67	26	16	0.28	-
28	102	73			68	56	63	22	13	0.26	-
29	104	78			77	65	76	41	19	0.25	-
30	101	79			75	71	63	39	27	0.28	-
31	102	78			75	71	65	39	21	0.27	-
Tot:										11.24	0.00
Ave:	101	79							53		

JATOI JANUBI

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	103	79			76	72	66	40	18	0.26	-
2	103	78			77	74	69	44	17	0.27	-
3	103	78			72	68	74	36	50	0.29	-
4	102	76			71	68	74	38	132	0.32	-
5	100	76			72	67	74	38	86	0.34	-
6	100	76			71	69	74	42	80	0.33	-
7	99	77			72	67	74	38	80	0.32	-
8	100	77			72	66	71	37	105	0.33	-
9	100	79			71	67	67	38	93	0.35	-
10	98	77			72	67	71	40	78	0.32	-
11	100	73			68	64	66	32	48	0.31	-
12	104	76			69	65	60	32	9	0.32	-
13	103	76			71	66	61	31	21	0.30	-
14	106	80			76	70	69	38	30	0.31	-
15	103	78			71	68	61	38	38	0.33	-
16	101	80			72	69	65	40	27	0.30	-
17	100	80			75	73	72	50	33	0.28	-
18	100	79			75	75	75	57	38	0.25	-
19	99	72			67	67	73	54	54	0.24	-
20	87	69			65	51	69	27	41	0.22	-
21	94	56			56	49	55	24	16	0.21	-
22	93	60			58	47	56	20	20	0.20	-
23	95	60			57	45	55	19	21	0.21	-
24	96	60			54	43	54	16	23	0.22	-
25	100	60			54	60	51	29	12	0.24	-
26	103	63			60	54	54	19	33	0.26	-
27	103	65			60	54	54	26	33	0.26	-
28	99	65			62	54	58	26	62	0.30	-
29	98	61			58	59	50	30	66	0.32	-
30	100	62			59	60	57	31	29	0.30	-
Tot:										8.50	0.00
Ave:	100	72							46		

JATOI JANUBI

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	101	63			61	58	57	26	13	0.27	-
2	103	64			58	59	50	27	17	0.25	-
3	105	65			59	55	53	28	18	0.22	-
4	95	66			61	57	54	30	40	0.20	-
5	95	67			62	60	58	34	24	0.21	-
6	100	66			59	61	53	32	18	0.20	-
7	98	69			65	60	65	31	35	0.22	-
8	100	60			58	61	59	39	8	0.20	-
9	95	60			54	63	54	39	23	0.19	-
10	98	58			63	63	72	36	10	0.20	-
11	99	61			57	63	55	41	15	0.18	-
12	101	63			60	60	60	34	15	0.17	-
13	101	63			58	61	56	39	38	0.18	-
14	97	60			57	58	55	32	14	0.20	-
15	99	59			62	62	71	37	22	0.20	-
16	100	59			60	63	60	41	7	0.18	-
17	96	60			59	58	66	35	15	0.15	-
18	97	61			57	60	55	46	20	0.16	-
19	88	59			57	59	65	46	39	0.19	-
20	86	61			59	57	66	38	34	0.21	-
21	92	65			54	58	54	48	34	0.22	-
22	86	55			49	57	54	47	59	0.20	-
23	85	54			55	60	64	48	17	0.18	-
24	87	54			57	56	69	46	5	0.17	-
25	87	52			57	54	69	37	11	0.13	-
26	88	54			55	49	64	34	12	0.15	-
27	86	54			55	55	64	39	21	0.16	-
28	88	58			55	55	63	41	12	0.13	-
29	91	52			49	57	54	42	14	0.18	-
30	89	53			52	55	63	41	26	0.19	-
31	90	50			53	55	72	41	17	0.21	-
Tot:										5.90	0.00
Ave:	94	60							21		

JATOI JANUBI

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	90	51			54	57	68	42	15	0.18	-
2	90	52			55	58	64	43	10	0.19	-
3	92	52			53	58	64	45	12	0.18	-
4	87	52			52	57	63	38	20	0.17	-
5	91	50			47	51	49	30	11	0.19	-
6	91	49			46	50	56	28	19	0.20	-
7	91	48			41	54	46	32	22	0.21	-
8	90	49			45	52	52	29	10	0.20	-
9	91	48			41	50	46	28	14	0.22	-
10	90	48			44	51	48	30	11	0.21	-
11	91	51			46	48	53	28	14	0.18	-
12	87	52			45	58	52	43	15	0.17	-
13	86	53			46	53	56	34	17	0.15	-
14	88	53			45	52	52	32	17	0.16	-
15	87	53			46	52	56	36	13	0.15	-
16	85	55			50	58	62	48	17	0.14	-
17	87	56			46	55	53	43	11	0.16	-
18	86	55			53	57	68	47	19	0.17	-
19	87	54			47	58	57	48	14	0.15	-
20	83	52			56	58	82	50	16	0.14	-
21	86	56			55	56	73	55	8	0.15	-
22	80	57			58	57	83	55	51	0.12	-
23	78	56			56	53	82	53	43	0.13	-
24	77	53			53	50	76	48	45	0.16	-
25	75	48			51	51	81	52	32	0.15	-
26	74	47			49	53	80	56	23	0.14	-
27	74	46			48	55	80	58	19	0.15	-
28	77	47			48	53	86	53	8	0.13	-
29	80	46			51	53	87	47	9	0.14	-
30	80	45			48	50	86	43	23	0.12	-
Tot:										4.91	0.00
Ave:	85	51							19		

JATOI JANUBI

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	81	46			49	54	86	48	8	0.13	-
2	82	47			48	53	80	45	10	0.14	-
3	82	45			46	50	79	46	11	0.15	-
4	80	44			46	54	85	51	4	0.13	-
5	80	47			49	53	93	47	5	0.11	-
6	81	46			48	54	93	48	5	0.10	-
7	81	47			49	54	75	57	3	0.10	-
8	80	56			53	54	76	60	35	0.12	-
9	73	53			53	54	93	73	74	0.07*	0.40
10	67	45			48	51	93	62	31	0.12	-
11	68	43			44	54	85	68	16	0.10	-
12	75	41			46	51	92	56	6	0.11	-
13	78	44			48	49	86	54	6	0.10	-
14	76	40			40	54	84	60	34	0.12	-
15	77	43			49	53	80	64	6	0.11	-
16	73	46			48	56	86	82	13	0.12	-
17	69	50			51	51	81	81	76	0.13	-
18	60	52			50	55	87	64	15	0.11	0.03
19	70	45			50	55	87	64	15	0.10	-
20	71	45			50	56	93	65	20	0.11	-
21	76	46			50	55	93	64	3	0.09	-
22	77	44			47	57	93	74	18	0.10	-
23	75	47			50	53	87	72	33	0.11	-
24	69	50			50	53	87	72	55	0.12	0.02
25	67	49			50	54	87	77	58	0.13	-
26	66	46			45	55	92	82	44	0.11	-
27	66	46			48	53	86	76	21	0.12	-
28	65	44			40	47	77	61	41	0.13	-
29	66	33			33	44	74	55	15	0.11	-
30	65	32			33	41	81	46	15	0.10	-
31	70	30			30	49	80	51	20	0.12	-
Tot:										3.52	0.45
Ave:	73	45							23		

* Estimated evaporation.

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KACH - 1972

Location	Latitude 30°26', Longitude 67°18', near P.W.D. Rest House at Kach.
Elevation	
Period of record	Observatory established by Surface Water Hydrology Project in December 1969. Site closed on 8.11.1971 and restarted on 5.11.72.
Instruments	5" Non-recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan.
Annual figures	Data incomplete.
Remarks	Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

KACH

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1											
2											
3											
4											
5											
6	73	38			38		59			0.45	-
7	73	37			32		42			0.39	-
8	73	36								0.32	-
9	73	38			16		23			0.30	-
10	73	38								0.36	-
11	69	38			3	7	10	6		0.30	-
12	68	38			19	18	23	14		0.25	-
13	65	39			18	27	17	24		0.28	-
14	63	40			21	4	22	5		0.27	-
15	65	39			34	20	43	14		0.26	-
16	72	34			25	34	31	29		0.20	-
17	71	33			28	20	38	13		0.22	-
18	73	32			37		53			0.22	-
19	63	36			53	27	93	24		0.23	-
20	62	36			37	25	36	24		0.22	-
21	66	34			34	25	43	19		0.22	0.12
22	60	32			25		40			0.24	0.15
23	61	30			11		27			0.23	-
24	62	31			15		31			0.22	-
25	65	29			13	11	29	8		0.24	-
26	49	25			12	1	33	8		0.20	-
27	54	26			14	13	34	15		0.12	-
28	59	28			13	13	26	15		0.15	-
29	57	30								0.25	-
30	58	31			13	9	18	9		0.20	-
Tot:											
Ave											

KACH

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	65	32			13		26			0.22	-
2	68	31			20		45	2		0 25	-
3	63	30			15		31			0.24	-
4	63	36			11		27			0.23	-
5	68	28			15		31			0.20	-
6	67	30			11		27			0.22	-
7	57	38			14	3	24	10		0.20	0.02
8	50	33			20	21	50	51		0.01	0.18
9	38	25			21	15	65	60		0.10	-
10	28	19			12	15	57	60		0.08	-
11	27	20			6	7	34	21		0.07	-
12	41	25			4	28	22	42		0.10	-
13	50	29			23	2	52	7		0.12	-
14	58	32			28	12	70	12		0.20	-
15	62	31			19	16	39	17		0.20	-
16	63	36			27	27	46	56		0.14	-
17	53	32			27	30	63	64		0.20	1.00
18	42	37			33	27	73	51		0.20	0.10
19	44	30			27	23	56	34		0.12	-
20	50	29			22	25	42	45		0.10	-
21	46	31			30	20	64	36		0.08	0.11
22	44	26			16	32	36	66		0.07	-
23	45	29			25	31	55	59		0.12	-
24	45	32			20	27	50	70		0.10	-
25	38	23			25	20	88	45		0.08	-
26	41	20			11	8	47			0.10	0.10
27	25	10			8	14		51		0.06	-
28	30	8			12	19		57		0.05	-
29	34	13			14	20	43	50		0.08	-
30	38	18			23	20	67	50		0.07	-
31	37	19			9	23		47		0.10	-
Tot:										4.11	1.51
AveL	48	27									

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KACHURA - 1972

Location	Latitude 35°27', Longitude, 75°25', about 100 yards upstream of the stream gauging station, Indus (Kachura).
Elevation	
Period of record	Observatory established by Surface Water Hydrology Project WAPDA in May, 1970.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau standard Evaporation pan. Anemometer.
Annual Figures	Precipitation 11.49 inches Evaporation (Pan) incomplete Absolute Maximum air temperature 100°F Absolute Minimum air temperature 12°F
Remarks	Observations of precipitation, pan evaporation, maximum and minimum temperatures, and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

KACHURA

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	40	25				28		73	40		-
2	46	19				17		41	75		-
3	46	18				19		43	34		-
4	45	18				16		40	60		-
5	46	16				23		55	49		-
6	44	14				22		49	36		-
7	43	13							35		-
8	42	21							29		-
9	38	25			32	24	100	56	64		-
10	45	22				20		53	15		-
11	46	20			31	20	100	48	36		-
12	48	21			25	24	100	78	42		-
13	44	20				36		100	16		-
14	39	24			24	16	70	40	26		0.09
15	39	19			27	20	100	53	21		-
16	41	20			29	14	100	39	15		-
17	44	16				17		41	26		-
18	49	15				26		64	18		-
19	45	15				33		82	19		-
20	43	16				25		57	22		-
21	46	14			36	27	100	65	31		-
22	44	16				31		74	81		-
23	46	23							70		-
24	46	21				25		71	32		-
25	34	14			29	9	73	27	30		0.0.
26	40	17				34		82	59		-
27	46	14			36	34	100	75	96		-
28	45	15				24		56	82		-
29	42	15			31	18	81	38	114		-
30	45	16			27	-4	72	15	136		-
31	41	18			36		100		107		-
Tot:											0.12
Ave:	43	18							49		

KACHURA

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1						30		74	61		
2	39	12				9		30	69		-
3	38	12				24		56	62		-
4	38	14			28	7	89	25	52		-
5	41	13			30	21	100	54	58		-
6	43	16			29	23	80	55	39		-
7	42	18				5		24	75		-
8	41	17			25	21	100	54	65		-
9	42	17			26	26	89	79	60		-
10	40	14							70		-
11	37	13			29		100		60		-
12	37	13				23		69	30		0.10
13	36	15							43		0.02
14	36	14				21		60	76		-
15	35	13			28	20	89	53	102		-
16	36	14				14		39	81		-
17	37	15				9		30	73		-
18						19		59	64		-
19	35	15				21		67	65		-
20	37	17				15		35	69		-
21	41	18				31		67	56		-
22	41	18			30	35	100	83	54		-
23	43	19				29		60	60		-
24	43	20			39	30	100	56	76		-
25	46	21			37	7	91	19	67		-
26	50	22			31		81		83		-
27	53	19			35			3	87		-
28	50	18						5	38		-
29	51	21			37		91		102		-
Tot:											0.12
Ave:									65		

KACHURA

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	52	24			30		74	3	59		-
2	51	23			33	10	63	21	51		-
3	53	25			38	18	71	28	64		-
4	55	26			36	26	76	41	62		-
5	49	23			33	31	75	52	81		-
6	50	24			29	35	66	59	82		-
7	51	23			36	41	76	79	84		-
8	52	24			27	39	72	78	68		0.05
9	48	21			33	34	75	58	74		-
10	53	23			32	34	68	54	57		-
11	55	30			36	41	83	79	53		-
12	54	28			31	37	61	65	85		-
13	50	36			33	37	63	56		0.17	0.09
14	58	30	62	37	29	32	60	45	158+	0.20	-
15	55	34	60	36	24	19	39	25	48	0.18	-
16			50	38	22	31	35	44	63	0.09	0.02
17	58	37	56	38	36	37	76	52	129	0.22	-
18	60	34	67	38	33	41	63	58	78	0.26	-
19	59	39	64	37	37	37	84	77	54	0.24	0.02
20	44	36	46	39	35	44	83	80	35	0.15*	0.35
21	50	28	62	39	37	37	84	65	91	0.19	-
22	56	36	60	38	38	35	77	47	76	0.21	-
23	62	35	68	38	36	32	64	36	62	0.23	-
24	61	36	67	39	36	37	70	45	64	0.22	-
25	62	41	66	40	35	41	59	63	52	0.16	-
26	58	40	54	41	40	38	84	77	50	0.07	0.08
27	45	33	43	35	28	37	73	71	47	0.05*	1.86
28	53	34	49	37	39	42	72	73	43	0.14	-
29	56	37	60	40	39	36	100	91	105	0.20	0.60
30	40	32	50	35	33	40	90	84	66	0.20	0.76
31	44	32	60	33	39	43	100	74	64	0.10	-
Tot:											4.43
Ave:									68		

* Estimated evaporation.

\+ 2 days observation.

KACHURA

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	53	37	75	40	36	43	70	64	69	0.20	-
2	56	41	69	42	38	44	71	74	58	0.26	-
3	54	42	62	41	38	41	71	67	54	0.23	-
4	54	44	59	44	37	44	71	80	39	0.13	-
5	50	39	58	40	36	41	70	73	27	0.85	0.15
6	58	41	60	40	34	44	63	64	96	0.15	-
7	61	42	72	41	37	37	60	48	62	0.25	-
8	64	43	70	42	33	34	53	50	81	0.28	-
9	56	41	58	41	36	32	70	39	74	0.15	-
10	59	42	66	41	17	15	23	16	58	0.20	-
11	65	43	72	41	23	23	33	23	67	0.29	-
12	66	42	75	41	23	20	30	19	56	0.34	-
13	66	41	80	41	22	18	31	17	59	0.30	-
14	67	42	73	42	27	11	38	13	59	0.35	-
15	74	52	73	44	34	9	50	15	66	0.33	-
16	62	46	58	45	42	44	85	92	59	0.12	0.14
17	65	45	53	43	34	9	54	13	84	0.01	0.13
18	60	45	64	43	32	37	57	56	59	0.20	-
19	55	44	59	43	33	9	53	13	53	0.17	-
20	63	44	65	40	33	30	53	56	85	0.27	-
21	55	36	56	38	30	15	51	18	82	0.18	-
22	63	39	70	38	12	23	20	23	66	0.29	-
23	63	40	71	39	19	11	27	13	76	0.33	-
24	66	42	72	40	10	11	17	11	74	0.86	-
25	68	42	73	41	23	21	33	22	71	0.32	-
26	69	45	75	42	16	18	19	14	66	0.35	-
27	73	46	77	44	12	18	15	17	71	0.39	-
28	72	47	70	46	34	27	46	26	72	0.31	-
29	74	32	78	49	12	23	17	22	76	0.36	-
30	68	31	70	42	18		19	2	103	0.40	-
Tot:										7.57	0.42
Ave:	62	43	68	42					67		

KACHURA

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	70	49	73	46	9	18	12	17	79	0.35	-
2	67	48	72	43	29	20	36	19	63	0.29	-
3	65	44	68	42	12	20	15	17	53	0.24	-
4	70	48	75	46	29	23	29	17	66	0.27	-
5	77	49	79	47	20	29	21	27	56	0.25	-
6	75	45	76	46	32	11	34	11	78	0.35	-
7	76	52	74	48	34	25	40	22	96	0.37	-
8	69	47	70	46	31	8	35	8	70	0.30	-
9	73	50	75	48	29	31	29	31	68	0.38	-
10	74	49	75	47	27	21	28	15	72	0.34	-
11	78	54	77	49	20	13	17	8	61	0.33	-
12	81	51	81	49	15	12	11	9	52	0.36	-
13	82	53	83	49	23	29	19	24	69	0.31	-
14	73	50	69	50	32	42	39	55	74	0.32	-
15	60	48	58	47	43	27	64	21	46	0.25	0.05
16	75	52	74	49	34	24	33	15	86	0.35	-
17	79	52	78	48	23	8	19	7	78	0.38	-
18	80	53	81	48	15	4	13	6	56	0.34	-
19	80	52	80	49	11	5	11	5	52	0.37	-
20	83	52	82	49	11	13	11	8	52	0.41	-
21	82	52	82	50	31	12	27	9	69	0.49	-
22	79	50	78	50	42	45	68	69	111	0.49	0.43
23	55	44	55	45	36	35	70	83	73	0.08*	1.70
24	45	37	44	38	35	23	69	27	62	0.09*	1.22
25	61	44	62	41	39	44	62	69	71	0.23	0.14
26	57	41	56	40	39	44	84	74	112	0.11*	1.80
27	56	42	57	41	13	12	19	15	50	0.16	0.13
28	64	43	67	42	28	29	45	34	97	0.25	-
29	64	47	74	43	37	23	52	18	53	0.26	-
30	69	46	76	46	39	33	53	26	44	0.28	-
31	72	48	80	47	35	28	38	19	52	0.33	-
Tot:										9.33	5.47
Ave:	71	48	72	46					68		

* Estimated evaporation.

KACHURA

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	49	75	50	33	31	30	19	54	0.37	-
2	78	50	79	49	31	30	25	20	56	0.26	-
3	79	53	78	47	46	38	57	31	90	0.35	-
4	74	51	73	52	45	44	57	49	68	0.28	-
5	75	54	72	53	37	42	45	52	74	0.32	0.01
6	64	46	66	45	38	23	53	18	167	0.37	0.08
7	71	47	69	46	23	30	22	21	85	0.35	-
8	75	49	74	47	20	8	18	7	44	0.33	-
9	78	50	80	48	23	10	18	7	72	0.39	-
10	83	53	81	52	37	1	35	4	45	0.48	-
11	84	52	83	52	27	6	21	5	43	0.48	-
12	85	54	81	54	27	7	20	5	36	0.34	-
13	84	58	82	54	32	30	23	16	115	0.49	-
14	82	56	81	53	30	34	20	23	100	0.56	-
15	82	60	79	55	33	28	25	14	93	0.50	-
16	86	57	83	55	37	26	28	13	32	0.42	-
17	85	57	83	54	35	21	26	10	47	0.37	-
18	88	58	84	57	30	29	20	17	36	0.44	-
19	84	54	82	54	40	27	39	16	67	0.35	0.02
20	82	54	82	53	33	14	26	8	49	0.45	-
21	84	55	83	52	23	6	16	5	48	0.44	-
22	84	55	80	53	28	25	19	14	47	0.38	-
23	83	53	81	52	27	24	21	15	90	0.45	-
24	81	54	80	51	36	25	30	14	50	0.39	-
25	83	54	79	54	16	19	10	9	46	0.35	-
26	85	57	83	54	32	21	21	10	46	0.41	-
27	84	58	83	56	37	28	22	12	55	0.45	-
28	93	60	81	57	47	36	43	19	68	0.40	-
29	86	61	78	58	48	35	52	21	74	0.38	-
30	83	57	83	57	49	24	53	15	48	0.30	-
Tot:										11.77	0.11
Ave:	81	54	79	52					65		

KACHURA

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	85	55	83	54	41	28	34	11	107	0.47	-
2	86	55	83	54	36	14	22	5	76	0.46	-
3	89	57	85	54	38	19	26	5	42	0.44	-
4	87	56	83	56	32	48	19	27	117	0.56	-
5	74	54	69	53	45	41	59	26	90	0.36	0.02
6	75	54	73	54	42	36	53	29	72	0.34	0.02
7	68	56	67	53	31	26	21	13	122	0.29	-
8	78	57	76	57	36	34	31	19	51	0.31	-
9	77	59	73	57	45	49	45	47	38	0.27	-
10	75	57	70	60	48	29	49	14	42	0.25	0.06
11	76	58	74	59	51	41	55	30	45	0.18	-
12	76	55	71	56	51	48	81	61	51	0.34	0.14
13	63	48	63	50	51	45	71	31	13	0.05*	0.01
14	78	54	74	53	47	39	46	17	35	0.14	-
15	86	58	86	55	37	40	23	16	39	0.32	-
16	90	60	87	59	40	43	27	19	24	0.30	-
17	95	61	89	60	41	30	25	10	28	0.33	-
18	91	60	87	60	45	21	39	7	63	0.36	-
19	84	60	78	59	41	28	25	15	109	0.42	-
20	81	58	76	58	35	35	24	18	93	0.38	-
21	83	54	80	52	41	29	30	11	94	0.40	-
22	86	56	82	55	37	23	24	7	36	0.39	-
23	90	60	85	60	37	20	24	5	58	0.42	-
24	88	60	84	59	44	30	34	13	42	0.43	-
25	89	62	85	58	44	32	32	14	86	0.48	-
26	87	64	81	60	36	31	21	15	85	0.50	-
27	84	56	79	58	43	13	38	3	89	0.46	-
28	88	56	84	56	44	23	36	6	47	0.49	-
29	89	64	86	58	23	35	7	18	28	0.46	-
30	88	62	83	58	44	42	47	28	107	0.49	-
31	74	58	68	55	43	40	38	27	90	0.41	-
Tot:										11.50	0.25
Ave:	83	58	79	56					65		

* Estimated evaporation.

KACHURA

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	81	56	76	54	53	46	72	28	51	0.48	-
2	83	54	79	53	40	46	27	24	43	0.39	-
3	89	58	83	56	44	28	34	6	37	0.30	-
4	96	63	89	60	43	38	30	13	57	0.53	-
5	100	63	91	61	38	39	22	14	40	0.56	-
6	98	65	89	62	45	53	29	44	54	0.58	-
7	87	59	81	60	57	43	69	21	64	0.26	0.04
8	85	65	80	62	55	52	61	49	49	0.30	-
9	78	60	73	58	53	47	56	38		0.34	-
10	81	62	78	60	50	41	45	25		0.37	-
11	80	56	76	53	49	31	53	12		0.40	-
12	85	55	83	56	43	33	41	13		0.38	-
13	87	63	84	56	47	39	43	21		0.48	-
14	86	61	81	60	47	38	53	18	11	0.26	-
15	82	64	76	54	39	45	25	23	34	0.30	-
16	87	61	83	57	40	40	27	22	45	0.35	-
17	87	66	80	60	41	43	30	25	24	0.40	-
18	80	58	72	57	46	45	42	26	28	0.45	-
19	85	61	81	58	49	34	53	16	7	0.48	-
20	84	64	76	60	47	51	46	48	26	0.31	0.01
21	75	59	72	57	53	40	63	29	14	0.22	-
22	78	59	75	57	46	28	49	11	11	0.28	-
23	85	57	81	57	46		42			0.33	0.01
24	87	61	82	59	44	46	41	49		0.37	-
25	74	58	67	56	48	46	57	48		0.33	-
26	70	59	68	57	46	47	49	38		0.25	-
27	74	58	73	57	53	49	67	47		0.21	-
28	81	61	79	60	50	41	51	30		0.29	-
29	79	60	74	60	55	45	73	37		0.16	0.02
30	83	64	78	62	53	48	53	39	24	0.27	-
31	85	68	83	59	57	47	73	38	34	0.25	0.02
Tot:										10.88	0.10
Ave:	84	60	79	58							

KACHURA

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	75	62	74	57	48	46	49	40	48	0.22	0.02
2	80	55	78	58	53	37	63	19	17	0.29	-
3	90	55	86	53	46	29	49	10	37	0.37	-
4	91	56	84	54	36	21	27	7	23	0.40	-
5	90	55	84	53	40	11	36	3	26	0.44	-
6	87	54	82	52	40	31	38	12	33	0.41	-
7	88	58	81	54	44	33	44	13	29	0.38	-
8	89	46	84	44	36	14	39	5		0.45	-
9	88	57	81	55	43	33	43	16		0.42	-
10	85	54	81	52	48	33	49	16	91	0.38	0.03
11	81	56	78	55	31	29	16	14	47	0.40	-
12	79	54	76	53	45	36	51	22	69	0.34	0.02
13	77	50	71	45	44	28	47	11	47	0.36	-
14	82	50	78	50	37	6	39	2	40	0.38	-
15	84	51	79	49	41	6	48	2	58	0.41	-
16	87	52	81	50	37	31	34	14	61	0.46	-
17	84	52	79	52	42	30	37	13	66	0.41	-
18			69	45	44	33	73	26	126	0.22	0.12
19	66	50	60	47	45	46	79	55	62	0.16	0.02
20	67	48	60	41	44	36	73	29	49	0.20	-
21	73	44	68	40	37	36	49	31	79	0.24	-
22	71	47	64	44	27	20	22	17	93	0.30	-
23	69	42	62	42	37	29	63	33	79	0.32	-
24	68	41	62	43	38	25	54	1	50	0.28	-
25	72	42	72	41	37	11	53	7	37	0.26	-
26	73	40	69	39	35	7	52	5	54	0.24	-
27	76	46	71	46	37	3	49	3	33	0.28	-
28	74	43	70	43	34	33	47	25	47	0.25	-
29	75	45	73	45	35	11	48	7	40	0.23	-
30	72	45	[illegible]	43	35	7	48	5	57	0.26	-
Tot:										9.76	0.21
Ave:			74	49							

KACHURA

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	72	44	68	43	34	11	43	6	41	0.21	-
2	76	45	72	45	37	3	49	4	36	0.29	-
3	75	47	70	44	31	31	35	27	56	0.27	-
4	72	50	69	47	38	18	46	12	101	0.31	-
5	70	47	66	46	38	18	59	12	59	0.21	-
6	69	45	64	43	34	31	43	27	64	0.24	-
7	68	45	63	43	37	25	58	19	50	0.19	-
8	69	45	65	44	35	18	48	12	41	0.23	-
9	73	43	68	43	37	27	53	22	38	0.25	-
10	73	42	69	43	38	25	59	19	65	0.22	-
11	72	40	68	42	34	26	51	21	38	0.19	-
12	72	43	67	43	34	25	51	35	41	0.16	-
13	71	44	66	43	37	23	53	18	94	0.18	-
14	74	41	70	42	26	12	37	12	39	0.20	-
15	70	48	66	45	42	16	66	15	86	0.23	-
16	70	42	67	42	34	27	56	29	76	0.22	0.01
17	63	42	56	40	33	37	50	69	72	0.19	-
18	59	41	53	42	31	40	49	83	115	0.17	-
19	68	39	63	38	37	33	76	50	48	0.13	0.04
20	65	32	58	30	28	31	47	50	34	0.10	-
21	58	42	54	39	32	33	54	55	56	0.16	-
22	56	40	52	40	33	34	61	56	27	0.11	-
23	60	44	56	41	33	27	50	29	118	0.12	-
24	61	40	55	41	28	29	42	33	40	0.10	-
25	62	38	57	36	23	25	39	28	42	0.14	-
26	58	37	54	36	29	27	58	29	42	0.10	-
27	56	36	52	33	23	33	47	50	34	0.13	-
28	55	36	51	34	27	23	56	29	33	0.16	-
29	57	33	52	32	21	23	40	26	31	0.12	-
30	60	34	55	34	22	25	42	25	32	0.10	-
31	61	33	56	33	22	27	42	29	32	0.15	-
Tot:										5.58	0.05
Ave:	66	41	61	40					54		

KACHURA

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	61	36	57	35	33	34	73	56	31	0.16	-
2	59	36	54	36	30	34	64	47	65	0.18	-
3	58	39	53	37	31	27	59	35	66	0.19	-
4	61	34	58	35	28	27	57	29	31	0.14	-
5	59	33	56	33	27	15	63	20	29	0.15	-
6	60	32	57	37	31	19	65	23	27	0.13	-
7	60	32	57	35	29	17	64	22	23	0.14	-
8	59	33	56	34	29	2	64	5	23	0.12	-
9	61	39	57	37	29	25	52	31	25	0.15	-
10	58	34	55	35	31	37	73	49	19	0.11	-
11	58	38	54	38	33	32	61	42	28	0.13	-
12	58	36	55	36	34	31	74	41	70	0.15	-
13	61	33	58	35	29	25	64	31	40	0.18	-
14	59	32	54	34	29	7	64	15	34	0.14	-
15	58	30	55	32	25	23	69	39	38	0.12	-
16	58	30	55	32	27	17	70	26	28	0.10	-
17	57	28	54	29	22	22	59	37	26	0.11	-
18	54	26	52	30	21	11	57	25	24	0.12	-
19	52	24	50	30	23	13	67	26	25	0.10	-
20	53	23		29	28	21	89	48	23	0.11	-
21	51	25	49	31	32	16	100	28	25	0.09	-
22	48	29	47	34	35	42	90	100	21	0.10	-
23	43	35	43	37	37	36	100	75	10	0.01	0.05
24	52	33	52	34	29	25	71	40	34	0.08	-
25	49	34	46	34	30	19	72	28	22	0.09	-
26	51	33	49	32	17	19	38	43	30	0.06	-
27	49	33	43	37	14	19	34	28	20	0.07	-
28	50	22	49	32	29	25	89	61	31	0.08	-
29			49	30	26	16	78	36	29	0.07	-
30	47	21	45	30	22	22	66	46	32	0.08	-
Tot:										3.46	0.05
Avei			52	34					31		

KACHURA

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	46	21	44	31		11		27	31	0.06	-
2	45	21	44	30		14		34	27	0.05	-
3	45	25	42	31		9		23	15	0.08	-
4	48	28	44	30	28	20	89	36	25	0.09	-
5	46	29	42	31	21	5	57	13	25	0.07	-
6	48	26	43	33	30	23	89	47	23	0.06	-
7	50	25	49	35	31	35	80	100	30	0.08	-
8	47	29	38	33	25	20	69	45	25	0.07	-
9	46	25	39	34	24	13	68	29	18	0.06	-
10	44	32	42	35	15	22	31	42	35	0.08	-
11	45	30	44	33	28	24	70	43	30	0.05	-
12	49	32	49	33	25	6	69	15	85	0.10	-
13	46	21	45	30	25	19	77	43	40	0.09	-
14	42	20	41	30	12	15	43	40	28	0.07	-
15	41	19	38	28	15	17	52	42	18		-
16	39	21	38	30	26		78		11		-
17	38	30	37	31	33	30	100	80	10		0.07
18	37	30	35	31	30	20	89	50	14		0.05
19	42	32	39	32	25	25	69	55	52		0.01
20	44	34	40	35	20	18	45	34	87		-
21	47	30	45	33	22	19	59	39	34		-
22	44	29	43	30	27	13	88	29	44		-
23	40	30	39	33	24	23	68	47	38		-
24	45	30	45	33	18	28	49	89	23		-
25	36	28	36	32		28		89	27		0.01
26	38	29	37	31	27	27	78	88	67		0.02
27	49	30	47	32	27	26	78	62	23		-
28	51	32	49	31	27	25	78	61	87		-
29	49	29	47	32	27	15	78	31	124		-
30	42	25	42	31		16		36	42		-
31	38	24	38	30		25		61	16		-
Tot:											0.16
Ave:	44	27	42	32					37		

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KALAM - 1972

Location	Latitude 35°32', Longitude 72°35', situated near Kalam Dispansary.
Elevation	7,500 ± ft.msl.
Period of record	Rainfall data since Oct 1962, Observatory established in June 1963 by Surface Water Hydrology Project WAPDA.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum Pan Water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan.
Annual figures	Precipitation 46.17 inches Evaporation (Pan) incomplete Absolute maximum air temperature 88°F Absolute minimum air temperature 7°F
Remarks.	Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

KALAM

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	41	32	36	31	27	27	80	72			0.35
2	46	19	44	30	8	25	56	71			-
3	46	16	45	29	9	24	67	70			-
4	48	16	44	29	10	23	68	69			-
5	48	15	43	30	12	24	83	70			-
6	48	13			8	24	66	78			-
7	48	16			9	22	67	61			-
8	50	17			20	23	76	55			-
9	42	20			13	25	70	63			-
10	50	20			12	11	60	29			-
11	49	21			15	11	72	29			-
12	47	21			18	21	74	54			-
13	43	24			28	29	89	89			-
14	46	24			21	25	87	79			0.24
15	48	22			15	24	63	70			-
16	44	25			27	26	89	64			0.06
17	43	28			27	34	89	82			0.02
18	46	27			23	29	69	89			-
19	46	27			25	29	79	89			0.23
20	39	31			29	29	89	89			1.05
21	34	32			29	29	89	89			0.78
22	33	30			22	22	68	61			0.84
23	42	24			25	25	89	71			-
24	34	28			27	19	80	47			-
25	42	32			27	80	80	90			-
26	36	30			28	25	89	71			-
27	36	27			20	25	67	71			0.08
28	42	29			28	27	89	72			0.16
29	36	31			26	30	79	90			0.27
30	36	32			29	27	89	80			0.20
31	36	32			27	25	80	71			0.98
Tot:											5.18
Ave:	43	25									

KALAM

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	38	32			29	27	89	80			0.12
2	38	32			29	30	89	80			0.16
3	38	32			26	27	79	80			0.07
4	34	30			24	26	78	79			0.22
5	36	28			24	28	78	89			0.05
6	38	24			22	23	87	62			0.02
7	40	18									0.01
8	50	17			10	27	68	72			-
9	52	17			10	20	68	53			-
10	50	18			24	29	78	80			-
11	47	30			25	29	79	89			0.39
12	48	29			29	29	89	89			0.53
13	44	12			11	22	59	61			0.04
14	50	14			8	23	66	62			0.18
15	51	15			10	27	68	72			-
16	50	12			5	26	64	64			-
17	52	12			6	11	65	31			-
18	52	14			4	20	51	48			-
19	56	10				21		44			-
20	54	14			20	29	76	80			-
21	48	25			30	29	90	89			0.35
22	34	32			29	29	89	89			1.00
23	36	31			27	29	80	89			1.35
24	35	32			29	29	89	89			0.90
25	36	31			29	27	89	89			0.17
26	36	7				20		76			0.35
27	48	10			11	27	59	72			0.02
28	42	22			18	25	74	63			-
29	45	15			12	26	83	64			-
Tot:											5.90
Ave:	44	21									

KALAM

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	51	15			10	26	68	53			-
2	52	16			11	28	59	59			-
3	52	21			30	19	80	43			0.05
4	42	33			30	30	90	90			0.50
5	40	30			25	33	71	75			0.69
6	46	34			31	30	90	90			0.01
7	42	30			28	30	89	74			-
8	48	30			27	31	80	81			-
9	42	22			16	31	73	74			-
10	54	22			21	27	67	49			-
11	52	29			28	30	73	90			-
12	38	33			30	30	90	90			-
13	36	23			21	31	87	67			0.25
14	54	22			19	32	66	62			-
15	51	26			27	31	58	67			-
16	44	30			25	29	71	55			0.09
17	52	27			22	30	68	56			-
18	56	27			22	24	68	36			-
19	54	31			29	33	80	82			0.55
20	40	32			30	31	80	74			0.58
21	48	31			25	33	71	63			0.22
22	57	33			27	34	65	54			-
23	56	33			22	34	69	50			-
24	62	32			17	37	41	65			-
25	56	36			27	33	54	63			0.15
26	46	32			27	30	65	56			0.51
27	55	33			29	32	66	45			0.22
28	66	35			33	25	75	34			0.05
29	56	34			33	25	82	34			0.25
30	65	36			32	25	68	29			0.04
31	66	32			23	31	51	37			-
Tot:											4.16
Ave:	51	29									

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	64	32			22	37	49	56		0.10*	-
2	64	32	70	38	27	37	65	56		0.12	-
3	57	35	60	37	26	36	64	83		0.07	0.43
4	44	33	46	32	30	31	90	90		0.05*	0.86
5	40	32	34	32	31	38	81	71		0.04	1.65
6	54	30	56	31	23	33	62	49		0.07	-
7	62	35	71	37	29	37	66	77		0.14	-
8	52	34	58	38	32	36	81	76		0.07	0.17
9	46	31	51	37	27	34	65	43		0.06	0.52
10	62	30	70	37	2[illegible]	34	54	50		0.16	-
11	58	34	69	38	26	35	53	51		0.18	-
12	68	34	74	38	23	38	51	46		0.18	-
13	67	36	75	38	29	37	60	52		0.18	-
14	70	42	76	42	24	38	39	61		0.20	-
15	58	42	61	46	29	33	55	63		0.12	1.14
16	46	36	51	40	30	35	74	69		0.05	1.60
17	49	36	50	40	32	16	68	21		0.04	0.26
18	58	48	64	41	25	34	43	46		0.16	-
19	63	37	66	40	26	34	53	43		0.18	-
20	62	38	70	40	17	35	34	51		0.20	-
21	64	37	72	42	23	34	51	37		0.20	-
22	65	38	74	40	24	35	47	36		0.21	-
23	67	37	74	38	25	34	43	33		0.20	-
24	70	36	76	39	30	40	51	39		0.20	-
25	71	41	74	44	35	39	55	38		0.21	-
26	72	45	79	46	35	42	51	38		0.23	-
27	74	46	82	48	41	44	63	80		0.27	-
28	60	42	47	44	36	35	76	83		0.07	1.12
29	50	38	44	39	39	42	78	55		0.03	1.35
30	63	40	69	41	36	39	70	69		0.13	-
Tot:										4.12	9.10
Ave:	60	37									

* Estimated evaporation.

KALAM

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	56	40	61	42	36	45	70	57		0.13	-
2	64	39	72	43	34	41	58	51		0.20	-
3	66	42	71	44	41	45	73	57		0.20	-
4	66	40	73	42	38	49	66	76		0.20	-
5	68	46	68	45	43	45	85	65		0.17	0.13
6	58	38	59	43	36	54	76	78		0.05	1.18
7	63	43	67	44	42	55	79	74		0.07	0.10
8	65	43	75	48	41	56	73	94		0.20	0.31
9	70	48	82	49	45	55	80	83		0.20	-
10	62	44	68	46	43	52	68	77		0.07	0.15
11	66	48	70	50	42	53	63	78		0.21	-
12	72	52	83	52	49	53	71	65		0.23	-
13	68	48	70	50	34	51	50	77		0.11	0.78
14	62	45	63	45	42	54	85	69		0.07*	0.95
15	68	45	78	46	45	52	65	77		0.26	-
16	68	44	69	45	49	56	76	83		0.20	0.17
17	65	44	67	45	46	64	75	72		0.11	0.04
18	75	46	82	48	49	64	76	69		0.23	-
19	76	47	82	47	49	65	71	66		0.30	-
20	78	46	83	47	50	71	71	78		0.30	-
21	81	50	86	51	52	63	73	69		0.31	-
22	80	48	81	49	45	53	80	88		0.29	0.93
23	62	48	64	49	48	59	81	71		0.04	0.50
24	71	49	75	50	47		81			0.22	-
25	57	45	57	47	46	61	80	75		0.02	0.44
26					39	52	67	73		0.09	-
27	68	40	73	43	42	50	79	71		0.25	-
28	66	41	67	42	44	51	69	72		0.20	-
29	68	42	75	42	45	64	85	81		0.25	-
30	73	46	81	47	50	66	76	81		0.24	-
31	74	49	80	50	53	70	83	74		0.30	-
Tot:										5.72	5.68
Ave:											

* Estimated evaporation.

KALAM

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	81	51	84	52	55	58	78	79		0.30	-
2	79	54	79	53	53	62	88	84		0.23	0.01
3	72	47	77	49	50	69	76	82		0.14	0.24
4	76	50	82	54	53	53	83	68		0.29	0.10
5	73	45	79	48	45	55	65	74		0.20	-
6	70	45	76	46	50	65	76	81		0.30	-
7	73	46	78	47	51	63	72	72		0.32	-
8	77	47	83	49	51	62	72	76		0.30	-
9	75	48	75	48	53		73			0.27	-
10	78	48	78	48	53	70	78	74		0.30	-
11	81	49	86	50	55	66	74	66		0.33	-
12	84	54	86	54	56	43	79	41		0.36	-
13	74	48	74	50	42	46	59	45		0.27	-
14	80	52	82	52	50	58	67	57		0.32	-
15	82	50	84	52	52	45	64	28		0.31	-
16	86	52	89	53	40	55	39	37		0.35	-
17	86	52	88	53	44	61	44	43		0.37	-
18	88	52	88	53	51	60	60	47		0.40	-
19	86	54	84	52	50	61	53	50		0.44	-
20	86	52	88	52	45	59	47	49		0.40	-
21	84	54	83	54	51	60	60	47		0.39	-
22	82	56	76	54	48	57	59	48		0.36	-
23	80	58	75	57	57	64	70	59		0.34	-
24	82	58	85	56	53	64	61	57		0.35	-
25	86	58	86	59	58	45	71	32		0.42	-
26	88	56	80	57	55	75	78	62		0.34	0.38
27	80	53	86	56	51	50	72	39		0.17	0.04
28	78	56	82	57	51	55	72	59		0.22	0.05
29	71	52	73	56	52	53	64	46		0.08	0.33
30	77	56	80	57	51	53	77	52		0.23	0.07
Tot:										9.10	1.22
Aver	80	52	82	53							

KALAM

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	74	52	78	55	49	52	63	43		0.11	0.04
2	78	53	81	56	51	53	60	44		0.23	-
3	81	56	83	58	52	45	61	33		0.32	-
4	80	57	81	57	46	51	51	42		0.34	-
5	77	58	80	58	50	57	53	48		0.30	-
6			77	54	49	43	76	46		0.35	0.15
7	66	48	73	50	44	43	61	32		0.20	-
8	77	54	81	52	46	53	54	46		0.32	-
9	80	47	82	58	52	53	61	41		0.25	
10	76	58	80	58	56	53	70	55		0.32	-
11	76	60	78	60	54	47	69	40		0.31	-
12	74	57	77	57	51	47	64	43		0.32	-
13	74	54	78	56	49	52	59	45		0.35	-
14	77	55	81	56	48	45	52	32		0.34	-
15	82	55	83	56	47	48	55	35		0.36	-
16	82	58	83	59	54	54	65	49		0.40	-
17	80	59	82	59	50	48	53	39		0.22	0.12
18	78	55	82	56	53	49	78	55		0.18	0.05
19	70	49	73	51	45	43	57	32		0.10	-
20	74	48	75	50	45	43	57	46		0.30	-
21	76	50	77	51	42	43	52	34		0.25	-
22	76	54	78	53	42	37	49	22		0.31	-
23	82	54	83	54	49	53	59	52		0.36	-
24	78	52	78	54	48	50	59	38		0.24	-
25	79	54	79	56	48	55	52	52		0.30	-
26	78	53	81	55	46	39	54	28		0.31	-
27	76	50	77	53	46	37	54	22		0.33	-
28	82	52	82	54	46	43	51	29		0.36	-
29	82	55	82	55	47	55	55	78		0.35	0.01
30	76	53	77	54	51	49	68	76		0.13	0.20
31	76	49	77	50	48	52	66	51		0.14	0.28
Tot:										8.80	0.87
Ave:			79	55							

KALAM

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	74	52	78	54	47	52	58	45		0.28	-
2	76	52	81	54	46	53	54	46		0.31	-
3	78	58	82	56	55	55	65	47		0.32	-
4	80	62	83	62	58	58	71	54		0.33	-
5	80	64	85	65	61	60	75	58		0.34	-
6	80	61	84	64	60	57	84	60		0.35	-
7			70	61	56	56	83	59		0.12	1.50
8	74	60	82	62	59	52	75	77		0.20	-
9	74	50	78	52	49	50	71	47		0.19	0.32
10	74	50	80	52	47	48	62	59		0.25	-
11	74	48	75	49	44	53	61	52		0.18	-
12	76	53	79	53	53	53	73	48		0.26	-
13	76	54	82	57	54	56	73	83		0.26	-
14	75	55	74	56	54	52	83	57		0.16	0.08
15	70	52	73	54	51	54	68	55		0.16	-
16	74	52	79	55	53	57	78	56		0.25	-
17			79	57	51	51	68	51		0.27	0.17
18	75	56	78	58	54	50	65	56		0.28	-
19	74	52	74	54	49	52	67	57		0.21	0.01
20	74	55	77	56	53	53	78	61		0.24	0.04
21	72	50	76	52	51	54	77	78		0.20	-
22	74	48	78	51	50	43	71	41		0.25	0.11
23	76	52	76	54	46	51	57	72		0.22	-
24	74	52	77	54	52	51	82	68		0.19	0.16
25	72	54	75	53	50	49	71	53		0.24	-
26	70	48	70	49	44	43	64	41		0.18	-
27	72	50	74	48	47	42	62	38		0.25	-
28	77	53	78	54	49	52	67	51		0.25	-
29	75	58	76	56	58	59	89	84		0.17	0.01
30	70	58	73	60	58	59	89	89		0.08	0.05
31	63	54	65	56	53	49	88	50		0.02	0.54
Tot:										7.01	2.99
Ave:			77	55							

KALAM

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	52	76	54	55	47	83	40		0.18	-
2	76	51	79	53	50	54	67	55		0.26	-
3	77	52	79	54	51	55	68	56		0.26	-
4	77	54	80	56	53	53	73	52		0.25	-
5	77	53	80	55	53	55	73	52		0.26	-
6	78	54	81	54	52	52	73	51		0.28	-
7	76	52	77	54	51	55	72	56		0.25	-
8	74	58	78	56	54	54	73	62		0.26	-
9	74	56	79	56	53	54	73	69		0.24	-
10	70	50	70	53	49	50	71	56		0.18	-
11	73	48	76	52	47	49	70	63		0.20	-
12	72	46	72	56	45	46	69	43		0.22	-
13	74	47	76	49	47	50	70	47		0.23	-
14	75	50	76	52	47	51	70	48		0.25	-
15	76	53	77	54	49	53	67	55		0.26	-
16	76	53	78	55	53	55	78	62		0.28	-
17	74	47	76	50	44	47	69	55		0.25	0.04
18	70	44	71	48	42	44	63	85		0.23	-
19	64	43	58	45	42	41	79	92		0.05	1.61
20	50	40	53	41	36	46	83	86		0.02	1.42
21	52	40	55	42	37	34	84	50		0.02	0.13
22	56	36	56	38	30	34	66	40		0.10	-
23	66	40	70	38	31	45	61	86		0.16	-
24	70	40	72	40	30	29	56	27		0.18	-
25	74	39	72	41	30	29	51	27		0.16	-
26	76	41	75	40	28	29	42	26		0.20	-
27	72	38	72	41	33	31	57	28		0.20	-
28	70	42	68	42	37	41	65	45		0.20	-
29	69	40	70	42	38	37	71	52		0.20	-
30	68	40	66	42	39	41	78	45		0.19	-
Tot:										6.02	3.24
Ave:	71	47	72	48							

KALAM

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	67	40	68	43	37	44	65	49		0.18	-
2	72	44	70	44	39	42	67	68		0.18	-
3	70	40	64	42	40	39	84	53		0 09	0.03
4	63	40	66	42	38	45	77	47		0.20	0.05
5	66	40	66	41	36	39	70	53		0.18	-
6	64	40	63	40	37	42	71	49		0.12	-
7	67	38	68	38	40	40	84	44		0.15	-
8	67	37	68	38	36	40	70	44		0.15	-
9	66	37	67	38	40	32	84	34		0.18	-
10	67	44	66	44	38	39	57	40		0.12	0.02
11	70	41	68	41	34	20	54	18		0.10	-
12	72	40	68	41	33	43	53	64		0.17	-
13	60	39	54	40	37	46	71	75		0.10	
14	72	39	69	40	36	44	64	69		0.14	-
15	68	43	60	43	38	43	71	85		0.05	-
16	60	39	54	39	37	42	77	79		0.02	0.06
17	62	41	61	40	40	38	84	91		0.04	0.10
18	54	38	51	39	37	39	84	91		0.08	0.72
19	50	34	54	36	29	39	73	84		0.06	0.01
20	58	36	63	39	34	29	75	55		0.10	-
21	46	36	45	38	33	37	82	84		0.02	0.60
22	44	35	43	37	33	39	82	84		0.01	0.13
23	48	32	49	36	30	33	80	57		0.05	0.01
24	60	33	61	36	26	29	64	43		0.07	-
25	62	33	62	37	22	19	49	27		0.10	-
26	62	33	63	36	21	17	54	26		0.11	-
27	64	34	62	36	17	31	41	44		0.12	-
28	66	34	62	35	21	31	54	41		0.12	-
29	67	33	62	35	22	27	61	35		0.15	-
30	60	32	59	36	23	29	62	40		0.14	-
31	61	33	60	36	2	27	13	35		0.14	-
Tot:										3.44	1.73
Ave:	62	37	61	39							

KALAM

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	64	34	60	35	29	33	66	49		0.15	-
2	60	34	56	36	28	28	73	45		0.10	-
3	62	35	60	36	21	27	54	38		0.15	-
4	66	36	62	36	20	32	48	42		0.10	-
5	70	35	63	35	20	27	48	30		0.13	-
6	72	34	62	36	24	27	56	33		0.14	-
7	68	36	61	37	25	27	57	30		0.12	-
8										0.11*	-
9										0.11*	-
10	68	37	62	38	34	32	63	39		0.10	-
11	61	43	54	43	36	34	70	54		0.09	-
12	58	36	55	38	30	27	74	38		0.10	-
13	62	32	59	34	18	24	52	39		0.10	-
14	63	30	58	34	19	24	59	39		0.10	-
15	62	30	56	34	18	24	58	39		0.10	-
16	62	29	56	33	17	24	57	39		0.08	-
17	60	30	55	33	18	23	58	42		0.08	-
18	61	29	54	33	15	5	45	17		0.09	-
19	60	29	55	33	21	11	49	24		0.08	-
20	60	28	54	33	14	23	48	38		0.08	-
21	58	30	55	35	20	28	48	42		0.08	-
22			42	35	26	20	79	53		0.02	0.45
23	44	28	40	34	26	23	79	62		0.01	0.80
24	44	29	42	35	22	25	60	63		0.04	0.0
25	48	30	50	34	23	22	69	45		0.08	-
26	54	27	52	32		24	43	47		0.06	-
27	55	28	52	33	12	25	47	52		0.07	-
28	55	26	49	32	25	25	89	52		0.07	-
29	54	26	47	32	14	25	54	57		0.07	-
30	56	27	45	31	12	29	47	60		0.07	-
Tot:										2.58	1.28
Ave:											

KALAM

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	58	29	46	32	19	30	59	51		0.06	-
2	60	32	47	32	22	27	61	49		0.04	-
3	60	32	52	34	21	36	60	64		0.06	-
4	60	33	52	34	25	32	63	57		0.05	-
5	52	31	45	35	23	28	69	50		0.04	-
6	58	30	51	34	15	25	49	43		0.06	-
7	58	30	51	34	17	23	45	42		0.05	-
8	54	36	44	33	32	33	81	90		0.04	-
9	40	28	39	32	27	27	89	65		0.01	0.15
10	42	30	41	32	25	31	79	74		0.03	-
11	40	29	40	32	24	29	78	66		0.03	-
12	51	26	46	32	25	27	89	65		0.04	-
13	54	27	44	31	26	23	89	51		0.04	-
14	56	28	44	31	21	14	67	29		0.05	-
15	56	28	45	31	19	33	59	75		0.07	-
16	42	29			30	29	90	89			0.25
17	43	30			28	30	89	80			0.58
18	41	29			29	33	89	82			0.18
19	41	32			30	33	90	90			0.13
20	42	28			29	27	89	89			0.10
21	39	27			26	17	79	51			-
22	42	27			26	29	89	89			0.18
23	39	27			22	24	77	78			0.23
24	38	23			22	27	77	89			0.02
25	34	28			25	27	89	89			0.28
26	34	27			27	28	89	89			0.26
27	34	28			20	24	67	78			1.70
28	33	26			23	24	88	88			0.47
29	42	12			18	20	74	76			0.16
30	40	12			13	29	70	89			-
31	36	20			15	26	71	89			-
Tot:											4.79
Ave:	46	28									

* Estimated evaporation.

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KHAIRPUR - 1972

Location	Latitude 27°32', Longitude 68°46', in WAPDA Colony Khairpur about 2 miles from Khairpur Town on National Highway towards Karachi.
Elevation	200 ± ft.msl.
Period of record	The station was established by the Project Director, Project Planning Southern Zone (old L.I.P) on 1.1.1962 and taken over by the Surface Water Hydrology Project in December 1965.
Instruments	5" Non-recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation, pan. Anemometer.
Annual figures	Data incomplete.
Remarks	Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel and taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

KHAIRPUR

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1									9	0.16	-
2									26	0.18	-
3										0.16	-
4									27+	0.13	-
5									20	0.13	-
6									20	0.15	-
7									23	0.16	-
8									22	0.15	-
9									18	0.15	-
10									25	0.14	-
11									28	0.15	-
12									35	0.17	-
13									25	0.11	-
14									49	0.17	-
15									32	0.16	-
16											-
17											-
18											-
19											-
20											-
21											-
22											-
23											-
24											-
25											-
26											
27											
28											
29											
30											
31											
Tot:											
Ave:											

Note:- Data missing from 16.1.72 to 16.4.72

+ 2 days observation.

KHAIRPUR

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11					Data upto 15.4.72						
12					Missing						
13											
14											
15											
16	104	74			74	40	94	18			-
17	98	76					88	17	49	0.34	-
18	95	64			74	7	88	24	54	0.37	-
19	94	60			72	10	91	23	24	0.35	-
20	98	70			75	11	96	28	29	0.35	-
21	100	76			79	15	89	19	50	0.44	-
22	92	74			72	10	82	13	60	0.37	-
23	86	66			74	6	90	17	35	0.36	-
24	92	68			75	4	95	20	39	0.34	-
25	96	70			82	9	102	25	36	0.36	-
26	102	80			83	9	100	24	69	0.39	-
27	100	64			74	6	96	21	109	0.38	-
28	100	66			77	10	95	19	127	0.39	-
29	100	64			79	9	99	19	34	0.41	-
30	100	64			81	11	99	16	22	0.41	-
Tot:											
Ave:											

KHAIRPUR

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	104	72			81	8	111	26	33	0.44	-
2	112	80			87	4	110	26	97	0.46	-
3	110	77			84	4	108	22	39	0.49	-
4	110	76			89	10	114	25	46	0.48	-
5	116	78			86	7	106	22	126	0.53	-
6	106	78			83	3	104	21	46	0.51	-
7	106	74			79	3	103	20	25	0.51	-
8	106	76			88	9	105	17	37	0.53	-
9	107	76			83	4	107	16	11	0.51	-
10	108	78			86	5	104	15	52	0.54	-
11	110	76			90	9	108	14	17	0.55	-
12	112	74			91	9	107	31	21	0.57	-
13	112	82			91	6	106	25	81	0.58	-
14	108	76			88	5	105	17	42	0.53	-
15	108	78			86	5	110	21	54	0.55	-
16	110	82			88	5	106	15	40	0.56	-
17	113	84			89	4	107	19	31	0.58	-
18	110	78			81	4	112	10	21	0.57	-
19	113	76			88	5	111	16	40	0.56	-
20	114	74			88	5	116	18	21	0.59	-
21	118	84			92	6	115	18	65	0.62	-
22	118	82			89	6	110	19	96	0.64	-
23	114	78			89	8	110	17	35	0.64	-
24	112	76			86	7	102	21	46	0.62	-
25	106	60			74	7	99	18	45	0.60	-
26	106	58			74	9	103	17	28	0.58	-
27	106	58			78	11	104	16	51	0.57	-
28	106	68			79	6	109	22	39	0.57	-
29	110	62			76	8	111	18	20	0.58	-
30	113	66			79	11	109	15	22	0.59	-
31	112	68			83	9	110	16	15	0.58	-
Tot:										17.23	0.00
Ave:	110	74							43		

KHAIRPUR

June 1972

Date	TEMPERARURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	110	72			86	9	106	18	33	0.58	-
2	110	76			87	9	107	23	14	0.56	-
3	112	80			86	4	108	26	32	0.58	-
4	110	84			87	2	108	23	49	0.52	-
5	108	82			93	9	105	16	52	0.53	-
6	110	86			98	9	101	16	46	0.53	-
7	108	76			87	8	101	14	76	0.55	-
8	106	72			83	5	104	17	71	0.54	-
9	110	76			89	9	107	21	24	0.55	-
10	112	78			87	7	103	15	12	0.56	-
11	110	76			86	7	108	20	16	0.57	-
12	112	72			82	6	106	15	45	0.55	-
13	112	84			91	4	111	12	63	0.56	-
14	112	82			88	3	116	8	68	0.57	-
15	118	82			88	2	114	25	74	0.58	-
16	116	82			88	5	114	19	73	0.59	-
17	116	82			86	2	113	19	64	0.58	-
18	116	80			88	4	118	21	64	0.57	-
19	120	86			98	9	114	19	81	0.63	-
20	116	84			89	4	110	11	75	0.61	-
21	112	82			88	4	112	10	35	0.62	-
22	114	82			87	2	111	17	78	0.62	-
23	112	84			90	3	109	15	61	0.63	-
24	110	84			93	4	104	16	74	0.61	-
25	110	84			89	3	106	19	100	0.61	-
26	108	84			93	8	108	17	68	0.63	-
27	108	86			92	5	106	17	72	0.66	-
28	106	80			87	5	89	5	41	0.65	-
29	100	72			88	5	101	15	63	0.63	-
30	102	76			91	6	106	19	39	0.64	-
Tot:										17.61	0.00
Ave:	111	80							55		

KHAIRPUR

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	74			78	83	64	74	20	0.63	-
2	102	82			84	78	88	83	21	0.46	-
3	100	80			84	76	92	72	86	0.36	-
4	100	76			81	80	84	54	112	0.43	-
5	100	78			82	78	88	42	169	0.44	-
6	106	84			86	78	84	38	49	0.49	-
7	112	86			81	76	80	34	35	0.53	-
8	112	84			87	79	92	44	22	0.55	-
9	106	82			81	88	84	62	55	0.55	-
10	108	86			83	90	74	67	30	0.54	-
11	108	86			83	90	74	58	72	0.53	-
12	108	84			83	86	81	55	75	0.54	-
13	106	86			84	80	84	40	18	0.56	-
14	110	84			87	87	78	57	2	0.56	-
15	106	84			85	87	88	62	42	0.55	-
16	108	84			84	82	84	55	33	0.56	-
17	106	82			81	83	80	53	43	0.57	-
18	106	82			83	81	88	51	173	0.57	-
19	108	84			83	88	84	59	45	0.58	-
20	106	80			78	83	79	56	171	0.56	-
21	104	82			78	85	79	54	74	0.55	-
22	106	78			81	91	84	63	73	0.55	-
23	108	82			81	91	91	65	87	0.53	-
24	106	80			82	87	92		82	0.51	-
25	110	82			81	85	91	52	77	0.52	-
26	108	80			79	91	73	58	83	0.51	-
27	112	84			78	87	83	55	77	0.56	-
28	108	84			79	88	80	59	61	0.54	-
29	106	80			82	92	92	63	76	0.52	-
30	108	76			81	91	91	61	98	0.51	-
31	110	80			80	88	91	62	71	0.50	-
Tot:										16.36	0.00
Ave:	107	82									

KHAIRPUR

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	78			81	90	41	67	67	0.50	-
2	104	76			82	88	92	62	56	0.48	-
3	104	76			77	78	83	44	66	0.48	-
4	106	76			76	79	79	46	83	0.47	-
5	104	74			78	81	87	49	76	0.47	-
6	106	76			80	81	87	56	72	0.47	-
7	104	74			80	83	87	53	56	0.46	-
8	106	78			81	81	91	49	45	0.46	-
9	104	76			80	83	91	58	54	0.45	-
10	103	82			79	83	80	56	35	0.47	-
11	103	76			76	82	83	55	31	0.46	-
12	102	74			75	85	83	56	41	0.45	-
13	106	76			75	74	75	37	49	0.45	-
14	106	74			74	78	78	49	42	0.45	-
15	102	76			77	78	76	44	39	0.44	-
16	104	76			78	80	83	45	47	0.45	-
17	108	78			80	80	80	43	73	0.46	-
18	110	82			83	86	84	50	15	0.47	-
19	108	80			79	85	83	54	25	0.49	-
20	106	78			79	77	87	40	28	0.46	-
21	106	80			81	83	84	48	35	0.45	-
22	108	80			81	83	80	50	12	0.46	-
23	108	76			78	78	73	42	16	0.47	-
24	108	76			77	79	83	46	21	0.46	-
25	104	78			77	80	83	50	22	0.45	-
26	102	74			78	74	87	42	40	0.45	-
27	102	74			74	72	87	40	33	0.44	-
28	102	66			67	74	73	44	25	0.42	-
29	100	70			68	79	70	48	28	0.43	-
30	102	66			67	80	69	54	22	0.42	-
31	100	70			68	83	66	58	20	0.42	-
Tot:										14.16	0.00
Ave:	105	76							69		

KHAIRPUR

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	102	72			73	87	71	64	17	0.40	-
2	104	68			70	91	67	63	18	0.41	-
3	106	64			76	83	87	53	38	0.44	-
4	104	68			75	79	95	46	59	0.43	-
5	104	68			74	73	87	40	42	0.43	-
6	104	70			76	75	91	41	41	0.44	-
7	106	72			75	78	91	52	46	0.43	-
8	104	72			74	75	87	46	43	0.42	-
9	100	74			74	74	86	44	49	0.43	-
10	100	74			74	82	87	55	44	0.42	-
11	102	76			76	84	91	54	22	0.41	-
12	106	74			77	81	87	51	12	0.41	-
13	104	76			74	81	71	45	18	0.40	-
14	108	74			76	80	83	47	7	0.42	-
15	106	70			71	76	74	45	11	0.41	-
16	102	72			77	83	91	50	61	0.41	-
17	108	80			80	85	76	54	30	0.42	-
18	106	78			75	79	69	59	44	0.44	-
19	100	68			73	79	78	52	22	0.41	-
20	100	72			72	67	82	43	36	0.40	-
21	98	66			66	73	85	54	22	0.39	-
22	96	64			63	79	68	64	28	0.38	-
23	96	64			64	77	85	58	22	0.38	-
24	94	64			64	80	94	54	15	0.36	-
25	100	64			63	84	84	60	12	0.37	-
26	102	64			62	80	64	50	14	0.36	-
27	102	60			59	67	66	40	26	0.35	-
28	100	68			68	74	81	44	12	0.35	-
29	100	70			70	73	86	48	15	0.35	-
30	98	70			72	69	82	37	11	0.34	-
Tot:										12.01	0.00
Ave:	102	70							28		

KHAIRPUR

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	100	66			67	77	73	51	16	0.33	-
2	100	72			74	77	83	49	15	0.34	-
3	100	70			71	66	78	37	18	0.33	-
4	98	66			63	67	64	43	17	0.33	-
5	96	68			66	65	69	41	21	0.34	-
6	96	66			65	64	72	33	34	0.32	-
7	100	64			65	72	80	49	17	0.34	-
8	96	64			63	72	72	47	11	0.32	-
9	96	62			61	81	71	68	17	0.33	-
10	94	62			61	74	84	48	12	0.30	-
11	100	62			61	77	75	54	13	0.31	-
12	98	64			66	78	85	52	24	0.31	-
13	102	62			63	82	89	58	17	0.30	-
14	100	64			65	79	80	66	7	0.32	-
15	96	66			66	79	90	61	18	0.31	-
16	94	62			61	77	75	58	13	0.30	-
17	96	64			64	77	76	61	14	0.30	-
18	96	60			59	82	66	62	17	0.31	-
19	98	64			66	77	85	58	26	0.30	-
20	94	66				78		67	37	0.30	-
21	92	60			60	75	70	65	35	0.29	-
22	92	64			64	73	85	68	54	0.30	-
23	90	56			57	67	88	57	23	0.28	-
24	90	58			58	65	78	51	13	0.26	-
25	90	56			57	68	78	55	17	0.25	-
26	92	56			58	65	83	53	14	0.26	-
27	88	54			55	71	88	64	25	0.24	-
28	90	56			58	66	94	51	15	0.25	-
29	90	54			56	71	82	58	13	0.25	-
30	92	56			54	67	73	54	12	0.26	-
31	90	56			57	84	83	55	15	0.25	-
Tot:										9.23	0.00
Ave:	95	62							19		

KHAIRPUR

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	54			57	77	88	63	14	0.24	-
2	92	54			55	74	73	65	10	0.25	-
3	90	54			59	77	83	67	15	0.24	-
4	90	56			59	72	94	48	9	0.24	-
5	88	56			59	73	88	57	11	0.24	-
6	90	58			59	71	79	56	8	0.23	-
7	92	58			57		78		11	0.22	-
8	92	58			59	72	79	59	17	0.23	-
9	90	54			56	74	94	57	12	0.24	-
10	92	56			56	74	94	65	9	0.24	-
11	90	54			53	72	82	62	13	0.23	-
12	88	54			54	67	93	47	9	0.22	-
13	92	56			58	67	94	49	17	0.22	-
14	90	56			56	65	82	46	8	0.23	-
15	88	58			57	68	94	52	10	0.22	-
16	88	54			52	71	87	61	6	0.22	-
17	88	56			57		78		9	0.20	-
18					64	69	68	64		0.21*	-
19	86	56			57	74	94	68	23+	0.21	-
20	88	56			57	71	88	58	11	0.20	-
21	88	54			57	68	83	77	14	0.20	-
22	84	52			52	66	87	69	20	0.18	-
23	82	56			59	64	89	65	19	0.19	-
24	84	52			57	58	88	56	26	0.18	-
25	82	52			50	60	76	63	22	0.17	-
26	80	44			43	50	85	43	21	0.17	-
27	80	47			50	51	100	47	15	0.16	-
28	78	48			52	60	100	60	16	0.17	-
29	78	48			49	55	93	51	10	0.16	-
30	78	46			48	50	93	39	10	0.16	-
Tot:										6.27	0.00
Ave:									13		

\+ 2 days observation.

* Estimated evaporation.

KHAIRPUR

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	46			46	64	79	59	11	0.17	-
2	82	46			46	62	85	58	10	0.17	-
3	80	48			49	63	80	61	11	0.18	-
4	80	46			49	56	93	52	22	0.17	-
5	78	44			45	59	92	59	17	0.15	-
6	78	46			48	57	100	53	9	0.15	-
7	80	44			47	60	93	60	7	0.16	-
8	78	49			54	55	100	58	20	0.15	-
9	78	44			45	53	92	56	27	0.17	-
10	76	47			49	56	93	65	20	0.17	-
11	74	40			44	53	100	60	26	0.16	-
12	76	36			37	54	91	54	14	0.13	-
13	76	39			41	59	100	57	11	0.15	-
14					45	53	92	47	7	0.16	-
15	76	44			47	54	100	51	11	0.15	-
16	74	42			45	58	92	59	4	0.15	-
17	74	42			41	53	84	56	6	0.16	-
18	72	40			37	55	83	61	2	0.16	-
19	72	42			44	51	100	52	18	0.16	-
20	72	40			42	54	100	60	56	0.15	-
21	72	40			42	52	92	63	17	0.15	-
22	70	38			40	52	100	63	58	0.15	-
23					46	59	92	53	36	0.15	-
24	78	48			49	65	93	89	32	0.15	-
25	70	50			51	55	87	69	48	0.14	-
26	68	54			52	56	87	65	44	0.14	-
27	70	48			46	57	79	69	30	0.12	-
28	68	40			39	45	86	50	27	0.14	-
29	66	34			32	43	90	47	39	0.14	-
30	66	28			30	48	100	53	27	0.13	
31										0.13*	-
Tot:										4.71	0.00
Ave:											

* Estimated evaporation.

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KILLI KOTWAL - 1972

Location	Latitude 30°15', Longitude 67°01'
Elevation	
Period of record	Observatory installed on 21.9.1970 by Surface Water Hydrology Project, WAPDA.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 10.20 inches Evaporation (Pan) 123.03 inches Absolute Maximum air temperatures 100°F Absolute Minimum air temperature 15°F.
Remarks	Annual figures are calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

KILLI KOTWAL

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	61	30			22	22	68	35	110	0.19	-
2	49	25			27	20	100	33	44	0.12	-
3	49	26			29	33	100	69	38	0.10	-
4	48	25			27	13	100	25	50	0.09	-
5	48	24			27	23	100	42	56	0.13	-
6					27	13	100	31	45	0.09	-
7	42	21							65	0.08	-
8	55	22			23	11	55	24	39	0.11	-
9	50	26			27	25	100	43	59	0.11	-
10	46	22			25	14	100	29	58	0.10	-
11	46	24			26	25	100	43	45	0.10	-
12	47	26			26	27	89	38	68	0.11	-
13	56	28			36	36	91	76	68	0.09	0.17
14	44	30			31	38	100	66	44	0.11	0.21
15	53	31			25	39	63	84	43	0.09	-
16	47	36			34	41	82	73	50	0.01	0.08
17	50	38			34	42	75	73	76	0.02	0.07
18	50	40			37	41	84	73	84	0.07	-
19	52	41			37	38	71	71	63	0.07	-
20	50	38			34	39	25	78	96	0.03	0.07
21	46	37			36	32	91	100	101	0.04	0.26
22	38	22			23	19	100	43	83	0.02	0.05
23	42	22			20	38	48	53	47	0.07	-
24	55	33			28	37	73	56	74	0.12	-
25	54	33			26	37	64	60	80	0.12	-
26	53	34			32	31	81	52	57	0.09	-
27	49	36			28	33	59	69	68	0.11	-
28	46	37			37	45	91	93	64	0.07	0.04
29	47	39			43	26	92	37	35	0.04	0.42
30	51	43			42	43	92	92	71	0.06	0.16
31	46	32			30	32	90	81	96	0.07	0.82
Tot:										2.63	2.35
Ave:									64		

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	38	30			28	26	89	64	93	0.10	-
2	37	24			25	27	100	72	127	0.04	-
3	36	21			22	24	100	70	89	0.07	-
4	33	21			19	24	86	78	83	0.06	-
5	31	21			22	25	100	71	90	0.07	-
6	34	19			20	24	100	56	74	0.05	-
7	39	20			16	22	73	45	47	0.08	-
8	42	22			19	33	75	49	52	0.09	-
9	51	25			22	29	68	34	31	0.11	-
10	60	31			25	34	57	54	49	0.12	-
11	54	21			19	20	86	87	127	0.08	0.02
12	33	15			12	15	83	63	170	0.03	-
13	28	15			18	17	86	45	99	0.05	-
14	37	21			20	17	76	41	65	0.08	-
15	42	21			23	14	100	29	46	0.08	-
16	46	23			22	26	61	41	41	0.12	-
17	49	27			24	25	78	34	63	0.12	-
18	53	27			26	29	79	34	50	0.11	-
19	58	32			30	41	74	48	47	0.15	-
20	63	38			35	43	69	64	70	0.17	-
21	59	41			35	43	76	79	131	0.12	0.16
22	52	34			32	28	81	73	97	0.08	0.31
23	41	22			18	24	74	78	136	0.11	-
24	32	16			14	25	84	89	102	0.08	-
25	29	17			17	22	85	61	123	0.06	-
26	34	17			18	22	86	45	102	0.10	-
27	42	21			22	16	77	33	58	0.12	-
28	43	23			21	17	76	34	61	0.14	-
29	44	22			25	32	89	42	73	0.08	-
Tot:										2.67	0.49
Ave:									83		

KILLI KOTWAL

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain inches
1	55	26			22	18	61	21	43	0.07	-
2	58	33			25	5	57	13	54	0.14	-
3	64	39							128	0.19	-
4	54	32			33	33	90	69	77	0.10	0.79
5	45	33			31	43	81	74	87	0.08	0.03
6	52	36			32	38	62	43	48	0.04	-
7	63	43			39	45	78	86	72	0.19	-
8	52	40			37	32	84	42	42	0.13	0.07
9	56	36			33	45	69	69	63	0.21	-
10	63	41			39	51	84	72	107	0.20	0.50
11	60	42			43	44	74	80	94	0.06	0.12
12	56	37			35	35	83	59	112	0.10	0.33
13	49	32			28	42	73	49	80	0.10	-
14	62	35			30	41	51	45	50	0.12	-
15	65	46			42	42	73	52	45	0.19	-
16	60	44			42	23	79	30	41	0.12	-
17	59	41			38	42	77	52	64	0.16	-
18	62	41			47	46	86	86	50	0.19	0.10
19	57	47			45	47	80	55	100	0.01	0.54
20	65	42			41	43	79	46	77	0.15	-
21	64	42			41	40	73	39	46	0.19	-
22	67	45			44	41	85	40	51	0.18	-
23	70	47			45	59	75	79	46	0.24	-
24	66	51			45	57	69	74	51	0.23	-
25	67	51			42	41	55	28	61	0.25	-
26	77	53			43	37	60	27	93	0.31	-
27	75	51			37	47	42	34	97	0.34	-
28	77	52			43	33	64	25	97	0.43	-
29	73	41			27	20	38	21	106	0.37	-
30	63	39			17	52	34	61	69	0.40	-
31	66	38			34	34	54	31	84	0.32	-
Tot:										5.81	2.48
Ave:	62	41							72		

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	68	42			29	32	43	23	62	0.26	-
2	73	44			34	26	50	16	59	0.34	-
3	76	50			34	47	37	58	52	0.32	-
4	67	47			45	37	80	39	115	0.17	0.21
5	63	42			42	50	73	47	99	0.27	-
6	72	50			35	45	41	39	58	0.31	-
7	71	48			39	35	53	27	101	0.41	-
8	70	46			32	31	42	27	68	0.34	-
9	67	45			38	29	53	23	68	0.37	-
10	71	44			31	30	37	21	73	0.37	-
11	73	48			41	39	63	28	63	0.36	-
12	75	48			39	61	53	58	56	0.36	-
13	78	49			34	47	37	29	66	0.33	-
14	82	59			42	55	38	59	50	0.43	-
15	79	55			[illegible]	51	71	64	66	0.29	0.06
16	75	50			[illegible]	46	76	51	18	0.28	0.71
17	67	48			34	35	46	29	121	0.23	-
18	69	46			44	35	69	29	54	0.33	-
19	69	47			38	38	53	29	73	0.37	-
20	72	51			41	46	54	35	63	0.36	-
21	76	54			41	35	51	29	43	0.34	-
22	70	58			46	47	57	48	99	0.35	-
23	68	51			47	46	70	43	91	0.29	-
24	72	54			52	51	82	68	60	0.09	-
25	70	51			51	58	82	57	42	0.12	-
26	76	56			54	53	78	83	68	0.24	0.02
27	72	51			49	49	81	71	59	0.20	0.31
28	64	46			38	39	46	34	54	0.17	0.23
29	69	50			49	32	71	21	63	0.31	-
30	78	51			42	48	49	35	55	0.35	-
Tot:										8.96	1.54
Ave:	72	49							67		

KILLI KOTWAL

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	78	53			46	35	54	21	33	0.36	-
2	80	57								0.46	-
3	81	58			41	43	42	29		0.49	-
4	81	62			49	47	55	36		0.49	-
5	79	54			47	51	58	42	117	0.17*	0.71
6	75	58			51	55	64	49	109	0.47	0.04
7	76	57			47	53	55	46	73	0.32	-
8	77	60			46	48	51	35	145	0.45	-
9	81	59			51	51	60	36	70	0.47	-
10	82	62			54	47	62	28	45	0.39	-
11	86	62			51	43	57	27	70	0.49	-
12	84	65			50	51	45	36	93	0.49	-
13	85	58			48	13	52	8	113	0.49	-
14	79	56			45	31	50	19	77	0.51	-
15	80	60			38	42	29	26	57	0.43	-
16	82	58			27	39	56	23	117	0.52	-
17	82	57			44	43	37	24	72	0.49	-
18	84	61			48	39	47	20	73	0.50	-
19	86	62			52	41	45	21	117	0.56	-
20	88	62			54	49	47	25	121	0.58	-
21	91	62			55	49	49	25	83	0.63	-
22	93	66			45	40	37	24	108	0.67	-
23	82	57			47	42	55	30	113	0.64	-
24	76	55			25	37	19	27	82	0.48	-
25	74	51			34	34	35	23	108	0.57	-
26	76	50			41	37	45	22	77	0.48	-
27	80	51			44	58	47	49	84	0.50	-
28	81	54			46	45	57	25	73	0.52	-
29	85	57			48	42	52	23	58	0.49	-
30	87	58			48	47	47	23	55	0.49	-
31	90	65			48	39	35	32	66	0.56	-
Tot:										15.16	0.75
Ave:	82	58							82		

* Estimated evaporation.

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	93	70			49	42	39	25	66	0.57	-
2	89	60			55	49	56	28	76	0.47	-
3	88	63			49	49	41	28	67	0.49	-
4	89	63			40	43	30	23	73	0.51	-
5	86	63			41	43	33	23	96	0.65	-
6	85	61			47	42	38	23	76	0.55	-
7	86	63			44	33	35	16	103	0.62	-
8	85	61			49	43	44	23	144	0.75	-
9	85	60			53	47	52	25	103	0.71	-
10	88	61			47	53	43	28	63	0.53	-
11	92	66			60	45	52	19	75	0.62	-
12	93	65			54	57	42	30	104	0.65	-
13	93	65			57	50	53	24	62	0.60	-
14	95	67			47	37	29	14	85	0.61	-
15	94	65			44	43	31	17	112	0.71	-
16	95	66			52	50	35	20	100	0.68	-
17	98	69			55	53	43	22	65	0.69	-
18	98	71			57	40	44	16	101	0.70	-
19	95	64			51	44	42	20	122	0.69	-
20	91	64			67	43	81	17	87	0.72	-
21	94	65			57	60	53	30	63	0.61	-
22	97	70			64	61	54	34	58	0.54	-
23	97	72			55	65	39	32	70	0.63	-
24	100	72			58	64	45	33	70	0.62	-
25	99	74			64	52	57	21	68	0.58	-
26	100	75			64	64	57	59	77	0.59	-
27	96	62			62	60	55	67	84	0.33*	0.77
28	93	68			65	61	77	43	64	0.34	0.11
29	88	68			65	52	73	25	88	0.41	-
30	93	71			61	62	58	33	77	0.51	-
Tot:										17.68	0.88
Ave:	92	66							83		

* Estimated evaporation.

KILLI KOTWAL

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan WATER Max	Pan WATER Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	95	74			66	60	70	43	75	0.52	-
2	89	67			63	64	59	69	96	0.61	0.57
3	92	71			66	69	70	51	63	0.52	0.59
4	93	72			67	55	66	26	67	0.39	-
5	95	73			64	41	57	16	71	0.58	-
6	95	71			58	39	54	17	127	0.72	-
7	92	69			64	62	65	38	117	0.58	-
8	92	70			64	57	65	30	89	0.49	-
9	93	70			64	54	69	25	85	0.49	-
10	96	73			64	45	59	18	84	0.59	-
11	97	71			65	47	60	22	71	0.58	-
12	94	71			41	42	29	19	85	0.70	-
13	91	65			41	35	29	13	78	0.62	-
14	92	67			33	39	20	15	63	0.57	-
15	94	65			51	47	42	20	67	0.62	-
16	94	68			45	45	32	19	66	0.59	-
17	93	69			48	29	41	11	67	0.62	-
18	92	66			43	48	32	27	72	0.58	-
19	88	62			47	53	40	28	72	0.57	-
20	92	69			58	50	54	24	45	0.51	-
21	93	70			58	62	54	33	78	0.53	-
22	95	67			60	43	52	17	56	0.53	-
23	96	70			61	49	53	21	64	0.58	-
24	96	70			57	51	48	23	64	0.56	-
25	95	71			51	52	46	25	64	0.59	-
26	93	69			57	47	53	23	74	0.62	-
27	91	65			50	47	39	23	52	0.62	-
28	92	67			49	43	35	19	38	0.64	-
29	92	66			36	47	25	23	38	0.55	-
30	92	66			39	48	27	24	95	0.59	-
31	89	65			45	35	37	15	82	0.65	-
Tot:										17.91	1.16
Ave:	93	69							73		

KILLI KOTWAL

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	91	69			59	64	57	36	78	0.54	-
2	95	70			67	53	73	24	91	0.54	-
3	96	69			60	54	47	25	63	0.55	-
4	97	71			59	59	45	29	63	0.60	-
5	97	69			51	64	36	38	70	0.64	-
6	95	70			59	63	57	38	66	0.61	-
7	95	70			55	51	47	26	59	0.61	-
8	93	69			49	59	37	37	60	0.54	-
9	91	66			52	49	45	26	60	0.52	-
10	90	65			55	52	56	27	60	0.55	-
11	90	64			52	59	51	39	65	0.53	-
12	91	63			51	50	48	27	72	0.57	-
13	89	61			52	57	45	33	66	0.58	-
14	91	64			44	49	29	23	56	0.53	-
15	91	66			61	44	72	20	58	0.49	-
16	91	65			55	59	56	32	66	0.50	-
17	93	63			56	61	53	36	62	0.54	-
18	92	66			56	49	53	23	60	0.53	-
19	94	69			61	57	61	31	63	0.49	-
20	92	67			61	47	68	22	96	0.49	-
21	92	67			63	46	72	21	83	0.49	-
22	92	66			55	49	52	28	73	0.52	-
23	90	62			51	49	54	29	77	0.62	-
24	87	62			53	42	52	23	78	0.57	-
25	85	59			46	55	45	43	120	0.65	-
26					38	37	33	60	102	0.61	-
27	77	52			38	41	43		70	0.52	-
28	79	51			46	47	54	34	68	0.51	-
29	79	51			47	63	55	56	56	0.40	-
30	81	54			41	42	42	25	73	0.42	-
31	81	53			47	47	62	28	65	0.46	-
Tot:										16.72	0.00
Ave:									71		

KILLI KOTWAL

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	85	55			46	57	54	35	56	0.45	-
2	89	57			46	49	51	28	51	0.47	-
3	88	60			47	47	46	23	61	0.49	-
4	90	61			45	39	47	17	65	0.50	-
5	91	59			48	41	49	18	58	0.49	-
6	91	60			49	39	53	17	61	0.49	-
7	92	59			44	41	44	18	54	0.47	-
8	91	60			48	52	49	27	55	0.51	-
9	91	62			48	39	41	17	60	0.47	-
10	91	62			53	43	55	21	58	0.45	-
11	91	66			59	44	64	20	68	0.44	-
12	90	65			57	52	60	27	76	0.50	-
13	91	61			53	46	58	21	49	0.44	-
14	91	63			57	37	60	16	65	0.47	-
15	92	63			47	47	43	23	70	0.53	-
16	91	62			49	53	41	31	90	0.59	-
17	90	60			44	47	44	28	79	0.54	-
18	84	56			40	39	44	28	73	0.49	-
19	75	50			37	29	56	26	162	0.43	-
20	82	45			33	34	49	31	97	0.48	-
21	67	44			44	38	64	31	85	0.45	-
22	77	47			35	43	47	32	68	0.40	-
23	80	44			37	39	52	28	59	0.41	-
24	77	48			45	49	63	33	56	0.37	-
25	90	52			38	49	46	33	73	0.40	-
26	82	51			46	47	54	29	66	0.48	-
27	90	51			45	47	61	29	58	0.42	-
28	85	52			52	43	73	32	58	0.44	-
29	80	52			41	39	58	23	61	0.36	-
30	80	51			37	32	48	17	54	0.39	-
Tot:										13.82	0.00
Ave:	86	56							68		

KILLI KOTWAL

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1					27	25	26	73	50	0.36	-
2	86	62			32	43	32	29	48	0.39	-
3	80	61			35		36		61	0.40	-
4	80	62			48	45	59	42	52	0.37	-
5	92	58			47	44	65	47	149	0.40	-
6	72	57			45	46	47	51	32	0.29	-
7	78	60			51	49	72	67	19	0.31	-
8					7	47	9	55	46	0.42	-
9	68	60			37	51	42	72	56	0.38	-
10	77	50			44	49	47	67	46	0.30	-
11	77	52			49	46	63	51	57	0.37	-
12	77	52			49	45	63	57	46	0.39	-
13	74	50			40	46	41	51	18	0.35	-
14	75	47			49	44	67	47	124	0.40	-
15					44	51	47	72	10	0.30	-
16	75	64				51		72	96	0.43	-
17					3	45	7	57	40	0.40	-
18	77	60			51	46	60	51	36	0.32	-
19	72	50			20	57	21	74	50	0.39	-
20	75	60			48	60	59	106	55	0.34	-
21	72	44			39	47	57	75	35	0.34	-
22	75	50			51	49	72	67	40	0.30	-
23	77	58			51	33	72	36	39	0.35	-
24	77	60			31	37	31	27	66	0.34	-
25	76	60			40	40	47	47	40	0.35	-
26	76	60			40	44	47	47	70	0.38	-
27	72	50			45	46	50	51	60	0.38	-
28	70	54			51	46	72	51	57	0.36	-
29	73	54			49	49	63	63	46	0.29	-
30	73	52			42	47	49	55	45	0.31	-
31	75	55			44	39	47	40	27	0.30	-
Tot:										11.01	0.00
Ave:									52		

KILLI KOTWAL

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	50			63	49	95	59	40	0.34	-
2	74	54			43	34	41	37	35	0.32	-
3	70	57			49	49	63	63	51	0.30	-
4	72	56			51	51	72	72	26	0.34	-
5					37	41	42	58	31	0.30	-
6	71	50			42	46	38	51	41	0.35	-
7	75	60			47	45	55	57	49	0.39	-
8											-
9											-
10	75	54			43	37	41	35	108+	0.60+	-
11	77	54			41	49	37	67	41	0.37	-
12	74	59			49	41	67	35	84	0.20	-
13	72	60			39	44	38	44	78	0.22	-
14	70	60			49	43	63	43	82	0.23	-
15	70	59			51	43	72	46	70	0.22	-
16	68	58			48	47	66	55	70	0.23	-
17	66	56			49	48	67	59	90	0.22	-
18	65	56			43	39	60	34	94	0.21	-
19					51	53	77	78	106	0.22	-
20	65	52			51	49	77	63	210	0.24	-
21	67	50			51	51	82	72	140	0.35	0.10
22	66	49			44	45	74	57	65	0.17	0.17
23	66	42				51		68	145	0.22	-
24	65	50			46	51	80	72	30	0.20	-
25	64	49			49	51	67	72	85	0.19	-
26	63	48			27	23	33	23	55	0.18	-
27	62	48			39	53	67	83	70	0.17	-
28	60	46			38	19	66	23	85	0.19	-
29	58	45			30	29	51	36	68	0.16	-
30	59	45			37	25	71	29	34	0.15	-
Tot:										7.28	0.27
Ave:									69		

+ 3 days observation.

KILLI KOTWAL

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	59	44			33	25	63	31	37	0.13	-
2	57	42			33	32	63	42	37	0.13	-
3	56	41			32	39	62	67	49	0.12	-
4	55	40			35	35	69	55	60	0.10	-
5	56	41			33		63		35	0.11	-
6	54	42			40	39	84	67	44	0.12	-
7	55	40			35	39	69	67	24	0.28	0.28
8	53	41			32	37	57	65	26	0.11	-
9	52	39			37	34	84	58	29	0.11	-
10	50	36			35	38	83	77	32	0.10	-
11	50	38			36	34	83	63	61	0.09	-
12	49	39			36	38	76	77	34	0.10	-
13	51	40			36	41	70	79	31	0.10	-
14	52	41			35	39	69	78	38	0.11	-
15	50	40			33	38	63	77	41	0.09	-
16	49	41			33	37	69	77	27	0.10	-
17	48	39			37	40	84	84	47	0.09	-
18	47	38			38	39	91	84	34	0.10	-
19	46	35			39	40	91	84	14	0.10	-
20	47	37			38	40	91	92	44	0.09	-
21	45	35			39	38	91	77	32	0.08	-
22	46	36			33	35	75	69	42	0.08	-
23	44	34			30	34	66	75	39	0.07	-
24	45	38			27	29	58	55	27	0.08	-
25	44	37				32		62	14	0.10	-
26	46	39			32	40	57	84	55	0.10	-
27	49	39			36	38	76	77	51	0.11	-
28	45	39			32	29	62	55	89	0.13	-
29	50	40			33	38	63	77	36	0.14	-
30	49	39			36	38	76	77	14	0.12	-
31	50	36			35	38	83	77	85	0.09	-
Tot:										3.38	0.28
Ave:	50	39							40		

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KOHAT - 1972

Location	Latitude 33°35', Longitude 71°27', in the premises of Government college Kohat upto 24th of October 1965 and then shifted to Meri village near Janana Demolocha Textile Mill Kohat.
Elevation	1,650 ±ft.msl.
Period of record	Reinfall data September 1960 to date. Other data from September 1961. Station established by Surface Water Hydrology Project, WAPDA.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation, Pan. Anemometer.
Annual figures	Precipitation 23.47 inches Evaporation (Pan) 88.87 inches Absolute maximum air temperature 116°F Absolute minimum air temperature 34°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures, and wind travel are taken at 0800 hours and stand for 24 hour period proceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

KOHAT

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	42			31	27	61	26	10	0.08	-
2	73	42			25	37	43	37	30	0.15	-
3	71	41			26	34	53	35	13	0.12	-
4	72	42			27	38	54	43	13	0.13	-
5	72	42			22	27	45	28	22	0.12	-
6	72	40			22	38	49	46	22	0.12	-
7	62	37			23	31	55	31	19	0.12	-
8	68	37			23	32	55	36	18	0.12	-
9	68	37			21	35	44	36	15	0.12	-
10	68	38			22	41	45	48	15	0.11	-
11	68	40			23	41	51	45	13	0.12	-
12	68	40			25	35	52	38	28	0.12	-
13					30	45	51	93	5	0.13	-
14	56	41			36	37	83	42	19	0.01*	0.06
15					34	47	63	65	30	0.13	-
16	63	44			36	49	70	71	8	0.10	-
17	62	45			36	35	70	36	15	0.09	-
18					37	38	60	46	21	0.12	-
19	68	48			44	48	74	63	54	0.13	-
20	79	48			50	51	93	100	14	0.05	0.04
21	53	48			50	48	100	87		0.04	0.46
22	52	41			49	35	100	54	5+	0.03	0.40
23	54	40			36	35	70	47	20	0.10	-
24	62	45			36	45	70	61	30	0.05	-
25	62	45			38	42	77	63	15	0.09	-
26	56	41			36	47	64	62	12	0.10	-
27										0.10*	-
28										0.10*	-
29										0.10*	-
30	64	45			45	52	92	94	100+	0.10	0.08
31	63	44			46	52	93	94	23	0.05	0.70
Tot:										3.05	1.74
Ave:									19		

\+ 2 days observation.

* Estimated evaporation.

KOHAT

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	65	45			43	52	92	82	20	0.05	0.06
2	66	42			40	53	84	94	12	0.07	-
3	66	40			38	52	91	87	18	0.10	-
4	65	40			44	34	92	54	49	0.12	-
5	66	38			33	34	82	46	39	0.12	-
6	54	37			35	43	91	64	24	0.11	-
7	58	37			29	32	66	34	18	0.10	-
8	62	38			27	31	58	31	25	0 12	-
9	64	37			31	25	61	27	23	0.14	-
10	64	38			36	27	70	30	23	0.15	-
11					34	46	46	86	45	0.14	-
12	62	38			38	35	91	59	62	0.03	1.80
13	50	39			35		91		63	0.07	-
14					33	30	90	56	35	0.05*	2.00
15	54	34			33	31	90	48	43	0.10	-
16					32	32	81	45	36	0.12	-
17	57	37			27	25	65	29	37	0.11	-
18	61	38			31	31	67	35	24	0.13	-
19	62	38			32	39	62	40	34	0.14	-
20	66	44			32	43	57	43	20	0.16	-
21	68	46			42	47	59	70	16	0.12	-
22	68	48			46	47	80	81	85	0.10	-
23	54	48			44	43	85	60	46	0.06	0.17
24	61	43			27	34	54	46	23	0.10	-
25	62	40			31	19	67	25	53	0.14	-
26	62	39			25	29	52	40	30	0.14	-
27	62	39			25	23	52	22	33	0.17	-
28	65	39			27	33	54	30	29	0.19	-
29	66	39			30	27	51	25	22	0.19	-
Tots										3.34	4.03
Aves									34		

KOHAT

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	67	40			28	35	45	27	22	0.18	-
2	70	39			28	25	42	19	22	0.20	-
3	73	50			37	27	48	20	24	0.20	-
4	74	56			49	48	76	63	24	0.18	0.08
5	74	51			48	55	87	74	41	0.11	-
6	65	52			46	47	75	48	18	0.11	-
7	69	52			45	40	75	44	24	0.16	-
8	64	51			48	52	93	77	22	0.13	0.53
9	63	50			47	46	86	51	16	0.11	-
10	65	51			42	48	63	63	37	0.17	-
11	65	53			49	48	87	66	32	0.07	-
12	63	53			54	55	100	88	45	0.06	0.12
13	58	49			46	42	80	40	39	0.09	0.48
14	67	52			51	39	77	34	43	0.18	-
15	70	57			47	42	70	40	34	0.16	-
16	70	53			47	45	75	37	28	0.14	-
17	74	54			47	40	70	30	18	0.17	-
18	73	54			44	54	61	62	34	0.23	-
19	73	58			51	51	77	68	53	0.20	-
20	62	55			50	50	76	47	46	0.19	-
21	74	57			49	43	71	32	26	0.21	-
22	75	57			47	47	62	33	25	0.22	-
23	80	60			46	50	54	31	25	0.23	-
24	85	65			49	51	55	33	22	0.25	-
25	85	65			53	41	61	23	25	0.27	-
26	85	65			57	51	66	42	43	0.30	0.15
27	84	57			56	55	79	49	55	0.23	0.16
28					56	49	66	41	52	0.17	-
29	80	59			57	47	83	36	42	0.05	0.02
30	76	57			52	61	64	55	37	0.12*	-
31	79	60			47	56	55	45	27	0.20	-
Tot:										5.29	1.57
Ave:									32		

* Estimated evaporation.

KOHAT

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	59			46	55	54	45	25	0.25	-
2	80	63			48	56	59	45	37	0.26	-
3	83	63			55	49	74	41	25	0.23	-
4	78	63			53	57	73	41	17	0.23	0.03
5	84	57			53	53	73	52	22	0.19	0.22
6					59	46	75	35	71	0.15	-
7	83	53			59	53	84	48	25	0.19	0.15
8	82	52			54	39	69	36	43	0.24	-
9	74	56			47	47	62	34	60	0.25	-
10	78	53			48	53	59	41	26	0.27	-
11	79	61			53	55	69	37	14	0.24	-
12	84	63			53	49	61	26	17	0.26	-
13	88	64			51	53	54	29	16	0.28	-
14	90	67			53	49	55	28	16	0.30	-
15	92	66			53	55	52	56	41	0.35	-
16	76	62			59	55	79	52	61	0.22	0.12
17	78	62			58	58	83	54	37	0.31	0.39
18	82	62			58	60	74	58	17	0.21	-
19	78	59			55	57	69	53	14	0.21	-
20	78	59			55	58	78	57	8	0.15	0.07
21	78	60			54	48	73	35	15	0.18	-
22	87	60			52	47	57	25	21	0.26	-
23	89	62			50	51	47	29	15	0.28	-
24	89	64			53	49	48	25	15	0.31	-
25	91	66			49	53	41	27	18	0.33	-
26	94	65			53	57	46	38	11	0.35	-
27	90	70			57	56	60	53	20	0.26	-
28	79	63			62	57	84	63	66	0.15*	0.90
29	73	61			57	56	70	41	42	0.20	-
30	82	62			56	47	59	36	14	0.27	-
Tot:										7.38	1.88
Ave:									28		

* Estimated evaporation.

KOHAT

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	85	60			54	57	73	48	22	0.28	-
2	82	63			53	56	58	34	21	0.20	-
3	88	65			54	54	55	35	21	0.32	-
4	88	70			55	59	56	45	13	0.30	-
5	83	63			59	55	79	45	19	0.19	0.15
6	83	62			58	51	79	40	70	0.23	0.08
7	79	63			59	57	67	39	50	0.29	0.34
8	86	66			59	56	57	41	25	0.25	-
9	85	72			57	52	56	34	32	0.31	-
10	86	72			59	56	54	34	41	0.36	-
11	90	73			61	67	55	42	30	0.34	-
12	96	76			61	72	48	43	15	0.36	-
13	101	77			51	51	36	31	86	0.51	-
14	88	68			51	50	36	27	101	0.45	0.04
15	89	71			56	53	45	23	43	0.40	-
16	98	79			55	53	40	27	29	0.45	-
17	93	73			56	52	41	23	48	0.49	-
18	98	74			57	43	39	17	37	0.47	-
19	99	72			30	48	11	16	49	0.60	-
20	103	75			53	53	32	19	36	0.55	-
21	105	80			57	53	36	20	22	0.50	-
22	105	83			55		39		77	0.57	-
23	97	79			54	56	38	28	47	0.15*	0.80
24	95	75			63	57	51	35	18	0.32	-
25	92	75			62	37	53	14	30	0.34	-
26	94	71			39	30	20	11	28	0.45	-
27	92	70			41	37	23	14	31	0.46	-
28	93	66			40	39	24	15	33	0.47	-
29	95	67			43	46	27	17	28	0.47	-
30	99	67			46	48	27	18	23	0.46	-
31	101	77			48	54	27	20	17	0.50	-
Tot:										12.04	1.41
Ave:	93	71							37		

* Estimated Evaporation.

KOHAT

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	79			57	52	36	19	11	0.50	-
2	106	87			58	57	33	30	27	0.51	-
3	106	81			63	60	48	43	42	0.53	-
4	101	76			62	62	50	46	27	0.39	0.09
5	95	69			59	59	51	32	18	0.33	-
6	96	69			57	35	44	15	8	0.32	-
7	96	71			54	54	38	25	15	0.38	-
8	100	72			52	48	34	18	10	0.40	-
9	102	71			51	54	31	20	19	0.46	-
10	103	71			59	53	37	19	7	0.43	-
11	105	81			57	54	33	18	12	0.47	-
12	108	79			53	52	29	17	23	0.53	-
13	107	83			53	50	24	18	18	0.51	-
14	107	82			62	45	43	13	53	0.54	0.03
15	108	79			55	50	29	15	16	0.52	-
16	110	84			53		27		26	0.60	-
17	112	84			59	45	31	11	17	0.60	-
18	113	83			59	49	29	15	18	0.58	-
19	109	80			52	49	25	15	23	0.55	-
20	110	80			59	59	37	25	34	0.60	-
21	104	89			61	57	31	26	10	0.58	-
22	105	86			63	63	38	29	17	0.41	-
23	103	85			65	63	42	27	9	0.42	-
24	106	88			65	59	39	22	8	0.45	-
25	107	90			68	48	45	19	22	0.50	-
26	104	73			70	70	74	74	23	0.47	0.34
27	96	77			71	65	65	33	18	0.27	-
28	99	83			77	63	67	48	18	0.40	-
29	92	76			66	60	55	26	52	0.40	-
30	102	76			67	61	66	36	19	0.38	-
Tot:										14.03	0.46
Ave:	104	79							21		

KOHAT

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Move Ment Miles	Evapor -ation Inches	Rain Inches
1	101	76			68	66	58	32	45	0.36	-
2	101	83			68	67	47	28	12	0.39	-
3	108	83			67	68	44	45	13	0.51	-
4	106	82			68	66	53	40	14	0.40	-
5	106	72			69	71	86	62	25	0.43	0.98
6	99	72			63	63	51	37	18	0.24	-
7	93	78			61	60	46	28	10	0.29	-
8	98	78			64	66	49	37	7	0.34	-
9	98	78			71	70	68	47	25	0.42	-
10	94	79			72	72	65	46	22	0.38	-
11	99	83			71	69	57	53		0.42	-
12	95	78			72	65	71	42	30+	0.30	-
13	94	82			73	70	66	38	14	0.38	-
14	100	84			72	63	57	30	12	0.40	-
15	105	86			69	68	49	31	13	0.47	-
16	108	85			70	62	51	28	21	0.48	-
17	108	88			72	67	53	48	13	0.46	-
18	98	77			70	67	68	55	46	0.48	0.10
19	97	75			73	63	79	65	25	0.38	0.42
20	96	70			67	59	63	32	27	0.38	0.26
21	98	79			69	69	59	35	16	0.33	-
22	103	84			66	66	48	29	14	0.42	-
23	106	84			70	69	51	59	13	0.45	-
24	103	80			71	60	62	32	17	0.32	-
25	103	80			70	60	54	30	18	0.50	-
26	102	83			71	65	59	32	17	0.43	-
27	102	80			63	57	47	21	15	0.36	-
28	105	84			73	61	68	25	9	0.52	-
29	106	81			71	60	50	26	13	0.50	-
30	104	73			69		78		39	0.49	0.53
31					68	63	58	30	28	0.40	-
Total:									19	12.65	2.29

+ 2 days Observation.

KOHAT

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	82			71	67	62	33	7	0.33	-
2	102	84			68	69	56	33	9	0.36	-
3					70	65	51	27	10	0.40	-
4	108	88			72	69	53	33	6	0.44	-
5	107	86			73	70	53	34	7	0.45	-
6	105	87			70	72	51	100	14	0.40	-
7	96	72			74	67	83	95	22	0.10 *	2.83
8	92	68			73	63	83	44	20	0.12 *	1.93
9	92	77			72	61	79	46	9	0.21	-
10	93	74			65	66	63	35	18	0.31	-
11	98	79			68	56	61	28	7	0.30	-
12	100	79			71	71	65	44	9	0.32	-
13	100	82			71	65	65	43	9	0.31	-
14	95	75			69	70	82	65	16	0.30	-
15	88	75			70	68	71	43	6	0.24	-
16	94	78			65	66	57	37	7	0.32	-
17	98	81			72	66	62	35	6	0.32	-
18	98	78			71	70	75	45	17	0.30	-
19	95	78			73	69	72	61	6	0.30	-
20	92	77			68	68	61	45	14	0.27	-
21	96	76			69	62	64	50	13	0.30	-
22	98	76			64	64	57	34	23	0.34	-
23	116	84			68	65	56	60	18	0.34	-
24	112	84			69	67	78	44	21	0.21	0.25
25	110	82			68	66	74	46	27	0.35	0.15
26	108	88			67	68	77	43	4	0.21	-
27	110	75			62	67	53	34	9	0.32	-
28	106	77			70	57	68	29	5	0.30	-
29	114	80			73	69	79	53	8	0.32	-
30	108	78			73	68	75	43	15	0.28	-
31	110	80			72	62	98	31	7	0.27	-
Tot:										9.34	5.16
Ave:									12		

* Estimated evaporation.

KOHAT

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	104	78			71	63	71	33	14	0.35	-
2	106	68			63	59	59	27	7	0.36	-
3	102	78			63	62	51	28	11	0.34	-
4	103	78			60	65	47	31	8	0.38	-
5	104	78			65	62	54	28	4	0.31	-
6	103	79			64	60	51	30	3	0.34	-
7	101	80			67	66	58	37	4	0.30	-
8	100	79			68	65	61	36	4	0.29	-
9	100	80			69	69	74	41	16	0.33	-
10	100	79			64	71	44	59	9	0.30	-
11	93	78			76	67	87	55	22	0.20	-
12	91	72			61	67	55	41	24	0.27	-
13	96	78			69	71	67	44	9	0.32	-
14	99	78			68	66	64	37	7	0.30	-
15	100	79			69	65	64	38	14	0.35	-
16	100	80			70	65	65	39	10	0.31	-
17	96	73			65	62	73	46	22	0.33	0.04
18	90	72			65	63	69	72	8	0.23	-
19	83	64			58	59	79	71	21	0.24	0.67
20	70	62			57	59	74	54	37	0.13	0.46
21	80	61			53	48	68	35	21	0.20	-
22	83	61			51	49	60	29	14	0.24	-
23	86	63			47	43	48	22	16	0.24	-
24	90	65			44	40	39	19	15	0.29	-
25	93	65			41	47	33	20	21	0.33	-
26	96	66			51	53	26	27	16	0.32	-
27	96	67				61		46	6	0.30	-
28					47	57	46	35	8	0.25	-
29	94	68			52	58	51	37	8	0.31	-
30	92	69			51	57	54	35	10	0.27	-
Tot:										8.73	1.17
Ave:	95	72							13		

KOHAT

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	90	69			51	57	57	33	10	0.27	-
2					49	61	53	43	10	0.30	-
3	93	67			49	51	41	40	33	0.28	-
4	93	65			57	54	79	38	26	0.20	-
5	90	66			53	52	52	30	9	0.26	-
6	89	67			50	50	47	31	13	0.27	-
7	90	64			54	59	62	42	14	0.26	-
8	87	66			53	59	58	41	14	0.23	-
9	90	67			55	54	59	33		0.20	-
10	90	68			53	52	52	30	8	0.23	-
11	91	68			50	50	47	27	6	0.27	-
12	94	69			46	47	43	23	12	0.29	-
13	93	68			46	53	43	28	13	0.28	-
14	92	66			42	54	36	33	18	0.27	-
15	93	67			45	52	39	30	9	0.26	-
16	92	67			45	54	33	38	16	0.30	-
17	90	67			45	42	42	30	27	0.32	-
18	89	59			56	42	94	40	20	0.32	0.70
19	67	57			55	52	83	45	7	0.05	0.77
20	79	58			49	52	63	43	13	0.16	-
21	80	62			52	46	64	57	47	0.23	-
22	68	55			49	44	76	39	53	0.13	0.41
23	72	55			49	53	71	48	20	0.16	-
24	88	56			45	52	61	45	21	0.16	-
25	80	57			45	52	57	45	7	0.17	-
26	80	58			42	49	52	37	11	0.16	-
27	82	56			38	47	46	33	13	0.19	-
28	83	56			37	50	45	39	12	0.18	-
29	83	55			39	47	50	38	8	0.18	-
30	82	55			39	51	50	42	10	0.17	-
31	81	57			42	51	52	42	10	0.16	-
Tot:										6.91	1.88
Ave:									16		

KOHAT

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	57			43	53	56	46	6	0.13	-
2	80	57			43	53	56	46	9	0.14	-
3	82	58			40	51	49	40	12	0.16	-
4	81	57			42	49	52	37	11	0.15	-
5	82	57			41	52	51	43	7	0.16	-
6	85	57			40	60	44	75	14	0.18	-
7	84	58			40		47		11	0.20	-
8											-
9											-
10											-
11	82	55			41	48	45	47	40+	0.53+	-
12	72	62				41		33	8	0.18	
13	72	60			31	42	25	36	8	0.17	-
14	72	59			37	43	42	41	6	0.17	-
15	70	58			37	42	42	40		0.16	-
16	74	54			43	43	64	41	13+	0.15	-
17	73	54			43	48	64	47	15	0.15	-
18	80	54			39	48	60	47	7	0.14	-
19	80	55			43	51	53	51	6	0.13	-
20	77	54			49	18	64	13	8	0.12	-
21	77	55			53	11	67	11	8	0.12	-
22	69	54			49	50	94	76	43	0.15	0.33
23	60	52			45	47	87	70	39	0.10	-
24	60	48			45	44	86	61	36	0.05	-
25	62	48			45	51	86	93	21	0.08	-
26	62	46			42	57	79	74	35	0.08	0.22
27	70	46			41	54	79	69	15	0.08	-
28	70	46			43	53	85	68	8	0.09	-
29	70	46			39	51	72	68	9	0.09	-
30	72	47			37	52	65	61	12	0.08	-
Tot:										3.38	0.55
Ave:											

\+ 4 days observation.

\+ 2 days observation.

KOHAT

December 1972

Date	TEMPERATURES Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	72	48			38	50	66	56	3	0.09	-
2	72	49			38	18	61	14	20	0.09	-
3	74	50			38	49	61	53	8	0.09	-
4	72	49			41	48	67	52	10	0.09	-
5	70	49			39	48	67	52	20	0.09	-
6	72	48			38	47	66	55	10	0.09	-
7	70	49			42	47	68	55	9	0.10	-
8	72	51			50	51	87	87	11	0.09	-
9	58	51			47	48	86	93	40	0.08	0.27
10	52	50			47	45	93	75	32	0.03	0.43
11	54	45			42	51	85	68	33	0.01*	0.10
12	66	44			36	49	70	67	8	0.07	-
13	66	44			36	49	70	67	15	0.06	-
14	66	44			38	52	77	73	7	0.06	-
15	66	43			39	51	72	72	3	0.08	-
16	64	47			46	45	86	75	3	0.05	-
17	66	49			46	45	86	69	31	0.06	-
18	58	48			43	51	79	82	20	0.06	-
19	64	49			46	50	86	76	6	0.05	-
20	62	46			43	50	85	76	20	0.06	-
21	61	43			37	51	77	82	12	0.06	-
22	64	44			38	51	77	77	14	0.07	-
23	63	43			36	47	70	70	12	0.07	-
24	59	45			42	46	85	86	17	0.07	-
25	54	42			37	39	77	57	10	0.05	-
26	55	43			43	42	92	85	31	0.11	0.22
27	48	41			37	42	84	73	11	0.04	0.31
28	50	38			34	39	82	57	14	0.07	-
29	56	38			31	39	74	53	36	0.07	-
30	60	38			31	43	74	60	12	0.08	-
31	60	39			30	45	66	65	13	0.08	-
Tot:										2.17	1.33
Ave:	63	45							16		

* Estimated evaporation.

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KOTLA - 1972

Location	Latitude 32°51', Longitude 74°05', in the premises of Civil Rest House, Kotla.
Elevation	1,050 ± ft.msl.
Period of record	Rainfall data since May, 1961, other instruments added on 31.1.1970 by Surface Water Hydrology Project WAPDA.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Wet and dry bulb thermometers.
Annual figures	Precipitation 28.72 inches Evaporation (Pan) incomplete. Absolute Maximum air temperature 117°F Absolute Minimum air temperature 36°F
Remarks	Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

KOTLA

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	41			32	38	61	38			-
2	70	44			35	38	68	38			-
3	70	41			35	35	74	34			-
4	70	40			32	35	66	34			-
5	69	40			28	33	58	33			-
6	68	36			26	35	63	36			-
7	70	38			23	26	49	28			-
8	67	37			30	32	72	34			-
9	69	38			25	26	50	23			-
10	70	39			21	23	42	21			-
11	70	37			24	21	55	19			-
12	69	37			28	18	64	18			-
13	68	36			26	21	63	19			-
14	68	37			28	23	64	21			-
15	70	39			30	35	65	36			-
16	66	40			26	35	42	36			-
17	69	46			36	32	63	29			-
18	72	43			31	37	60	35			-
19	71	44			36	41	63	43			-
20	68	43			29	8	41	9			-
21	63	51			40	48	56	75			-
22	64	47			42	38	78	44			0.97
23	63	45			36	42	63	58			-
24	62	46			39	46	70	60			-
25	63	47			41	47	77	69			-
26	59	47			44		85				-
27											-
28	61	48			45	47	85	65			-
29	64	48			42	48	78	65			-
30	62	49			43	47	78	80			-
31	65	49			41	49	66	80			0.71
Tot:											1.68
Ave:											

KOTLA

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	56	52			50	43	93	63			0.62
2	58	44			36	41	69	49			0.04
3	63	42			37	38	83	44			-
4	62	42				40		48			-
5	63	41			39	37	91	54			-
6	55	41			34	40	68	60			-
7	61	39			28	37	58	46			-
8	62	41			35	35	74	36			-
9	66	42			34	40	68	42			-
10	67	44			33	42	56	50			-
11	65	48			30	40		48			-
12	62	50			42	38	67	51			0.37
13	60	42			30	35	59	62			-
14	54	38			29	30	64	39			0.01
15	59	38			31	34	73	44			-
16	60	39			32	34	73	41			-
17	64	40			32	35	66	39			-
18	64	41			31	35	60	39			-
19	66	43			35	37	68	35			-
20	70	44			38	39	70	34			-
21	75	47			32	16	43	3			-
22	75	52			42	-6	58	5			-
23	73	51			42	28	58	21			-
24	77	53			46	44	69	42			-
25	73	46			31	18	50	18			-
26	69	41			21	18	39	17			-
27	67	42			26	30	42	26			-
28	71	42			30	18	49	14			-
29	72	46			29	18	45	13			-
Tot:											1.04
Ave:	65	44									

KOTLA

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	74	46			27	28	40	19			-
2	75	49			29	31	38	19			-
3	78	54			30	38	33	25			-
4	84	59			30	44	26	55			-
5	73	52			41	35	61	36			0.41
6	64	51			42	43	62	41			-
7	72	53			45	52	63	63			-
8	69	55			45	48	59	75			0.32
9	68	48			35	48	49	47			0.34
10	73	50			42	51	67	81			-
11	67	52			34	48	41	47			-
12	72	56			47	50	65	46			-
13	75	52			42	41	62	31			-
14	75	54			45	47	59	35			-
15	81	59			46	50	56	46			-
16	77	53			46	48	60	38			-
17	81	56			40	40	42	26			-
18	84	56			44	40	51	26			-
19	82	62			50	53	58	45			-
20	80	59			53	52	72	44			0.29
21	80	57			52	49	71	36			-
22	81	56			52	45	67	27			-
23	85	60			52	48	63	28			-
24	88	60			51	53	59	31			-
25	92	62			53	59	53	37			-
26	92	67			55	59	51	37			-
27	91	65			56	57	55	37			-
28	90	67			52	59	50	37			-
29	91	71			53	55	45	39			-
30	90	64			47	50	49	28			-
31	90	62			44	46	42	24			-
Tot:											1.36
Ave:	80	57									

KOTLA

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	89	60			46	44	43	24			-
2	90	57			45	53	38	34			-
3	91	61			50	50	55	31			-
4	91	67			48	54	38	73			-
5	81	58			48	56	53	44			0.16
6	83	59			48	53	53	33			-
7	90	64			46	56	34	36			-
8	89	67			51	57	41	47			0.01
9	87	60			44	51	42	30			-
10	89	61			48	60	47	48			-
11	87	64			43	49	37	26			-
12	89	62			45	55	32	30			-
13	94	63			45	56	32	29			-
24	96	64			48	55	33	28			-
15	96	64			49	46	34	18			-
16	98	69			57	54	49	41			-
17	84	66			57	52	62	53			--
18	80	62			49	48	58	47			-
19	76	59			49	56	61	44			-
20	84	62			46	53	43	47			-
21	77	58			45	49	46	26			0.14
22	91	63			51	47	49	25			-
23	90	65			52	64	42	40			-
24	95	67			53	61	34	35			-
25	97	67			49	73	29	50			-
26	98	68			51	75	30	55			-
27	100	76			59	57	46	30			-
28	100	74			56	56	44	31			0.09
29	98	75			58	58	45	32			-
30	99	76			55	59	39	33			-
Tot:											0.40
Ave:	90	65									

KOTLA

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	76			51	58	35	32			-
2	99	75			47	57	31	33			-
3	97	74			51	48	35	17			0.06
4	101	72			63	44	53	14			-
5	104	73			59	46	37	15			-
6	104	76			55	45	34	15			-
7	99	70			53	40	38	14			0.21
8	100	71			55	41	39	14			-
9	102	73			53	44	34	14			-
10	104	75			57	45	40	14			-
11	105	76			57	45	40	14			-
12	106	76			59	44	41	13			-
13	108	78			60	53	42	20			-
14	101	74			61	45	55	15			-
15	102	76			63	78	53	46			-
16	105	74			43	80	21	48			-
17	106	76			53	40	31	11			-
18	107	77			55	42	34	12			-
19	108	75			57	52	34	16			-
20	110	78			61	48	40	13			-
21	111	76			63	50	43	14			-
22	115	74			59	49	40	17			-
23	104	84			56	48	36	17			-
24	102	83			57	56	34	31			-
25	104	79			62	55	41	24			-
26	104	79			63	53	47	20			-
27	104	70			43	40	25	14			-
28	102	66			48	32	28	10			-
29	103	73			52	67	28	32			-
30	106	75			55	55	34	19			-
31	109	76			55	61	25	22			-
Tot:											0.27
Ave:	104	75									

KOTLA

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	111	78			69	63	42	22			-
2	112	82			73	59	62	22			-
3	111	82			71	53	45	21			-
4	109	75			63	58	58	32			-
5	95	74			55	55	34	24			-
6	102	76			57	48	34	17			-
7	104	76			54	50	32	18			-
8	105	77			57	49	34	17			-
9	107	77			58	53	35	18			-
10	109	76			58	52	35	17			-
11	110	75			61	53	40	17			-
12	111	76			58	52	35	16			--
13	112	80			59	56	31	17			-
14	113	83			61	57	32	18			-
15	115	83			57	58	27	17			-
16	115	84			60	52	29	13			-
17	117	84			59	54	26	14			-
18	117	82			64	55	35	15			-
19	116	93			64	63	32	61			-
20	108	73			63	59	53	25			0.32
21	108	82			63	64	38	26			-
22	107	85			67	69	47	40			-
23	99	78			68	63	45	24			0.23
24	109	85			66	67	43	30			-
25	106	84			73	75	59	57			-
26	103	82			70	74	55	68			0.05
27	88	71			72	70	65	44			2.61
28	98	73			69	68	58	42			-
29	99	81			70	65	53	32			-
30	102	81			67	66	47	31			-
Tot:											3.21
Ave:	107	80									

KOTLA

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	81			67	69	49	32			-
2	106	86			71	72	54	54			-
3	104	76			70	70	61	51			0.15
4	98	73			71	77	74	69			0.84
5	91	76			69	70	77	53			-
6	94	72			68	71	58	51			-
7	93	79			70	71	55	43			-
8	100	75			72	72	65	62			-
9	89	75			71	78	86	87			0.36
10	83	76			77	77	87	79			0.42
11	85	69			69	78	90	91			0.15
12	82	66			67	75	90	63			0.65
13	92	69			77	74	83	52			-
14	96	83			76	77	66	54			-
15	99	83			75	80	65	54			-
16	102	87			61	77	33	47			-
17	103	84			71	74	54	44			-
18	103	82			73	72	57	43			-
19	102	80			70	74	55	46			-
20	100	80			69	71	58	43			-
21	100	81			65	70	44	36			-
22	106	85			74	70	52	36			-
23	105	84			71	72	54	43			-
24	102	82			73	74	59	44			-
25	102	85			77	70	67	51			-
26	103	79			71	71	58	41			-
27	102	83			72	72	54	35			-
28	108	88			77	74	56	37			-
29	108	84			77	76	63	47			-
30	104	84			65	73	46	40			-
31	103	83			73	68	59	35			-
Tot:											2.57
Ave:	99	80									

KOTLA

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	80			65	63	49	30			1.90
2	101	81			67	65	49	32			-
3	102	81			67	64	49	33			-
4	99	80			63	69	46	42			-
5	98	78			67	71	54	49			-
6	94	77			74	77	87	63			0.45
7	92	79			68	73	70	62			1.02
8	91	79			71	71	70	54			0.85
9	94	78			71	71	74	51			0.38
10	95	77			64	70	59	44			-
11	98	78			66	71	56	51			-
12	95	79			73	72	78	54			0.08
13	94	77			72	71	74	54			0.05
14	92	76			72	73	71	71			-
15	85	75			72	77	74	56			0.12
16	97	81			74	75	65	49			-
17	100	68			65	70	65	53			1.78
18	90	69			65	71	65	54			-
19	92	70			67	69	66	50			-
20	92	69			65	70	62	53			-
21	92	70			71	70	78	55			-
22	89	75			69	70	64	44			-
23	99	82			72	67	59	85			-
24	96	71			74	72	86	54			2.98
25	95	71			64	70	72	61			0.20
26	87	74			70	73	67	57			-
27	95	78			78	73	79	57			-
28	95	74			71	76	82	79			0.02
29	86	74			72	75	82	83			0.20
30	87	76			74	78	83	87			0.23
31	92	74			71	75	90	88			0.75
Tot:											11.01
Ave:	94	76									

KOTLA

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	86	71			74	76	78	63			2.08
2	95	79			76	77	75	58			-
3	99	80			77	76	72	58			-
4	100	80			77	75	69	55			-
5	98	79			72	77	65	56			-
6	98	80			73	74	68	52			-
7	98	79			72	74	68	52			-
8	98	80			73	73	71	59			-
9	93	71			68	72	81	68			0.15
10	88	72			64	72	59	62			-
11	89	72			63	70	53	67			0.14
12	85	69			62	74	58	60			0.20
13	94	77			72	74	68	60			-
14	93	68			64	77	76	72			1.31
15	90	72			74	77	87	69			-
16	90	71			68	70	81	61			-
17	88	72			71	69	78	64			-
18	85	69			69	63	86	53			-
19	87	65			60	69	67	60			0.29
20	86	70			67	66	81	56			-
21	89	64			53	59	56	40			-
22	91	66			59	62	66	41			-
23	94	70			63	65	64	44			-
24	97	68			60	61	54	40			-
25	95	66			55	59	43	37			-
26	96	66			57	53	47	30			-
27	97	68			58	57	56	33			-
28	97	67			57	53	49	30			-
29	96	67			60	56	60	32			-
30	96	69			61	54	60	32			-
Tot:											4.37
Ave:	93	72									

KOTLA

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	68			58	58	56	35			-
2	96	66			53	56	45	32			-
3	96	70			52	48	44	27			-
4	90	68			49	59	40	40			-
5	92	67			52	57	44	37			-
6	95	65			52	57	44	37			-
7	96	67			59	60	62	46			-
8	90	66			52	68	44	58			-
9	90	65			56	61	55	42			-
10	94	65			54	55	51	34			-
11	93	66			51	69	47	50			-
12	97	66			55	63	51	41			-
13	99	67			54	67	54	47			-
14	97	67			57	67	55	49			-
15	97	67			57	63	58	43			-
16	96	68			57	65	55	49			-
17	94	66			54	65	54	51			-
18	92	63			54	53	57	45			0.50
19	80	58			48	61	53	49			-
20	90	64			50	51	55	35			-
21	88	65			50	49	48	51			-
22	79	58			47	50	61	39			0.17
23	84	57			47	51	61	39			-
24	85	59			45	53	46	40			-
25	88	55			41	54	43	43			-
26	87	57			41	55	41	49			-
27	89	56			53	58	68	50			-
28	89	58			49	57	61	49			-
29	89	58			46	53	56	45			-
30	85	56			45	53	55	43			-
31	85	55			44	51	55	41			-
Tot:											0.67
Ave:	91	63									

KOTLA

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	85	57			49	53	61	45			-
2	86	55			44	54	55	43			-
3	85	55			45	54	55	43			-
4	87	54			44	51	55	39			-
5	88	54			42	50	50	36			-
6	88	54			41	50	49	39			-
7	89	55			42	51	50	39			-
8	88	54			44	50	55	39			-
9	87	53			41	48	49	38			-
10	87	53			38	48	44	38			-
11	86	52			35	47	39	37			-
12	86	53			38	44	44	33			-
13	85	52			37	43	43	32			-
14	85	51			38	44	47	33			-
15	86	52			37	44	43	33			-
16	96	52			33	45	38	38			-
17	85	53			38	50	44	43			-
18	83	53			38	51	51	47			-
19	83	48			30	50	39	46			-
20	85	50			38	54	55	51			-
21	83	51			41	45	61	40			-
22	78	54			30	45	26	52			-
23	69	56			45	45	59	55			0.04
24	68	55			45	49	63	80			0.29
25	58	53			46	49	74	61			0.61
26	70	51			41	52	61	67			-
27	72	51			41	52	61	63			-
28	71	50			42	53	67	60			-
29	75	50			41	51	61	59			-
30	73	50			43	53	73	64			-
Tot:											0.94
Ave:	81	53									

KOTLA

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	48			39	52	65	63			-
2	75	48			37	52	59	63			-
3	75	48			37	51	59	52			-
4	79	50			43	52	73	53			-
5	78	52			42	51	67	59			-
6	76	48			40	52	65	63			-
7	74	46			31	51	50	62			-
8	69	49			40	51	65	66			-
9	65	51			41	47	57	74			-
10	58	51			42	53	62	82			0.94
11	62	47			40	53	71	76			-
12	65	47			40	53	71	76			-
13	65	45			38	48	70	65			-
14	67	44			35	48	62	65			-
15	67	47			44	50	85	76			-
16	63	48			41	50	66	76			-
17	64	49			41	51	66	76			-
18	65	50			40	53	60	76			-
19	67	50			43	57	73	74			-
20	73	50			46	51	79	62			-
21	70	47			40	52	71	71			-
22	70	46			40	49	71	75			-
23	69	46			37	52	64	71			-
24	66	48			41	52	71	71			0.05
25	66	47			40	53	71	72			0.21
26	67	49			42	52	72	71			-
27	67	48			37	53	59	76			-
28	66	47			39	51	65	76			-
29	66	45			35	46	57	64			-
30	65	43			26	43	42	58			-
31	65	40			25	41	46	53			-
Tot:											1.20
Ave:	68	48									

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LEIAH - 1972

Location	Latitude 30°57', Longitude 70°57', near Canal Colony.
Elevation	490 ± ft. msl.
Period of record	February 1962 to date, observatory established by Surface Water Hydrology WAPDA. Also rainfall station of Pakistan Meteorological Services.
Instruments	5" Non-recording rain gauge. Maximum and Minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan.
Annual figures	Precipitation 4.14 inches Evaporation (Pan) 94.70 inches Absolute maximum air temperature 118°F Absolute minimum air temperature 26°F
Remarks.	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

LEIAH

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	40			39	45	84	52		0.09	-
2	69	34			37	44	91	51		0.08	-
3	74	35			38	44	91	51		0.09	-
4	70	33			35	40	90	42		0.08	-
5	70	31			33	43	90	47		0.10	-
6	73	32			33	40	90	48		0.10	-
7	70	28			33	45	90	63		0.10	-
8	72	29			32	46	90	64		0.10	-
9	70	33			32	44	81	51		0.08	-
10	71	30			35	40	90	42		0.10	-
11	74	32			33	47	81	61		0.11	-
12	71	30			30	47	80	57		0.10	-
13	72	36			40	43	71	67		0.08	-
14	72	35			36	51	82	66		0.06	-
15	68	35			37	45	91	55		0.10	-
16	72	34			38	49	91	61		0.06	-
17	70	37			39	47	77	49		0.07	-
18	73	38			40	52	84	67		0.07	-
19	73	41			36	53	69	72		0.10	-
20	70	46			45	49	79	70		0.10	-
21	65	47			47	50	93	87		0.04	-
22	57	36			38	41	91	57		0.03	0.02
23	63	36			36	46	75	60		0.12	-
24	68	36			35	44	82	51		0.09	-
25	70	39			39	42	77	50		0.09	-
26	67	36			39		91			0.05	-
27										0.08*	-
28										0.09*	-
29	68	35			35	51	74	71		0.11	-
30	64	39			39	51	91	81		0.05	0.02
31	64	40			40	51	91	76		0.07	0.06
Tot:										2.59	0.10
Ave:											

* Estimated evaporation.

LEIAH

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	65	40			40	51	91	76		0.06	0.07
2	66	39			39	45	84	55		0.08	-
3	67	37			37	42	76	50		0.10	-
4	67	35			32	30	66	39		0.12	-
5	59	32			28	28	71	29		0.17	-
6	64	29			30	14	80	19		0.13	-
7	64	28			29	37	80	37		0.11	-
8	69	26			23	37	68	33		0.13	-
9	74	28			27	39	78	34		0.14	-
10	74	33			33	43	74	44		0.12	-
11	69	40			43	40	73	60		0.12	-
12	57	35			30	40	59	65		0.05	-
13	56	35			36	32	82	34		0.14	-
14	68	36			39	34	91	44		0.14	-
15	59	32			36	35	82	49		0.13	-
16	61	34			33	32	74	34		0.14	-
17	65	29			33	28	81	25		0.14	-
18	71	31			35	43	82	44		0.15	-
19	71	36			37	48	76	47		0.13	-
20					40	46	77	43		0.13	-
21	76	44			45	46	79	39		0.12	-
22	79	50			49	48	80	47		0.14	-
23	74	46			38	43	55	41		0.19	-
24	74	44			30	26	49	23		0.17	-
25	69	29			22	26	47	23		0.18	-
26	69	32			22	28	43	25		0.17	-
27	68	30			33	30	74	25		0.16	-
28	73	33			33	39	67	32		0.20	-
29	75	33			34	39	62	30		0.17	-
Tot:										3.93	0.07
Ave:											

LEIAH

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	35			33	38	51	27		0.17	-
2	80	38			40	38	65	25		0.18	-
3	82	45			42	45	67	38		0.20	-
4	77	53			49	45	75	40		0.17	-
5	73	40			48	46	86	41		0.16	-
6	74	45			48	51	80	52		0.16	-
7	77	52			51	53	81	68		0.17	-
8	72	46			49	54	93	48		0.08	-
9	78	48			51	50	76	43		0.17	-
10	77	52			52	51	81	52		0.20	-
11	71	53			49	52	66	53		0.07	-
12	75	56			53	47	72	31		0.15	-
13	83	49			48	51	70	47		0.17	-
14	78	46			49	49	66	34		0.15	-
15	85	57			53	48	68	32		0.17	-
16	84	54			49	52	58	38		0.20	-
17	83	51			52	54	71	41		0.19	-
18	87	59			55	54	73	41		0.20	-
19	87	60			57	56	78	52		0.17	-
20	79	58			58	61	83	51		0.21	-
21	85	55			57	56	69	40		0.20	-
22	89	55			55	14	64	13		0.24	-
23	91	57			56	63	61	39		0.27	-
24	98	61			59	61	59	33		0.27	-
25	100	63			59	61	57	35		0.28	-
26	100	65			61	67	63	47		0.31	-
27	97	63			58	63	59	46		0.30	-
28	91	62			60	61	63	40		0.30	-
29	94	61			60	50	67	28		0.28	-
30	92	59			57	50	58	28		0.34	-
31	92	57			51	52	49	29		0.31	-
Tot:										6.44	0.00
Ave:	84	53									

LEIAH

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	55			51	51	49	27		0.32	-
2	96	54			52	50	50	28		0.34	-
3	96	57			55	58	61	43		0.35	-
4	94	63			57	59	58	44		0.29	-
5	90	56			57	55	69	37		0.29	-
6	88	56			57	57	65	37		0.29	-
7	91	63			60	64	67	55		0.34	-
8	91	60			57	54	58	37		0.30	-
9	89	59			57	56	69	40		0.36	-
10	88	54			51	57	49	37		0.32	-
11	94	61			60	59	67	37		0.33	-
12	95	57			56	63	61	38		0.32	-
13	102	58			55	61	58	30		0.32	-
14	103	60			59	64	59	35		0.36	-
15	103	66			62	62	64	41		0.36	-
16	98	66			63	64	68	53		0.37	-
17	93	65			61	62	67	89		0.33	0.20
18	83	56			61	56	75	36		0.11	0.01
19	89	62			57	58	58	39		0.35	-
20	90	61			57	57	62	37		0.32	-
21	91	61			56	63	52	46		0.34	-
22	92	65			63	59	75	46		0.26	-
23	89	62			61	59	67	37		0.24	-
24	93	63			62	54	58	29		0.30	-
25	98	64			55	49	39	20		0.32	-
26	102	69			60	55	48	25		0.38	-
27	103	70			61	64	54	55		0.40	0.06
28	94	65			64	61	76	47		0.23*	0.90
29	89	62			60	49	67	26		0.30	-
30	93	62								0.27	-
Tot:										9.41	1.17
Ave:	94	61									

* Estimated evaporation.

LEIAH

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	68								0.42	-
2	97	68								0.50	-
3	95	64								0.28	-
4	98	75								0.36	-
5	100	70								0.38	-
6	94	68								0.40	-
7	93	65			58	57	56	33		0.36	-
8	95	68			60	57	54	33		0.32	-
9	98	71			63	63	53	38		0.31	-
10	103	74			64	63	53	36		0.37	-
11	105	74			61	55	40	21		0.36	-
12	110	75			62	55	45	22		0.42	-
13	113	78			60	59	42	34		0.56	-
14	102	71			61	55	51	28		0.50	-
15	99	69			59	57	44	25		0.37	-
16	109	77			60	64	46	35		0.42	-
17	106	72			62	64	50	32		0.35	-
18	109	72			65	64	51	32		0.42	-
19	111	71			61	56	40	22		0.41	-
20	111	69			62	61	45	26		0.42	-
21	116	73			66	63	51	23		0.44	-
22	117	84			64	63	40	28		0.62	-
23	110	77			55	64	30	33		0.43	-
24	108	77			68	62	58	29		0.45	-
25	104	68			55	58	39	26		0.41	-
26	104	65			61	59	49	27		0.40	-
27	105	67			52	56	36	26		0.42	-
28	104	62			63	69	53	44		0.43	-
29	103	63			66	64	63	36		0.36	-
30	105	67			65	66	59	37		0.36	-
31	107	74			68	71	52	39		0.42	-
Tot:										12.67	0.00
Ave:	104	71									

LEIAH

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	112	79			61	69	39	44		0.45	-
2	113	78			67	70	45	38		0.45	-
3	113	81			66	71	51	36		0.55	-
4	107	73			63	67	53	47		0.30	-
5	101	75			63	58	47	35		0.30	-
6	99	71			63	67	53	47		0.33	-
7	100	72			68	65	60	38		0.44	0.11
8	106	78			66	66	51	43		0.40	-
9	108	81			67	69	49	40		0.39	-
10	106	78			64	69	40	37		0.46	-
11	111	75			72	71	58	45		0.54	-
12	114	78			67	71	45	39		0.41	-
13	115	77			75	75	63	41		0.43	-
14	112	84			68	77	42	49		0.52	-
15	113	80			75	66	65	31		0.42	-
16	114	82			75	72	65	37		0.28	-
17	111	80			74	74	57	39		0.52	-
18	111	82			74	64	57	22		0.54	-
19	118	86			77	81	61	68		0.52	-
20	104	83			65	73	42	54		0.40	-
21	103	87			76	77	63	49		0.34	-
22	109	85			73	71	57	39		0.41	-
23	111	83			75	75	63	53		0.44	-
24	107	82			73	74	62	48		0.42	-
25	109	84			75	77	65	56		0.51	-
26	107	82			74	73	68	52		0.43	-
27	105	83			75	72	72	43		0.45	-
28	104	87			76	78	66	79		0.41	-
29	99	77			77	77	76	56		0.22	0.45
30	101	84			77	72	69	40		0.31	-
Tot:										12.59	0.56
Ave:	108	80									

LEIAH

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	75			76	79	75	61		0.41	0.91
2	100	82			77	82	63	62		0.24	-
3	106	86			79	73	61	39		0.31	-
4	108	88			79	82	70	68		0.59	-
5	103	78			76	73	75	71		0.39	0.17
6	94	73			74	73	86	62		0.26	0.24
7	92	76			74	74	71	52		0.22	-
8	98	76			72	69	71	40		0.35	-
9	101	80			75	74	75	52		0.44	-
10	96	80			78	80	83	62		0.33	-
11	99	82			79	73	70	68		0.32	-
12	104	78			76	77	87	63		0.34	-
13	96	80			79	80	76	62		0.25	-
14	102	86			81	77	74	61		0.30	-
15	100	86			79	76	73	51		0.35	-
16	103	84			77	75	67	49		0.41	-
17	103	85			77	80	69	57		0.55	-
18	101	82			73	76	68	53		0.46	-
19	103	80			69	75	58	53		0.42	-
20	102	82			61	68	40	55		0.35	-
21	102	78			69	75	55	50		0.36	-
22	101	82			76	76	72	53		0.35	-
23	102	85			76	76	72	53		0.50	-
24	100	85			75	76	65	53		0.45	-
25	103	85			74	79	68	59		0.45	-
26	104	85			74	81	65	62		0.40	-
27	104	84			77	77	69	56		0.32	-
28	101	83			78	79	69	56		0.38	-
29	104	83			74	76	68	51		0.50	-
30	103	83			71	75	67	63		0.54	-
31	98	79			69	77	60	63		0.37	-
Tot:										11.96	1.32
Ave:	101	82									

LEIAH

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	101	81			66	75	51	50		0.34	-
2	103	77			73	75	68	46		0.44	-
3	104	84			75	77	65	54		0.49	-
4	104	84			73	77	62	58		0.52	-
5	100	83			75	77	72	61		0.50	-
6	99	83			75	77	72	56		0.52	-
7	102	83			75	76	63	58		0.39	-
8	102	81			71	75	62	53		0.44	-
9	102	78			72	75	71	57		0.41	-
10	103	80			74	76	71	58		0.45	-
11	103	81			72	74	65	55		0.46	-
12	102	80			71	76	67	60		0.44	-
13	102	81			70	75	61	57		0.45	-
14	101	80			72	77	68	63		0.43	-
15	101	81			71	78	64	67		0.44	-
16	102	82			72	76	65	60		0.45	-
17	103	82			74	75	71	60		0.46	-
18	100	80			73	74	71	60		0.20	0.40
19	101	81			71	77	64	63		0.44	-
20	100	80			68	76	58	63		0.42	-
21	100	81			71	74	64	57		0.43	-
22	101	80			68	74	55	60		0.42	-
23	102	80			70	76	61	35		0.43	-
24	100	79			68	78	63	38		0.41	-
25	101	79			69	73	60	57		0.42	-
26	102	78			67	74	54	57		0.43	-
27	102	79			71	74	67	52		0.40	-
28	103	76			68	76	58	53		0.38	-
29	100	80			77	79	79	64		0.35	-
30	97	80			76	79	75	64		0.25	-
31	102	80			75	71	69	45		0.30	-
Tot:										12.91	0.40
Ave:	101	80									

LEIAH

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	78			74	72	71	45		0.32	-
2	104	81			71	71	58	43		0.32	-
3	106	73			68	71	63	45		0.38	-
4	107	71			69	77	67	56		0.37	-
5	104	75			71	77	70	58		0.32	-
6	103	73			70	75	67	57		0.36	-
7	99	77			71	73	67	54		0.35	-
8	100	77			69	71	60	51		0.35	-
9	101	76			71	71	64	49		0.41	-
10	102	78			71	69	64	44		0.37	-
11	104	75			69	70	64	44		0.34	-
12	104	77			71	70	61	44		0.33	-
13	102	76			69	70	58	47		0.38	-
14	105	78			70	70	61	47		0.34	-
15	101	77			67	69	57	42		0.40	-
16	103	78			69	70	64	47		0.33	-
17	100	79			73	67	68	52		0.28	-
18	97	75			71	71	74	56		0.24	-
19	98	68			64	64	76	59		0.33	-
20	84	66			63	54	68	41		0.23	-
21	91	61			56	43	55	25		0.28	-
22	91	57			56	53	55	34		0.27	-
23	95	57			57	52	55	29		0.26	-
24	97	60			57	49	53	26		0.29	-
25	99	59			52	60	42	34		0.26	-
26	102	66			46	51	29	24		0.31	-
27	102	61			55	48	51	22		0.32	-
28	100	61			57	53	53	27		0.26	-
29	100	61			58	57	56	34		0.29	-
30	100	63			60	60	60	42		0.24	-
Tot:										9.53	0.00
Ave:	100	70									

LEIAH

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain inches
1	96	62			59	59	53	40		0.24	-
2	100	61			59	60	53	42		0.25	-
3	102	66			54	57	48	37		0.27	-
4	102	65			58	60	56	42		0.26	-
5	94	62			61	59	57	40		0.24	-
6	97	63			59	60	57	42		0.23	--
7	97	63			60	61	63	42		0.25	-
8	94	62			62	60	71	38		0.18	-
9	93	61			60	56	67	32		0.20	-
10	95	58			61	60	75	42		0.21	-
11	96	59			59	62	66	45		0.25	-
12	98	58			56	60	65	42		0.23	-
13	98	60			55	55	61	30		0.20	-
14	98	59			58	60	66	42		0.24	-
15	98	57			57	58	74	35		0.22	-
16	96	57			54	59	60	44		0.20	-
17	93	59			53	62	56	50		0.20	-
18	95	60			54	52	57	36		0.20	-
19	86	59			53	54	64	43		0.21	-
20	85	57			55	56	64	46		0.19	-
21	90	61			57	51	69	39		0.15	0.06
22	83	53			50	49	62	40		0.22	-
23	81	50			55	43	77	29		0.16	-
24	84	51			52	51	67	39		0.16	-
25	87	51			54	49	77	34		0.16	-
26	88	53			55	51	73	39		0.17	-
27	88	50			51	49	66	36		0.16	-
28	90	48			49	47	66	35		0.18	-
29	91	47			51	48	76	38		0.18	-
30	88	48			45	48	59	38		0.19	-
31	85	49			45	51	59	41		0.16	-
Tot:										6.36	0.06
Ave:	93	57									

LEIAH

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	49			46	54	64	48		0.12	-
2	85	50			47	50	65	39		0.14	-
3	86	50			48	51	65	41		0.14	-
4	90	47			48	58	65	56		0.15	-
5	90	48			49	57	66	49		0.15	-
6	90	48			48	54	70	46		0.15	-
7	88	49			48	54	75	43		0.15	-
8											
9											
10	89	48			47	56	69	46		0.40+	-
11	88	48			46	55	64	43		0.13	-
12	89	49			52	57	71	47		0.16	-
13	89	49			52	58	67	50		0.16	-
14	88	51			52	58	67	56		0.14	-
15	87	52			50	55	62	51		0.14	-
16	85	51			51	60	66	67		0.12	-
17	84	54			49	61	61	67		0.13	-
18	85	52			48	59	65	63		0.11	-
19	84	51			53	58	76	59		0.13	-
20	85	52			52	58	71	59		0.13	-
21	82	53			55	60	77	70		0.11	-
22	78	54			57	59	88	74		0.07	0.05
23	72	51			52	56	81	73		0.12	-
24	72	48			49	55	80	73		0.11	-
25	72	45			48	53	86	68		0.13	-
26	71	45			46	51	74	56		0.12	-
27	74	45			47	53	74	56		0.12	-
28	79	43			48	52	80	53		0.10	-
29	78	44			47	52	80	53		0.10	-
30	77	42			47	53	80	56		0.09	-
Tot:										3.82	0.05
Ave:											

\+ 3 days observation.

LEIAH

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	79	41			48	52	86	53		0.09	-
2	79	42			46	49	92	43		0.10	-
3	79	41			45	52	92	53		0.11	-
4	79	42			47	48	93	50		0.09	-
5	78	43			45	48	85	47		0.08	-
6	77	41			43	46	85	43		0.09	-
7	80	47			46	47	79	44		0.09	-
8	77	52			52	52	93	67		0.13	0.09
9	67	49			49	50	93	76		0.10	0.23
10	62	43			46	51	92	71		0.09	-
11	64	42			44	44	85	48		0.08	-
12	71	39			41	47	84	49		0.08	-
13	75	38			39	45	84	49		0.08	-
14	73	41			43	52	85	67		0.09	-
15	70	47			47	51	86	71		0.06	-
16	68	45			45	54	79	88		0.06	-
17	61	51			51	52	87	81		0.03	-
18	64	44			43	46	85	56		0.04	-
19	69	41			45	50	92	62		0.08	-
20	69	41			45	49	92	58		0.08	-
21	70	43			47	48	93	53		0.09	-
22	72	43			45	47	92	49		0.08	-
23	73	45			49	51	93	87		0.08	0.04
24	60	47			48	48	93	70		0.03	0.05
25	60	46			46	47	92	65		0.03	-
26	62	47			46	46	85	69		0.07	-
27	60	42			40	29	84	38		0.07	-
28	60	30			35	28	90	35		0.12	-
29	61	29			27	34	78	41		0.10	-
30	62	32			29	26	80	26		0.09	-
31	69	28			29	35	80	39		0.08	-
Tot:										2.49	0.41
Ave:	69	42									

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MANGLA - 1972

Location	Latitude 33°08', Longitude 73°38', near Water Tanks of Mangla Dam Colony on the right bank of Upper Jhelum Canal.
Elevation	1,000 ± ft. msl.
Period of record	September 1960 to date, station in present shape established by Surface Water Hydrology Project WAPDA. A 5" Non-recording rain gauge was installed by Irrigation Department in 1915 and data available with S.D.O. Mangla Headworks. Observations of evaporation, wind movement, maximum and minimum temperatures, wet and dry bulb thermometers were taken by Irrigation Research Institute from 1955 to July 1958.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 25.62 inches Evaporation (Pan) 96.98 inches Absolute maximum air temperature 116°F Absolute minimum air temperature 35°F
Remarks	Annual figures calculated by estimating the day for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures, and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

MANGLA

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	71	42			37	40	76	42	25	0.09	-
2	72	44			33	28	56	25	28	0.12	-
3	71	43			33	30	56	26	40	0.14	-
4	72	38			30	30	59	30	30	0.13	-
5	71	39			22	30	36	30	39	0.14	-
6	71	35			18	40	45	42	52	0.16	-
7	69	38			25	38	50	41	23	0.10	-
8	68	37			26	28	63	27	39	0.15	-
9	67	36			25	26	56	23	31	0.10	-
10	72	40			25	32	50	29	45	0.17	-
11	74	36			28	30	64	28	33	0.13	-
12	74	39			28	26	52	23	28	0.12	-
13	70	44			27	40	40	45	50	0.17	-
14	66	50			40	39	65	36	67	0.09	-
15	72	45			40	44	77	51	48	0.14	-
16	68	47			40	38	71	38	19	0.06	-
17	73	49			37	35	59	30	31	0.14	-
18	75	47			41	45	71	52	49	0.18	-
19	69	50			41	47	61	57	39	0.11	-
20	69	53			46	52	74	81	22	0.08	-
21	64	52			46		74		32	0.05	0.03
22	61	46			41	47	77	65	36	0.03	1.40
23	65	48			30	46	65	64	80	0.13	-
24	63	47			40	49	71	66	50	0.07	-
25	66	47			45	47	85	69	19	0.06	-
26	62	49			47	49	86	66	31	0.06	-
27											
28											
29	72	47			49	49	86	70	109+	0.23+	-
30	68	47			50	46	87	60	16	0.06	-
31	64	47			49	50	86	87	28	0.05	0.69
Tot:										3.26	2.12
Ave:									37		

+ 3 days observation.

MANGLA

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	56	51			50	50	93	87	13	0.06	0.84
2	56	46			45	40	85	48	10	0.03	0.20
3	64	42			32	37	61	43	39	0.13	-
4	64	40			32	38	61	55	37	0.13	-
5	59	44			35	40	62	60	29	0.09	-
6	60	44			44	40	85	56	40	0.10	-
7	62	43			35	33	68	38	37	0.10	-
8	64	40			32	28	61	23	63	0.16	-
9	71	45			26	32	38	29	50	0.17	-
10	69	47			40	44	71	51	40	0.15	-
11	67	48			46	45	64	55	27	0.08	-
12	65	50			50	35	93	45	85	0.12	0.47
13	62	43			39	36	84	53	28	0.09	-
14	57	42			34	34	68	48	44	0.07	-
15	59	40			35	28	74	35	51	0.11	0.03
16	61	41			33	33	67	35	57	0.14	-
17	64	41			36	28	75	29	40	0.14	-
18	65	43			30	28	54	27	41	0.15	-
19	68	46			40	34	71	29	67	0.19	-
20	72	45			37	35	46	30	34	0.16	-
21	76	51			47	39	74	34	32	0.18	-
22	70	55			44	47	51	37	39	0.12	-
23	79	57			48	46	65	43	38	0.15	-
24	77	52			43	41	67	38	44	0.16	0.08
25	73	48			21	44	29	45	60	0.22	-
26											-
27	70	46			37	45	59	46	158	0.51	-
28	71	46			38	23	60	18	50	0.24	-
29	73	47			34	23	48	18	57	0.26	-
Total:									45	4.21	1.62

MANGLA

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	75	48			38	28	60	21	75	0.28	-
2	77	48			37	28	50	18	34	0.22	-
3	80	55			43	37	58	22	42	0.25	-
4	84	58			43	46	44	60	69	0.26	0.01
5	75	53			51	51	87	62	97	0.22	0.78
6	67	55			49	50	75	55	26	0.09	-
7	73	55			48	52	65	63	38	0.13	-
8	71	56			52	49	81	70	35	0.08	0.25
9	69	50			47	43	80	39	57	0.10	0.03
10	74	53			46	45	64	46	75	0.22	-
11	74	55			51	48	76	50	45	0.12	-
12	73	59			49	43	66	44	65	0.13	0.01
13	76	55			47	47	69	44	95	0.21	0.12
14	75	57			49	51	66	56	111	0.27	-
15	73	56			51	48	71	47	52	0.25	-
16	76	57			49	49	66	43	60	0.27	-
17	78	58			48	46	53	34	75	0.30	-
18	82	57			48	38	53	25	59	0.30	-
19	84	61			50	55	55	58	81	0.33	0.01
20	77	60			55	49	77	40	96	0.16	0.06
21	81	60			53	40	64	26	32	0.17	-
22	83	58			48	39	50	23	51	0.28	-
23	86	62			45	41	46	21	68	0.34	-
24	89	61			56	43	65	21	42	0.28	-
25	93	63			55	54	61	41	47	0.32	-
26	93	68			54	57	54	38	45	0.30	-
27	92	66			54	42	54	22	93	0.47	0.22
28	90	70			58	61	56	44	67	0.34	-
29	90	71			48	54	42	46	129	0.43	-
30	83	67			43	31	37	14	80	0.29	-
31	90	65			42	26	36	12	59	0.40	-
Tot:										7.81	1.49
Ave:	80	59							65		

MANGLA

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	59			52	29	53	13	70	0.43	-
2	89	59			47	46	44	29	36	0.37	-
3	90	65			49	52	51	38	28	0.28	-
4	92	67			49	56	26	73	40	0.32	-
5	80	60			55	44	69	28	57	0.16	0.08
6	84	63			51	41	56	21	50	0.29	-
7	89	66			51	44	49	24	77	0.39	-
8	89	66			48	52	40	42	80	0.40	0.03
9	86	64			52	46	53	27	89	0.41	-
10	85	61			57	58	65	50	44	0.26	0.07
11	82	64			57	46	55	24	37	0.28	-
12	90	62			59	43	59	19	53	0.38	-
13	94	63			52	47	50	26	33	0.36	-
14	95	67			51	51	41	33	38	0.36	-
15	96	72			48	48	32	28	49	0.36	-
16	93	67			51	53	47	45	114	0.31	0.05
17	81	69			53	55	47	49	97	0.24	-
18	83	63			56	56	73	55	47	0.22	-
19	80	60			54	44	73	31	62	0.23	0.01
20	81	60			51	57	66	58	80	0 37	0.29
21	74	59			49	50	43	37	57	0.13	0.07
22	90	66			44	63	33	47	49	0.35	-
23	92	64			49	48	36	27	28	0.29	-
24	93	69			49	48	34	22	37	0.37	-
25	95	67			53	50	40	22	43	0.38	-
26	98	68			49	52	30	25	47	0.43	-
27	98	74			53	53	40	34	69	0.48	-
28	94	67			60	54	63	37	87	0.34	0.10
29	87	68			53	43	45	26	87	0.40	-
30	91	69			52	44	42	20	71	0.42	-
Tot:										9.95	0.70
Ave:	89	65							59		

MANGLA

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	71			51	49	47	30	81	0.51	-
2	89	64			54	50	43	37	54	0.33	-
3	93	72			48	49	32	24	49	0.37	-
4	96	71			56	47	55	25	36	0.37	-
5	93	73			54	55	46	30	95	0.43	-
6	96	72			55	46	43	27	132	0.52	-
7	87	70			55	54	49	32	139	0.48	-
8	94	72			52	44	36	18	52	0.13	-
9	100	77			52	43	36	16	97	0.59	-
10	100	75			51	37	35	12	102	0.60	-
11	102	75			47	46	26	17	119	0.66	-
12	104	76			57	53	37	27	63	0.52	-
13	108	80			48	47	24	23	82	0.57	-
14	105	71			61	44	57	16	131	0.64	0.25
15	101	77			55	37	37	12	108	0.53	-
16	104	76			43	41	19	14	70	0.58	-
17	104	77			50	28	25	-8	85	0.59	-
18	105	84			44	29	24	-8	113	0.75	-
19	107	85			41	25	18	-6	159	1.00	-
20	109	80			41	20	18	-5	92	0.77	-
21	110	74			59	50	36	23	49	0.70	-
22	106	81			61	56	40	31	59	0.48	-
23	106	82			61	63	40	53	52	0.46	-
24	97	70			58	59	39	36	81	0.67	0.68
25	93	75			59	50	40	25	48	0.28	-
26	95	79			49	45	26	15	92	0.57	-
27	102	70			44	7	24	4	95	0.69	-
28	101	73			27	37	11	12	70	0.60	-
29	101	75			24	39	8	13	64	0.57	-
30	103	74			32	18	11	5	54	0.57	-
31	107	74			55	43	28	16	63	0.61	-
Tot:										17.14	0.93
Ave:	100	75							83		

MANGLA

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	78			49	45	21	19	49	0.52	-
2	102	81			60	51	31	26	45	0.53	-
3	102	87			47	49	20	19	82	0.54	-
4	106	77			61	57	51	33	112	0.56	-
5	93	75			54	41	35	15	79	0.62	-
6	99	73			62	46	52	18	49	0.55	-
7	101	73			59	47	41	23	44	0.48	-
8	98	72			58	50	39	25	46	0.46	-
9	98	73			59	41	40	14	56	0.47	-
10	102	78			54	38	35	10	48	0.46	-
11	106	77			57	50	37	23	45	0.48	-
12	103	81			56	51	28	24	41	0.35	-
13	110	89			47	43	20	12	54	0.55	-
14	112	84			52	37	25	9	96	0.76	-
15	113	80			46	33	15	7	102	0.81	-
16	115	81			53	26	20	5	60	0.76	-
17	116	80			51	32	24	6	60	0.75	-
18	116	79			52	30	25	6	80	0.78	-
19	112	82			60	62	38	55	53	0.53	-
20	102	71			62	61	50	40	45	0.47	0.47
21	92	79			68	64	55	40	42	0.46	-
22	95	76			65	71	65	54	85	0.44	0.13
23	91	74			67	61	47	35	36	0.27	0.09
24	97	79			69	68	58	45	37	0.40	-
25	101	80			69	67	58	45	60	0.43	-
26	96	77			72	69	74	58	62	0.33	0.03
27	92	72			70	66	61	47	52	0.23	0.04
28	98	77			69	67	50	45	48	0.43	-
29	94	79			68	64	52	40	51	0.33	-
30	96	80			70	64	53	48	43	0.38	-
Tot:										15.13	0.76
Ave:	102	78							59		

MANGLA

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	97	77			69	62	55	37	52	0.49	-
2	97	81			71	69	51	50	48	0.46	-
3	97	78			71	69	58	48	55	0.48	-
4	98	76			68	72	63	68	63	0.37	0.60
5	90	71			69	71	77	64	52	0.40	0.44
6	87	71			66	67	56	54	54	0.26	-
7	90	80			59	66	37	47	52	0.37	-
8	98	73			72	70	71	53	49	0.40	-
9	91	72			69	71	90	86	83	0.41	1.90
10	81	72			7[illegible]	74	86	87	54	0.20	1.90
11	83	76			76	72	83	68	26	0.11	-
12	90	69			67	69	81	67	44	0.36	0.48
13	84	73			70	73	67	65	29	0.20	-
14	88	79			74	73	71	48	36	0.30	-
15	99	79			75	75	72	63	26	0.33	-
16	94	82			78	72	67	54	26	0.30	-
17	95	80			7[illegible]	70	75	55	35	0.32	-
18	101	77			7[illegible]	72	70	59	47	0.39	-
19	97	76			7[illegible]	70	71	48	36	0.35	0.17
20	95	79			7[illegible]	72	61	47	12	0.19	-
21	97	76			7[illegible]	65	65	44	17	0.24	-
22	103	80			7[illegible]	69	64	44	24	0.35	-
23	100	79			7[illegible]	67	64	43	27	0.35	-
24	95	80			7[illegible]	70	68	51	30	0.34	-
25	96	81			[illegible]	65	65	42	32	0.33	-
26	96	76				66	60	47	[illegible]	0.32	0.02
27	92	78			[illegible]	62	62	34	21	0.26	-
28	105	83			73	67	57	32	25	0.37	-
29	105	80			68	70	58	38	38	0.43	-
30	102	79			61	59	42	37	57	0.49	-
31	96	77			68	63	52	47	34	0.42	-
Tot:										10.59	5.51
Ave:	95	77							39		

MANGLA

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	75			68	70	63	48	41	0.27	-
2	94	81			72	67	65	43	32	0.31	-
3	98	82			73	67	68	41	33	0.37	-
4	101	81			72	67	65	43	43	0.40	-
5	103	80			72	71	68	54	41	0.36	-
6	94	77			71	72	78	62	55	0.33	-
7	88	76			72	69	78	77	48	0.30	-
8	91	71			73	73	82	57	51	0.35	0.81
9	93	72			72	67	82	54	40	0.26	0.34
10	90	77			75	71	72	56	17	0.20	-
11	92	76			75	72	79	59	29	0.33	-
12	93	76			74	73	83	71	29	0.26	-
13	89	71			72	74	78	71	34	0.28	0.54
14	85	70			69	73	90	78	29	0.39	1.35
15	87	72			73	71	78	61	20	0.16	0.20
16	89	78			75	73	72	59	18	0.26	-
17	91	72			71	70	86	74	40	0.29	0.10
18	83	75			73	72	82	68	14	0.13	0.15
19	88	75			71	71	78	70	23	0.24	-
20	87	75			73	74	78	71	18	0.16	-
21	89	75			73	71	82	61	26	0.23	-
22	89	76			75	72	79	59	20	0.24	-
23	93	79			73	69	71	70	20	0.28	-
24	91	75			72	71	74	61	29	0.21	-
25	91	71			67	71	73	64	44	0.41	0.65
26	87	74			73	71	82	58	17	0.19	-
27	98	77			75	66	79	51	12	0.24	-
28	90	75			71	72	82	68	25	0.26	-
29	89	75			73	74	86	91	17	0.17	0.05
30	85	74			75	73	95	75	11	0.16	1.95
31	88	76			74	75	87	79	10	0.15	-
Tot:										8.19	6.14
Ave:	91	75							29		

MANGLA

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 A.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	88	74			76	72	87	65	16	0.15	-
2	89	78			74	76	75	58	15	0.24	-
3	95	80			74	72	71	47	6	0.25	-
4	97	79			72	73	68	59	7	0.18	-
5	92	77			72	70	71	55	16	0.28	-
6	91	77			73	73	71	59	12	0.24	-
7	91	79			73	67	68	52	16	0.24	-
8	96	78			68	71	55	58	12	0.25	-
9	91	73			71	67	86	57	44	0.28	0.05
10	88	76			72	65	74	53	18	0.20	-
11	89	76			71	72	70	74	18	0.15	-
12	85	69			75	74	75	60	15	0.22	1.20
13	92	77			72	73	74	68	9	0.21	-
14	88	68			64	73	68	68	28	0.22	0.80
15	88	74			74	72	71	68	17	0.21	-
16	88	68			65	71	85	70	26	0.26	0.60
17	83	70			68	65	77	59	10	0.18	-
18	88	70			68	59	77	51	8	0.24	-
19	89	67			62	69	71	60	40	0.23	0.45
20	86	70			61	68	63	58	24	0.15	-
21	88	67			45	36	40	20	50	0.31	-
22	86	60			52	41	53	21	49	0.31	-
23	89	63			57	58	58	35	29	0.31	-
24	92	63			56	56	55	40	18	0.24	-
25	92	65			61	59	60	34	17	0.24	-
26	92	65			61	58	63	35	24	0.24	-
27	92	67			62	59	64	36	21	0.24	-
28	94	66			61	65	67	42	23	0.24	-
29	93	70			61	58	57	43	19	0.24	-
30	93	71			48	57	32	34	29	0.20	-
Tot:										6.85	3.10
Ave:	90	71							21		

MANGLA

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	67			61	61	60	36	28	0.28	-
2	94	67			61	61	60	36	14	0.22	-
3	95	75			48	50	32	31	31	0.30	-
4	90	68			54	59	48	40	73	0.41	0.35
5	91	69			73	56	86	40	23	0.17	-
6	91	65			62	61	71	40	32	0.25	-
7	93	65			61	61	71	44	15	0.21	-
8	88	66			61	59	67	40	10	0.18	-
9	90	67			65	54	76	32	13	0.20	-
10	93	67			60	50	60	25	18	0.24	-
11	94	71			54	34	48	13	38	0.31	-
12	97	65			59	59	62	31	40	0.34	-
13	98	64			57	45	58	19	12	0.23	-
14	98	64			56	59	61	34	22	0.28	-
15	95	65			57	59	62	37	10	0.27	-
16	94	67			51	55	39	34	13	0.21	-
17	93	67			45	53	30	33	18	0.23	-
18	92	63			51	48	52	40	75	0.31	0.11
19	78	60			49	55	51	39	85	0.26	-
20	89	64			42	45	34	30	15	0.18	-
21	86	65			50	53	48	56	72	0.31	0.05
22	76	59			50	47	58	37	83	0.16	0.09
23	81	58			48	42	53	28	40	0.22	-
24	83	55			52	41	71	25	14	0.18	-
25	85	55			50	44	62	28	15	0.20	-
26	86	57			52	53	67	38	19	0.19	-
27	85	55			46	52	60	36	13	0.19	-
28	86	59			47	51	57	33	24	0.19	-
29	87	57			52	51	67	35	21	0.16	-
30	84	55			49	42	70	27	16	0.17	-
31	85	54			47	46	57	34	12	0.18	-
Tot:										7.18	0.60
Ave:	89	63							29		

MANGLA

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	56			52	54	71	43	16	0.16	-
2	83	55			49	42	66	27	14	0.17	-
3	87	55			47	52	57	42	20	0.18	-
4	85	53			46	47	60	35	13	0.17	-
5	85	53			46	58	64	50	24	0.18	-
6	88	55			51	54	59	46	16	0.18	-
7	87	54			46	57	53	49	19	0.18	-
8											-
9	86	55			47	55	57	49	34+	0.31+	-
10	84	56			49	57	66	49	16	0.14	-
11	86	59			54	57	73	47	23	0.15	-
12	86	58			53	57	72	49	12	0.14	-
13	84	55			49	43	61	29	10	0.11	-
14	85	53			48	46	70	34	13	0.14	-
15	82	52			42	47	50	37	17	0.16	-
16	84	51			42	41	54	30	14	0.14	-
17	84	53			44	40	51	27	16	0.14	-
18	83	54			30	36	28	25	14	0.14	-
19	83	50			41	30	61	21	21	0.17	-
20	81	51			38	34	47	24	15	0.13	-
21	84	53			41	45	53	40	13	0.15	-
22	77.	58			50	51	62	62	53	0.13	-
23	74	54			51	52	76	71	63	0.12	0.03
24	71	54			50	53	81	82	36	0.07	0.25
25	67	56			49	54	70	88	33	0.05	0.07
26	69	53			47	50	74	55	51	0.08	0.17
27	75	49			48	55	86	64	24	0.10	-
28	74	49			48	56	86	65	15	0.07	-
29	74	52			43	44	58	45	15	0.07	-
30	73	50			47	44	80	42	35	0.15	-
Tot:										4.08	0.52
Ave:									22		

+ 2 days observation.

MANGLA

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	53			45	40	68	37	26	0.12	-
2	78	47			42	49	78	54	22	0.12	-
3	74	46			46	45	85	49	12	0.08	-
4	76	48			45	44	79	45	13	0.09	-
5	77	51			47	52	80	56	13	0.10	-
6	75	46			45	44	73	45	11	0.08	-
7	76	47			42	51	72	66	18	0.10	-
8	68	51			47	51	80	76	16	0.07	-
9	64	53			46	47	74	69	24	0.04	0.03
10	59	52			51	51	87	76	85	0.19	1.65
11	63	48			43	47	73	61	17	0.04	-
12	67	51			46	44	74	51	43	0.09	-
13	68	49			42	46	72	56	47	0.11	-
14	71	45			41	46	77	56	22	0.08	-
15	69	48			45	52	79	71	21	0.08	-
16	65	51			49	50	75	76	16	0.03	-
17	63	54			46	51	60	71	59	0.06	-
18	67	52			49	51	80	62	38	0.07	-
19	73	51			51	55	87	64	17	0.07	-
20	74	51			47	44	74	48	14	0.07	-
21	70	51			42	44	67	51	59	0.14	-
22	70	46			43	42	78	50	32	0.10	-
23	69	47			45	41	79	49	14	0.08	-
24	66	50			46	49	85	80	51	0.12	0.20
25	58	50			46	48	79	75	29	0.03	0.15
26	62	52			48	54	80	77	31	0.03	0.08
27	65	52			50	51	87	71	11	0.03	0.02
28	66	49			37	41	59	57	77	0.10	-
29	63	43			32	40	55	52	43	0.08	-
30	63	44			32	41	55	49	46	0.12	-
31	67	42			38	35	76	39	16	0.07	-
Tot:										2.59	2.13
Ave:	68	49							30		

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MARDAN - 1972

Location	Latitude 34°12', Longitude 72°03', in the premises of Sugar Cane Research Laboratory, Mardan.
Elevation	1,000 ± ft. msl.
Period of record	April 1963 to date, established by Surface Water Hydrology Project WAPDA.
Instruments	5" Non-recording rain gauge. U.S. Universal type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometer. U.S. Weather bureau standard evaporation pan. Anemometer. Pyrheliometer.
Annual figures	Precipitation 11.01 inches Evaporation (Pan) 75.21 inches Absolute maximum air temperature 110°F Absolute minimum air temperature 27°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temprratures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Solar radiation is measured in langley's perday from midnight to midnight on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

MARDAN

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Rela Relative Humidity Percent 8 AM	5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	60	40			36	47	75	74	198	3	0.05	-
2	58	34			33	43	81	63	226	7	0.04	-
3	59	31			27	42	78	62	212	5	0.05	-
4	56	30			20	40	57	52	212	5	0.04	-
5	65	29			19	35	57	42	226	5	0.07	-
6	66	28			21	40	66	52	226	5	0.07	-
7	67	27			17	45	55	68	226	7	0.06	-
8	63	29			23	45	77	63	170	5	0.05	-
9	59	27			23	46	76	64	198	7	0.04	-
10	65	28			26	42	88	54	212	5	0.06	-
11	65	28			23	38	77	44	226	5	0.06	-
12	65	30			26	40	78	52	198	5	0.07	-
13					38	42	83	72	56	5	0.04	-
14	54	40			30	45	65	73	226	7	0.01*	0.06
15	66	36			31	43	73	73	155	9	0.06	-
16	61	39			36	43	82	67	170	4	0.06	-
17	64	36			32	43	81	63	226	8	0.06	-
18					38	41	83	61	85	6	0.08	-
19	60	43			39	49	70	93	99	20	0.08	-
20	60	48			45	48	85	93	28	9	0.06	0.02
21	53	49			45	46	85	92		18	0.01*	0.52
22	50	45			41	40	84	71	212	49	0.06	0.36
23	59	40			40	42	91	72	127	10	0.05	-
24	60	38			32	43	73	73	240	7	0.07	-
25	61	37			35	41	82	66	170	10	0.07	-
26	61	38			34	42	82	67	240	3	0.07	-
27									212		0.06*	-
28									212		0.06*	-
29	60	39			37	36	91	58	28	27+	0.06	-
30	57	38			35	45	68	73	28	15	0.05*	0.22
31	55	42			43	41	85	61	56	11	0.04	0.44
Tot:											1.71	1.62
Ave:										10		

* Estimated evaporation.
\+ 3 days observation.

MARDAN

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	58	40			35	37	68	50	212		0.06	0.12
2	60	39			33	37	67	46	282	15+	0.02	0.05
3	61	30			23	35	68	45	296	23	0.08	-
4	61	32			32	38	81	51	240	15	0.07	-
5	60	31			26	40	70	52	254	16	0.07	-
6	60	32			27	32	78	40	282	24	0.08	-
7	59	31			28	40	79	52	296	11	0.07	-
8	63	29			26	35	78	42	325	14	0.08	-
9	67	30			18	40	50	52	198	15	0.10	-
10	62	35			35	41	82	61	141	9	0.08	-
11	57	40			32	47	61	80	28	13	0.06	-
12	55	37			38	42	91	72	254	45	0.05*	1.63
13	54	33			27	42	70	67	282	26	0.07	0.05
14	55	36			31	45	73	85		57	0.05	-
15	58	30			26	42	78	72		28	0.09	-
16	56	29			25	45	69	73		21	0.10	-
17	59	29			28	41	79	61		30	0.11	-
18	62	30			22	41	60	57		16	0.12	-
19	64	32			31	42	90	58		20	0.12	-
20	68	34			27	41	70	53		13	0.12	-
21					46	43	85	63	85	19	0.10	-
22	58	48			45	47	85	74	99	44	0.03	0.02
23	58	45			45	49	85	75	212	36	0.04	0.08
24	64	42			30	48	54	75	226	17	0.11	0.02
25	60	39			20	49	37	75	395	42	0.09	-
26	61	30			24	50	61	76	381	50	0.08	-
27	64	33			30	47	65	65	367	11	0.09	-
28	66	34			35	49	82	75	353	27	0.11	-
29	68	35			35	49	82	70	367	16	0.09	-
Tot:											2.34	1.97
Ave:										23		

* Estimated evaporation.
\+ 2 days observation.

MARDAN

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	68	35			35	49	82	61	395	28	0.11	-
2	71	35			36	49	82	58	353	16	0.12	-
3	74	37			42	50	72	58	325	19	0.13	-
4	77	45			43	51	73	81	170	46	0.12	0.12
5	73	41			41	48	71	70	268	25	0.20	0.25
6	75	42			38	49	55	70	353	21	0.08	-
7	76	46			37	51	54	81	395	10	0.07	-
8	74	45			46	48	85	75	367	23	0.03	0.42
9	60	41			40	51	77	81	339	29	0.12	-
10	61	45			43	50	78	81	325	13	0.14	-
11	60	50			49	53	80	93	311	13	0.10	-
12	64	50			49	51	80	71	56	11	0.12	0.12
13	73	52			48	47	86	61	424	38	0.03*	0.53
14	72	52			46	49	74	61	296	19	0.10	-
15	73	52			48	47	75	57	184	22	0.13	-
16	73	46			47	50	86	58	438	13	0.12	-
17	76	46			49	50	86	39	466	5	0.13	-
18	78	48			48	51	75	52	311	7	0.14	-
19	74	56			46	45	64	49	184	13	0.12*	-
20	66	52			48	45	75	49	409	16	0.10	-
21	75	50			50	49	81	43	409	12	0.16	-
22	77	50			50	54	76	48	409	11	0.17	-
23	81	50			53	54	87	46	409	12	0.18	-
24	86	52			54	55	88	43	367	10	0.20	-
25	85	57			56	59	78	57	325	5	0.18	-
26	83	60			54	46	77	34	254	15	0.10	0.13
27	77	54			56	48	78	38	424	29	0.17	0.33
28	80	60			53	47	68	37	282	22	0.17	0.01
29	78	54			53	42	76	28	438	23	0.12	0.02
30	83	53			48	43	65	29	466	15	0.19	-
31	84	51			51	47	66	31	480	11	0.21	-
Tot:											4.06	1.93
Ave:	74	49								18		

* Estimated evaporation.

MARDAN

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation Inches	Rain Inches
1	86	47			51	47	66	31	452	11	0.22	-
2	82	50			46	45	64	30	381	10	0.20	-
3	80	54			41	39	43	28	184	30	0.17	-
4	75	58			54	55	88	82	85	28	0.14	0.23
5	62	50			53	52	87	71	480	26	0.04	0.15
6	75	52			55	44	88	35	452	9	0.15	-
7	81	58			52	49	67	40	480	18	0.19	0.01
8	81	56			46	38	53	26	424	19	0.17	-
9	77	53			51	40	60	27	494	35	0.21	-
10	82	55			49	50	54	37	452	17	0.21	-
11	82	55			51	52	59	38	438	24	0.22	-
12	87	52			55	54	77	37	452	11	0.23	-
13	88	52			53	57	68	38	367	9	0.24	-
14	91	55			59	55	79	37	438	8	0.25	-
15	89	66			59	58	74	56	240	28	0.25	-
16	78	60			59	59	89	57	325	38	0.17	0.10
17	78	55			55	57	69	49	480	6	0.15	-
18	83	58			59	62	88	64	480	35	0.25	-
19	80	55			52	62	67	58	522	49	0.32	0.05
20	82	58			51	61	59	57	522	37	0.29	-
21	78	53			54	64	73	65	522	25	0.26	-
22	86	52			53	60	60	54	522	11	0.29	-
23	83	62			55	59	69	51	536	8	0.25	-
24	82	64			58	54	78	41	536	8	0.24	-
25	82	65			57	54	65	32	522	8	0.24	-
26	92	62			55	59	51	34	438	11	0.28	-
27	92	68			59	57	74	58	170	18	0.29	0.05
28	77	61			59	55	89	49	367	39	0.11	0.48
29	76	57			56	56	78	40	480	25	0.19	-
30	84	58			59	54	74	43	424	8	0.19	-
Tot:											6.41	1.07
Ave:	82	57								20		

MARDAN

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	85	57			56	45	65	25	480	17	0.23	-
2	86	58			55	49	64	30	494	13	0.26	-
3	88	57			55	55	64	37	508	18	0.29	-
4	88	63			58	56	66	40	296	11	0.28	-
5	85	63			57	58	78	45	353	22	0.14	0.15
6	82	62			58	56	70	44	395	49	0.25	0.15
7	82	62			57	58	69	45	494	31	0.17	0.02
8	88	64			56	62	55	50	424	23	0.28	-
9	87	68			54	61	43	47	381	25	0.29	-
10	90	66			63	59	72	41	325	20	0.30	-
11	88	64			60	62	63	45	452	15	0.21	-
12	97	67			61	64	60	48	424	11	0.28	-
13	95	72			55	62	49	50	480	67	0.37	-
14	90	60			59	63	62	47	494	69	0.12*	0.22
15	90	66			61	68	57	55	466	18	0.28	-
16	97	71			61	69	51	55	438	18	0.33	-
17	96	68			51	67	35	52	551	25	0.34	-
18	99	64			55	71	39	54	579	18	0.35	-
19	101	72			52	70	32	51	593	38	0.45	-
20	102	62			54	74	43	52	579	26	0.46	-
21	106	66			55	73	39	52	409	14	0.48	-
22	103	69			56	67	44	41	395	47	0.42	-
23	98	69			61	66	54	47	466	30	0.34	0.06
24	93	67			56	65	52	49	325	14	0.28	-
25	90	66			57	68	53	50	522	23	0.24	-
26	96	61			25	67	13	49	593	19	0.32	-
27	95	62			43	68	29	50	579	22	0.34	-
28	96	56			42	59	34	34	579	13	0.35*	-
29	98	60			53	62	47	37	536	10	0.36	-
30	99	63			52	65	38	38	536	9	0.37	-
31	103	63			58	66	50	39	522	7	0.37	-
Tot:											9.55	0.60
Ave:	93	64								24		

MARDAN

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	103	64			58	69	48	42	480	7	0.37	-
2	104	62			55	72	41	43	452	12	0.37	-
3	107	67			56	72	40	45	480	36	0.38	-
4	100	79			64	64	53	36	452	28	0.38	-
5	96	64			59	65	57	38	494	40	0.36	-
6	96	62			62	62	64	34	480	8	0.33	-
7	97	62			61	62	63	34	480	17	0.35	-
8	100	64			60	63	60	33	508	26	0.34	-
9	103	67			55	67	37	38	494	15	0.39	-
10	102	69			59	73	46	44	494	11	0.38	-
11	105	68			55	73	37	42	466	6	0.37*	-
12	105	71			65	71	53	39	494	15	0.37	-
13	106	72			63	70	47	38	480	11	0.39	-
14	108	74			64	66	48	31	551	11	0.43	-
15	108	67			59	71	44	35	565	12	0.42	-
16	110	65			56	72	36	37	551	13	0.45	-
17	110	66			59	66	41	27	565	8	0.46	-
18	110	72			61	69	40	31	551	16	0.45	-
19	108	68			59	74	37	37	424	25	0.44	-
20	107	81			63	74	47	39	381	35	0.46	-
21	105	84			68	73	45	39	254	11	0.34	-
22	104	81			64	72	48	43	367	29	0.35	-
23	99	79			63	73	43	48	438	33	0.31	-
24	98	83			57	76	30	51	409	15	0.34	-
25	105	88			64	77	40	54	381	70	0.34*	-
26	104	84			67	77	49	58	353	36	0.35	-
27	98	74			72	78	65	56	494	34	0.39	0.26
28	98	81			74	75	75	69	282	30	0.33	-
29	88	70			69	77	73	63	522	26	0.28	0.25
30	100	76			69	79	60	67	381	9	0.31	-
Tot:											11.23	0.51
Ave:	103	72								22		

* Estimated evaporation.

MARDAN

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	99	75			67	80	54	65	424	27	0.30	-
2	102	76			68	82	50	62	494	7	0.32	-
3	105	83			73	83	57	63	508	28	0.41	-
4	106	80			71	84	56	63	480	50	0.47	-
5	103	81			65	84	53	60	381	62	0.53	-
6	104	82			65	81	51	55	480	24	0.52	-
7	104	82			67	82	54	55	508	22	0.53	-
8	105	83			68	82	55	60	480	82	0.55	-
9	99	76			68	81	55	62	494	39	0.45	-
10	97	76			69	79	58	59	536	34	0.39	-
11	98	76			69	77	73	58	466	50	0.43	-
12	95	69			69	76	73	58	494	52	0.43	0.15
13	94	78			70	76	67	58	522	39	0.44	-
14	97	80			70	75	53	50	480	16	0.46	-
15	102	82			76	77	63	49	452	25	0.49	-
16	106	86			79	76	70	45	438	21	0.47	-
17	105	84			67	70	52	47	424	25	0.41	-
18	95	77			71	67	78	41	367	33	0.37	-
19	97	75			71	69	74	46	409	21	0.36	-
20	97	70			69	63	73	36	452	20	0.35	-
21	100	72			69	71	70	43	466	7	0.37	-
22	102	74			70	73	67	42	452	11	0.42	-
23	106	82			69	76	50	45	395	11	0.44	-
24	104	76			69	76	60	47	424	13	0.38	-
25	103	75			68	78	58	49	424	13	0.37	-
26	102	74			71	74	61	42	466	16	0.37	-
27	102	72			66	74	56	42	438	8	0.36	-
28	105	75			69	75	60	43	438	2	0.45	-
29	104	83			69	70	50	38	466	18	0.44	-
30	102	76			68	70	66	41	438	27	0.38	-
31	98	73			64	69	55	42	438	9	0.32	-
Tot:											12.99	0.15
Ave:	101	78								26		

* Estimated evaporation.

MARDAN

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	100	60			69	71	60	43	424	18	0.39	-
2	102	80			70	68	55	38	409	9	0.42	-
3	104	84			70	71	53	36	367	37	0.43	-
4	105	86			76	65	63	30	381	29	0.45	-
5	104	78			79	65	70	31	381	50	0.43	-
6	102	77			70	74	55	52	198	70	0.40*	-
7	95	78			70	74	67	52	367	47	0.26	0.15
8	95	77			71	71	74	51	409	15	0.26	-
9	95	73			68	71	70	49	424	16	0.24	-
10	94	73			67	72	63	45	508	8	0.24	-
11	98	76			67	74	49	48	494	14	0.32	-
12	101	83			73	75	62	49	494	33	0.38	-
13	100	77			64	63	59	36	395	56	0.43	-
14	95	75			69	72	73	54	325	50	0.37	0.08
15	92	74			70	75	67	60	438	16	0.21	-
16	96	78			68	77	55	58	438	18	0.33	-
17	99	80			64	76	48	58	395	34	0.38	-
18	96	78			66	78	56	64	409	69	0.42	-
19	95	74			72	79	90	64	395	52	0.37	-
20	95	74			72	78	82	64	424	33	0.36*	-
21	95	73			69	79	64	64	424	31	0.36	-
22	96	72			68	80	66	65	409	27	0.37	-
23	98	72			69	79	73	64	311	19	0.39	-
24	96	72			68	78	73	64	452	20	0.38	-
25	93	70			67	78	77	69	395	29	0.36	0.08
26	90	68			63	75	64	69	452	12	0.22	-
27					62	79	50	61	438	20	0.29	-
28	98	72			65	79	53	64	339	22	0.33	-
29	94	78			70	81	67	70	353	49	0.30	-
30	93	76			72	80	74	74	367	24	0.28	-
31	92	74			71	78	74	67	409	19	0.25	-
Tot:											10.62	0.31
Ave:										31		

* Estimated evaporation.

MARDAN

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation Inches	Rain Inches
1	93	74			71	79	70	67	424	18	0.27	-
2	96	75			72	80	71	65	424	18	0.29	-
3	98	76			73	79	75	59	438	12	0.30	-
4	99	76			73	81	75	59	381	19	0.31	-
5	101	77			75	80	79	57		19	0.33	-
6	100	78			74	79	57	59	381	21	0.34	-
7	100	76			73	81	71	62	395	29	0.31	-
8	99	74			70	80	67	62	381	42	0.29	-
9	98	72			68	79	66	70	367	35	0.26	-
10	91	75			67	79	63	76	339	21	0.24	-
11	89	74			67	75	63	75	339	39	0.23	-
12	86	68			67	78	73	79	367	32	0.21	-
13	93	70			64	79	59	76	395	15	0.24	-
14	95	72			66	80	56	76	381	13	0.27	-
15	96	80			71	79	64	80	381	38	0.29	-
16	96	78			70	78	74	79	395	48	0.31	-
17	91	69			63	75	64	75	339	47	0.29	-
18	89	67			62	60	64	46	268	26	0.27	-
19	87	63			61	64	84	76	184	27	0.18	0.37
20	73	62			56	62	78	71	311	14	0.08	0.06
21	81	54			46	63	56	72	381	17	0.21	0.11
22	83	55			55	64	82	72	381	8	0.14	-
23	85	53			54	66	77	69	395	4	0.15	-
24	89	54			55	67	77	63	381	3	0.21	-
25	94	52			54	61	73	51	424	3	0.23	-
26	90	53			54	60	73	46	424	4	0.20	-
27	91	55			55	59	77	46	367	5	0.21	-
28	90	57			57	60	78	46	353	4	0.19	-
29	91	58			57	63	78	53	353	4	0.21	-
30	90	63			59	62	79	52	381	8	0.19	-
Tot:											7.25	0.54
Ave:	92	67								20		

MARDAN

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	90	58			58	64	78	59	353	2	0.20*	-
2	92	58			58	66	78	69		2	0.21	-
3	88	64			60	64	84	65		19	0.24	0.15
4	88	62			58	62	78	58		3	0.19	-
5	89	58			59	59	83	51		2	0.20	-
6	89	57			56	65	78	59		3	0.19	-
7	89	58			58	68	66	66		12	0.21	-
8	84	60			61	65	84	59		8	0.14	-
9	87	60			61	66	89	56	296	6	0.17	-
10	90	60			60	67	79	60	325	5	0.21	-
11	91	56			55	67	77	63	282	5	0.20	-
12	91	55			56	68	78	66	268	6	0.21	-
13	91	54			57	48	88	32	282	4	0.19	-
14	92	54			56	68	82	66	296	5	0.20	-
15	93	54			53	65	68	59	296	6	0.22	-
16	89	61			52	68	53	66	268	6	0.17	-
17	86	57			48	69	50	73	226	13	0.14	-
18	83	58			54	55	77	69	254	18	0.20	0.14
19	70	48			51	59	87	70	268	23	0.11	-
20	80	54			54	59	88	62	282	6	0.14	-
21	84	58			48	56	65	61	212	7	0.20	0.04
22	71	58			48	52	75	53	296	19	0.14	-
23	75	45			46	54	85	57	282	7	0.15	-
24	77	44			45	54	85	54	254	6	0.15	-
25	82	43			45	53	85	53	198	5	0.16	-
26	80	44			46	50	85	46	254	3	0.12	-
27	81	42			44	46	85	39	296	5	0.13	-
28	82	42			45	49	85	43	282	5	0.14	-
29	81	41			46	48	85	42	268	6	0.12	-
30	80	42			43	46	78	41	282	6	0.10	-
31	80	42			43	47	85	44	170	4	0.09	-
Tot:											5.24	0.33
Ave:	85	53								7		

MARDAN

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	75	44			41	48	84	42	198	4	0.08	-
2	79	43			41	45	71	38	268	4	0.10	-
3	80	43			42	41	72	31	325	3	0.11	-
4	84	41			38	44	60	35	296	3	0.13	-
5	85	41			42	43	72	32	268	2	0.13*	-
6	85	41			41	41	66	31	325	5	0.14	-
7									212		0.13*	-
8									184		0.13*	-
9	84	40			41	39	71	30	226	4	0.13	-
10	83	41			42	39	72	30	212	5	0.12	-
11	82	40			46	43	85	37	155	4	0.12	-
12	82	40			42	45	72	38	198	3	0.12	-
13	81	39			42	46	78	39	212	4	0.11	-
14	82	39			43	50	85	46	240	2	0.12	-
15	80	39			44	42	85	36	226	3	0.08	-
16	80	38			38	42	83	36	240	2	0.07	-
17	78	37			38	46	83	43	254	2	0.06	-
18	78	37			39	51	84	52	254	2	0.06	-
19	80	37			32	50	61	48	212	2	0.07*	-
20	79	37			35	46	68	43	198	1	0.07	-
21	77	44			41	41	77	43	127	1	0.06	-
22	69	48			52	50	93	76	127	25	0.04	0.34
23	60	50			49	41	86	61	85	2	0.01*	0.05
24	60	42			44	43	92	63	113	3	0.04	0.14
25	61	45			46	45	85	63	170	2	0.01	0.09
26	64	40			26	42	31	54	226	6	0.03	0.04
27	70	38			37	41	83	53	226	1	0.08	-
28	71	38			36	40	82	52	198	1	0.07	-
29	70	36			35	38	82	51	226	1	0.05	-
30	72	34			30	38	80	51	198	1	0.06	-
Tot:											2.93	0.66
Ave:										3		

* Estimated evaporation.

MARDAN

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	72	34								1	0.07*	-
2	73	35								1	0.08*	-
3	71	35			32	37	73	43		2	0.06	-
4	71	40			39	35	84	42	99	1	0.07	-
5	70	43			38	38	83	44	155	1	0.06	-
6	70	43			39	42	77	54	198	4	0.05	-
7	69	42			43	55	85	77	184	4	0.05	-
8	66	37			46	50	85	87	56	3	0.03	-
9	58	44			47	50	93	93	71	2	0.02	0.08
10	56	42			41	47	84	80	254	2	0.01	0.25
11	57	40			39	51	84	71	240	2	0.01	0.12
12	64	34			37	51	83	71	226	2	0.05	-
13	66	34			30	52	80	71	198	1	0.05	-
14	67	32			28	51	79	71	170	1	0.05	-
15	66	34			30	43	80	73	71	1	0.04	-
16					44	43	85	78	99	1	0.03	0.03
17	58	44			40	43	84	73	155	5	0.02	0.12
18	59	42			38	51	76	76	184	1	0.02	-
19	66	45			44	51	85	71	198	1	0.02	-
20	68	40			36	52	69	71	184	4	0.06	-
21	68	36			29	52	64	71	141	2	0.06	-
22	68	34			22	50	47	76	184	3	0.05	-
23	62	36			31	50	73	76	42	2	0.04	-
24	64	39			34	46	68	85	184	4	0.04	-
25	54	36			35	46	82	85	56	9	0.02	-
26	56	40			35	49	82	93	141	3	0.02	0.22
27	54	40			37	46	83	85	155	2	0.01	0.50
28	56	37			33	43	81	73	212	1	0.03	-
29	58	32			28	47	79	80	226	4	0.04	-
30	60	31			21	48	59	80	198	6	0.06	-
31	63	30			23	35	68	49	184	3	0.06	-
Tot:											1.28	1.32
Ave:										3		

* Estimated evaporation.

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MASSAN - 1972

Location Latitude 33°00', Longitude 71°41',

Elevation

Period of record Observatory of Banni Afghanan was shifted and installed at Massan on 7.11.1971.

Instruments
5" Non-recording rain gauge.
U.S. Universal weighing type recording rain gauge.
Maximum and minimum air temperature thermometer.
Maximum and minimum pan water temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau Standard evaporation pan.
Anemometer.

Annual figures

Precipitation	12.52 inches
Evaporation	109.16 inches
Absolute Maximum air temperature	116°F
Absolute Minimum air temperature	32°F

Remarks
Observation of precipitation, pan evaporation maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown.
Blank space indicates no record.
(-) Indicates no precipitation.

MASSAN

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	68	42	63	42	33	32	51	28	18	0.08	-
2	68	48	64	40	30	51	49	87	20	0.10	-
3	67	37	63	39	29	30	53	26	15	0.10	-
4	66	36	62	39	23	39	40	34	18	0.10	-
5	72	34	62	38	18	34	36	29	21	0.11	-
6	70	34	62	39	20	12	37	14	16	0.10	-
7	65	32	60	39	20	21	46	18	20	0.10	-
8	70	34	60	38	17	19	31	20	21	0.10	-
9	63	32	56	38	12		23		18	0.10	-
10	68	34	60	39	17	23	31	19	15	0.08	-
11	66	34	61	39	20	25	37	21	12	0.09	-
12	72	34	62	39	18	30	36	28	15	0.10	-
13	66	43	61	30	27	41	36	57	18	0.10	-
14	60	39	52	40	32	37	61	35	34	0.10	-
15	67	40	64	42	35	32	62	29	23	0.09	-
16	66	47	63	45	46	23	74	21	10	0.10	-
17	64	42	62	40	33	32	56	26	18	0.10	-
18	70	44	68	44	31	40	50	40	16	0.09	-
19	65	48	53	47	37	43	64	44	13	0.06	-
20	70	49	62	54	43	48	73	75	21	0.08	-
21	58	51	57	49	49	50	93	87	11	0.01	0.13
22	58	44	57	48	44	48	100	75	22	0.13	0.90
23	58	44	65	45	43	47	92	74	26	0.05	-
24	59	44	68	45	43	47	92	65	1	0.05	-
25	61	45	63	45	43	42	92	50	21	0.05	-
26	62	42	64	47	45	40	92	40	15	0.06	-
27	65	45	67	45	19	37	22	35	25	0.08	-
28			63	49	45	39	85	36	6	0.10	-
29	66	49	69	50	46	23	74	21	30	0.09	-
30	54	52	53	52	48	42	93	67	20	0.03*	0.03
31	53	51	52	50	49	38	93	41	21	0.08	0.80
Tot:										2.61	1.86
Ave:			61	43					18		

MASSAN

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	58	47	58	48	48	39	93	34	21	0.04	-
2			63	53	46	30	92	25	33	0.05	-
3			69	57	40	41	77	49	21	0.07	-
4	63	44	67	43	30	41	54	46	27	0.08	-
5			67	48		34		41	11	0.09	-
6	59	40	65	42	37	40	83	42	7	0.08	-
7	64	39	68	41	36	19	75	20	47	0.10	-
8	64	38	65	38	32	28	55	25	49	0.10	-
9	66	39	67	41	36	36	75	82	19	0.10	-
10			70	50	41	34	84	68	16	0.11	-
11	67	43	49	46	25	48	21	93	49	0.05	0.40
12	50	43	51	42	39	34	84	52	36	0.02	0.20
13	56	40	60	38	44	38	92	51	42	0.02	-
14	58	41	65	43	38	39	83	70	44	0.03	0.18
15	50	38	60	39	36	38	82	60	27	0.04	-
16	58	41	59	40	38	19	70	22	24	0.02	-
17	62	36	68	47	35	42	90	92	12	0.04	-
18	62	39	65	32	35	38	74	76	16	0.08	-
19	66	40	70	39	36	39	69	36	16	0.06	-
20	69	43	71	45	43	39	85	34	14	0.10	-
21	70	47	68	47	47	44	69	45	9	0.13	-
22	68	52	71	52	49	46	80	56	43	0.14	-
23	64	49	61	48	47	25	86	35	20	0.08	-
24	68	47	68	45	36	41	53	49	35	0.16	-
25	66	42	69	40	32	37	61	83	42	0.13	-
26	64	42	60	48	30	37	54	76	39	0.16	-
27	68	40	72	42	25	28	41	22	28	0.18	-
28	73	40	73	42	29	34	53	27	22	0.17	-
29	73	42	73	44	30	34	49	26	26	0.18	-
Tot:										2.60	0.78
Ave:			65	42					27		

MASSAN

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	44	71	45	31		46		31	0.20	-
2			78	54	36	23	53	16	22	0.21	-
3	77	52	78	55	41	32	49	22	18	0.18	-
4	83	60	81	55	51	43	66	41	35	0.20	-
5	70	64	70	55	50	43	76	39	53	0.15	-
6	72	55	80	56	50	39	76	32	28	0.19	-
7	75	56	80	55	49	48	66	50	34	0.20	-
8	70	55	68	56	54	50	88	55	37	0.05	0.27
9	72	52	80	52	52	46	87	41	31	0.18	-
10	72	53	82	52	50	45	87	49	22	0.15	-
11	70	65	67	55	39	50	34	58	30	0.10	-
12	70	55	69	55	52	52	81	67	33	0.13	-
13	68	50	69	51	52	47	93	57	40	0.09	0.06
14	74	52	80	52	47	33	69	21	38	0.18	-
15	84	57	79	54	51	44	66	35	28	0.20	-
16	77	55	72	55	56	42	78	27	30	0.15	-
17	82	58	86	55	52	40	63	26	22	0.24	-
18	83	55	87	56	47	26	65	16	21	0.24	-
19	77	58	73	57	56	58	82	78	37	0.17	0.07
20	70	57	73	56	57	50	83	39	39	0.08	0.06
21	79	57	87	59	54	43	77	26	18	0.20	-
22	82	61	85	58	56	45	65	25	21	0.22	-
23	86	60	89	59	47	42	61	19	21	0.27	-
24	90	61	90	60	56	75	61	63	18	0.28	-
25	93	65	90	64	57	72	62	59	18	0.32	-
26	93	65	89	60	60	53	67	31	28	0.23	0.03
27			89	62		31		15	65	0.35	0.25
28			88	64	65		76		32	0.24	-
29	86	64	85	62	63	45	80	27	53	0.27	0.15
30	86	62	90	60	55	42	69	22	32	0.25	-
31	88	60	90	60	44	38	42	18	25	0.28	-
Tot:										6.20	0.89
Ave:			80	56					31		

MASSAN

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	91	68	90	69	23		18		23	0.35	-
2	90	61	91	59	44	29	48	13	27	0.40	-
3			88	59	47	43	47	29	41	0.30	-
4			81	60	56	47	73	66	33	0.32	-
5	76	57	80	56	57	50	78	37	50	0.08	0.47
6	80	60	88	61	54	52	54	38	18	0.20	-
7	87	64	93	63	59	54	66	43	38	0.25	0.13
8	84	64	92	64	57	49	62	36	26	0.26	-
9	85	59	91	57	55	46	73	29	57	0.30	-
10	84	62	86	61	52	47	53	26	31	0.20	-
11	86	66	91	64	58	51	66	27	35	0.29	-
12	90	66	91	63	52	43	44	19	44	0.35	-
13	95	66	90	65	56	39	61	16	20	0.37	-
14	98	69	96	54	44	37	23	13	25	0.39	-
15	97	76	91	67	62	50	89	31	45	0.43	-
16	90	68	88	65	59	52	70	38	78	0.35	0.03
17	85	63	89	63	62	51	84	35	47	0.29	0.13
18	84	64	90	60	59	51	74	35	63	0.29	-
19	82	65	92	61	51	50	56	33	73	0.39	-
20	84	68	90	62	47	52	47	38	72	0.41	-
21	80	68	93	60	47	48	44	27	44	0.42	-
22	88	69	94	65	52	49	53	29	24	0.33	-
23	90	70	90	65	48	47	40	25	68	0.41	-
24			96	66	60	39	70	15	40	0.42	-
25	94	70	95	65	46	37	39	13	26	0.42	-
26	96	73	96	68	49	31	34	10	44	0.45	-
27			86	68	55	51	43	33	42	0.31	0.02
28	89	66	87	65	58	50	50	33	84	0.28	0.65
29	85	65	88	64	59	46	70	23	42	0.24	0.02
30	88	68	96	67	57	35	62	15	20	0.33	-
Tot:										9.83	1.43
Ave:			90	63					43		

MASSAN

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	91	70			46	35	41	14	52	0.41	-
2	92	70	88	65	52	31	50	12	42	0.40	-
3	92	72	96	66	48	35	38	14	29	0.41	-
4	92	75	94	66	52	35	44	15	31	0.35	-
5	89	70	81	66	60	50	70	31	56	0.27	-
6	84	70	90	65	56	49	61	29	82	0.34	-
7	87	66	88	64	58	38	59	15	76	0.33	-
8	92	73	94	66	57	51	53	24	41	0.35	-
9	96	76	97	70	57	44	47	18	39	0.37	0.05
10	95	76	95	70	54	53	41	24	40	0.43	-
11	100	78	97	71	55	55	41	22	29	0.43	-
12	102	78	97	72	54	46	37	15	28	0.44	-
13	108	83	102	71	50	52	28	23	71	0.68	-
14	97	70	93	65	59	45	57	17	97	0.55	0.07
15	97	72	95	68	53	37	40	10	47	0.49	-
16	105	67	102	70	43	16	19	4	47	0.56	-
17	104	74	99	71	54	50	37	16	37	0.46	-
18	105	74	101	64	44	18	24	5	36	0.53	-
19	106	73	100	73	39		19		41	0.55	-
20	108	72	98	67	39	45	20	12	38	0.56	-
21	110	74	103	70	41	50	20	16	25	0.53	-
22	111	87	101	70	27	52	9	19	80	0.65	-
23	104	81	94	72	57	44	38	14	53	0.55	-
24	101	81	98	74	58	58	39	24	55	0.58	-
25	102	74	95	70	56	46	40	17	40	0.41	-
26	102	68	100	65	33	39	16	13	44	0.47	-
27	100	67	93	62	31	23	18	7	39	0.48	-
28	100	68	95	63	27	24	14	7	34	0.44	-
29	102	70	99	64	29		16		30	0.50	-
30	104	71	98	68	52	46	36	14	27	0.52	-
31			98	71	39	44	20	12	27	0.48	-
Tot:										14.52	0.12
Ave:									46		

MASSAN

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	111	82	102	69	45	57	22	21	28	0.54	-
2	112	88	101	75	50	58	22	22	50	0.62	-
3	110	86	104	74	53	49	27	15	65	0.64	-
4	105	76	101	69	61	57	51	30	101	0.66	-
5	99	72	97	68	60	61	54	36	68	0.56	0.16
6	97	78	99	71	60	54	46	29	61	0.44	-
7	97	74	95	67	45	53	25	20	68	0.40	-
8	107	76	101	71	48	45	28	15	35	0.48	-
9	106	78	99	71	48	44	24	14	48	0.57	-
10	106	84	100	74	57	52	30	17	60	0.60	-
11	109	81	100	74	52	53	28	18	42	0.64	-
12	110	82	96	70	52	54	28	18	48	0.58	-
13	112	85	106	75	31	49	62	13	40	0.62	-
14	113	86	106	75	76	57	51	17	54	0.65	-
15	112	82	105	75	51	50	24	15	36	0.67	-
16	113	82	105	73	48		22		34	0.58	-
17	115	82	105	75	65	43	41	11	33	0.60	-
18	116	84	103	74	67	50	40	14	46	0.68	-
19	116	81	104	72	47	44	26	12	43	0.64	-
20	113	85	100	72	62	64	41	36	69	0.68	-
21	105	88	95	76	69	62	50	28	55	0.52	-
22	106	90	96	75	59	71	33	34	63	0.61	-
23	108	84	101	79	75	55	57	21	55	0.53	-
24	111	86	103	80	59	78	31	44	38	0.58	-
25	112	91	100	80	83	71	74	45	62	0.60	-
26	109	82	102	76	65	67	49	49	85	0.52	-
27	104	79	100	75	71	67	64	45	52	0.31	0.11
28	103	82	103	77	74	60	75	38	50	0.52	-
29	90	76	87	75	63	66	43	56	59	0.33	-
30	108	82	95	76	71	68	49	55	37	0.40	-
Tot:										16.77	0.27
Ave:	108	82	100	74					53		

MASSAN

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	84	98	78	68	61	52	33	61	0.60	-
2	107	86	104	68	64	67	36	47	50	0.63	-
3	104	88	100	79	68	63	45	36	84	0.62	-
4	106	86	101	78	67	67	52	45	71	0.60	-
5	102	76	100	74	73	73	78	78	74	0.40	0.60
6	92	74	90	71	73	65	86	38	32	0.40	0.70
7	100	76	98	74	59	62	40	37	40	0.43	-
8	99	80	99	75	71	71	74	54	103	0.48	-
9	102	77	99	74	70	69	61	46	79	0.42	-
10	100	80	98	78	71	72	58	45	62	0.50	-
11	102	84	102	78	75	74	72	86	77	0.56	-
12	98	76	96	74	71	73	67	65	38	0.41	0.75
13	95	80	104	77	73	64	68	44	52	0.43	-
14	98	88	101	78		67		38	81	0.45	-
15	98	88	100	80	74	55	60	20	92	0.55	-
16	105	88	101	79	70	59	51	33	99	0.59	-
17			101	79	73	64	54	36	91	0.59	-
18	106	83	99	88	65	64	35	48	53	0.39	0.02
19	104	80	103	76	71	61	67	39		0.33	0.04
20	103	80	94	74	69	59	60	33	103+	0.45	-
21	96	84	96	77	67	57	54	27	52	0.32	-
22	99	85	98	78	68	61	52	30	88	0.41	-
23	105	88	101	79	60	67	34	34	58	0.43	-
24	102	86	101	77	65	69	41	39	65	0.62	-
25	105	90	104	83	73	66	48	36	46	0.58	-
26	104	86	102	79	67	67	49	41	63	0.60	0.82
27	102	80	101	76	69	71	55	45	25	0.35	-
28			103	79	69	67	46	34	81	0.53	-
29	105	88	102	80	67	69	45	42	68	0.59	-
30	106	82	103	74	69	72	58	43	80	0.60	-
31	102	84	100	75	61	79	39	52	34	0.58	-
Tot:										15.44	2.93
Ave:			100	77					65		

+ 2 days wind movement

MASSAN

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	87	102	77	65	73	44	48	61	0.53	-
2	100	86	98	78	69	71	50	43	88	0.51	-
3	104	90	99	79	63	67	36	34	75	0.55	-
4	104	0	99	76	65	71	41	51	91	0.53	-
5	101	88	99	79	67	71	47	54	112	0.58	-
6	102	88	100	78	69	72	46	47	88	0.61	-
7	100	83	99	77	72	70	65	51	61	0.58	-
8	99	81	98	76	68	69	58	50	58	0.51	-
9	102	77	96	75	73	72	78	59	66	0.38	0.24
10	96	80	95	74	69	69	60	50	50	0.40	-
11	95	83	94	76	69	69	58	44	66	0.45	-
12	99	82	98	78	71	68	64	38	79	0.59	-
13	99	83	96	75	70	69	55	40	103	0.42	-
14			95	72	69	64	86	35	75	0.60	1.01
15	98	76	93	73	72	69	71	42	22	0.20	-
16	99	80	94	73	72	70	65	44	35	0.32	-
17	100	72	92	83	72	68	65	55	48	0.49	-
18			91	76	74	67	78	43	32	0.38	-
19	94	81	93	78	65	71	53	54	43	0.43	-
20	92	82	94	78	68	72	58	54	49	0.50	-
21	98	81	99	77	69	70	64	51	83	0.48	-
22	96	83	98	77	69	67	58	41	68	0.51	-
23	97	86	99	78	66	69	47	46	73	0.49	-
24	98	79	97	74	69	67	67	41	60	0.43	0.02
25	96	75	97	73	72	70	78	55	54	0.31	0.10
26	90	79	92	75	72	71	71	56	18	0.30	-
27	94	81	96	77	69	64	60	36	41	0.37	-
28	98	82	95	75	67	67	57	45	64	0.35	-
29	93	81	95	76	69	69	64	44	57	0.39	-
30	94	82	96	77	71	67	67	41	39	0.41	-
31	95	81	97	78	71	70	67	44	39	0.38	0.04
Tot:										13.98	1.41
Ave:			96	76					61		

MASSAN

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	82	98	78	68	68	58	42	46	0.39	-
2	97	85	98	77	68	69	52	42	82	0.40	-
3	99	88	98	77	65	67	44	38	76	0.43	-
4	100	83	97	76	66	66	51	39	63	0.50	-
5	101	86	99	77	67	64	49	35	77	0.52	-
6	99	84	96	76	68	64	55	36	84	0.55	-
7	99	86	98	77	64	66	44	39	86	0.58	-
8	97	84	96	76	64	64	48	35	96	0.55	-
9	97	83	95	76	67	65	54	41	81	0.54	-
10	99	83	98	77	68	68	58	45	70	0.52	-
11	97	82	96	76	67	67	57	47	46	0.45	-
12	96	80	98	76	65	64	56	40	43	0.43	-
13	95	81	96	76	65	65	53	38	40	0.40	-
14	98	84	96	77	67	70	52	48	62	0.42	-
15	95	84	95	76	66	69	39	50	98	0.40	-
16	97	84	96	75	68	66	55	43	70	0.43	-
17	95	72	95	72	66	61	77	40	73	0.47	0.71
18	89	72	90	71	67	69	77	60	52	0.28	-
19	86	68	85	67	60	65	70	59	68	0.29	0.50
20	87	69	85	65	63	73	75	78	32	0.31	-
21	83	65	90	64	59	47	74	30	26	0.26	-
22	84	67	86	65	53	47	56	31	18	0.28	-
23	87	64	90	63	55	50	64	31	30	0.25	-
24	93	66	91	63	53	63	56	50	25	0.29	-
25	97	65	93	64	53	54	56	32	21	0.31	-
26	96	69	91	64	62	52	71	29	31	0.28	-
27	94	70	87	64	57	47	58	23	45	0.31	-
28	96	70	92	66	51	48	47	22	28	0.33	-
29	97	72	93	67	53	42	47	17	25	0.31	-
30	97	74	92	64	55	47	51	23	36	0.38	-
Tot:										11.86	1.21
Ave:	95	77	94	71					54		

MASSAN

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	72	91	67	53	52	47	29	24	0.33	-
2	92	71	90	66	49	52	43	28	38	0.31	-
3	94	72	90	66	53	52	47	29	51	0.32	-
4	88	71	84	64	51	56	47	36	41	0.29	-
5	90	72	90	66	50	53	43	31	22	0.31	-
6	89	70	88	65	50	54	46	32	19	0.28	-
7	91	70	90	66	54	53	51	33	27	0.29	-
8	88	72	87	67	53	50	47	31	42	0.28	-
9	87	70	87	66	54	49	54	29	53	0.27	-
10	90	70	87	66	54	48	54	27	42	0.29	-
11	92	70	87	65	50	48	46	28	42	0.31	-
12	94	69	88	63	66	56	85	36	33	0.29	-
13	95	69	88	64	56	52	61	29	24	0.30	-
14	94	67	86	63	48	49	47	29	20	0.28	-
15	94	70	87	63	48	68	42	52	34	0.27	-
16	92	72	83	61	44	46	35	23	31	0.32	-
17	92	69	88	64	42	38	36	18	25	0.30	-
18	88	68	86	63	53	48	56	27	59	0.31	-
19	87	63	80	64	53	45	68	25	47	0.28	-
20	85	62	82	62	50	39	62	23	28	0.26	-
21	84	64	83	60	48	43	50	29	48	0.27	-
22	80	59	77	54	51	50	71	46	70	0.31	0.06
23	83	58	78	54	51	51	71	47	28	0.27	-
24	84	62	80	53	49	48	61	40	21	0.26	-
25	82	56	81	52	42	48	50	42	15	0.22	-
26	83	57	81	54	41	47	49	37	14	0.22	-
27	83	56	81	53	38	37	47	23	6	0.20	-
28	85	55	82	53	37	41	46	25	16	0.23	-
29	84	55	80	53	38	35	51	21	18	0.22	-
30	84	56	78	53	37	31	46	18	25	0.21	-
31	83	53	78	54	40	26	56	15	16	0.23	-
Tot:										8.53	0.06
Ave:	88	65	84	61					32		

MASSAN

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	55	76	52	41	33	53	21	17	0.22	-
2	80	56	78	54	38	33	47	20	12	0.20	-
3	81	55	79	54	40	37	40	22	11	0.22	-
4	86	54	83	53	32	39	34	23	14	0.22	-
5	87	60	84	53	53	41	68	24	21	0.22	-
6	88	54	82	52	41	49	40	36	15	0.20	-
7	85	55	77	53	37	42	37	27	39	0.18	-
8											-
9											-
10	87	54	81	57	41	18	43	12	71+	0.49	-
11	86	55	79	54	45	56	52	65	8	0.16	-
12	82	57	76	56	45	54	46	57	16	0.15	-
13	84	56	78	55	45	54	59	60	10	0.16	-
14	83	54	78	55	40	28	37	19	13	0.15	-
15	82	55	73	56	38	36	41	28	13	0.15	-
16	80	53	75	53	41	33	53	20	5	0.14	-
17	80	57	76	52	40	48	52	40	3	0.13	-
18	80	51	77	51	43	44	63	33	2	0.13	-
19	80	56	65	52	35	32	39	26	2	0.12	-
20	79	53	74	53	44	39	51	30	1	0.13	-
21	78	60	68	57	40	39	40	32	15	0.12	-
22	76	60	69	49	55	40	77	40	44	0.18	0.12
23	69	51	68	53	41	32	49	29	46	0.10	-
24	73	49	70	48	45	52	63	67	43	0.09	-
25	68	50	67	49	46	48	64	65	32	0.10	-
26	69	50	62	54	51	35	76	36	62	0.11	0.06
27	72	50	69	48	35	46	42	60	14	0.08	-
28	69	47	70	48	29	40	45	48	12	0.10	-
29	70	48	70	47	41	38	77	47	14	0.09	-
30	72	44	69	45	38	30	51	33	15	0.07	-
Tot:										4.41	0.18
Ave:									19		

+ 3 days observation.

MASSAN

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	45	71	42	41	38	61	47	12	0.09	-
2	74	45	71	46	38	19	55	22	14	0.11	-
3	74	43	65	44	17		22		11	0.09	-
4	73	48	72	48	40		48		11	0.10	-
5	74	47	72	48	38	12	51	14	18	0.11	-
6	73	45	68	46	38	28	51	29	14	0.10	-
7	73	50	67	40	46	-17	85	3	11	0.10	-
8	70	55	67	51	51		87		24	0.12	0.05
9	63	52	62	51	48		80		48	0.05	0.51
10	57	51	54	48	42	-38	67	1	18	0.05	0.55
11	58	45	57	46	41	40	77		40	0.02	-
12	65	43	64	42	48		75		7	0.05	-
13	66	45	65	48	45	18	85	18	6	0.04	-
14	65	44	66	45	43	32	85	34	4	0.05	-
15	64	47	65	46	44	40	85	48	3	0.06	-
16	60	48	62	41	46	40	85	52	10	0.07	-
17			58	50	41	45	57	59	14	0.06	-
18	61	55	60	54	30	35	36	42	8	0.07	-
19	63	53	58	51	28	38	35	44	8	0.08	-
20	65	52	62	49	34	44	44	51	5	0.09	-
21	68	50	67	48	31	45	42	52	5	0.10	-
22	67	48	66	46	37	41	59	46	5	0.10	0.02
23	64	47	66	46		43		47	15	0.12	-
24	63	51	61	46	45	45	79	68	13	0.04	0.06
25	58	46	58	46	40	46	77	64	18	0.08	-
26	60	47	62	46	44	42	85	62	26	0.10	0.15
27	55	46	54	46	46	43	100	63	7	0.06*	0.02
28	58	40	64	44	40	45	100	63	7	0.05	-
29			60	40	39	35	70	42	15	0.09	-
30	60	38	59	39	35	40	90	48	28	0.08	-
31	59	37	60	39	37	33	100	38	7	0.08	-
Tot:										2.41	1.36
Ave:			63	46					14		

* Estimated evaporation.

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MIANI FOREST - 1972

Location	Latitude 25°29', Longitude 68°25', about ¼ mile left of road near 7th milestone on Hyderabad-Sukkur National Highway.
Elevation	
Period of record	The station was established by the Project Director, Project Planning Southern Zone (old L.I.P) on 1.10.1963 and taken over by Surface Water Hydrology Project in December 1965.
Instruments	5" Non-recording rain gauge. Cazella weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 3.38 inches Evaporation (Pan) 127.92 inches Absolute maximum air temperature 116°F Absolute minimum air temperature 29°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

MIANI FOREST

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	42			46	62	85	64	20	0.16	-
2	77	40			42	63	78	68	22	0.18	-
3	75	38			[illegible]	66	92	69	29	0.16	-
4	80	45			45	65	73	69	31	0.16	-
5	78	38			42	62	78	58	31	0.19	-
6	79	39			40	57	84	65	25	0.13	-
7	76	42			46	63	92	68	30	0.12	-
8	77	37			42	64	78	65	32	0.15	-
9					44	47	92	57	40	0.14	-
10	77	41			41	59	71	67	31	0.16	-
11	78	35			39	61	70	54	22	0.16	-
12	83	42			42	51	72	41	38	0.14	-
13	79	39			40	50	71	43	42	0.17	-
14	77	37			35	48	67	40	35	0.19	-
15	76	35			34	54	62	51	39	0.18	-
16	76	41			45	55	85	57	30	0.12	-
17	77	45			42	63	72	61	48	0.16	-
18	79	49			47	66	80	61	65	0.18	-
19	81	51			50	42	81	34	56	0.21	-
20	74	55			56	63	94	61	59	0.17	-
21	79	53			53	49	93	43	42	0.18	-
22	74	49			46	55	74	61	40	0.12	-
23	73	42			42	48	72	50	40	0.15	-
24	72	39			41	46	71	39	49	0.13	-
25	75	43			45	58	79	66	44	0.16	-
26	72	39			40	57	71	65	50	0.14	-
27	74	40			40	62	77	64	35	0.16	-
28	70	38			39	51	77	59	44	0.13	-
29	69	32			33	56	81	55	42	0.17	-
30	75	36			34	59	62	51	49	0.21	-
31	84	45			47	35	67	22	42	0.24	-
Tot:										5.02	0.00
Ave:									39		

MIANI FOREST

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Pe cent 8 A.M	Relative Humidity 5 P.M	Wind Move-ment Miles	Evapo-ration inches	Rain inches
1	80	42			48	49	86	40	50	0.20	-
2	77	39			43	44	73	33	45	0.15	-
3	76	46			43	10	67	-9	37	0.12	-
4	75	38			42	14	78	-11	40	0.17	-
5	73	32			38	39	91	32	50	0.14	-
6	77	38			39	44	65	33	38	0.12	-
7	77	42			37	23	54	16	22	0.1[illegible]	-
8	81	38			43	-6	78	-4	45	0.15	-
9	79	32			39	-1	70	-6	38	0.17	-
10	76	30			37		83		42	0.20	-
11	83	40			47	57	86	49	58	0.22	-
12	80	41			46	11	79	-9	60	0.19	-
13	78	39			39	53	65	45	65	0.14	-
14	83	45			40		56		74	0.17	-
15	78	39			37	-1	64	-6	60	0.22	-
16	77	35			42	-35	72	-1	48	0.15	-
17	76	38			49	-6	65	-4	50	0.19	-
18	80	41			42	-15	67	-2	55	0.17	-
19	83	45			41	-3	57	-5	62	0.22	-
20	85	49			46	-14	64	-2	49	0.24	-
21	84	48			46		60		29	0.22	-
22	87	58			49		66		70	0.20	-
23	84	47			46		64		75	0.25	-
24	78	45			43	1	73	-6	80	0.27	-
25	75	38			36	-16	63	-2	55	0.24	-
26	72	35			38	-1	91	-5	75	0.23	-
27	80	29			41		84		35	0.24	-
28	87	36			48		93		32	0.23	-
29	85	35			45	30	79	15	56	0.24	-
Tot:										5.56	0.00
Ave:	80	40							52		

MIANI FOREST

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	87	40			47	39	74	20	50	0.27	-
2	88	45			48	45	75	27	57	0.23	-
3	83	46			45	46	68	27	60	0.25	-
4	86	47			51	47	81	26	54	0.27	-
5	87	45			35	48	39	28	32	0.28	-
6	86	48			53	59	72	41	29	0.26	-
7	89	51			53	64	68	48	65	0.22	-
8	90	53			51	65	59	46	42	0.29	-
9	89	50			41	59	43	41	75	0.31	-
10	88	48			40	55	42	34	55	0.28	-
11	91	49			40	63	40	47	60	0.30	-
12											-
13	89	50			43	69	47	46	111+	0.64+	-
14	97	57			52	72	53	47	75	0.35	-
15	98	56			52	49	50	20	60	0.30	-
16	100	57			54	56	51	29	65	0.33	-
17	99	55			55	52	51	25	55	0.32	-
18	96	53			54	61	51	32	75	0.34	-
19	97	52			57	65	58	41	55	0.37	-
20	95	51			54	71	51	41	46	0.35	-
21	100	59			63	74	68	44	82	0.42	—
22	102	63			63	78	80	49	85	0.41	-
23	103	61			63	71	80	41	80	0.46	-
24	102	62			69	73	90	40	75	0.44	-
25	104	66			71	76	90	41	90	0.47	-
26	105	64			69	75	90	41	105	0.46	-
27	103	62			65	72	76	37	75	0.43	-
28	105	68			68	73	81	34	85	0.44	-
29	107	61			68	70	81	38	90	0.42	-
30	102	59			66	69	80	39	75	0.47	-
31	100	56			67	70	81	36	60	0.45	-
Tot:										10.83	0.00
Ave:									65		

+ 2 days observation.

MIANI FOREST

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	58			69	67	81	34	80	0.46	-
2	103	59			68	70	77	38	100	0.43	-
3	105	61			67	69	73	39	102	0.47	-
4	102	59			68	49	81	20	90	0.50	-
5	99	56			66	43	80	15	85	0.46	-
6	100	57			68	44	85	18	70	0.48	-
7	99	56			66	48	77	17	82	0.49	-
8	102	59			67	46	77	17	95	0.47	-
9	105	60			64	45	72	15	90	0.48	-
10	104	63			65	46	72	17	97	0.47	-
11	102	57			64	48	72	17	35	0.42	-
12	104	59			67	59	73	26	33	0.43	-
13	113	68			64	51	61	21	65	0.49	-
14	100	70			67	46	69	18	183	0.44	-
15	99	68			73	52	86	25	312	0.50	-
16	102	69			74	53	86	24	200	0.49	-
17	100	68			74	49	86	20	53	0.42	-
18	99	65			71	51	78	21	74	0.41	-
19	101	67			65	47	62	20	80	0.49	-
20	99	65			65	49	65	20	67	0.48	-
21	100	68			65	51	62	21	55	0.47	-
22	101	67			66	53	63	24	44	0.46	-
23	97	66			72	55	82	25	80	0.49	-
24	99	67			72	54	78	23	73	0.46	-
25	101	67			73	56	78	31	90	0.45	-
26	100	72			74	59	78	36	155	0.52	-
27	101	68			74	64	83	32	263	0.48	-
28	102	69			76	69	83	37	165	0.46	-
29	103	71			75	59	75	25	72	0.43	-
30	102	69			66	59	63	27	56	0.49	-
Tot:										13.99	0.00
Ave:	102	64							102		

MIANI FOREST

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	72			69	57	64	25	130	0.47	-
2	105	72			73	63	86	30	78	0.50	-
3	02	73			73	92	78	19	89	0.42	-
4	103	73			71	50	70	18	106	0.45	-
5	105	74			72	51	74	21	201	0.49	-
6	100	74			73	53	78	22	177	0.54	-
7	100	75			74	50	83	20	197	0.62	-
8	101	75			74	45	75	12	148	0.63	-
9	108	77			76	50	75	15	144	0.71	-
10	109	77			78	52	79	16	163	0.52	-
11	110	76			79	62	87	23	134	0.54	-
12	112	77			76	68	86	29	54	0.51	-
13	113	71			71	60	74	26	129	0.66	-
14	106	72			72	57	65	21	131	0.63	-
15	108	73			73	61	65	20	43	0.56	-
16	112	77			73	65	62	26	88	0.55	-
17	110	73			79	69	96	26	82	0.62	-
18	113	77			76	86	60	49	27	0.50	-
19	116	80			79	73	76	59	162	0.67	-
20	112	80			80	63	76	33	200	0.65	-
21	108	76			77	67	91	34	250	0.61	-
22	100	77			78	92	91	82	249	0.65	-
23	103	79			79	70	83	38	273	0.52	-
24	104	79			77	71	76	39	94	0.51	-
25	106	76			75	54	72	20	212	0.60	-
26	107	69			68	41	63	14	22	0.49	-
27	104	64			67	67	63	32	60	0.48	-
28	109	76			74	75	71	41	64	0.50	-
29	110	79			78	77	79	49	154	0.59	-
30	108	79			78	78	79	46	144	0.51	-
31	106	79			79	72	80	45	132	0.45	-
Tot:										17.15	0.00
Ave:	107	75							133		

MIANI FOREST

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	77			76	73	72	40	156	0.56	-
2	103	75			71	70	51	41	140	0.50	-
3	100	80			82	75	88	38	180	0.60	-
4	109	81			80	71	80	34	185	0.52	-
5	110	86			87		92		189	0.57	-
6	109	85			86		92		175	0.59	-
7	105	84			85		88		175	0.58	-
8	115	89			89	75	92	63	186	0.61	-
9	109	81			83	71	88	34	147	0.48	0.48
10	110	84			84	71	88	36	102	0.56	-
11	108	80			81	75	87	49	126	0.49	-
12	101	81			82	82	88	53	219	0.37	-
13	105	80			79	81	83	53	150	0.48	-
14	103	79			79	71	87	43	261	0.59	-
15	102	80			81	74	84	46	267	0.58	-
16	99	82			81	72	80	45	275	0.64	-
17	100	81			80	72	80	43	281	0.54	-
18	103	83			83	78	84	56	285	0.60	-
19	103	84			84	76	88	53	318	0.68	-
20	101	83			83	75	88	49	296	0.73	-
21	103	82			81	70	84	38	248	0.62	-
22	104	80			81	73	80	44	186	0.58	-
23	101	81			80	73	80	40	134	0.38	-
24	103	84			83	73	81	40	107	0.54	-
25	104	84			83	74	77	42	96	0.59	-
26	102	83			82	76	77	45	85	0.53	-
27	103	82			81	77	80	45	96	0.41	-
28	103	83			81	81	74	51	92	0.45	-
29	105	84			84	79	84	61	60	0.67	1.98
30	99	81			82	78	88	64	26	0.24	-
Tot:										16.28	2.46
Ave:	104	82							175		

MIANI FOREST

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Water 8 A.M	Dew Water 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	81			81	80	84	65	61	0.31	-
2	100	82			81	81	77	70	68	0.36	-
3	96	80			82	79	88	61	57	0.26	-
4	98	82			81	81	80	62	140	0.37	-
5	100	83			82	79	80	64	321	0.44	-
6	98	82			81	79	80	56	277	0.50	-
7	102	84			83	82	81	88	167	0.48	-
8	100	81			82	79	88	50	96	0.29	0.34
9	103	83			83	80	84	57	147	0.40	-
10	103	82			82	78	92	64	137	0.42	0.50
11	95	81			81	79	84	64	222	0.37	-
12	98	83			84	77	92	58	266	0.45	-
13	98	83			83	78	92	59	256	0.48	-
14	99	82			83	77	88	58	220	0.52	-
15	100	82			82	77	88	54	128	0.56	-
16	101	81			81	77	84	58	71	0.48	-
17	98	82			83	77	88	58	481	0.52	-
18	102	82			82	78	88	59	260	0.55	-
19	100	81			81	77	84	58	246	0.53	-
20	99	81			81	77	87	56	241	0.47	-
21	96	81			81	78	87	56	218	0.49	-
22	98	82			83	79	92	56	256	0.48	-
23	100	81			81	77	84	56	222	0.51	-
24	99	81			81	77	84	54	277	0.57	-
25	101	82			81	79	84	61	217	0.55	-
26	98	78			78	74	91	55	267	0.57	-
27	98	81			82	77	88	54	266	0.54	-
28	102	81			81	74	87	55	236	0.50	-
29	99	81			81	73	91	54	249	0.48	-
30	100	82			82	79	88	59	267	0.51	-
31	100	82			81	75	84	55	233	0.52	-
Tot:										14.48	0.84
Ave:	99	82							212		

MIANI FOREST

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	101	81			81	74	84	52	187	0.56	-
2	98	80			81	75	87	53	171	0.57	-
3	100	81			82	74	92	52	205	0.60	-
4	98	80			79	73	80	54	226	0.47	-
5	97	79			80	72	87	54	224	0.49	-
6	94	81			81	74	91	55	226	0.40	-
7	96	81			82	76	92	53	200	0.45	-
8	100	80			80	77	87	54	189	0.43	-
9	101	80			81	73	91	42	186	0.50	-
10	101	79			80	73	87	48	181	0.52	-
11	100	82			82	72	92	49	250	0.45	-
12	99	78			79	71	91	51	174	0.47	-
13	95	80			80	72	91	49	239	0.50	-
14	97	80			81	70	96	47	200	0.51	-
15	101	82			83	75	96	50	149	0.48	-
16	103	82			82	73	92	50	109	0.39	-
17	101	81			82	76	96	53	200	0.37	-
18	99	80			81	74	96	48	161	0.45	-
19	101	81			82	76	96	47	98	0.39	-
20	103	81			87	73	84	42	77	0.37	-
21	101	81			81	74	87	42	84	0.50	-
22	103	82			83	76	96	45	113	0.45	-
23	104	83			84	73	96	42	165	0.45	-
24	103	82			83	70	96	41	177	0.51	-
25	105	83			84	69	96	39	159	0.49	-
26	105	82			82	74	92	42	151	0.53	-
27	106	82			82	75	92	43	163	0.48	-
28	105	78			80	60	96	26	102	0.50	-
29	104	75			77	59	91	26	94	0.45	-
30	103	74			76	62	87	27	100	0.43	-
31	106	74			73	67	82	40	98	0.27	-
Tot:										14.43	0.00
Ave:	101	80							163		

MIANI FOREST

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	103	75			77	68	87	38	126	0.45	-
2	102	74			76	67	87	38	132	0.45	-
3	102	75			74	69	87	44	197	0.43	-
4	97	76			76	67	87	41	224	0.45	-
5	96	77			77	63	87	38	203	0.45	-
6	98	77			78	61	97	35	199	0.49	-
7	97	77			77	61	87	32	207	0.51	-
8	98	76			77	64	91	35	188	0.45	-
9	99	75			76	63	87	33	240	0.48	-
10	101	76			77	62	87	34	160	0.52	-
11	100	75			74	71	83	41	73	0.47	-
12	102	77			77	74	87	44	183	0.49	-
13	101	76			76	75	87	36	13	0.46	-
14	107	77			77	70	87	38	150	0.52	-
15	102	78			79	69	87	42	224	0.54	-
16	97	77			78	68	87	42	242	0.55	-
17	99	78			77	69	83	40	208	0.49	-
18	100	78			77	67	79	38	207	0.52	-
19	102	76			77	60	87	34	83	0.40	-
20	100	69			67	72	69	47	44	0.35	-
21	97	67			67	70	77	44	20	0.26	-
22	98	67			68	66	77	43	30	0.30	-
23	98	68			65	67	65	41	28	0.27	-
24	99	61			57	46	49	18	26	0.30	-
25	103	60			61	42	57	15	18	0.28	-
26	106	69			67	41	66	15	75	0.42	-
27	98	73			74	42	86	17	162	0.44	-
28	98	72			73	56	86	26	134	0.45	-
29	100	73			72	56	78	23	117	0.42	-
30	103	71			71	57	78	23	104	0.40	-
Tot:										13.01	0.00
Ave:	100	73							134		

MIANI FOREST

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	71			72	54	78	23	87	0.42	-
2	103	75			74	56	83	23	82	0.36	-
3	101	73			74	69	86	40	93	0.36	-
4	102	66			74	64	86	36	37	0.27	-
5	99	67			65	60	65	34	36	0.28	-
6	96	70			70	61	90	35	39	0.26	-
7	100	69			69	67	67	40	26	0.29	-
8	101	61			64	70	68	41	15	0.25	-
9	104	58			65	67	76	38	58	0.37	-
10	103	61			65	62	59	34	53	0.37	-
11	104	60			64	63	59	36	40	0.25	-
12	102	60			65	62	62	37	45	0.23	-
13	100	59			62	62	58	41	50	0.24	-
14	99	57			59	61	53	39	33	0.22	-
15	98	57			61	63	60	39	29	0.20	-
16	99	59			65	63	72	38	59	0.25	-
17	98	61			67	55	73	27	29	0.27	-
18	101	61			68	57	77	30	70	0.36	-
19	98	60			67	52	77	25	40	0.31	-
20	97	58			66	41	77	15	23	0.25	-
21	96	58			64	45	76	19	12	0.20	-
22	95	67			62	52	75	25	31	0.22	-
23	95	58			63	58	80	35	29	0.19	-
24	91	57			61	64	79	48	35	0.17	-
25	89	58			61	63	75	45	38	0.14	-
26	90	59			57	54	65	35	31	0.18	-
27	89	58			54	53	60	34	53	0.19	-
28	88	57			55	49	64	29	49	0.18	-
29	88	49			48	47	53	30	16	0.17	-
30	88	44			52	48	87	27	18	0.18	-
31	95	48			58	44	83	23	16	0.12	-
Tot:										7.75	0.00
Ave:	97	61							41		

MIANI FOREST

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	48			56	48	73	24	12	0.13	-
2	97	51			59	48	79	27	17	0.19	-
3	92	50			53	44	87	23	25	0.18	-
4	92	48			52	46	87	24	28	0.19	-
5	95	51			52	48	87	27	7	0.15	-
6	96	48			50	47	62	26	8	0.14	-
7	94	47			53	51	76	30	10	0.20	-
8	97	47			57	44	88	24	20	0.22	-
9	95	46				45		25	50	0.27	-
10	94	45			55	43	88	25	38	0.23	-
11	93	44			52	46	81	27	44	0.19	-
12	92	46			53	46	87	27	21	0.18	-
13	93	46			52	59	81	37	16	0.19	-
14	95	53			61	59	89	40	16	0.25	-
15	95	62			68	52	85	29	43	0.18	-
16	94	60			61	51	71	30	38	0.22	-
17	92	50			56	63	73	53	24	0.21	-
18	94	57			59	67	79	54	15	0.18	-
19	89	52			58	67	70	60	21	0.19	-
20	92	52			59	53	88	30	15	0.16	-
21	93	55			57	54	88	41	21	0.18	-
22	91	55			61	59	89	51	39	0.23	-
23	82	54			54	54	77	48	22	0.18	-
24	79	54			57	54	83	51	32	0.18	-
25	79	51			56	51	88	47	29	0.17	-
26	78	45			47	55	86	49	30	0.13	-
27	80	47			51	53	93	47	14	0.11	-
28	78	49			50	54	87	51	31	0.12	-
29	78	49			52	46	93	33	28	0.12	-
30	80	46			46	53	85	47	29	0.14	-
Tot:										5.41	0.00
Ave:	90	50							25		

MIANI FOREST

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	81	47			51	51	76	41	36	0.18	-
2	80	46			56	52	88	42	22	0.12	-
3	82	50			57	49	88	40	31	0.15	-
4	80	53			47		65		44	0.16	-
5	79	49			45	51	59	41	35	0.17	-
6	79	45			48	65	70	69	25	0.14	-
7	80	41			43	43	78	25	14	0.13	-
8	88	45			42	52	78	44	19	0.11	-
9	86	44			41	48	77	40	30	0.13	-
10	84	44			43	47	85	44	50	0.17	-
11	78	42				49		45	10	0.12	-
12	75	40				43		39	48	0.12	-
13	76	38			-33	44	1	42	50	0.13	-
14	77	39				46		43	44	0.11	-
15	75	38			-14	41	3	38	46	0.12	-
16	75	37			-26	40	2	37	13	0.14	-
17	73	37			10	49	14	45	30	0.14	-
18	74	38			19	51	22	49	50	0.10	0.08
19	73	37			13	48	17	42	60	0.11	-
20	75	39			30	50	33	43	60	0.12	-
21	78	43			37	48	40	42	50	0.13	-
22	76	46			46	48	60	47	60	0.14	-
23	72	44			37	49	43	51	30	0.12	-
24	75	46			46	54	79	57	50	0.13	-
25	75	45			47	51	80	52	33	0.10	-
26	73	43			46	47	85	47	23	0.09	-
27	72	42			42	51	78	52	20	0.11	-
28	72	44			43	45	78	46	30	0.13	-
29	71	43			44	47	85	47	53	0.14	-
30	70	42			46	45	92	46	33	0.14	-
31	72	43			45	10			24	0.11	-
Tot:										4.01	0.08
Ave:	77	43							36		

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MIANWALI - 1972

Location	Latitude 32°35', Longitude 71°31', in the premises of Canal Colony Mianwali.
Elevation	620 ± ft. msl.
Period of record	Feb, 1962 to date, station established by Surface Water Hydrology Project, WAPDA. Rainfall station of Pakistan Meteorological Services.
Instruments	5" Non-recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 14.36 inches Evaporation (Pan) 88.36 inches Absolute maximum air temperature 119°F Absolute minimum air temperature 29°F
Remarks	Observations of precipitation, Pan evaporation, maximum and minimum temperatures and wind travel, are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

MIANWALI

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	37			33	35	67	32	19	0.07	-
2	71	35			29	33	64	31	17	0.06	-
3	72	34			25	32	56	29	25	0.08	-
4	71	34			28	35	64	34	20	0.09	-
5	70	32			25	33	62	33	29	0.10	-
6	69	31			21	30	52	30	28	0.10	-
7	67	30			24	35	61	36	29	0.10	-
8	66	29			21	30	59	28	23	0.09	-
9	69	30			24	28	61	23	17	0.08	-
10	71	31			25	33	62	31	24	0.09	-
11	71	30			21	35	52	32	25	0.09	-
12	70	31			23	33	54	33	22	0.08	-
13	67	35			35	37	62	50	21	0.07	-
14	62	38			35	38	74	38	44	0.09	-
15	68	36			36	40	75	40	35	0.09	-
16	68	39			36	33	75	35	22	0.08	-
17	66	38			34	40	68	37	33	0.09	-
18	71	40			35	40	68	40	26	0.09	-
19	69	42			38	41	70	41	18	0.08	-
20	69	45			46	45	79	59	28	0.09	-
21	62	45			45	45	85	73	28	0.05	0.08
22	55	38			36	35	82	42	23	0.03	0.41
23	61	40			39	30	84	36	42	0.08	-
24	62	39			40	35	84	36	20	0.07	-
25	66	41			38	40	76	42	21	0.07	-
26	66	40			39	43	84	44	15	0.06	-
27											
28											
29	70	43			42	46	72	61	61+	0.24+	-
30	58	49			48	49	86	86	42	0.04	0.18
31	55	48			48	46	93	74	33	0.02	0.61
Tot:										2.85	1.28
Ave:									29		

+ 3 days observation.

MIANWALI

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	57	48			46	40	85	42	23	0.03	0.02
2	65	41			35	23	62	21	32	0.07	-
3	67	37			30	14	59	14	38	0.10	-
4	68	39			24	15	45	15	45	0.11	-
5	66	38			30	23	59	21	26	0.09	-
6	66	36			26	25	51	22	41	0.11	-
7	67	35			27	28	57	27	28	0.10	-
8	65	32			28	32	64	28	38	0.10	-
9	68	34			28	28	58	23	30	0.11	-
10	69	38			34	33	68	31	25	0.11	-
11	68	42			42	45	72	68	44	0.12	-
12	57	36			35	33	82	51	54	0.06	0.71
13	54	37			35	40	74	56	63	0.07	0.30
14	60	39			36	38	75	60	65	0.09	0.12
15	56	34			33	27	81	33	40	0.07	-
16	58	35			35	30	82	33	25	0.08	-
17	63	35			32	30	73	28	36	0.09	-
18	65	36			33	32	74	29	21	0.10	-
19	67	38			36	32	75	26	29	0.10	-
20	70	40			36	34	69	27	27	0.11	-
21	72	45			42	40	72	37	23	0.11	-
22	71	47			55	48	73	53	36	0.12	-
23	68	48			45	38	79	38	44	0.11	0.03
24	68	41			20	12	34	14	78	0.16	-
25	64	39			19	8	33	11	73	0.14	-
26											-
27	66	36			25	14	46	13	99+	0.29+	-
28	69	36			26	23	51	18	33	0.15	-
29	70	38			27	34	47	27	33	0.16	-
Tot:										3.35	1.18
Ave:									43		

+ 2 days observation.

MIANWALI

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	72	37			25	30	41	21	32	0.16	-
2	75	39			28	26	48	16	30	0.17	-
3	78	42			37	37	59	24	33	0.18	-
4	80	48			43	37	58	31	32	0.19	-
5	72	49			45	42	68	36	70	0.17	0.03
6	73	48			47	39	80	32	40	0.18	-
7	74	50			48	47	75	49	32	0.18	-
8	69	51			52	45	87	40	24	0.09	0.12
9	72	50			49	39	80	30	42	0.13	-
10	74	50			47	44	74	45	24	0.14	-
11	70	51			48	44	75	42	44	0.15	-
12	71	53			53	49	87	51	71	0.14	0.01
13	70	50			49	41	75	31	45	0.09	0.10
14	76	50			46	35	69	23	38	0.15	-
15	78	53			48	37	70	24	31	0.15	-
16	79	52			47	42	65	27	49	0.16	-
17	81	53			48	47	65	31	25	0.16	-
18	82	52			47	46	61	33	22	0.17	-
19	80	56			56	53	82	56	38	0.16	0.08
20	72	55			53	46	72	33	47	0.13	0.06
21	80	53			49	41	66	25	22	0.15	-
22	83	54			50	43	62	25	29	0.16	-
23	86	56			52	54	67	32	17	0.17	-
24	90	57			53	57	68	33	17	0.18	-
25	92	59			55	56	64	32	12	0.20	-
26	92	60			56	55	61	34	48	0.22	-
27	90	60			55	51	61	33	74	0.25	0.02
28	87	63			55	54	58	35	32	0.23	-
29	88	63			56	46	61	24	41	0.24	0.03
30	88	63			53	56	56	36	26	0.22	-
31	89	58			47	44	47	23	20	0.23	-
Tot:										5.30	0.45
Ave:	80	53							36		

MIANWALI

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	90	56			43	40	41	18	21	0.24	-
2	91	55			48	50	50	28	18	0.24	-
3	89	59			47	51	44	33	30	0.25	-
4	86	62			55	56	69	55	37	0.25	-
5	79	54			53	51	72	35	71	0.24	0.35
6	83	57			55	49	69	29	26	0.21	-
7	87	60			58	50	78	31	55	0.26	0.10
8	87	59			55	50	69	33	41	0.25	0.12
9	86	55			52	47	63	30	62	0.28	-
10	85	56			55	53	64	38	31	0.25	-
11	84	58			54	53	57	31	33	0.26	-
12	89	60			57	51	58	26	22	0.27	-
13	94	60			51	47	47	20	16	0.27	-
14	97	61			54	47	51	23	17	0.28	-
15	96	67			53	56	45	36	40	0.32	-
16	91	62			60	59	70	44	76	0.34	0.07
17	87	60			57	58	74	45	41	0.29	0.09
18	84	59			59	54	74	37	34	0.23	-
19	85	60			57	52	65	36	39	0.25	-
20	85	62			54	48	57	32	35	0.26	-
21	84	60			55	51	58	30	30	0.25	-
22	88	63			54	47	54	25	18	0.26	-
23	90	61			54	51	51	27	36	0.27	-
24	92	63			57	50	55	23	26	0.28	-
25	95	63			57	54	53	26	17	0.28	-
26	98	67			50	53	37	27	26	0.29	-
27											-
28	94	62			59	62	62	58	121+	0.61+	0.46
29	85	60			57	51	62	30	38	0.30	0.27
30	88	62			50	52	59	28	14	0.26	-
Tot:										8.65	1.46
Ave:									40		

+ 2 days observation.

MIANWALI

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	93	58			48	57	40	47	39	0.31	-
2	84	59			54	54	51	32	21	0.24	0.14
3	92	62			55	56	49	31	23	0.28	-
4	94	67			57	55	53	34	28	0.30	-
5	89	68			61	56	63	36	71	0.32	0.03
6	88	68			55	52	51	32	72	0.31	0.04
7	87	60			54	52	57	29	91	0.29	0.02
8	91	67			57	53	53	27	34	0.30	-
9	95	71			50	52	33	23	41	0.34	-
10	98	72			50	59	31	28	50	0.36	-
11	101	74			53	62	34	31	26	0.35	-
12	102	74			57	62	38	27	19	0.33	-
13	106	77			53	61	31	44	64	0.39	-
14	100	69			56	51	44	24	93	0.46	0.12
15	98	67			52	60	36	29	32	0.36	-
16	103	72			51	52	33	19	58	0.41	-
17	104	73			52	56	32	22	36	0.38	-
18	106	73			51	50	30	16	27	0.39	-
19	107	74			44	37	23	10	34	0.41	-
20	109	72			43	43	21	12	30	0.43	-
21	111	73			49	60	26	24	21	0.44	-
22	111	80			51	59	26	24	73	0.53	-
23	108	81			60	48	34	17	51	0.46	-
24	104	76			65	61	46	28	31	0.41	-
25	105	68			63	40	50	12	38	0.43	-
26	106	68			44	39	24	13	37	0.45	-
27	104	69			43	40	25	14	40	0.42	-
28	104	66			47	48	31	17	33	0.44	-
29	105	67			48	55	28	22	32	0.45	-
30	106	70			49	50	30	16	30	0.45	-
31	108	71			49	53	29	17	27	0.46	-
Tot:										11.90	0.35
Ave:	101	70							42		

MIANWALI

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	112	78			59	57	37	19	29	0.48	-
2	113	80			62	59	37	20	57	0.52	-
3	113	81			63	58	38	20	58	0.53	-
4	111	78			62	63	55	36	103	0.62	0.71
5	97	71			58	60	48	31	60	0.44	-
6	99	73			58	56	43	26	42	0.44	-
7	100	72			56	50	36	18	78	0.48	-
8	104	74			58	31	39	8	42	0.46	-
9	107	77			59	52	40	17	37	0.47	-
10	108	80			60	58	47	20	43	0.49	-
11	111	79			65	55	44	18	30	0.50	-
12	113	81			59	58	37	19	33	0.52	-
13	114	82			51	54	24	16	36	0.55	-
14	114	82			55	61	28	20	49	0.55	-
15	115	81			53	52	27	15	32	0.56	-
16	116	83			55	47	27	11	40	0.58	-
17	117	80			50	49	23	12	35	0.58	-
18	119	84			69	53	42	14	41	0.59	-
19	118	85			59		30		31	0.57	-
20	117	83			63	65	43	30	67	0.63	-
21	109	87			67	71	43	32	28	0.48	-
22	111	86			63	64	36	29	44	0.49	-
23	108	84			62	72	37	35	60	0.52	-
24	110	83			65	69	41	31	26	0.46	-
25	112	85			69	60	44	24	52	0.49	-
26	111	78			67	66	57	36	58	0.53	-
27	105	76			71	65	70	35	65	0.41	0.09
28	102	79			68	70	52	47	42	0.38	-
29	98	78			67	65	54	32	36	0.35	-
30	105	81			69	69	50	34	38	0.39	-
Tot:										15.06	0.80
Ave:	110	80							46		

MIANWALI

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	107	82			69	66	55	31	65	0.42	-
2	106	84			75	63	57	24	50	0.40	-
3	111	86			74	59	52	23	44	0.46	-
4	113	86			71	64	49	35	45	0.47	-
5	104	79			73	77	71	70	40	0.39	-
6	88	70			69	68	77	45	31	0.23	0.48
7	95	76			73	60	65	29	29	0.29	-
8	102	75			68	74	63	52	41	0.37	-
9	99	78			71	72	58	54	40	0.36	-
10	96	79			72	76	59	55	26	0.34	-
11	98	81			75	69	69	77	31	0.37	-
12	94	74			73	75	71	60	26	0.25	0.08
13	95	76			75	67	72	38	20	0.29	-
14	100	82			77	67	69	34	16	0.31	-
15	103	86			79	68	70	31	13	0.34	-
16	108	87			76	73	60	36	23	0.38	-
17	110	86			75	68	57	33	18	0.39	-
18	106	83			70	70	55	41	39	0.42	-
19	105	79			72	66	71	36	36	0.37	0.13
20	100	72			70	77	74	56	22	0.31	0.52
21	99	77			75	68	69	38	8	0.28	-
22	102	83			77	73	63	39	10	0.32	-
23	106	84			74	73	57	42	14	0.35	-
24	104	85			75	77	57	45	18	0.34	-
25	106	86			76	75	63	46	7	0.34	-
26	105	76			69	70	67	47	29	0.37	0.29
27	102	80			78	67	69	30	19	0.33	-
28	107	82			80	68	70	31	11	0.34	-
29	109	83			76	65	60	28	18	0.36	-
30	111	72			68	70	60	41	37	0.41	-
31	101	80			72	71	59	39	20	0.33	-
Tot:										10.93	1.82
Ave:	103	80							28		

MIANWALI

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	105	81			67	65	52	30	33	0.37	-
2	106	82			75	72	60	37	32	0.39	-
3	107	84			69	69	50	32	31	0.40	-
4	108	85			71	71	54	36	36	0.41	-
5	108	83			70	68	53	33	41	0.43	-
6	106	84			69	71	50	41	52	0.46	-
7	104	82			78	69	73	46	41	0.41	-
8	100	72			72	77	71	58	42	0.37	1.41
9	97	71			71	73	74	57	39	0.32	0.95
10	93	76			75	73	72	48	20	0.28	-
11	98	78			75	77	69	54	22	0.31	-
12	100	81			73	75	62	50	43	0.36	-
13	99	81			75	75	69	53	68	0.38	-
14	97	70			69	69	81	58	63	0.42	0.77
15	88	73			74	74	78	55	18	0.18	0.02
16	95	77			75	77	72	54	13	0.22	-
17	100	81			74	76	68	63	31	0.28	-
18	93	78			73	75	75	55	35	0.25	-
19	98	80			73	74	68	65	32	0.27	-
20	93	78			72	72	68	49	24	0.21	0.06
21	98	77			71	71	67	45	29	0.27	-
22	99	80			73	67	68	34	23	0.29	-
23	102	82			75	73	69	78	21	0.31	-
24	100	74			74	79	78	61	40	0.32	0.27
25	97	74			67	70	66	51	24	0.27	-
26	93	75			73	72	71	49	7	0.22	-
27	97	76			75	73	72	50	9	0.24	-
28	100	78			73	69	71	44	23	0.28	-
29	99	77			75	74	75	55	31	0.29	-
30	97	79			74	72	68	49	10	0.25	-
31	98	80			74	72	75	45	21	0.27	-
Tot:										9.73	3.48
Ave:	99	78							31		

MIANWALI

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	80			75	75	75	49	16	0.28	-
2	101	81			75	65	69	32	10	0.28	-
3	103	80			71	68	58	33	17	0.31	-
4	105	78			71	67	64	34	8	0.29	-
5	104	78			72	70	65	41	11	0.29	-
6	103	79			73	69	65	39	13	0.30	-
7	103	80			71	66	61	36	12	0.30	-
8	102	81			72	69	65	40	16	0.29	-
9	102	79			73	72	68	45	15	0.28	-
10	101	79			73	69	71	42	18	0.28	-
11	99	78			71	69	64	48	15	0.27	-
12	99	76			74	71	75	45	18	0.27	-
13	100	79			73	71	68	41	11	0.26	-
14	102	81			72	69	65	42	15	0.28	-
15	99	78			75	66	69	36	20	0.29	-
16	101	80			71	64	61	36	23	0.30	-
17	99	66			67	68	90	58	34	0.33	1.33
18	87	69			71	63	86	50	11	0.18	-
19	87	64			63	64	84	61	46	0.21	0.34
20	81	65			53	49	53	30	24	0.17	-
21	85	63			52	55	53	37	23	0.18	-
22	87	60			57	56	65	36	7	0.18	-
23	89	60			56	55	65	30	10	0.19	-
24	93	61			56	51	61	24	8	0.20	-
25	96	60			52	44	50	18	14	0.22	-
26	98	62			56	50	55	22	12	0.21	-
27	99	64			59	52	59	23	18	0.21	-
28	99	63			57	56	55	28	9	0.20	-
29	98	64			60	59	63	34	17	0.22	-
30	96	66			57	57	55	33	12	0.21	-
Tot:										7.48	1.67
Ave:	97	72							16		

MIANWALI

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	65			57	60	55	34	24	0.23	-
2	97	66			62	64	64	40	12	0.22	-
3	96	68			52	52	42	32	45	0.25	-
4	88	67			57	63	53	43	57	0.27	-
5	93	67			61	62	63	41	21	0.24	-
6	94	65			56	61	55	40	26	0.25	-
7	94	66			58	62	59	45	29	0.26	-
8	90	68			61	63	63	43	20	0.22	-
9	92	66			63	60	68	38	21	0.21	-
10	92	65			58	61	59	39	26	0.22	-
11	95	64			57	59	58	34	20	0.22	-
12	96	63			53	56	53	31	32	0.23	-
13	96	62			54	55	57	30	14	0.22	-
14	95	61			53	57	56	33	32	0.24	-
15	95	62			54	53	57	30	27	0.23	-
16	94	60			56	50	61	28	22	0.23	-
17	93	61			53	48	56	27	26	0.22	-
18	90	65			52	52	53	44	70	0.28	-
19	80	58			52	52	56	38	65	0.26	-
20	84	58			48	54	53	37	26	0.23	-
21	86	63			54	55	68	51	52	0.27	-
22	77	52			49	47	61	37	72	0.21	0.02
23	78	50			46	45	60	30	32	0.17	-
24	83	51			44	43	55	26	29	0.18	-
25	84	52			47	48	65	32	22	0.17	-
26	85	53			48	45	65	27	25	0.17	-
27	86	51			46	49	60	30	23	0.18	-
28	87	50			45	46	59	29	22	0.18	-
29	86	49			41	49	53	34	26	0.19	-
30	85	51			47	48	65	33	19	0.18	-
31	84	50			48	53	70	45	18	0.17	-
Tot:										6.80	8.02
Ave:	89	60							31		

MIANWALI

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	83	50			47	49	69	36	18	0.16	-
2	83	51			46	48	64	33	19	0.16	-
3	84	50			43	49	58	34	26	0.17	-
4	85	50			42	45	54	30	32	0.18	-
5	85	49			41	52	53	38	26	0.18	-
6	86	48			40	51	52	35	15	0.16	-
7	86	50			45	52	59	36	18	0.17	-
8											
9											
10	87	51			44	48	55	32	48	0.47+	-
11	86	52			47	52	65	38	14	0.15	-
12	85	53			48	48	65	33	17	0.15	-
13	84	53			49	46	66	33	16	0.14	-
14	84	52			47	54	65	41	20	0.15	-
15	85	53			49	57	70	47	21	0.15	-
16	84	51			47	55	69	49	18	0.14	-
17	83	52			49	54	75	48	14	0.13	-
18	82	51			48	53	75	47	9	0.11	-
19	82	50			47	54	74	51	18	0.12	-
20	81	51			48	57	75	55	14	0.11	-
21	81	53			51	54	76	57	10	0.09	-
22	76	56			53	51	82	59	57	0.12	0.14
23	71	50			50	48	87	53	49	0.10	-
24	71	48			48	45	80	49	45	0.11	-
25	72	47			47	44	80	48	20	0.11	-
26	70	47			46	45	79	46	43	0.13	-
27	72	45			42	51	78	49	18	0.11	-
28	76	44			41	52	77	53	14	0.11	-
29	75	44			42	49	78	45	15	0.10	-
30	75	43			39	51	70	49	18	0.10	-
Tot:										4.08	0.14
Ave:									22		

+ 3 days observation.

MIANWALI

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	43			41	47	77	44	18	0.11	-
2	76	44			42	46	78	43	16	0.10	-
3	76	43			41	46	77	41	17	0.10	-
4	77	44			42	49	78	51	19	0.11	-
5	74	45			41	46	71	43	10	0.09	-
6	75	43			40	47	77	47	17	0.10	-
7	75	44			42	44	78	42	15	0.09	-
8	74	49			52	47	87	57	23	0.07	0.09
9	67	50			50	50	93	81	46	0.08	0.31
10	58	48			49	45	93	59	35	0.06	0.97
11	62	44			45	38	85	41	23	0.05	-
12	66	42			44	43	92	47	27	0.06	-
13	67	41			43	40	92	42	21	0.06	-
14	70	42			41	38	84	41	12	0.07	-
15	69	43			43	41	85	43	15	0.07	-
16	67	45			47	42	86	58	12	0.06	-
17	61	48			48	47	88	65	33	0.07	0.02
18	62	46			45	45	85	52	23	0.06	-
19	67	44			45	41	92	43	18	0.06	-
20	70	45			44	40	85	40	14	0.07	-
21	69	43			44	40	92	42	13	0.06	-
22	68	43			44	38	85	41	22	0.07	-
23	67	44			43	41	85	49	20	0.07	-
24	64	46			49	46	93	64	23	0.04	0.18
25	62	45			45	45	92	63	18	0.05	-
26	60	46			45	43	85	63	47	0.07	0.11
27	59	43			43	40	92	56	45	0.06	0.03
28	60	39			36	34	75	41	35	0.06	-
29	61	36			30	28	65	35	42	0.07	-
30	61	37			32	28	66	32	48	0.08	-
31	62	36			32	32	73	34	24	0.06	-
Tot:										2.23	1.71
Ave:	67	44							24		

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MUZAFFARABAD - 1972

Location	Latitude 34°23', Longitude 73°29' near a military camp.
Elevation	2,250 ± ft. msl.
Period of record	Recording rain gauge established by Surface Water Hydrology Project since 1962, other instruments were installed in November 1968.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperatures thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 50.44 inches Evaporation (Pan) 60.67 inches Absolute maximum air temperature 108°F Absolute minimum air temperature 32°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

MUZAFFARABAD

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1			52	42					7	0.06	-
2	70	38	60	38	37	32	91	34	22	0.08	-
3	71	36	62	35	32	32	81	36	22	0.10	-
4	67	36	56	35	30	31	66	37	12	0.08	-
5	69	35	55	34	29	31	73	35	16	0.05	-
6	68	32	53	35	29	21	80	24	15	0.08	-
7	68	32	56	32	29	29	73	36	5	0.07	-
8	62	37	52	36	34	34	82	58	7	0.06	-
9	48	34	42	33	31	27	81	30	5	0.05	-
10	68	36	55	35	32	25	81	29	7	0.06	-
11	69	35	57	35	27	25	65	27	8	0.05	-
12	67	36	56	34	30	25	74	31	11	0.06	-
13	60	38	52	36	23	43	42	79	9	0.04	-
14	56	44	53	42	42	39	85	53	20	0.05	0.37
15	64	42	61	40	37	38	77	57	15	0.04	-
16	62	44	54	41	27	32	35	42	30	0.06	-
17	63	45	59	44	42	34	85	35	29	0.08	-
18	66	42	61	42	39	32	84	39	9	0.07	-
19	60	43	54	41	29	45	40	57	93	0.09	-
20	64	50	57	48	46	42	80	73	27	0.07	-
21	54	48	50	45	41	40	73	84	32	0.08	0.58
22	48	36	45	35	33	41	82	63	16	0.09	2.19
23	59	38	56	38	35	41	83	67	30	0.06	-
24	54	40	52	40	35	41	69	51	29	0.07	-
25	62	43	60	42	41	43	85	64	33	0.07	-
26	57	45	55	44	42	39	79	62	35	0.08	-
27											
28	67	40	65	39	36	38	76	57	59+	0.16+	-
29			56	45	43	44	85	92	20	0.05	0.05
30	49	43	48	41	42	44	92	92	30	0.05	0.25
31	49	43	48	42	40	42	84	92	41	0.07	1.46
Tot:										2.08	4.90
Ave:									22		

+ 2 days observation.

MUZAFFARABAD

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	45	43	44	41	42	43	92	85	33	0.05	0.51
2	49	38	48	36	37	49	91	71	13	0.04	0.16
3			60	41	36	47	76	70	40	0.08	-
4	60	43	57	40	38	37	77	56	35	0.06	-
5	58	42	55	41	37	33	77	49	43	0.09	-
6	54	38	52	37	37	34	91	54	51	0.09	0.24
7	56	38	54	36	33	29	75	34	62	0.09	-
8	62	37	60	36	31	27	74	28	57	0.10	-
9	66	36	61	34	32	27	81	35	28	0.09	-
10	58	37	55	36	19	29	31	31	30	0.08	-
11	60	46	54	42	41	31	79	37	90	0.11	-
12	58	38	50	37	40	29	92	60	67	0.12	1.06
13	44	36	41	35	35	29	91	73	15	0.07	0.20
14	43	33	40	32	29	30	80	51	17	0.08	0.25
15	52	33	51	33	30	39	80	72	20	0.07	-
16	57	34	55	32	12	27	27	35	31	0.06	-
17	60	35	57	34	28	27	73	30	15	0.07	-
18	62	36	61	34	32	34	81	37	21	0.09	-
19	64	37	62	36	33	35	82	36	15	0.08	-
20	68	38	64	36	33	41	75	42	21	0.10	-
21	72	38	67	37	38	41	61	67	46	0.13	-
22	56	48	48	45	38	41	66	63	118	0.12	0.16
23	57	47	51	44	39	43	62	64	127	0.14	0.06
24	58	46	55	45	43	34	85	54	92	0.13	0.66
25	54	42	52	40	39	35	84	47	28	0.08	-
26	60	38	58	36	33	37	75	45	41	0.10	-
27	62	40	59	38	36	29	83	27	16	0.09	-
28	68	41	65	40	36	26	70	25	24	0.10	-
29	64	40	62	38	35	25	76	23	18	0.11	-
Tot:										2.62	3.30
Ave:			55	38					42		

MUZAFFARABAD

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	68	41	65	40	39	31	84	25	22	0.12	-
2	74	43	71	42	38	31	77	24	23	0.11	-
3	73	44	70	43	25	32	34	23	21	0.13	-
4	75	51	68	50	45	47	75	70	45	0.12	0.19
5	64	47	60	46	45	45	86	53	38	0.11	0.97
6	63	48	59	45	39	47	62	55	17	0.12	0.08
7	67	49	65	46	46	45	86	57	62	0.10	0.05
8	62	45	61	43	43	42	85	85	55	0.12	0.60
9	48	38	45	36	33	45	75	47	16	0.11	0.85
10			69	45	39	44	72	49	14	0.10	-
11	68	46	65	44	31	43	37	56	19	0.09	-
12	64	51	56	50	45	34	75	43	53	0.14	0.26
13	60	46	58	44	39	44	72	47	68	0.11	0.76
14	72	47	69	45	39	44	67	35	18	0.10	-
15	77	50	69	48	47	41	70	42	55	0.11	-
16	69	51	66	50	47	44	81	35	49	0.13	-
17	80	52	78	50	47	42	70	30	69	0.14	-
18	81	52	80	51	46	37	75	26	70	0.12	-
19	82	52	80	50	50	48	87	87	48	0.10	0.19
20	56	51	55	50	48	45	81	33	92	0.08	0.66
21	78	52	77	51	47	45	70	33	132	0.09	0.56
22	79	53	78	52	51	45	87	32	35	0.12	-
23	82	53	80	52	50	43	76	29	33	0.14	-
24	84	54	82	53	49	42	71	26	17	0.12	-
25	85	55	84	54	52	41	82	28	90	0.16	-
26	81	61	80	60	48	48	59	59	73	0.15	0.12
27	66	57	65	56	47	57	62	44	99	0.12	0.60
28	83	57	82	57	51	51	60	42	71	0.15	-
29	83	56	82	55	52	48	77	49	51	0.14	0.25
30	70	56	68	56	48	40	66	25	36	0.13	-
31	84	52	82	51	43	43	52	29	21	0.11	-
Tot:										3.69	6.14
Ave:			70	49					49		

MUZAFFARABAD

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	83	53	82	52	46	39	57	23	22	0.12	-
2	84	54	83	53	41	44	45	29	24	0.15	-
3	84	54	83	52	46	41	57	37	27	0.14	-
4	75	58	71	53	43	51	56	87	60	0.18	-
5	62	50	57	47	42	48	68	52	71	0.14	0.70
6	68	51	63	48	42	49	55	32	64	0.15	-
7	85	52	76	50	45	49	61	55	75	0.14	-
8	79	56	72	52	50	43	76	41	73	0.12	0.37
9	78	52	74	50	47	52	75	43	42	0.15	-
10	79	53	75	51	51	53	68	46	83	0.16	-
11	78	54	70	53	48	56	59	50	56	0.14	-
12	81	58	78	52	51	38	60	21	37	0.13	-
13	85	57	83	54	46	39	51	20	36	0.18	-
14	88	61	84	56	51	36	54	19	38	0.22	-
15	86	62	82	59	56	33	70	30	78	0.26	0.02
16	70	54	65	52	49	39	71	50	152	0.25	0.67
17	62	53	54	52	40	56	47	53	119	0.24	0.12
18	78	56	72	52	46	41	57	45	32	0.20	0.47
19	68	54	64	51	50	44	76	39	35	0.18	0.02
20	74	55	71	53	51	43	77	41	30	0.17	0.18
21	70	50	68	49	41	43	54	27	50	0.19	-
22	82	52	78	50	40	47	44	28	19	0.17	-
23	88	54	85	53	44	41	47	23	19	0.21	-
24	89	58	86	55	49	45	53	24	30	0.23	-
25	88	60	87	57	44	48	39	24	32	0.22	-
26	90	61	86	58	47	45	43	22	35	0.24	-
27	91	62	88	60	59	47	75	38	49	0.26	0.16
28	78	58	73	56	55	55	83	83	59	0.23	0.39
29	62	56	58	54	53	49	83	44	23	0.20	1.06
30	74	54	70	52	48	45	66	37	25	0.19	0.10
Tot:										5.56	4.26
Ave:	79	55	75	53					47		

MUZAFFARABAD

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	55	73	53	49	41	67	33	41	0.21	0.11
2	76	57	74	54	51	49	68	41	51	0.22	-
3	75	54	72	53	44	52	47	35	37	0.21	-
4	84	60	80	57	53	50	58	34	25	0.20	-
5	83	62	79	59	56	55	66	56	22	0.19	-
6	76	63	72	60	58	53	71	55	51	0.20	0.15
7	75	60	72	57	55	52	69	35	52	0.23	0.10
8	84	63	81	58	51	56	48	34	45	0.31	0.04
9	90	64	86	62	45	53	37	32	31	0.22	-
10	88	61	83	59	52	52	51	35	16	0.19	-
11	87	60	85	58	53	45	55	19	18	0.22	-
12	94	63	90	62	52	64	43	36	23	0.23	-
13	100	66	98	65	60	46	67	26	51	0.25	0.13
14	91	64	90	62	59	52	66	30	46	0.26	0.18
15	91	68	90	67	55	64	49	90	41	0.23	-
16	93	65	92	64	51	63	42	37	49	0.25	-
17	97	68	95	67	53	53	41	23	50	0.26	-
18	100	69	99	68	53	53	41	23	59	0.28	-
19	99	68	98	66	49	52	35	21	51	0.25	-
20	102	69	100	67	50	53	34	22	56	0.28	-
21	103	72	102	70	50	70	31	44	52	0.29	-
22	101	75	100	73	53	58	44	49	32	0.28	-
23	85	64	84	63	58	59	74	57	76	0.31	0.33
24	76	62	75	62	58	51	71	40	50	0.25	0.19
25	89	61	88	60	55	75	65	76	43	0.24	0.15
26	87	67	86	65	53	53	44	29	63	0.23	-
27	91	65			49	42	44	19	53	0.25	-
28	91	62	90	62	43	71	32	50	49	0.30	-
29	95	68	94	65	41	53	28	24	43	0.32	-
30	97	66	96	66	44	51	29	21	50	0.35	-
31	101	68	100	67	48	57	31	23	44	0.38	-
Tot:										7.89	1.38
Ave:	90	64							44		

MUZAFFARABAD

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	104	72	103	72	46	69	27	35	45	0.40	-
2	105	74	104	74	47	50	33	22	52	0.40	-
3	99	67	98	67	58	54	49	25	50	0.35	-
4	99	68	98	66	61	56	58	41	51	0.31	0.16
5	92	61	90	60	58	61	54	55	42	0.38	0.53
6	89	62	84	58	56	65	53	32	73	0.25	0.97
7	103	66	100	61	50	62	38	28	28	0.28	-
8	102	69	98	63	56	42	50	23	25	0.25	-
9	96	62	92	59	52	47	45	29	51	0.31	-
10	97	65	95	61	49	63	33	38	32	0.26	-
11	100	67	97	65	54	71	38	39	25	0.25	-
12	103	70	98	67	43	45	23	18	36	0.32	-
13	97	78	87	65	50	51	31	19	91	0.39	-
14	103	80	98	66	48	52	30	19	95	0.40	-
15	105	76	101	66	54	60	35	24	48	0.35	-
16	108	72	103	67	51	43	29	12	31	0.37	-
17	106	71	102	63	42	45	23	13	27	0.34	-
18	108	70	103	68	45	44	24	13	31	0.33	-
19	107	71	98	60	41	43	21	13	33	0.35	-
20	104	67	94	66	57	41	48	13	42	0.42	-
21	103	72	98	69	45	38	24	14	14	0.39	-
22	100	70	90	65	64	33	76	12	54	0.35	0.15
23	97	71	92	67	61	53	46	22	27	0.34	-
24	102	68	98	66	57	44	41	15	42	0.36	-
25	104	72	96	69	64	46	49	15	33	0.33	-
26	105	68	98	67	65	59	60	29	41	0.34	0.03
27	98	66	93	63	57	65	53	42	35	0.32	1.24
28	97	72	91	69	66	65	66	57	10	0.28	-
29	86	68	82	67	64	68	76	61	18	0.30	0.05
30	88	71	80	69	71	64	91	54	50	0.35	-
Tot:										9.99	3.13
Ave:	100	70									

MUZAFFARABAD

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	86	72	84	67	63	65	59	36	46	0.31	0.46
2	98	73	93	71	67	69	58	40	13	0.31	-
3	100	74	95	68	65	52	57	25	11	0.27	
4	97	70	93	67	67	69	77	47	61	0.37	0.22
5	96	64	94	62	57	65	56	52	43	0.35	1.02
6	88	65	84	63	63	61	89	55	42	0.28	0.74
7	82	64	78	64	57	65	63	42	26	0.26	-
8	94	68	90	66	62	65	62	43	8	0.27	-
9	95	73	91	72	71	67	86	70	22	0.30	0.37
10	83	72	80	68	65	62	69	50	27	0.26	-
11	84	68	81	66	63	68	65	67	34	0.23	1.30
12	88	70	84	68	67	63	77	48	35	0.21	0.13
13	86	68	83	67	63	69	65	47	11	0.18	-
14	94	71	91	69	67	73	73	45	9	0.25	-
15	100	72	94	70	68	72	67	46	4	0.26	-
16			96	73	68	68	61	43	5	0.28	-
17	98	66	92	63	59	68	57	49	25	0.30	0.64
18	92	74	89	72	72	69	83	49	8	0.24	-
19	93	68	90	66	60	66	52	35	16	0.22	0.04
20	101	74	98	72	69	68	61	47	14	0.20	0.79
21	95	68	93	66	61	73	58	48	17	0.25	-
22	97	72	94	69	68	69	64	38	16	0.24	-
23	103	78	99	75	63	62	48	43	20	0.28	-
24	103	72	98	70	68	71	67	62	15	0.26	0.26
25	93	73	90	71	67	63	58	51	9	0.28	-
26	97	71	95	70	66	76	70	76	11	0.27	-
27	100	75	97	72	69	64	61	33	10	0.28	-
28	102	74	98	68	63	65	56	32	8	0.26	-
29	103	73	101	70	64	63	62	33	25	0.28	-
30	98	72	94	68	69	63	82	37	21	0.26	0.05
31	96	70	93	66	67	62	73	38	30	0.27	0.46
Tot:										8.28	6.48
Ave:			91	68					21		

MUZAFFARABAD

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	72	90	70	59	69	49	41	11	0.25	-
2	97	73	93	71	68	69	64	40	9	0.23	-
3	100	78	96	75	73	73	79	45	6	0.25	-
4	101	80	99	78	73	77	75	48	5	0.26	-
5	102	82	100	79	72	70	65	44	15	0.27	-
6	100	70	94	68	69	72	90	83	21	0.28	3.93
7	82	72	80	72	67	76	77	79	4	0.27	0.67
8	88	73	84	72	69	72	70	65	7	0.24	0.09
9	89	68	86	66	64	71	72	54	14	0.22	0.20
10	92	70	90	68	66	68	73	45	2	0.21	-
11	94	72	92	70	68	67	74	44	4	0.25	-
12	96	74	93	72	72	70	83	51	6	0.24	0.23
13	93	72	88	70	69	63	66	40	19	0.23	0.08
14	92	70	89	68	67	71	81	62	9	0.21	0.04
15	90	73	86	70	69	69	82	49	3	0.24	-
16	92	74	87	72	70	67	71	44	3	0.20	-
17	94	66	92	65	65	72	90	62	12	0.25	1.75
18	91	68	89	67	68	72	82	60	3	0.22	-
19	90	74	87	72	71	69	78	59	5	0.23	-
20	86	70	84	68	67	67	85	55	7	0.21	0.20
21	88	67	82	65	61	63	65	43	7	0.18	0.04
22	92	68	90	66	64	72	76	53	9	0.20	0.90
23	94	70	91	69	68	70	82	56	2	0.21	-
24	90	71	88	68	67	67	85	55	2	0.19	0.15
25	89	68	86	67	65	64	77	51	14	0.18	0.12
26	85	66	83	64	61	64	68	41		0.17	-
27	92	68	90	68	64	67	76	44		0.20	-
28	93	72	91	71	69	67	86	58		0.25	0.22
29	86	71	83	68	66	67	81	73		0.22	0.27
30	78	68	74	65	65	70	85	82		0.17	0.46
31	79	70	75	69	68	63	82	59		0.16	-
Tot:										6.89	9.35
Ave:	91	71	88	69							

MUZAFFARABAD

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	66	79	64	62	72	76	57		0.19	0.24
2	91	68	88	67	65	69	77	49		0.15	-
3	94	70	92	70	67	70	77	45		0.17	-
4	95	72	93	71	69	67	78	41		0.18	-
5	96	72	96	68	71	70	86	44		0.16	-
6	97	76	95	67	74	67	87	42		0.20	-
7	95	75	93	73	72	70	79	45		0.22	-
8	96	77	92	74	73	65	79	42		0.18	-
9	94	71	92	69	69	66	86	48		0.18	0.24
10	90	71	88	69	67	68	77	67		0.17	-
11	82	67	79	65	63	67	76	55		0.16	-
12	87	69	85	66	66	69	81	53		0.15	-
13	90	66	89	64	61	69	61	47		0.17	-
14	94	71	92	69	67	70	77	57		0.18	-
15	92	72	90	68	67	66	77	44		0.17	0.31
16	93	72	91	70	69	65	86	43		0.16	-
17	92	70	90	67	67	69	85	53		0.14	0.65
18	90	71	89	70	67	71	81	75		0.15	-
19	87	61	85	60	59	63	89	69		0.13	0.48
20	77	62	76	61	57	67	79	70		0.10	0.60
21	85	62	84	60	58	52	71	37		0.12	-
22	84	55	82	54	51	56	77	41		0.10	-
23	85	59	83	57	55		78			0.09	-
24	88	55	87	53	47	57	58	36		0.14	-
25	91	57	88	56	49	51	55	29		0.12	-
26	90	60	86	57	57	55	79	35		0.15	-
27	91	59	87	56	55	51	78	31		0.13	-
28	89	61	88	57	48	55	49	35		0.14	-
29	91	59	87	59	60	50	75	31		0.16	-
30	90	62	88	61	58	52	74	30		0.18	-
Tot:										4.64	2.52
Ave:	90	66	88	64							

MUZAFFARABAD

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	89	60	87	59	54	57	62	38		0.15	
2	90	59	86	57	52	53	61	31		0.14	-
3	92	62	85	56	55	51	74	64		0.17	0.57
4	66	54	61	51	51	50	77	38		0.15	0.06
5	86	56	82	52	49	56	63	41		0.13	-
6	87	57	81	53	52	59	73	45		0.12	-
7	86	56	82	54	51	51	68	36		0.10	-
8	84	61	82	57	57	56	79	45		0.10	-
9	85	60	83	59	54	54	73	35		0.11	-
10	87	58	84	55	52	57	64	38		0.12	-
11	89	59	83	56	56	54	83	33		0.10	-
12	90	56	82	55	47	57	55	35		0.13	-
13	91	57	81	56	53	53	73	32		0.14	-
14	90	58	83	55	52	57	73	33		0.13	-
15	92	59	80	56	52	49	64	28		0.15	-
16	90	60	81	57	48	48	47	30	6	0.17	-
17	86	62	80	56	49	55	59	59	20	0.18	0.06
18	72	50	66	48	41	42	58	63	35	0.28	1.57
19	54	47	49	45	42	51	73	54	13	0.22	0.72
20	74	50	70	43	45	50	69	56	10	0.18	-
21	72	55	64	50	52	51	87	72	11	0.21	0.07
22	62	50	60	48	47	49	86	50	9	0.20	0.14
23	74	48	71	47	42	53	68	55	2	0.17	-
24	75	47	72	46	42	56	73	53	6	0.14	-
25	78	48	73	45	42	61	68	61	3	0.13	-
26	79	51	74	47	43	61	60	58	1	0.10	-
27	81	48	73	48	37	63	48	56	1	0.13	-
28	82	50	74	47	45	61	75	58	18	0.12	-
29	79	52	73	48	47	59	75	64	19	0.11	-
30	78	50	72	49	44	61	69	65	18	0.12	-
31	79	49	71	46	42	55	68	52	20	0.13	-
Tot:										4.53	3.19
Ave:	81	54	76	52					7		

MUZAFFARABAD

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	50	68	48	47	51	86	48	15	0.11	-
2	77	48	70	48	42	48	68	49	12	0.10	-
3	72	49	70	48	45	47	80	48	17	0.09	-
4	71	50	68	47	45	57	75	53	10	0.10	-
5	84	48	73	46	43	53	68	46	16	0.11	-
6	84	48	74	46	46	47	86	40	9	0.10	-
7	87	50	82	48	47	46	81	43	11	0.12	-
8										0.11*	-
9	85	52	80	51	47	55	75	52	14+	0.11	-
10	81	52			47	55	75	59	8	0.10	-
11	80	50	72	49	42	48	59	47	5	0.10	-
12	81	52	74	50	46	49	75	44	5	0.09	-
13	84	50	72	49	43	51	64	51	6	0.11	-
14	82	53	77	52	49	49	76	41	15	0.10	-
15	85	50	74	49	41	47	58	40	20	0.12	-
16	84	48	73	46	41	40	67	44	8	0.10	-
17	78	45	68	44	39	38	72	43	15	0.09	-
18	78	44	65	43	39	31	72	28	16	0.08	-
19	82	42	66	41	34	37	58	39	17	0.09	-
20	81	43	67	41	34	39	58	36	21	0.09	-
21	78	48	75	43	41	40	67	47	19	0.10	-
22	64	51	53	45	47	42	70	63	30	0.09	0.31
23	58	50	52	47	45	49	75	81	65	0.12	1.56
24	56	49	53	46	45	41	80	51	18	0.11	0.25
25	66	51	60	47	47	48	81	87	26	0.08	0.12
26	58	42	54	40	19	35	25	41	28	0.11	0.09
27	68	45	62	42	41	44	79	47	24	0.09	-
28	70	42	63	41	37	42	71	52	10	0.08	-
29	68	43	61	42	40	41	84	51	5	0.07	-
30	69	41	60	39	36	47	76	70	9	0.09	-
Tot:										2.96	2.33
Ave:									16		

* Estimated evaporation.

\+ Two days wind movement.

MUZAFFARABAD

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	71	42	61	40	36	45	70	57	14	0.08	-
2	67	43	58	41	37	51	71	68	6	0.06	-
3	70	42	60	40	40	44	84	47	5	0.05	-
4	68	44	61	42	39	41	78	45	5	0.04	-
5	69	43	58	41	38	38	77	43	5	0.06	-
6	67	40	59	39	35	42	69	49	4	0.04	-
7	70	43	60	40	38	34	77	46	8	0.05	-
8	58	45	53	41	39	45	72	80	21	0.04	-
9	56	48	48	43	45	42	86	73	27	0.03	-
10	54	45	49	42	42	39	85	67	29	0.05	0.43
11	52	38	51	37	31	46	74	75	15	0.05	0.09
12	64	39	58	36	34	47	75	70	7	0.04	-
13	62	38	57	35	31	47	74	62	12	0.05	-
14	67	39	58	36	33	45	75	61	7	0.03	-
15	64	40	57	38	39	44	84	69	22	0.05	-
16	57	43	49	39	34	33	54	63	22	0.04	0.02
17	49	46	45	42	43	39	85	78	43	0.04	0.42
18	48	44	45	41	43	39	92	67	8	0.05	0.07
19	54	45	49	43	35	35	59	55	48	0.03	0.06
20	56	41	51	40	39	35	84	51	46	0.04	0.23
21	57	43	53	41	38	29	71	27	15	0.03	-
22	66	42	62	41	40	37	84	65	16	0.05	-
23	53	39	47	37	35	41	83	63	32	0.04	0.03
24			52	38	31	37	48	71	29	0.05	-
25	50	42	44	40	37	38	77	57	26	0.04	0.16
26	56	43	52	38	37	42	71	85	38	0.07	0.23
27	47	43	41	37	38	42	77	73	87	0.13	1.68
28	50	42	47	41	36	39	76	57	10	0.04	0.01
29	59	43	55	40	36	42	70	79	65	0.07	0.03
30	55	41	51	38	37	42	84	63	16	0.06	-
31	60	38	56	37	34	39	82	50	12	0.04	-
Tot:										1.54	3.46
Ave:			53	39					23		

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MUZAFFARGARH - 1972

Location	Latitude 30°04', Longitude 71°02', in the premises of Civil Hospital Muzaffargarh.
Elevation	300 ± ft. msl.
Period of record	May 1962 to date, station established by Surface Water Hydrology Project WAPDA. Rainfall station of Pakistan Meteorological Services, old data available in that office.
Instruments	5" Non-recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer. Pyrheliometer.
Annual figures	Precipitation 1.08 inches Evaporation (Pan) 95.69 inches Absolute maximum air temperature 115°F Absolute minimum air temperature 34°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Solar radiation is measured in langleys per day from midnight to midnight on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

MUZAFFARGARH

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation Inches	Rain Inches
1	69	40			37	35	76	30	240		0.11	-
2	70	42			35	37	68	33	282		0.12	-
3	68	41			34	44	68	45	254		0.10	-
4	67	40			38	35	76	34	254		0.11	-
5	66	39			34	30	68	28	254		0.10	-
6	68	38			36	30	82	30	282		0.09	-
7	65	35			29	37	64	37	296		0.11	-
8	68	39			29	41	53	43	254		0.12	-
9	69	42			30	23	54	18	311		0.12	-
10	70	40			38	26	83	19	296		0.13	-
11	71	39			34	23	68	18	296		0.14	-
12	69	38			30	23	54	19	268		0.13	-
13	67	39			32	32	61	28	141		0.12	-
14	68	38			31	25	60	21	325		0.11	-
15	69	39			36	39	75	36	254		0.10	-
16	70	39			32	44	61	45	282		0.13	-
17	69	40			35	42	62	36	226		0.12	-
18	71	42			39	35	70	30	226		0.13	-
19	69	43			37	32	64	28	198		0.11	-
20	67	47			46	25	85	22	99		0.10	-
21	66	45			44	28	85	25	155		0.11	-
22	64	43			40	28	77	27	296		0.10	-
23	63	41			36	35	69	36	240		0.12	-
24	64	42			39	37	77	37	198		0.11	-
25	63	41			38	32	76	32	141		0.13	-
26	62	40			34	28	62	29	296		0.12	-
27									198			-
28									155			-
29									170			-
30	63	39			28	9	48	12	56		0.29+	-
31	62	40			30	23	49	24	56		0.10	-
Tot:											3.38	0.00
Ave:											3.38	

+ 2 days observation

MUZAFFARGARH

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	60	38			27	19	47	22	155	7	0.11	-
2	59	37			32	20	61	24	240	1	0.10	-
3	58	36			37	22	76	25	184	1	0.09	-
4	59	38			31	10	60	15	226	8	0.10	-
5	60	39			36	19	75	22	395	32	0.11	-
6	60	38			34	24	68	27	395	5	0.12	-
7	62	34			23	23	40	24	367	1	0.11	-
8	64	35			25	21	46	19	381	9	0.12	-
9	67	38			36	18	75	15	381	4	0.13	-
10	67	39			34	14	68	14	367	10	0.14	-
11	66	42			39	11	70	12	296	8	0.13	-
12	64	40			34	24	62	27	367	27	0.11	-
13	59	36			30	35	59	42	395	27	0.10	-
14	62	40			35	35	68	45	353	16	0.11	-
15	61	41			38	26	76	32	395	33	0.10	-
16	62	39			32	32	61	34	395	23	0.12	-
17	64	38			33	30	67	28	381	18	0.13	-
18	67	40			35	30	68	26	395	5	0.14	-
19	66	41			38	25	76	22	395	7	0.12	-
20	70	42			38	26	70	19	395	11	0.14	-
21	72	46			36	23	58	18	367	2	0.15	-
22	70	50			41	34	61	29	395	1	0.14	-
23	69	50			40	39	56	34	381	17	0.13	-
24	70	51			41	40	57	35	409	7	0.14	-
25	71	50			47	46	74	43	438	7	0.13	-
26	70	50			46	44	69	42	438	6	0.14	-
27	70	49			45	39	68	34	424	12	0.15	-
28	71	48			41	43	57	41	409	12	0.14	-
29	72	46			37	47	50	47	409	6	0.17	-
Tot:											3.67	0.00
Ave:	65	42										

MUZAFFARGARH

1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	70	44			34	45	48	46	424	8	0.16	-
2	71	43			29	48	38	47	395	12	0.17	-
3	72	44			30	47	39	44	353	2	0.18	-
4	74	47			35	41	42	33	226	1	0.19	-
5	72	45			45	49	68	54	424		0.20	-
6	70	46			41	50	61	58	325		0.18	-
7	68	48			45	51	68	59	212		0.17	-
8	70	50			48	48	70	50	424		0.18	-
9	68	51			49	51	70	59	409		0.17	-
10	69	50			49	52	75	56	282		0.16	-
11	72	51			50	49	76	43	381		0.17	-
12	73	52			50	55	76	58	395		0.18	-
13	74	53			51	59	76	62	438		0.19	-
14	75	54			53	60	76	63	438		0.21	-
15	74	53			49	59	66	62	353		0.20	-
16	75	52			46	61	56	67	395		0.21	-
17	76	54			50	59	62	59	409		0.22	-
18	78	55			51	62	59	64	353		0.23	-
19	80	51			46	29	64	16	395		0.24	-
20	81	52			49	34	70	19	409		0.25	-
21	83	53			55	38	82	21	395		0.24	-
22	84	55			56	40	82	22	424		0.25	-
23	86	57			57	45	83	25	395		0.26	-
24	88	59			57	44	78	23	367		0.27	-
25	90	64			58	66	59	43	311		0.35	-
26	93	69			58	64	59	40	424		0.27	-
27	93	70			56	67	61	45	438		0.28	-
28	94	70			57	64	58	40	424		0.28	-
29	93	71			57	67	58	47	466		0.29	-
30	94	70			55	65	58	44	466		0.28	-
31	93	70			58	67	66	45	438		0.27	-
Tot:											6.90	0.00
Ave:	79	55										

MUZAFFARGARH

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1					55	69	49	44	494		0.28	-
2	94	71			60	59	60	33	508		0.30	-
3	95	73			63	63	64	36	452		0.31	-
4	94	72			65	71	72	51	438		0.30	-
5	96	74			62	74	58	52	480		0.31	-
6	95	73			61	79	67	64	480		0.32	-
7	94	74			65	76	69	60	466		0.31	-
8	93	76			65	74	65	60	424		0.30	-
9	92	77			69	74	70	57	536		0.29	-
10	93	79			72	76	71	60	480		0.31	-
11	94	80			68	77	55	61	480		0.32	-
12	95	82			70	81	55	65	522		0.34	-
13	97	84			73	85	57	74	522		0.36	-
14	98	86			74	87	57	75	494		0.37	-
15	100	88			76	87	63	72	452		0.40	-
16	99	84			79	84	76	69	480		0.38	-
17	97	82			77	80	76	65	141		0.35	-
18	95	80			77	82	79	71	551		0.31	-
19	94	79			75	80	79	70	522		0.28	-
20	92	78			69	78	64	69	466		0.30	-
21	93	75			66	74	63	65	381		0.33	-
22	90	73			64	69	65	64	155		0.30	-
23	85	63			60	61	67	47	494		0.24	0.11
24	88	67			63	47	61	20	522		0.27	-
25	96	66			61	50	51	22	522		0.33	-
26	98	68			64	59	55	28	438		0.35	-
27	99	70			69	64	60	33	452		0.38	-
28	99	71			68	67	60	38	551		0.39	-
29	100	73			70	71	61	45	536		0.41	-
30	100	70			73	77	59	54	522		0.44	-
Tot:											9.88	0.11

MUZAFFARGARH

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	99	71			75	80	65	57	536		0.46	-
2	100	72			76	78	63	52	466		0.48	-
3	101	73			77	82	63	58	480		0.50	-
4	100	71			79	81	70	57	381		0.48	-
5	100	72			77	59	69	33	424		0.47	-
6	96	74			58	53	50	24	522		0.[illegible]5	-
7	97	69			57	51	55	24	480		0.47	-
8	95	72			58	54	48	23	452		0.50	-
9	100	75			62	50	50	20	438		0.49	-
10	102	78			66	64	56	29	480		0.49	-
11	104	75			63	70	47	33	466		0.55	-
12	107	78			58	64	39	32	409		0.57	-
13	110	80			58	54	35	21	438		0.59	-
14	105	74			58	47	50	18	494		0.48	-
15	101	76			57	62	38	27	508		0.43	-
16	106	80			59	55	37	21	480		0.45	-
17	105	78			53	63	30	26	508		0.44	-
18	107	73			59	55	37	19	551		0.43	-
19	111	75			54	59	32	20	579		0.50	-
20	112	81			61	63	39	22	551		0.54	-
21	115	88			66	61	43	20	536		0.58	-
22	113	79			67	58	49	20	409		0.58	-
23	110	81			59	59	36	24	466		0.50	-
24	107	76			67	59	57	25	522		0.48	-
25	104	70			55	50	39	18	522		0.40	-
26	104	68			50	61	31	26	522		0.40	-
27	106	75			66	55	56	19	593		0.42	-
28	107	66			40	54	22	20	579		0.45	-
29	106	68			50	63	33	26	579		0.43	-
30	107	72			55	65	30	28	536		0.45	-
31	106	80			68	83	50	50	409		0.43	-
Tot:											14.39	0.00
Ave:	105	75										

MUZAFFARGARH

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	109	83			69	75	44	40	480		0.50	-
2	110	82			69	66	50	29	466		0.51	-
3	108	83			75	69	57	34	438		0.48	-
4	106	76			67	73	63	50	438		0.40	-
5	98	73			75	70	79	51	339		0.43	0.33
6	99	76			71	71	74	39	466		0.40	-
7	103	78			68	68	52	33	424		0.42	-
8	104	79			67	68	54	38	339		0.43	-
9	102	76			66	57	56	21	424		0.38	-
0	107	78			68	63	55	24	494		0.41	-
11	110	80			65	78	49	38	522		0.48	-
12	113	87			76	68	63	29	409		0.52	-
13	111	86			75	67	60	26	494		0.49	-
14	112	88			69	72	44	31	494		0.54	-
15	111	84			71	75	58	35	494		0.48	-
16	111	85			77	69	72	31	508		0.46	-
17	109	80			64	67	48	28	522		0.45	-
18	110	86			77	74	69	33	522		0.46	-
19	111	85			79	81	73	53	381		0.45	-
20	103	87			77	82	67	58	268		0.38	-
21	104	89			79	77	70	48	424		0.39	-
22	109	88			75	74	57	35	466		0.44	-
23	112	85			75	75	55	35	466		0.48	-
24	113	90			77	78	56	41			0.49	-
25	109	92			78	79	59	41			0.44	-
26	111	90			77	79	58	37	367		0.50	-
27	114	88			76	80	63	57	424		0.54	-
28	103	89			83	79	74	59	254		0.45	-
29	101	80			82	81	77	51	466		0.36	-
30	105	90			80	81	62	49	381		.37	-
Tot:											13.53	0.33
Ave:	108	84										

MUZAFFARGARH

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	107	91			83	77	63	40	480		0.39	-
2	108	92			79	82	59	47	494		0.40	-
3	109	90			81	77	65	42	494		0.45	-
4	108	87			75	78	55	38	508		0.44	-
5	113	84			76	81	66	59	424		0.49	-
6	100	77			73	77	82	72	226		0.42	-
7	89	78			77	76	72	58	508		0.27	-
8	98	80			75	79	75	61	607		0.37	-
9	98	84			81	80	84	65	508		0.35	-
10	96	82			79	77	76	54	409		0.32	-
11	100	84			80	77	74	47	494		0.40	-
12	104	76			75	76	83	66	409		0.37	0.10
13	91	81			79	80	83	65	381		0.32	-
14	96	85			79	74	76	44	409		0.33	-
15	102	86			77	76	69	47	536		0.36	-
16	102	86			77	74	69	42	551		0.33	-
17	102	86			79	74	76	46	522		0.40	-
18	100	86			77	78	69	56	452		0.36	-
19	99	85			77	79	72	54	395		0.35	-
20	100	86			78	78	69	56	409		0.36	-
21	98	82			77	79	69	56	466		0.35	0.05
22	99	83			79	80	76	57	565		0.34	-
23	100	84			74	77	68	51	551		0.32	-
24	100	84			76	80	72	57	551		0.31	-
25	100	83			77	82	69	58	536		0.40	-
26	102	84			76	87	72	69	508		0.43	-
27	101	83			79	84	80	63	396		0.41	-
28	101	85			77	80	72	50	480		0.40	-
29	103	82			75	79	75	52	565		0.44	-
30	102	82			75	83	75	68	282		0.40	-
31	98	84			76	78	72	59	353		0.35	-
Tot:											11.65	0.15
Ave:	101	84										

MUZAFFARGARH

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	98	85			79	77	70	54	536		0.32	-
2	100	86			80	78	74	52	551		0.38	-
3	101	85			77	77	63	51	522		0.37	-
4	100	84			73	73	65	44	522		0.34	-
5	100	83			72	73	65	50	536		0.30	-
6	97	83			72	80	65	62	480		0.28	-
7	96	84			75	76	65	51	480		0.30	-
8	98	82			78	75	73	44	452		0.34	-
9	101	81			71	78	67	59	424		0.35	-
10	97	83			58	79	35	52	409		0.32	-
11	101	84			77	79	69	50	424		0.33	-
12	103	85			75	80	69	54	424		0.34	-
13	101	82			74	77	65	54	424		0.33	-
14	99	83			75	74	65	60	395		0.31	-
15	93	85			74	79	65	61	536		0.28	-
16	96	81			77	75	76	49	480		0.30	-
17	100	83			79	75	76	46	452		0.32	-
18	101	78			72	75	71	60	438		0.35	0.03
19	98	80			76	72	79	49	438		0.30	-
20	96	80			74	75	75	72	409		0.33	-
21	95	76			76	75	83	57	452		0.32	-
22	94	78			77	72	70	49	536		0.31	-
23	96	83			77	77	76	54	480		0.32	-
24	98	73			72	79	71	61	424		0.36	0.40
25	98	82			77	80	79	65	367		0.35	-
26	96	81			76	81	79	62	438		0.33	-
27	98	81			76	80	75	62	424		0.33	-
28	99	83			75	80	72	54	452		0.35	-
29	102	81			78	72	79	62	381		0.40	-
30	96	82			75	81	75	59	409		0.32	-
31	99	82			78	75	73	46	424		0.34	-
Tot:											10.22	0.43
Ave:	98	82										

MUZAFFARGARH

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	101	85			78	77	69	51	508	15	0.36	-
2	100	83			80	76	80	51	508	14	0.33	-
3	99	83			75	79	65	52	508	12	0.32	-
4	103	75			76	77	87	56	551	30	0.40	-
5	98	78			71	74	67	52	494		0.33	-
6									494			-
7	96	79			72	72	71	47	480		0.67+	-
8	96	80			73	74	71	55	480		0.32	-
9	97	82			68	74	58	55	480		0.35	-
10	96	77			72	75	65	53	494		0.32	-
11									480			-
12	100	80			79	79	80	54	452		0.65+	-
13	100	81			75	80	69	57	466		0.30	-
14	103	80			73	77	68	54	452		0.32	-
15	100	82			75	81	75	62	438	8	0.28	-
16	98	80			79	78	83	59	409	15	0.24	-
17	100	80			73	74	71	65	296	17	0.28	-
18	94	78			74	77	83	67	311	32	0.23	-
19	95	73			65	73	72	71	339	39	0.24	-
20	85	70			65	81	76	84	395	30	0.23	-
21	89	62			62	84	75	88	494	17	0.24	-
22	90	62			63	69	68	55	494	17	0.25	-
23	92	63			61	63	71	46	494	13	0.26	-
24	94	62			63	65	61	41	551	14	0.26	-
25	96	62			61	64	71	40	494	15	0.27	-
26	98	63			60	67	63	47	494	15	0.28	-
27	98	67			65	73	76	52	480	14	0.27	-
28	99	70			63	56	64	31	494	28	0.27	-
29	96	63			63	63	72	36	494	32	0.25	-
30	98	65			61	64	67	36	424	15	0.28	-
Tot:											8.80	0.00
Ave:												

MUZAFFARGARH

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	98	65			65	60	65	34	395	13	0.28	-
2	100	64			67	62	69	31	424	9	0.29	-
3	102	67			64	69	68	58	438	15	0.30	-
4	93	69			61	71	67	54	409	22	0.25	-
5	94	68			67	67	77	47	381	20	0.25	-
6	95	67			58	66	56	47	367	14	0.27	-
7	94	68			67	70	85	61	367	17	0.24	-
8	94	68			68	70	90	53	395	13	0.25	-
9	93	70			63	68	72	52	409	12	0.23	-
10	94	68			63	71	75	61	409	13	0.25	-
11	96	68			60	68	67	50	424	11	0.22	-
12	95	69			64	71	72	54	395	10	0.19	-
13	99	65			60	71	63	58	395	12	0.20	-
14	94	66			65	70	85	55	381	14	0.19	-
15	96	60			62	69	84	58	395	8	0.18	-
16	95	61			60	68	79	60	395	9	0.18	-
17	93	60			62	68	89	58	381	14	0.16	-
18	94	63			61	67	75	60	395	14	0.19	-
19	86	66			59	68	66	63	381	29	0.17	-
20	87	64			58	69	70	60	395	23	0.19	-
21	87	65			57	61	62	54	381	28	0.20	-
22	84	58			56	63	73	64	381	35	0.19	-
23	80	56			56	65	80	65	381	16	0.17	-
24	82	56			56	64	78	61	353	15	0.16	-
25	85	58			57	64	83	59	353	12	0.15	-
26	86	57			57	65	78	62	353	10	0.17	-
27	85	55			56	61	78	54	339	15	0.16	-
28	86	56			56	61	82	51	381	11	0.16	-
29	87	53			55	64	77	59	381	12	0.17	-
30	87	55			53	64	76	59	381	17	0.18	-
31	86	53			52	62	81	55	311	6	0.13	-
Tot:											6.32	0.00
Ave:	91	63								15		

MUZAFFARGARH

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation Inches	Rain Inches
1	88	52			53	61	87	54	339	10	0.15	-
2	88	55			53	59	82	51	353	8	0 14	-
3	87	54			54	57	88	47	353	4	0.15	-
4	86	52			52	61	87	51	353	11	0.13	-
5	88	54			51	61	76	51	339	12	0.14	-
6	87	53			55	64	82	59	339	12	0.13	-
7	86	55			55	67	73	60	353	13	0.14	-
8									296			-
9									325			-
10	87	53			51	64	76	59	339	72+	0.40+	-
11	84	52			53	62	87	52	339	13	0.12	-
12	85	56			56	62	82	58	311	13	0.14	-
13	84	57			56	65	88	65	296	11	0.13	-
14	83	55			54	64	88	59	282	11	0.12	-
15	85	56			54	59	77	51	296	11	0.13	-
16	83	56			53	65	82	62	296	12	0.12	-
17	84	57			56	56	88	48	296	22	0.14	-
18	86	57			57	57	94	40	268	17	0.15	-
19	86	57			56	64	88	59	282	18	0.14	-
20	87	55			57	62	88	52	282	16	0.13	-
21	88	56			56	59	88	53	212	16	0.14	-
22	83	53			53	59	87	66	268	18	0.12	-
23	81	52			55	56	94	61	311	25	0.11	-
24	75	50			51	57	93	58	325	22	0.10	-
25	76	50			51	53	87	53	296	34	0.12	-
26	75	49			49	57	86	62	298	26	0.12	-
27	76	48			50	56	87	61	282	16	0.10	-
28	74	48			49	59	93	66	294	16	0.08	-
29	76	49			49	54	93	54	282	5	0.10	-
30	78	48			51	60	87	70	296	11	0.11	-
Tot:											3.70	0.00
Ave:										16		

+ 3 days observation.

MUZAFFARGARH

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	76	47			46	60	85	63	254	9	0.10	-
2	79	48			47	60	80	60	282	7	0.09	-
3	80	46			44	59	85	66	268	9	0.10	-
4	77	45			44	54	85	57	282	7	0.11	-
5	78	48			48	56	93	55	296	8	0.10	-
6	80	46			46	58	85	56	296	10	0.10	-
7	78	49			52	55	81	58	282	9	0.10	-
8	77	58			53	55	76	64	240	19	0.09	-
9	70	54			50	52	81	71	254	41	0.10	0.03
10	65	45			46	53	85	72	282	24	0.10	-
11	66	44			45	48	85	53	325	19	0.11	-
12	70	42			41	53	84	60	254	14	0.09	-
13	74	44			45	54	79	60	240	12	0.12	-
14	76	43			44	54	85	68	280	13	0.10	-
15	71	47			47	54	80	73	184	13	0.08	-
16	67	47			47	54	93	77	226	11	0.05	-
17					52	53	87	87	71	35	0.06	-
18	60	49			48	56	86	73	268	11	0.05*	0.03
19	70	46			46	58	85	78	240	15	0.10	-
20	70	45			42	55	78	64	254	16	0.08	-
21	72	48			47	56	86	65	268	12	0.07	-
22	74	47			43	59	78	74	240	13	0.09	-
23	72	49			48	54	86	77	212	19	0.08	-
24	64	49			48	52	86	71	282	31	0.07	-
25									226			-
26	65	47			46	53	85	82	198	62+	0.15+	-
27	63	46			41	33	77	38	212	18	0.07	-
28	62	44			39	45	77	55	296	8	0.10	-
29	64	46			30	38	49	47	282	17	0.11	-
30	62	35			34	46	82	56	254	16	0.10	-
31	65	34			25	50	56	58	296	12	0.08	-
Tot:											2.75	0.06
Ave:										16		

* Estimated evaporation.
\+ 2 days observation.

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NABISAR ROAD - 1972

Location	Latitude 25°03', Longitude 69°34', in the compound walls of live stock farm about one mile from Nabisar Road Railway Station and 30 miles from Umar Kot.
Elevation	
Period of record	The station was established by the Project Director, Project Planning, Southern Zone (old L.I.P) on 26.8.1963 and taken over by Surface Water Hydrology Project in December 1965.
Instruments	5" Non recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation incomplete. Evaporation (Pan) incomplete. Absolute maximum air temperature incomplete. Absolute minimum air temperature 40°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry bulb temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

NABISAR ROAD

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	81	51	76	42	29	41	28	33	24	0.14	-
2	80	52	75	43	23	43	20	34	10	0.15	-
3	81	51	76	42	26	36	21	24	12	0.14	-
4	80	50	74	43	29	34	31	23	14	0.17	-
5	78	51	73	42	23	28	25	18	17	0.18	-
6	77	50	74	41	25	21	27	14	21	0.16	-
7	76	49	73	40	25	23	29	17	22	0.13	-
8	73	48	70	38	23	25	27	19	16	0.11	-
9	76	50	71	40	23	27	25	23	12	0.10	-
10	77	48	70	41	35	41	47	35	21	0.12	-
11	80	50	71	42	31	45	35	39	14	0.14	-
12	78	48	72	43	27	50	33	45	21	0.17	-
13	77	47	71	42	34	49	46	44	17	0.16	-
14	79	48	70	41	34	53	50	55	15	0.13	-
15	78	50	71	43	37	52	52	55	26	0.19	-
16	76	48	72	42	35	49	55	41	20	0.17	-
17	77	47	73	43	37	53	56	46	38	0.15	-
18	80	48	75	42	38	55	61	47	35	0.18	-
19	82	50	77	44	39	52	57	43	17	0.20	-
20	80	49	76	42	38	52	57	45	16	0.19	-
21	78	47	74	40	31	48	41	41	21	0.17	-
22	80	49	75	42	35	39	47	28	19	0.18	-
23	78	50	74	43	31	35	37	27	26	0.15	-
24	76	49	71	41	32	35	45	29	28	0.14	-
25	74	47	70	40	27	35	35	27	16	0.13	-
26	76	48	71	41	29	30	36	21	28	0.15	-
27	79	49	73	43	32	32	39	21	32	0.19	-
28	79	51	74	44	32	31	36	19	20	0.18	-
29	81	53	76	46	37	37	42	22	20	0.20	-
30	82	55	77	45	37	35	39	21	30	0.19	-
31	81	53	75	43	32	39	34	27	34	0.21	-
Tot:										4.93	0.00
Ave:	78	50	73	42					21		

NABISAR ROAD

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	56	79	47	42	38	52	29	44	0.19	-
2	80	58	77	48	53	53	63	78	33	0.16	-
3	64	56	60	50	54	54	66	69	16	0.14	0.22
4	70	55	64	50	50	50	65	56	30	0.15	-
5	72	54	67	48	51	51	51	57	41	0.17	-
6	71	50	68	45	49	49	44	55	20	0.15	-
7	72	40	66	35	46	46	33	54	23	0.17	-
8	70	42	64	39	47	47	36	55	27	0.15	-
9	71	40	66	36	51	51	33	48	37	0.19	-
10	80	46	74	40	55	55	33	59	19	0.18	-
11	81	48	76	44	52	52	28	57	82	0.20	-
12	76	44	73	40	49	49	48	63	79	0.28	-
13	68	42	64	37	49	49	57	59	24	0.19	-
14	72	44	68	40	51	51	47	60	18	0.17	-
15	74	46	70	39	48	48	48	59	47	0.16	-
16	72	44	68	37	51	51	33	68	54	0.23	-
17	70	43	67	36	52	52	36	64	67	0.22	-
18	73	44	68	39	52	52	33	61	61	0.24	-
19	75	43	70	38	54	54	17	62	42	0.27	-
20	80	44	75	40	55	55	17	56	40	0.25	-
21	82	46	78	42	56	56	16	53	16	0.23	-
22	86	48	80	43	60	60	17	58	43	0.25	-
23	88	52	82	46	59	59	43	57	59	0.28	-
24	87	48	83	43	55	55	30	59	41	0.26	-
25	78	46	75	40	50	50	19	53	37	0.25	-
26	74	40	70	30	50	50	24	56	32	0.23	-
27	73	41	69	35	52	52	28	57	31	0.24	-
28	74	42	71	37	50	50	36	56	22	0.25	-
29	73	41	70	36	53	53	35	55	19	00.23	-
Tot:										6.08	0.22
Ave:	75	46	71	41					38		

NABISAR ROAD

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	43	76	38	6	54	13	49	42	0.27	-
2	82	45	77	40	12	53	17	39	21	0.30	-
3	88	50	80	44	27	55	26	35	16	0.32	-
4	90	56	86	47	34	53	33	36	63	0.31	-
5	87	55	84	50	40	54	39	35	47	0.35	-
6	90	57	86	51	46	46	54	23	21	0.32	-
7	92	60	88	53	46	43	51	22	30	0.33	-
8	93	62	90	55	50	44	53	23	80	0.38	-
9	92	63	88	56	53	49	55	26	18	0.34	-
10	93	64	90	58	53	53	52	27	32	0.35	-
11	98	67	92	57	53	57	55	33	23	0.40	-
12	96	65	90	56	51	56	54	34	58	0.38	-
13	94	64	89	55	53	59	55	35	53	0.35	-
14	95	65	90	54	50	59	53	34	36	0.40	-
15	96	64	91	57	51	58	48	33	28	0.35	-
16	97	62	92	55	51	54	51	30	32	0.32	-
17	95	60	90	54	49	59	50	32	30	0.30	-
18	97	62	92	57	53	60	55	32	42	0.31	-
19	100	63	95	58	51	59	48	32	40	0.33	-
20	98	64	94	59	53	54	48	30	67	0.34	-
21	95	65	90	58	53	56	48	31	103	0.40	-
22	94	64	89	57	55	57	59	29	28	0.36	-
23	100	66	94	58	57	63	48	30	22	0.39	-
24	104	68	98	60	55	59	52	27	20	0.38	-
25	103	70	98	58	49	61	41	28	55	0.40	-
26	104	69	100	60	56	63	50	29	95	0.45	-
27	106	70	101	62	61	66	55	30	105	0.44	-
28	107	72	102	63	63	63	56	30	93	0.45	-
29	104	71	100	60	59	58	54	28	98	0.40	-
30	101	70	98	60	57	56	53	28	50	0.37	-
31	100	67	96	58	52	57	45	29	58	0.40	-
Tot:										11.13	0.00
Ave:	96	63	91	55					49		

NABISAR ROAD

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	99	66	94	57	51	58	48	28	36	0.38	-
2	100	65	96	58	50	55	45	24	60	0.40	-
3	102	67	95	59	52	57	45	25	30	0.42	-
4	104	68	97	60	54	58	47	26	76	0.41	-
5	105	67	99	60	53	54	46	23	70	0.39	-
6	102	66	98	59	52	52	45	23	102	0.40	-
7	100	65	96	58	52	56	43	28	70	0.42	-
8	98	64	94	56	49	57	41	29	90	0.41	-
9	99	62	95	57	47	56	36	28	41	0.39	-
10	98	64	94	56	52	59	45	29	29	0.35	-
11	100	63	96	58	50	61	37	28	18	0.36	-
12	104	65	100	60	51	63	36	31	25	0.37	-
13	105	67	98	60	50	58	38	26	39	0.35	-
14	103	70	99	62	54	57	42	26	107	0.42	-
15	101	72	97	63	57	67	46	39	133	0.47	-
16	102	74	98	64	60	67	47	37	80	0.48	-
17	103	73	99	62	57	64	44	34	90	0.46	-
18	100	72	97	60	51	67	36	41	108	0.45	-
19	101	74	96	61	52	64	37	34	88	0.43	-
20	100	73	97	62	57	66	46	35	74	0.40	-
21	102	72	98	64	60	65	47	36	48	0.36	-
22	100	76	95	65	65	63	60	40	56	0.35	-
23	94	72	90	62	64	62	59	35	30	0.28	-
24	98	75	92	65	64	65	54	36	92	0.37	-
25	100	76	94	68	67	66	58	37	121	0.48	-
26	102	77	98	70	65	69	61	41	135	0.45	-
27	100	76	96	69	68	71	64	46	113	0.42	-
28	98	72	94	67	64	73	62	47	99	0.40	-
29	102	73	98	69	65	75	57	46	50	0.38	-
30	104	75	100	70	67	76	58	46	58	0.41	-
Tot:										12.06	0.00
Ave:	101	70	96	62					73		

ABISAR ROAD

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	105	76	100	71	70	68	67	38	116	0.45	-
2	103	77	97	70	71	71	67	39	83	0.46	0.30
3	105	78	98	72	73	72	75	38	80	0.42	-
4	106	76	100	71	71	74	74	42	85	0.45	-
5	105	77	101	70	68	71	60	39	90	0.43	-
6	103	75	98	69	65	68	59	36	95	0.45	-
7	102	74	96	70	67	64	60	33	99	0.47	-
8	101	75	95	68	64	67	53	34	90	0.45	-
9	104	74	98	70	65	70	55	53	88	0.47	-
10	108	77	100	71	69	69	60	34	108	0.52	-
11	106	76	101	70	67	74	54	35	88	0.50	-
12	112	80	104	73	70	77	52	36	50	0.46	-
13	114	78	102	72	69	70	52	36	94	0.50	-
14											
15											
16											
17											
18											
19						71		30			
20	112	80	100	73	74	68	65	29	648+	0.54	-
21	111	79	101	74	70	68	55	29	170	0.56	-
22	109	80	100	73	72	68	62	33	195	0.58	-
23	106	78	100	74	71	67	61	34	190	0.61	-
24	104	80	99	73	71	70	58	38	148	0.57	-
25	105	78	100	72	71	65	61	30	103	0.59	-
26	107	76	101	70	68	69	58	31	84	0.58	-
27	109	72	100	68	60	70	42	31	40	0.57	-
28	112	76	103	70	63	69	46	30	71	0.55	-
29	110	80	104	32	68	67	52	30	129	0.53	-
30	105	80	100	72	69	71	55	36	89	0.48	-
Tot:											
Ave:									102		

+ 6 days observation.

NABISAR ROAD

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	107	80	101	74	73	73	65	40	94	0.50	0.15
2	106	79	100	73	70	71	55	39	97	0.49	-
3	104	80	99	74	72	71	62	36	110	0.47	-
4	107	81	100	75	79	73	62	40	144	0.49	-
5	106	80	101	74	71	71	54	35	148	0.47	-
6	108	82	102	76	75	71	63	34	137	0.45	-
7	110	80	103	74	72	74	59	37	125	0.42	-
8	109	82	104	75	74	75	64	36	142	0.40	-
9	109	81	103	76	77	74	69	39	126	0.45	-
10	108	82	102	74	75	75	69	38	110	0.43	-
11	110	81	104	75	73	78	62	44	110	0.46	-
12	108	82	103	76	75	74	69	44	138	0.47	-
13	104	80	100	75	72	75	59	43	144	0.45	-
14	106	81	101	76	73	72	57	40	80	0.47	-
15	105	80	100	74	71	71	56	39	142	0.49	-
16	107	82	102	75	74	74	60	46	197	0.51	-
17	106	81	100	74	73	76	62	47	96	0.47	-
18	108	82	99	76	74	74	60	42	139	0.50	-
19	105	80	98	74	71	72	58	43	110	0.51	-
20	104	80	96	71	68	69	55	40	116	0.56	-
21	103	79	95	70	69	67	55	40	204	0.60	-
22	100	78	94	70	66	67	51	41	197	0.61	-
23	102	77	98	72	68	70	52	48	176	0.52	-
24	100	76	95	70	67	69	54	50	55	0.48	-
25	97	75	94	70	63	70	46	48	52	0.45	-
26	98	76	92	71	65	67	46	47	40	0.47	-
27	100	77	93	70	64	68	48	45	48	0.50	-
28	102	78	96	71	65	70	46	44	70	0.53	-
29	100	80	95	72	67	69	47	44	130	0.50	0.70
30	98	79	94	71	68	72	52	45	77	0.48	-
Tot:										14.60	0.85
Ave:	105	80	99	73					118		

NABISAR ROAD

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min.	Dew Percent 8 A.M	Dew Percent 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	80	93	72	67	74	52	44	85	0.50	-
2	103	81	95	73	70	70	53	47	50	0.47	0.60
3	97	80	94	70	68	69	55	50	28	0.20	-
4	95	78	90	68	67	68	54	52	92	0.19	0.13
5	94	76	90	70	63	69	50	50	140	0.25	-
6	96	77	91	70	64	66	48	47	144	0.35	-
7	93	76	89	68	64	69	53	58	76	0.32	-
8	94	78	90	70	67	73	57	62	115	0.30	-
9	100	77	96	72	69	74	58	60	85	0.35	-
10	96	76	90	70	69	71	60	58	88	0.32	1.25
11	91	74	87	70	67	69	60	58	91	0.20	-
12	90	75	86	71	68	72	60	59	154	0.23	-
13	95	74	88	70	65	74	51	65	148	0.45	-
14	94	75	87	70	63	75	50	63	125	0.40	-
15	96	77	90	72	68	76	58	63	114	0.35	-
16	95	78	91	73	69	78	58	64	113	0.37	-
17	98	80	92	74	71	76	58	58	147	0.40	-
18	100	81	94	75	73	77	65	58	140	0.45	-
19	104	83	95	74	70	79	55	56	146	0.46	-
20	105	82	97	73	63	78	53	64	134	0.48	-
21	98	80	93	74	73	77	65	69	125	0.51	-
22	97	78	92	73	70	77	61	72	115	0.49	-
23	96	80	90	74	73	79	65	70	116	0.50	-
24	98	81	91	74	72	73	65	55	111	0.48	-
25	97	80	92	76	74	74	65	55	138	0.52	-
26	96	80	91	75	73	73	65	55	165	0.30	-
27	97	80	90	76	74	77	65	56	168	0.49	-
28	98	81	92	77	75	74	65	55	147	0.44	-
29	96	79	90	73	71	76	61	58	152	0.43	-
30	97	80	91	74	73	77	68	58	159	0.40	-
31	98	81	93	75	75	78	69	56	134	0.37	-
Tot:										12.17	1.98
Ave:	97	79	91	72					121		

NABISAR ROAD

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	80	92	76	74	80	68	62	87	0.38	-
2	98	79	93	75	72	78	62	56	82	0.35	-
3	99	80	94	76	74	77	68	58	98	0.37	-
4	98	79	93	74	73	75	68	57	107	0.38	-
5	96	78	91	73	72	73	68	62	129	0.35	-
6	92	80	87	72	70	74	61	60	132	0.30	-
7	93	80	88	75	73	75	65	63	142	0.29	-
8	94	81	87	74	72	76	65	63	94	0.27	-
9	93	80	88	75	73	77	65	61	92	0.24	-
10	95	78	90	73	72	75	68	57	99	0.28	-
11	94	78	88	72	71	73	64	57	117	0.33	-
12	93	77	87	71	69	72	64	59	119	0.30	-
13	92	78	86	72	72	74	71	65	129	0.32	-
14	93	76	87	71	69	73	64	65	101	0.35	-
15	95	78	89	73	71	75	64	65	108	0.37	-
16	96	80	90	75	73	76	65	63	92	0.40	-
17	98	82	92	76	74	77	65	58	72	0.43	-
18	97	81	93	75	73	78	68	59	91	0.41	-
19	98	78	94	73	72	77	68	58	88	0.37	0.40
20	97	77	93	72	71	75	67	53	57	0.38	-
21	98	78	92	71	70	74	67	52	74	0.40	0.50
22	98	79	93	73	71	73	67	52	71	0.39	-
23	100	81	95	74	72	73	68	50	107	0.40	-
24	101	80	96	73	70	75	61	50	84	0.41	-
25	100	81	97	74	71	77	61	51	115	0.43	-
26	102	80	98	75	72	79	62	56	103	0.40	-
27	100	79	96	74	70	77	61	51	50	0.39	-
28	101	80	97	75	71	76	61	53	80	0.40	-
29	100	81	96	73	68	74	58	52	66	0.38	-
30	98	80	94	72	69	75	58	53	110	0.39	-
31	97	79	92	70	69	72	60	49	80	0.40	-
Tot:										11.26	0.90
Ave:	97	79	92	73					95		

NABISAR ROAD

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	98	80	94	71	67	74	54	55	111	0.38	-
2	99	81	96	72	69	75	58	53	83	0.40	-
3	98	80	95	72	68	76	58	53	108	0.36	-
4	99	81	94	71	66	74	51	52	68	0.37	-
5	97	80	93	70	65	75	53	53	74	8.35	-
6	98	78	94	70	64	76	53	53	80	0.33	-
7	99	79	93	71	65	75	53	55	116	0.34	-
8	94	80	94	72	67	75	54	60	104	0.30	-
9	96	78	92	70	66	77	56	58	136	0.28	-
10	98	76	94	71	71	78	74	56	54	0.30	-
11	99	77	96	72	72	78	74	49	53	0.32	-
12	102	78	98	74	73	79	75	46	48	0.36	-
13	107	80	100	75	74	77	71	45	56	0.35	-
14	104	78	101	73	73	81	75	62	100	0.37	-
15	99	79	95	72	71	79	67	64	119	0.40	-
16	96	78	92	71	70	78	67	67	139	0.41	-
17	94	77	90	70	67	80	67	74	85	0.40	-
18	96	80	92	74	72	82	68	71	108	0.38	-
19	98	81	93	76	74	80	68	65	92	0.41	-
20	97	82	94	75	72	81	62	65	30	0.40	-
21	103	78	98	72	68	74	58	44	44	0.45	-
22	104	76	100	70	67	75	63	50	29	0.40	-
23	100	74	94	65	62	68	58	36	29	0.38	-
24	103	70	96	64	59	70	57	36	17	0.37	-
25	104	68	100	62	57	67	49	32	17	0.34	-
26	106	65	99	63	54	66	43	36	35	0.36	-
27	102	66	96	60	50	63	39	33	55	0.35	-
28	100	70	95	61	53	64	40	33	50	0.33	-
29	101	74	94	64	65	64	65	35	54	0.32	-
30	100	75	96	68	68	67	79	38	67	0.31	-
Tot:										10.82	0.00
Ave:	100	77	95	70					72		

NABISAR ROAD

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	76	98	70	69	56	70	39	63	0.33	-
2	103	75	97	70	67	69	63	40	54	0.35	-
3	101	76	96	71	71	72	74	43	47	0.32	-
4	102	77	98	72	72	74	74	44	28	0.34	-
5	10A	79	99	73	72	72	68	40	31	0.33	-
6	103	78	98	68	62	66	50	36	51	0.32	-
7	100	74	97	64	61	69	54	40	28	0.30	-
8	102	76	98	66	66	71	63	41	15	0.32	-
9	103	78	99	70	71	73	70	42	20	0.30	-
10	104	76	100	71	69	73	70	40	22	0.33	-
11	105	78	100	72	71	71	70	39	19	0.35	-
12	104	77	98	71	69	68	70	38	42	0.34	-
13	101	76	97	72	72	71	82	45	27	0.29	-
14	100	76	96	73	71	71	74	41	18	0.25	-
15	102	77	98	72	69	73	70	42	36	0.28	-
16	104	75	100	71	70	71	74	41	41	0.30	-
17	102	78	98	72	72	71	74	43	42	0.29	-
18	100	76	97	71	68	72	63	43	22	0.27	-
19	102	78	98	72	71	69	74	42	45	0.28	-
20	101	75	97	71	71	67	78	38	32	0.25	-
21	102	76	98	72	72	67	78	41	37	0.27	-
22	98	66	94	60	55	64	51	40	22	0.25	-
23	96	62	92	59	49	61	40	39	27	0.23	-
24	94	60	90	56	45	59	38	37	18	0.24	-
25	93	58	89	54	41	56	33	36	18	0.22	-
26	90	57	88	53	39	59	32	37	20	0.23	-
27	93	59	90	55	39	61	28	42	33	0.30	-
28	94	58	88	53	39	58	32	39	40	0.28	-
29	92	57	86	52	39	55	34	37	34	0.25	-
30	91	56	85	53	43	63	44	46	23	0.26	-
31	94	58	88	52	43	57	41	33	14	0.24	-
Tot:										8.91	0.00
Ave:	99	71	95	66					31		

NABISAR ROAD

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	95	60	90	54	44	57	42	34	12	0.22	-
2	94	58	89	53	40	58	35	35	19	0.23	-
3	95	60	90	55	45	57	40	30	28	0.24	-
4	97	58	92	53	41	54	38	26	11	0.22	-
5	96	57	92	53	39	57	32	30	9	0.21	-
6	98	58	93	52	36	60	28	31	15	0.23	-
7	99	59	94	51	41	55	38	28	15	0.22	-
8	97	58	93	52	40	59	37	34	7	0.24	-
9	96	59	92	51	44	55	45	30	14	0.20	-
10	95	60	90	53	49	52	51	29	41	0.25	-
11	93	62	87	56	52	51	53	30	33	0.23	-
12	92	60	84	57	52	50	56	31	27	0.22	-
13	93	58	83	54	47	47	49	26	15	0.20	-
14	92	60	85	56	49	51	51	30	13	0.18	-
15	94	62	86	58	52	50	53	31	32	0.19	-
16	93	61	85	56	49	52	45	32	24	0.20	-
17	92	63	86	57	50	51	46	33	13	0.11	-
18	93	62	88	58	52	48	53	28	15	0.19	-
19	94	63	89	57	55	59	64	40	11	0.20	-
20	96	64	90	59	56	65	65	46	12	0.24	-
21	95	63	89	58	52	64	53	48	15	0.23	-
22	92	62	86	56	52	61	56	47	23	0.22	-
23	90	60	85	55	49	60	54	46	26	0.20	-
24	91	61	86	56	50	63	55	50	31	0.21	-
25	90	58	84	54	47	56	49	44	33	0.23	-
26	84	56	80	51	48	54	65	43	40	0.21	-
27	83	57	79	50	47	52	65	42	40	0.20	-
28	80	55	77	49	44	49	55	36	28	0.22	-
29	81	52	76	48	41	46	53	34	83	0.19	-
30	82	53	77	49	45	47	63	35	49	0.21	-
Tot:										6.40	0.00
Ave:	92	59	87	54					23		

NABISAR ROAD

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	55	79	50	46	53	64	47	27	0.20	-
2	83	53	78	49	41	52	49	53	27	0.22	27
3	82	52	79	48	40	58	48	56	23	0.23	-
4	85	53	80	49	40	61	45	57	11	0.25	-
5	86	54	81	48	38	63	44	58	26	0.24	-
6	83	52	80	47	41	64	57	59	18	0.21	-
7	84	53	78	48	42	67	58	63	19	0.22	-
8	85	54	80	49	42	66	54	63	18	0.21	-
9	84	56	79	50	42	63	50	64	19	0.19	-
10	80	54	77	48	41	61	53	63	20	0.17	-
11	78	55	76	49	42	60	54	70	29	0.16	-
12	75	52	71	48	41	57	53	62	61	0.22	-
13	76	53	70	49	42	59	54	62	46	0.24	-
14	78	50	72	46	37	62	46	75	22	0.23	-
15	76	49	73	44	35	61	45	79	12	0.20	-
16	78	50	74	46	35	63	42	80	9	0.18	-
17	75	49	70	44	35	64	45	76	23	0.17	-
18	78	50	72	45	35	60	42	70	76	0.19	-
19	76	52	91	47	38	61	44	71	56	0.20	-
20	74	53	70	48	32	62	29	71	35	0.22	--
21	78	54	72	49	44	63	55	68	19	0.20	-
22	80	55	74	48	32	63	24	64	19	0.18	-
23	82	54	75	50	23	62	16	64	20	0.15	-
24	80	55	76	51	24	59	15	57	30	0.16	-
25	81	60	77	54	47	57	47	55	72	0.19	-
26	78	58	74	53	44	52	45	53	17	0.17	-
27	75	56	71	51	46	55	56	58	14	0.10	-
28	74	54	70	50	42	52	54	53	30	0.16	-
29	73	55	70	51	44	48	55	47	70	0.17	-
30	71	52	67	48	41	44	53	42	20	0.15	-
31	70	50	66	46	37	44	46	48	27	0.17	-
Tot:										5.95	0.00
Ave:	79	53	74	48					30		

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NARAN - 1972

Location	Latitude 34°54', Longitude 73°39', near P.W.D. Rest House, Naran.
Elevation	7,750 ± ft. msl.
Period of record	Rainfall data since November, 1961. Full observatory established in August 1962, by Surface Water Hydrology Project, discontinued in June 1965. Between only rainfall data available. Observatory re-established in September 1970.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Wet and dry bulb thermometers.
Annual figures	Precipitation 64.61 inches Absolute Maximum air temperature 82°F Absolute Minimum air temperature 16°F
Remarks	Observations of precipitation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

NARAN

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	40	24			15	25	55	63			0.10
2	36	22			12	22	52	61			-
3	38	20			12	17	60	57			-
4	38	20			9	15	49	55			-
5	36	18			10	18	58	65			-
6	38	19			8	20	47	67			-
7	42	20			6	15	46	55			0.02
8	42	20			5	20	33	53			-
9	38	22			12	19	52	59			0.02
10	40	23			14	20	54	53			-
11	42	22			12	22	52	61			-
12	40	24			15	27	55	72			-
13	42	23			17	18	64	52			-
14	40	23			11	22	44	61			0.60
15	42	24			18	27	65	72			0.02
16	38	22			12	19	52	59			0.06
17	40	23			14	20	54	53			-
18	44	24			9	23	37	55			-
19	46	25			12	25	47	63			0.75
20	42	23			14	23	54	62			0.35
21	40	21			7	19	41	59			0.52
22	38	20			9	21	49	67			0.05
23	38	21			14	21	61	67			0.06
24	37	20			12	19	60	66			1.78
25	38	21			16	20	73	67			0.25
26	38	23			17	21	64	67			0.68
27	40	24			20	21	76	67			0.52
28	42	25			19	27	66	72			0.22
29	40	24			18	19	65	59			0.37
30	40	23			17	19	64	59			0.23
31											0.34
Tot:											6.91
Ave:											

NARAN

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1											-
2	37	21			11	21	51	67			-
3	35	19			9	19	37	66			0.02
4	37	20			11	21	51	67			0.32
5	34	18			2	21	35	76			0.48
6	37	23			17	21	64	67			0.33
7	35	21			14	19	61	66			0.50
8	32	20			12	18	60	65			-
9	30	19			8	19	47	66			0.54
10	28	18			6	20	46	76			0.90
11	27	17			10	17	58	64			0.51
12	26	16			8	17	56	64			0.36
13	27	20			15	21	63	67			0.05
14	30	23			17	19	64	59			-
15	32	24			15	27	55	72			-
16					12	21	52	67			-
17	35	21			7	20	41	53			-
18	37	22			12	19	60	59			-
19	38	18			2	21	35	67			-
20	37	16			2	21	42	67			-
21	42	20			6	19	39	59			0.45
22	45	23			14	20	54	53			0.83
23	42	19			8	21	47	67			1.43
24	40	18			10	20	58	67			0.96
25	43	20			9	19	49	59			0.64
26	46	23			17	25	64	63			0.88
27	42	21			11	20	51	53			0.50
28	40	19			8	19	47	59			0.37
29	42	20			9	21	49	67			-
Tot:											10.07
Ave:											

NARAN

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	45	22			9	20	42	53			-
2	47	23			15	25	55	63			-
3	42	21			11	19	51	59			-
4	48	20			15	15	63	49			0.57
5	46	25			12	23	47	55			0.90
6	45	26			17	27	57	72			0.02
7	48	26			17	26	57	64			-
8	46	25			10	27	39	58			-
9	47	27			15	29	49	60			-
10	45	25			12	20	47	48			-
11	43	23			15	20	55	53			-
12	42	26			17	24	57	56			-
13	45	29			15	27	49	58			-
14	46	28			19	29	59	66			0.28
15	43	25			12	20	47	53			0.40
16	40	23			11	21	44	60			0.25
17	42	24			17	29	56	73			0.45
18	40	24			15	20	55	53			0.75
19	42	25			12	23	47	55			0.75
20	45	27			15	20	49	48			0.52
21	46	28			17	27	51	58			0.20
22	47	28			14	29	43	60			0.45
23	45	26			17	23	57	55			0.36
24	43	25			15	25	55	63			0.34
25	40	24			18	27	65	72			0.57
26	45	26			17	23	57	55			0.45
27	47	27			15	30	49	66			0.75
28	49	29			15	29	44	60			-
29	47	28			17	22	51	45			-
30	45	27			15	32	49	68			-
31	47	29			18	31	52	61			-
Tot:											8.01
Ave:	45	26									

NARAN

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	49	30			22	33	61	69			-
2	48	28			17	33	45	63			-
3	50	30			20	34	48	63			-
4	47	27			12	29	41	68			1.07
5	49	29			20	33	53	63			2.15
6	50	29			18	32	52	68			0.33
7	48	27			9	32	33	68			-
8	50	30			22	33	61	63			-
9	50	32			20	37	48	71			0.15
10	54	36			26	42	53	73			-
11	52	34			23	36	51	70			-
12	50	34			23	28	51	50			-
13	54	36			26	34	53	58			-
14	54	36			22	38	41	66			-
15	50	34			27	33	65	63			0.50
16	48	34			30	33	66	63			2.62
17	45	32			20	36	48	64			0.90
18	50	38			30	41	66	73			-
19	50	34			25	32	63	57			-
20	52	34			25	28	63	59			0.
21	54	32			25	36	63	70			0.07
22	56	34			27	33	65	63			-
23	56	32			25	33	63	63			-
24	54	34			27	36	65	64			-
25	56	36			30	39	74	72			-
26	58	34			27	37	65	71			
27	60	36			30	44	66	85			
28	58	35			29	43	66	79			
29	62	38			32	42	68	73			-
30	60	34			26	39	53	72			-
Tot:											7.94
Ave:	53	33									

NARAN

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	60	38			29	42	55	73			0.08
2	60	40			33	44	63	74			-
3	58	42			37	46	71	75			-
4	60	42			39	49	72	76			-
5	62	44			39	47	72	65			-
6	58	44			39	49	72	76			1.27
7	58	42			34	52	58	82			0.39
8	60	40			37	49	71	76			0.30
9	62	42			39	53	67	82			-
10	62	40			37	44	60	64			-
11	64	46			39	53	62	78			-
12	64	46			42	47	73	65			-
13	66	48			44	55	74	78			0.67
14	68	46			35	57	47	74			0.75
15	67	45			34	57	46	79			-
16	66	44			34	57	50	74			-
17	68	45			32	59	42	75			-
18	70	48			39	62	53	80			-
19	68	46			34	59	43	75			-
20	70	46			34	57	43	74			-
21	72	42			21	53	26	73			-
22	70	45			39	51	67	77			0.80
23	68	42			37	52	60	82			2.08
24	66	40			36	49	64	76			0.45
25	67	42			23	53	30	78			1.33
26	66	40			36	49	64	76			0.08
27	68	42			37	51	60	77			-
28	68	40			32	51	57	79			-
29	66	36			26	49	53	76			-
30	66	38			33	51	63	77			-
31	70	44			39	49	72	76			-
Tot:											8.20
Ave:	65	43									

NARAN

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	68	40			32	51	57	77			-
2	70	42			31	53	48	78			-
3	78	48			42	57	63	74			0.25
4	76	52			47	57	65	74			-
5	72	50			44	57	64	79			0.17
6	70	50			46	53	75	73			0.27
7	72	52			47	58	65	71			-
8	70	50			45	57	69	74			-
9	72	55			53	62	78	76			-
10	72	56			51	62	68	80			-
11	78	52			34	18	35	12			-
12	80	52			34	41	33	37			-
13	76	50			40	50	47	53			0.35
14	78	52			45	46	57	45			-
15	74	52			47	64	58	65			-
16	80	52			39	62	38	76			-
17	80	54			44	66	64	81			-
18	80	54			49	62	67	76			-
19	82	54			34	67	33	77			-
20	80	52			40	67	41	77			-
21	82	52			37	67	35	73			-
22	80	50			40	66	47	81			-
23	80	50			37	67	39	77			-
24	82	52			40	67	41	77			-
25	80	52			45	69	57	74			-
26	82	54			44	67	47	77			-
27	78	52			45	58	57	71			-
28	76	52			47	59	65	75			-
29	78	54			57	61	77	75			0.08
30	82	55			49	66	63	81			-
To:											1.12
ve:	77	51									

NARAN

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	71	50			37	67	39	77			0.10
2	80	52			42	64	49	69			-
3	82	54			44	67	47	77			-
4	82	52			47	66	65	81			0.28
5	80	52			45	65	57	85			0.35
6	72	50			44	59	64	75			0.50
7	76	52			47	62	65	76			0.08
8	78	54			51	69	77	90			-
9	78	56			53	59	78	75			-
10	76	54			51	57	77	74			-
11	78	58			55	63	78	85			.26
12	76	56			53	58	78	71			
13	78	56			51	62	68	76			
14	76	54			49	58	67	71			-
15	78	56			51	66	68	81			-
16	76	54			49	62	67	76			-
17	74	52			47	57	65	74			0.07
18	78	54			49	63	67	85			0.08
19	70	50			44	55	64	78			0.17
20	64	48			42	59	63	75			0.25
21	70	52			49	62	76	76			0.20
22	72	54			51	66	77	81			-
23	78	54			49	60	67	71			-
24	74	52			47	59	65	75			-
25	76	52			37	60	35	71			-
26	74	52			35	67	29	77			-
27					37	66	35	81			-
28	78	52			45	64	57	81			-
29	76	50			44	58	64	71			-
30	74	50			43	59	60	75			0.23
31	72	50			44	57	64	74			0.27
Tot:											2.84
Ave:											

NARAN

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	52			56	62	100	80			-
2	74	56			53	62	78	80			0.13
3	76	60			57	66	79	81			-
4	74	60			57	67	74	77			-
5	78	62			59	70	75	82			-
6					54	67	69	77			0.07
7					53	62	83	76			0.10
8	72	52			47	56	65	70			-
9	72	51			47	57	75	74			0.45
10	74	52			47	59	65	75			-
11	72	50			45	59	69	75			-
12	74	52			47	57	65	74			-
13	72	54			51	59	77	75			-
14	74	54			50	62	71	80			-
15	70	50			45	57	69	74			-
16	72	52			49	58	81	74			-
17	85	46			47	62	70	76			0.02
18	80	50			44	67	64	77			0.05
19	76	50			44	58	64	71			-
20	72	54			51	60	77	84			0.17
21	70	52			49	57	76	74			-
22	72	52			47	59	70	75			0.26
23	72	54			51	62	77	80			-
24	74	55			52	62	77	80			-
25	70	50			45	59	69	75			0.65
26	68	50			47	62	70	80			-
27	72	50			45	47	69	48			-
28	74	53			45	54	61	62			0.02
29	72	52			47	51	70	72			0.26
30	62	56			53		83				0.27
31					51		77				0.10
Tot:											2.55
Ave:											

NARAN

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1					49	57	76	74			0.40
2	68	56			54	62	83	80			-
3	68	55			52	57	77	74			-
4	74	54			51	57	77	79			-
5	76	52			49	57	76	79			-
6	74	56			53	63	78	80			-
7	72	56			51	62	68	76			-
8	74	60			57	67	74	77			-
9	76	62			58	71	71	86			-
10	75	52			47	57	65	74			-
11	72	50			44	57	64	79			-
12	70	50			46	55	75	78			-
13	70	52			49	59	76	79			-
14	72	50			44	59	64	75			-
15	70	54			51	61	77	75			-
16	74	55			51	60	77	71			-
17	72	53			43	41	68	37			0.32
18	68	52			45	46	65	54			-
19						28		59			0.74
20	53	40			35	39	83	67			0.22
21					39	47	67	65			0.22
22	60	46			42	49	73	67			-
23	62	46			39	53	62	78			-
24	68	44			34	45	50	57			-
25	70	52				55		88			-
26	72	56			54	58	83	71			-
27	70	52			49	57	76	79			-
28	68	50			46	55	75	78			-
29	66	48			44	53	74	78			-
30	64	46			42	51	73	72			-
Tot:											1.90
Ave:											

NARAN

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	70	50			44	57	64	74			-
2	68	52			49	55	76	78			-
3	68	48			44	53	74	78			0.20
4	62	42			34	56	58	83			-
5	68	41			36	49	70	71			-
6	67	44			34	41	54	58			-
7	60	42			27	42	35	59			-
8	63	42			27	45	58	69			0.02
9	68	40			30		51				-
10	63	39			16	44	33	61			-
11	68	43			24	44	47	64			-
12	68	42			31	39	44	67			-
13	66	40			24	54	39	83			-
14	68	43			41	49	85	76			-
15	66	40			33	39	63	67			-
16	58	38			29	42	55	73			0.54
17	52	36			30	42	66	79			0.85
18	48	34			31	38	81	77			0.92
19	46	32			27		72				1.04
20	48	35			30		66				0.10
21	45	32			25	38	63	77			0.45
22	40	32			25	35	63	69			0.47
23	46	38			32	39	68	78			-
24	46	37			33	42	75	85			-
25	48	38			29	42	55	73			-
26					30	42	66	79			-
27					32	41	81	79			-
28					30	39	66	72			-
29	47	38									-
30											-
31											-
Tot:											4.59
Ave:											

NARAN

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1											-
2											-
3											-
4	49	36			26	42	53	68			-
5	51	38			27	39	58	67			-
6	52	38			32	44	68	85			-
7	54	40			33	44	63	64			-
8	56	42			37	47	71	65			-
9	60	44			32	51	57	72			-
10	58	42			34	51	58	68			-
11	62	44			44	44	100	64			-
12					33	47	63	70			-
13	56	40			27	33	72	63			-
14					30	39	66	67			-
15	52	36			27	36	65	64			-
16	50	36			17	33	45	63			-
17	52	32			27	39	65	72			-
18	54	34			20	39	48	67			-
19	56	35			32	42	68	63			-
20	58	38			30	39	66	62			-
21	56	36			27	44	65	74			-
22	58	36			30	46	66	75			0.07
23	56	38			32	44	68	64			0.60
24	58	38			30	42	66	73			0.96
25	56	35			25	33	63	63			-
26	52	32			22	32	61	68			-
27	50	30			17	32	45	57			-
28	48	30			19	32	59	68			-
29	46	28			22	33	61	63			-
30	48	30									-
Tot:											1.63
Ave:											

NARAN

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	46	32			18	32	52	57			-
2	48	30			19	33	58	63			-
3	50	32			24	32	78	68			-
4					25	32	63	57			-
5	54	34			27	34	65	58			-
6	52	32			17	33	45	63			-
7	52	30			20	37	53	71			-
8	50	34			27	36	65	76			-
9	49	33			28	32	73	68			0.11
10	42	31			21	29	54				0.11
11	42	23			19	14					-
12	41	25			17	22	56	61			-
13	42	24			15	19		59			-
14	44	24			14	21		67			-
15	48	27			21	31	59	74			-
16	50	30			22	30	61	66			0.78
17	48	27			21	30	67	66			0.70
18	45	30			19	20	58	48			0.35
19	42	32				25		63			0.40
20	40	30			28	27	100	72			0.30
21	38	28			20	19		59			-
22	39	30			21	25	59	59			0.14
23					14	20	67	63			0.18
24							89	53			0.05
25	30	25									0.28
26	28	23									0.78
27	32	21									1.08
28											1.22
29	28	24									0.96
30	30	24									0.96
31	33	25									0.45
Tot:											8.85
Ave:											

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OGHI - 1972

Location	Latitude 34°30', Longitude 73°01', near old Fort at Oghi.
Elevation	3,700 ± ft. msl.
Period of record	Recording rain gauge station by Surface Water Hydrology Project since 1960, other instruments installed in October 1969.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 52.24 inches Evaporation (Pan) 62.28 inches Absolute Maximum air temperature 102°F Absolute Minimum air temperature 22°F
Remarks	Observations of precipitation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Solar radiation is measured in langleys per day from midnight to midnight on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

OGHI

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	56	34			40	44	84	74		0.06	-
2	63	30			38	41	77	63		0.08	-
3	62	28			27	42	80	79		0.08	-
4	60	27			28	34	89	58		0.07	-
5	64	26			25	28	89	45		0.06	-
6	63	25			20	18	67	28		0.07	-
7	59	25			24	41	88	67		0.07	-
8	60	24			25	29	71	47		0.08	-
9	62	27			26	38	79	46		0.07	-
10	63	27			30	37	90	52		0.07	-
11	65	26			27	26	89	41		0.08	-
12	62	22			26	33	79	49		0.08	-
13	60	29			36	37	76	68		0.07	-
14	52	39			40	44	92	74		0.04	0.61
15	57	34			29	43	73	74		0.05	-
16	57	33			38	42	77	73		0.07	-
17	58	39			40	45	84	69		0.08	-
18	62	30			35	34	76	46		0.06	-
19	57	38			41	44	85	80		0.05	0.14
20	52	42			41	43	85	85		0.05*	0.02
21	50	40			37	33	84	90		0.03*	1.10
22	42	32			29	37	80	84		0.02*	2.86
23	67	30			31	39	81	91		0.02*	-
24	43	33			31	43	81	79		0.02	-
25	52	34			32	41	81	67		0.04	-
26	54	35			41	38	92	66		0.01*	-
27	52	31			36	31	70	44		0.05	0.05
28	57	39			42	38	92	61		0.06	-
29	59	42			40	35	92	83		0.05	-
30	42	38			34	32	82	81		0.03*	0.40
31	45	34			36	39	91	84		0.01*	1.58
Tot:										1.68	6.76
Ave:	57	32									

* Estimated evaporation.

OGHI

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	44	36			34	42	75	85		0.02 *	0.31
2	49	39			35	43	83	85		0.03	-
3	52	35			37	42	84	85		0.05	-
4	52	34			32	42	81	92		0.07	-
5	49	34			35	35	91	83		0.04	0.02
6	49	32			30	38	80	97		0.04	0.10
7	47	28			33	43	82	74		0.06	0.02
8	54	31			27	35	65	55		0.05	-
9	57	30			27	33	72	49		0.12	-
10	56	35			33	39	75	67		0.09	-
11	55	35			33	33	82	63		0.07	-
12	49	34								0.08	1.45
13	40	25								0.02*	0.25
14	40	27								0.02	-
15	46	25								0.05	-
16	50	26								0.07	-
17	51	28								0.10	-
18	55	28								0.09	-
19	57	29			25	29	71	36		0.11	-
20	63	32			29	25	55	31		0.15	-
21	65	44			36	41	76	92		0.05*	
22	47	41			36	36	83	76		0.05	0.39
23	49	40			39	42	78	85		0.03	0.08
24	59	40			34	37	82	77		0.13	0.73
25	49	38			34	22	82	45		0.02*	0.03
26	53	30			27	30	89	51		0.08	-
27	55	30			27	27	72	38		0.17	-
28	61	34			30	31	80	44		0.17	-
29	60	32			29	31	80	41		0.14	-
Tot:										2.17	3.38
Ave:	52	33									

* Estimated evapore[illegible]

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OGHI

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	62	33			23	29	51	34		0.15	-
2	67	33			30	37	74	45		0.15	-
3	69	38			38	25	71	27		0.16	-
4	66	43			36	39	70	67		0.13	0.20
5	59	43			36	44	76	80		0.02	0.43
6	57	43			41	41	85	63		0.06	-
7	65	42			40	42	92	68		0.11	0.24
8	60	39			37	35	91	83		0.04	1.07
9	48	33			35	31	91	37		0.05*	0.81
10	63	37			33	35	75	41		0.15	-
11					43	42	74	85		0.08	-
12	56	46			44	42	92	92		0.06*	0.56
13	56	40			37	40	84	47		0.04*	1.01
14	65	39			36	35	64	45		0.16	-
15	69	45			42	44	79	69		0.13	-
16	62	42			38	44	77	49		0.05	0.04
17	70	43			42	40	73	41		0.18	-
18	72	43			38	37	77	39		0.20	-
19	71	45			46	44	93	80		0.13	0.22
20	55	46			42	47	79	62		0.04	0.44
21	68	42			43	48	85	63		0.15	-
22	70	42			43	41	74	42		0.18	-
23	75	44			43	44	79	39		0.21	-
24	80	44			45	49	80	44		0.18	-
25	81	44			48	54	87	69		0.17	-
26	74	48			46	43	75	68		0.05*	0.86
27	72	32			50	51	87	51		0.04*	1.15
28	71	53			51	40	82	44		0.22	-
29	69	48			46	47	86	55		0.14	0.36
30	72	45			46	42	75	38		0.13	-
31	76	44			44	46	74	43		0.25	-
Tot:										3.81	7.39
Ave:											

* Estimated evaporation.

OGHI

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	44			46	42	80	38		0.23	-
2	75	43			47	43	86	60		0.21	-
3	76	51			43	39	64	40		0.18	-
4	71	51			44	38	80	66		0.10	0.16
5	54	48			45		86			0.03	0.75
6	64	43			47	49	81	50		0.12	-
7	75	49			45	47	69	48		0.18	-
8	72	49			46	45	75	57		0.20	-
9	75	44			32	44	36	47		0.19	-
10	72	45			46	48	75	52		0.13	-
11	71	46			47	51	70	48		0.23	-
12	76	46			51	39	82	27		0.22	-
13	80	45			47	40	70	25		0.26	-
14	82	47			49	47	67	38		0.27	-
15	83	57			53	54	88	78		0.17*	0.06
16	66	53			51	55	93	88		0.08	1.15
17	60	47			49	54	87	62		0.03	0.10
18	73	51			50	51	87	82		0.20	0.23
19	63	47			45	55	65	83		0.08	0.08
20	68	46			44	51	85	72		0.20	0.40
21	67	43			45	47	69	38		0.14	0.06
22	78	44			46	51	75	42		0.21	-
23	81	44			50	43	76	32		0.20	-
24	82	46			47	45	58	32		0.24	-
25	82	49			53	51	78	60		0.24	-
26	81	52			52	49	61	37		0.23	0.05
27	82	56			55	55	83	78		0.28	-
28	72	53			51	52	87	82		0.21	1.49
29	60	48			52	54	87	62		0.10	0.82
30	73	50			52	52	82	64		0.12	
Tot:										5.28	5.35
Ave:	73	48									

OGHI

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	71	49			48	49	66	55		0.13	0.08
2	72	48			51	54	77	62		0.16	-
3	74	48			50	53	71	52		0.22	-
4	78	50			54	57	73	56		0.21	-
5	77	56			50	51	53	57		0.15	-
6	72	55			47	52	58	64		0.04	0.15
7	70	54			51	55	72	49		0.11	0.18
8	80	57			53	61	65	58		0.21	0.02
9	83	59			47	53	55	48		0.21	-
10	77	54			53	50	65	39		0.17	-
11	80	55			54	58	69	40		0.19	-
12	89	55			55	56	62	34		0.24	-
13	92	64			58	54	74	42		0.28	-
14	84	58			53	55	73	47		0.19	0.40
15	84	59			61	56	80	41		0.20	-
16	87	59			56	57	70	39		0.25	-
17	88	58			53	53	58	32		0.26	-
18	90	55			53	51	55	31		0.26	-
19	92	54			51	47	54	23	21	0.32	-
20	93	54			47	47	34	23	23	0.33	-
21	95	55			51	56	42	37	15	0.32	-
22	94	65			56	58	59	51	43	0.43	-
23	83	56			56	59	94	57	34	0.54	1.70
24	82	55			55	54	83	62	24	0.10	-
25	76	54			56	53	79	39	25	0.13	0.19
26	82	53			53	37	65	22	17	0.22	-
27	84	49			49	34	63	19	18	0.30	-
28	84	54			41	38	35	21	28	0.31	-
29	87	60			42	51	31	40	32	0.35	-
30	88	54			45	51	37	29	21	0.31	-
31	91	55			49	54	44	30	23	0.32	-
Tot:										7.46	2.72
Ave:	83	55									

OGHI

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	57			50	57	39	31	15	0.32	-
2	97	63			57	57	53	36	18	0.33	-
3	93	61			57	53	48	31	33	0.33	-
4	94	65			49	49	44	35	26	0.34	-
5	87	56			59	58	67	51	29	0.25	0.25
6	84	57			51	46	60	27	28	0.28	-
7	87	55			50	39	53	20	16	0.30	-
8	92	56			50	50	45	45	22	0.33	-
9	91	54			47	45	40	24	20	0.26	0.03
10	92	58			51	48	40	24	21	0.33	-
11	94	58			51	43	51	17	19	0.35	-
12	98	64			48	58	31	37	25	0.39	-
13	95	61			54	45	47	19	25	0.35	-
14	97	63			55	50	47	22	19	0.35	-
15	99	61			54	43	49	17	19	0.35	-
16	100	59			54	49	49	21	20	0.36	-
17	101	58			51	47	40	18	20	0.43	-
18	102	60			52	36	51	13	23	0.48	-
19	100	59			53	51	55	26	25	0.42	-
20	98	62			55	53	49	28	23	0.38	-
21	97	60			56	59	45	35	23	0.36	-
22	95	67			61	60	80	43	32	0.32	0.06
23	91	67			63	57	59	33	23	0.29	-
24	96	67			61	57	55	31	27	0.35	-
25	97	70			64	56	59	41	32	0.40	-
26	97	62			61	61	61	46	43	0.50	1.00
27	92	63			64	63	81	44	23	0.31	0.07
28	90	70			67	60	77	58	16	0.29	-
29	81	62			61	64	75	44	13	0.12	0.11
30	92	67			64	63	76	56	10	0.30	-
Tot:										10.17	1.72
Ave:	94	61							23		

OGHI

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	64			61	63	68	43	29	0.26	0.29
2	93	67			67	65	81	39	18	0.33	-
3	95	71			68	66	74	66	24	0.34	-
4	93	68			59	59	57	37	29	0.30	-
5	92	63			57	61	66	55	25	0.36	0.17
6	80	59			59	57	89	46	44	0.26	0.37
7	84	62			57	54	66	33	21	0.28	-
8	91	64			61	65	75	60	17	0.30	-
9	91	69			65	63	77	59	26	0.30	-
10	85	69			66	64	81	57	28	0.24	0.02
11	87	63			65	64	95	76	36	0.31	0.96
12	87	64			64	59	90	54	22	0.33	0.91
13	83	64			64	65	85	52	13	0.21	-
14	89	61			67	67	85	48	18	0.28	-
15	92	68			67	65	77	42	16	0.32	-
16	95	70			68	70	82	51	14	0.34	-
17	94	65			65	69	85	64	26	0.13	1.48
18	87	69			69	67	86	61	15	0.22	0.09
19	88	64			63	65	85	54	16	0.28	0.57
20	88	59			60	71	84	62	23	0.29	0.24
21	89	64			62	64	76	44	13	0.24	-
22	93	65			64	65	81	43	9	0.25	-
23	96	68			66	65	66	43	10	0.29	-
24	94	66			66	66	81	50	23	0.29	-
25	91	70			61	59	61	45	21	0.32	-
26	92	62			64	63	81	44	14	0.25	-
27	93	62			57	61	60	39	14	0.29	-
28	93	62			59	59	57	34	16	0.30	-
29	97	64			63	65	76	60	18	0.37	0.24
30	89	66			62	61	80	46	24	0.25	0.07
31	91	64			62	55	80	32	14	0.27	-
Tot:										8.80	5.41
Ave:	90	65							21		

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	64			64	61	76	39	12	0.29	-
2	93	67			55	71	52	54	15	0.30	-
3	95	69			67	68	77	47	12	0.29	-
4	95	72			69	66	78	46	12	0.27	-
5	95	75			69	68	74	53	21	0.28	-
6	92	68			65	69	95	86	36	0.32	1.40
7	77	66			66	70	100	71	-7	0.15*	3.14
8	87	68			69	67	86	85	17	0.22	-
9	86	62			63	65	89	57	21	0.28	0.60
10	87	65			67	64	85	51	11	0.20	-
11	88	66			67	69	85	59	14	0.26	-
12	89	69			69	69	78	64	16	0.26	-
13	87	66			67	68	85	67	22	0.27	0.03
14	87	63			65	67	95	63	24	0.18	0.10
15	83	63			67	69	95	64	10	0.17	-
16	87	67			69	68	86	64	17	0.26	-
17	88	62			62	68	100	64	22	0.55	1.46
18	84	61			62	67	84	66	9	0.17	-
19	85	67			67	65	90	60	17	0.22	-
20	84	63			65	67	95	58	10	0.14	0.03
21	86	63			66	67	81	58	7	0.21	-
22	87	59			61	67	80	58	18	0.28	0.02
23	89	63			60	59	89	54	11	0.25	0.24
24	86	62			64	64	85	54	8	0.17	0.03
25	87	62			61	63	84	56	19	0.16	0.19
26	84	58			63	64	80	57	5	0.15	-
27	85	61			63	65	85	54	14	0.24	-
28	88	68			68	67	90	63	10	0.22	-
29	89	65			63	67	95	95	8	0.21	0.97
30	74	65			64	67	90	73	3	0.01	0.25
31	85	67			67	65	95	77	4	0.10	-
Tot:										7.08	8.46
Ave:	87	65							14		

* Estimated evaporation.

OGHI

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	60			64	67	81	61	7	0.23	0.31
2	88	64			69	69	86	59	9	0.22	-
3	89	65			69	68	86	56	5	0.23	-
4	90	65			67	67	85	52	6	0.24	-
5	91	65			67	66	95	55	9	0.23	-
6	90	67			68	69	90	61	11	0.24	-
7	89	67			69	67	90	61	9	0.21	-
8	89	69			67	61	77	94	10	0.21	-
9	87	63			65	66	95	66	13	0.28	1.14
10	84	65			63	64	95	65	8	0.19	0.01
11	81	62			64	59	90	54	2	0.10	-
12	82	57			67	65	95	60	7	0.18	0.08
13	85	60			64	65	90	57	10	0.20	-
14	87	61			65	71	90	71	9	0.22	-
15	86	67			68	69	90	67	11	0.21	-
16	87	66			53	65	55	60	12	0.22	-
17	86	57			65	61	95	58	13	0.24	0.09
18	85	58			59	59	75	75	6	0.19	-
19	80	55			56	57	100	70	14	0.13	0.48
20	75	55			55	56	94	59	7	0.11	0.33
21	77	53			57	50	89	53	7	0.15	0.03
22	75	47			51	51	87	48	12	0.22	-
23	79	46			50	53	87	46	7	0.19	-
24	83	47			52	49	82	33	7	0.19	-
25	89	48			53	53	78	41	3	0.19	-
26	85	49			53	53	73	41	7	0.19	-
27	85	48			57	54	89	42	7	0.19	-
28	85	49			52	51	77	36	7	0.19	-
29	85	50			53	53	73	41	6	0.18	-
30	84	56			55	53	83	44	11	0.20	0.08
Tot:										5.97	2.55
Ave:	85	58							8		

OGHI

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	83	50			53	49	73	37	6	0.19	-
2	85	51			55	38	83	25	10	0.19	-
3	84	52			51	54	82	73	29	0.35	0.29
4	70	46			50	57	93	53	5	0.03	0.04
5	82	49			51	51	87	48	11	0.17	-
6	81	49			51	47	87	48	16	0.18	-
7	83	48			49	51	80	48	19	0.18	0.05
8	77	51			52	53	87	52	23	0.19	-
9	80	51			53	54	88	49	18	0.18	-
10	81	51			53	55	78	49	19	0.19	-
11	84	49			51	53	77	46	23	0.20	-
12	85	49			50	52	76	43	10	0.18	-
13	86	49			55	48	78	39	16	0.20	-
14	85	48			49	39	76	27	13	0.20	-
15	85	48			47	44	70	37	19	0.20	-
16	84	55			56	52	83	57	36	0.22	0.06
17	79	53			52	52	87	87	29	0.20	0.08
18	70	48			48	53	100	100	13	0.06	0.57
19	61	40			45	46	93	51	18	0.04	-
20	73	47			47	49	81	71	12	0.12	-
21	74	48			48	47	100	86	25	0.14	0.47
22	57	41			44	47	92	62	10	0.02	0.21
23	69	40			44	41	92	48	12	0.11	-
24	73	39			44	44	92	49	12	0.13	-
25	75	39			43	48	85	52	11	0.13	-
26	76	38			42	41	79	42	9	0.13	-
27	75	38			39	39	78	36	17	0.14	-
28	89	38			43	41	85	42	17	0.14	-
29	76	39			41	45	79	50	16	0.15	-
30	74	39			41	45	92	50	13	0.14	-
31	73	40			41	45	73	57	16	0.14	-
Tot:										4.84	1.77
Ave:	78	44							16		

OGHI

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	71	41			44	44	85	49	13	0.10	-
2	73	40			41	44	79	47	12	0.11	-
3	75	38			32	37	45	42	15	0.14	-
4	79	39			37	35	60	38	16	0.15	-
5	80	39			36	40	70	47	20	0.14	-
6	83	39			35	39	47	38	19	0.17	-
7	82	42			39	43	67	43	15	0.14	-
8	81	41			40	48	47	52	16	0.13	-
9	80	44			41	45	79	47	10	0.12	-
10	75	43			42	49	85	55	14	0.12	-
11	76	45			45	42	93	49	12	0.12	-
12	72	43			42	43	92	43	16	0.11	-
13	73	42			42	41	85	45	10	0.11	-
14	77	39			37	37	71	39	23	0.13	-
15	76	36			32	37	68	39	16	0.14	-
16	75	34			26	35	53	36	18	0.14	-
17	75	34			31	27	61	26	18	0.15	-
18	75	34			27	26	58	25	18	0.13	-
19	74	33			25	27	52	26	20	0.13	-
20	75	33			27	35	54	41	15	0.13	-
21	74	38			31	35	67	44	14	0.12	-
22	64	42			43	48	92	100	27	0.06	0.38
23	53	43			43	43	100	92	6	0.07	1.00
24	51	43			43	45	100	86	21	0.07*	0.37
25	59	43			44	42	92	85	24	0.07	0.28
26	51	34			37	45	91	80	24	0.03	0.21
27	68	34			33	45	90	80	13	0.08	-
28	67	33			33	41	90	67	12	0.10	-
29	66	33			33	38	90	61	15	0.08	-
30	65	33			30	42	74	68	22	0.09	-
Tot:										3.33	2.24
Ave:	72	39							16		

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	66	35			29	37	66	56	25	0.10	-
2	68	39			30	43	66	64	28	0.11	-
3	75	34			33	43	90	60	9	0.08	-
4					37	46	91	75	7	0.07	-
5	68	35			33	39	90	62	3	0.05	-
6	69	32			35	38	90	61	4	0.05	-
7	70	34			32	41	81	67	11	0.07	-
8	60	37			36	39	83	78	10	0.06	-
9	54	39			37	42	84	92	16	0.05	-
10	51	37			35	41	100	92	24	0.05	1.04
11	52	32			33	39	100	72	12	0.04	0.05
12	63	31			31	41	100	73	10	0.05	-
13	64	31			24	37	70	65	14	0.07	-
14	63	32			29	41	80	73	20	0.09	-
15	66	32			30	42	80	73	12	0.07	-
16	60	35			40	41	84	100	10	0.01	0.04
17	47	40			40	45	100	100	6		0.48
18	48	38			37	45	91	93	2	0.02*	0.10
19	56	39			42	41	100	79	10	0.02	0.10
20	59	38			39	43	91	79	17	0.05	-
21	60	35			35	39	100	72	11	0.05	-
22	60	34			34	36	100	76	12	0.06	-
23	59	31			31	33	100	63	14	0.06	-
24					38	37	100	100	14	0.02	-
25	42	37			37	41	100	92	9	0.01*	0.43
26	55	37			38	37	100	100	17	0.04	0.05
27	43	35			35	41	100	92	24	0.15	2.16
28	49	35			37	40	100	92	7	0.01	0.04
29	54	32			32	33	100	69	26	0.06	-
30	57	32			29	32	89	62	17	0.06	-
31	58	30			30	38	100	77	7	0.06	-
Tot:										1.69	4.49
Ave:									13		

* Estimated evaporation.

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PADIDAN - 1972

Location Latitude 26 49', Longitude 68 18',in the air field at Padidan on the right Bank of Nurrat Canal, about 1½ miles from Railway Station.

Elevation

Period of record The station was established by the Project Director, Project Planning. Southern Zone (old L.I.P) on 24.1.64 and taken over by Surface Water Hydrology Project in December 1965.

Instruments
5" Non-recording rain gauge.
Maximum and minimum air temperature thermometer.
Maximum and minimum Pan water temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau Standard Evaporation Pan.
Anemometer.

Annual Figures

Precipitation	0.95 inches
Evaporation (Pan)	incomplete
Absolute maximum air temperature	121°F
Absolute minimum air temperature	33°F

Remarks
Observations of Precipitation, Pan evaporation, maximum and minimum tepe-ratures and wind travel are taken at 0800 hours and stand for 24 hour period Preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown.
Blank space indicates no record.
(-) Indicates no Precipitations.

PADIDAN

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	43	71	46	44	47	85	44		0.16	-
2	73	42	70	45	38	46	83	43		0.13	-
3	75	41	75	44	38	41	76	31		0.11	-
4	76	43	71	44	42	42	92	36		0.11	-
5	73	38	71	43	38	43	91	39		0.12	-
6	72	36	68	41	39	47	91	44		0.11	-
7	72	38	69	40	32	34	73	27		0.13	-
8	72	35	67	40	37	32	100	24		0.12	-
9	72	37	66	40	37	42	83	34		0.12	-
10	75	37	70	42	34	32	82	22		0.16	-
11	78	39	71	42	38	39	91	32		0.12	-
12	76	39	71	43	38	40	83	37		0.13	-
13	69	42	64	44	44	41	85	31		0.09	-
14	77	40	71	44	37	43	83	41		0.12	-
15	71	39	69	42	36	38	82	27		0.11	-
16	74	40	71	42	39	41	84	31		0.13	-
17	76	44	73	45	41	47	77	44		0.14	-
18	74	44	71	46	41	40	84	26		0.17	-
19	78	45	73	46	45	50	73	48		0.14	-
20	73	53	69	50	46	50	64	43	63	0.13	-
21	76	45	72	49	43	43	85	26	30	0.11	-
22	82	41	75	45	37	41	83	41	56	0.20	-
23	70	39	69	41	38	40	91	40	38	0.14	-
24	66	40	63	48	43	40	85	40	23	0.09	-
25	68	47	66	46	43	43	78	41	31	0.11	-
26	69	45	69	46	44	43	92	37	42	0.14	-
27	74	45	73	46	42	39	72	28	25	0.11	-
28	76	46	73	48	44	49	85	43	37	0.14	-
29	76	47	71	50	51	49	87	45	54	0.16	-
30	73	55	71	55	53	57	87	88	52	0.14	-
31	70	57	73	55	58	57	100	88	60	0.07	0.07
Tot:										3.96	0.07
Ave:	74	43	70	45							

PADIDAN

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	61	56	60	55	57	59	100	88	30	0.09	0.36
2	68	49	65	50	48	46	93	60	58	0.06	-
3	61	38	61	43	38	44	91	45	37	0.06	-
4	69	39	72	43	41	45	92	52	11	0.09	-
5	65	38	67	41	37	33	91	31	52	0.12	-
6	67	36	70	41	36	28	75	25	27	0.12	-
7	67	34	70	42	23	28	90	22	41	0.15	-
8	71	33	69	40	35	38	82	23	15	0.15	-
9	72	38	73	42	36	31	82	19	20	0.14	-
10	77	40	72	44	39	38	84	26	62	0.22	-
11	81	44	76	43	41	35	53	30	97	0.23	-
12	71	35	69	39	30	16	72	18	70	0.26	-
13	63	35	64	38	28	6	71	8	44	0.15	-
14	74	36	73	38	29	32	64	24	39	0.16	-
15	73	40	72	42	37	28	83	25	51	0.21	-
16	69	38	72	41	34	30	82	25	57	0.18	-
17	68	39	70	42	35	30	74	22	37	0.17	-
18	74	39	75	43	35	28	74	19	26	0.16	-
19	73	41	75	44	39	31	84	18	22	0.17	-
20	77	43	77	47	39	34	70	19	33	0.19	-
21	82	45	80	49	42	34	78	18	20	0.18	-
22	83	48	80	51	50	45	62	27	83	0.28	-
23	84	46	83	51	41	23	77	16	50	0.27	-
24	79	37	79	40	26	28	51	22	49	0.23	-
25	70	35	71	39	25	11	56	11	50	0.20	-
26	68	35	67	37	23	21	49	16	73	0.23	-
27	71	37	72	38	30	26	65	17	38	0.19	-
28	75	38	84	42	35	18	68	13	31	0.18	-
29	74	35	84	41	30	26	65	15	40	0.22	-
Tot:										5.06	0.36
Ave:	72	40	72	43					44		

PADIDAN

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	38	76	43	35	27	74	14	42	0.26	-
2	81	41	77	45	36	28	63	13	30	0.22	-
3	84	46	80	49	42	29	67	13	40	0.24	-
4	87	52	83	52	43	25	58	12	55	0.27	-
5	83	45	80	48	39	32	70	17	73	0.35	-
6	82	47	81	48	38	34	55	18	41	0.30	-
7	83	53	79	51	48	43	70	26	49	0.25	-
8	83	55	83	55	52	49	81	30	65	0.22	-
9	86	58	86	57	45	41	49	20	34	0.23	-
10	91	59	84	59	53	44	72	24	66	0.28	-
11	87	60	85	57	51	52	62	42	64	0.25	-
12	78	58	76	57	55	48	73	28	52	0.20	-
13	87	48	87	53	45	33	63	16	52	0.26	-
14	84	51	83	53	46	36	69	17	54	0.29	-
15	87	55	87	55	45	38	49	15	30	0.26	-
16	93	65	86	59	54	41	60	18	65	0.35	-
17	92	61	88	62	53	45	56	22	53	0.33	-
18	92	66	90	65	57	49	62	21	38	0.29	-
19	96	67	90	63	55	47	61	20	63	0.36	-
20	96	65	88	60	54	47	54	25	110	0.38	-
21	90	59	89	61	56	46	65	21	44	0.31	-
22	94	62	92	62	55	37	64	13	38	0.30	-
23	96	64	93	64	40	43	26	15	47	0.36	-
24	102	67	93	63	49	41	40	12	52	0.40	-
25	105	66	96	64	56	45	55	14	61	0.40	-
26	106	67	96	64	60	46	63	17	75	0.42	-
27	106	71	96	65	53	37	40	10	48	0.38	-
28	105	69	94	60	48	35	38	11	61	0.43	-
29	100	70	95	60	53	43	45	19	47	0.40	-
30	94	66	90	63	40	36	35	14	70	0.37	-
31	95	58	91	57	44	32	42	11	57	0.39	-
Tot:										9.75	0.00
Ave:	91	58	87	57					54		

PADIDAN

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	58	91	58	43	11	37	4	21	0.37	-
2	96	62	94	58	54	17	57	5	21	0.44	-
3	101	65	90	60	54	29	54	8	22	0.46	-
4	104	69	94	64	51	28	39	9	18	0.44	-
5	97	62	93	61	46	37	39	13	22	0.38	-
6	96	61	92	61	58	33	59	11	37	0.35	-
7	97	64	93	60	53	35	53	12	48	0.38	-
8	99	70	94	62	50	39	37	15	47	0.39	-
9	96	69	90	64	45	44	36	20	72	0.44	-
10	92	63	89	62	38	34	26	11	45	0.35	-
11	99	63	92	62	35	30	22	9	50	0.41	-
12	101	67	93	63	39	27	24	7	34	0.39	-
13	106	67	95	62	46	34	33	9	68	0.48	-
14	107	71	97	64	53	29	40	7	61	0.46	-
15	110	72	106	66	62	55	52	22	114	0.60	-
16	102	71	95	67	61	55	54	41	99	0.58	-
17	99	68	95	63	59	49	53	24	89	0.36	0.09
18	96	69	87	66	49	48	40	22	105	0.45	-
19	96	68	91	62	54	22	51	7	38	0.32	-
20	99	71	92	63	43	34	26	11	38	0.36	-
21	100	73	91	67	51	50	35	28	47	0.40	-
22	89	74	79	68	57	53	47	31	49	0.26	-
23	91	67	93	65	60	54	60	26	59	0.28	-
24	95	69	94	67	62	52	55	23	68	0.38	-
25	99	76	95	68	59	47	41	16	101	0.50	-
26	104	82	97	71	65	47	51	20	171	0.66	-
27	99	80	86	68	58	27	43	8	212	0.72	-
28	99	70	92	62	50	32	37	10	177	0.80	-
29	100	65	95	63	50	32	37	10	51	0.46	-
30	102	66	94	63	48	39	32	11	51	0.50	-
Tot:										13.37	0.09
Ave:	99	68	93	64					68		

PADIDAN

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	105	76	95	65	49	43	34	15	50	0.61	-
2	102	72	93	65	49	47	34	16	53	0.56	-
3	102	72	94	67	48	40	32	11	78	0.34	-
4	106	72	94	64	54	45	37	14	131	0.78	-
5	107	74	96	66	52	29	36	8	134	0.54	-
6	103	73	93	65	53	19	38	5	149	0.76	-
7	105	71	92	63	50	48	37	17	165	0.78	-
8	102	73	96	64	54	46	41	14	55	0.48	-
9	107	77	97	69	57	50	37	15	40	0.62	-
10	109	74	100	66	63	55	53	19	45	0.57	-
11	110	79	101	70	65	51	51	15	42	0.41	-
12	112	82	103	73	54	33	29	7	49	0.50	-
13	116	84	96	67	44	34	20	8	142	0.88	-
14	111	70	99	68	47	46	26	14	64	0.59	-
15	107	77	95	70	54	39	32	9	55	0.50	-
16	111	78	99	69	52	41	29	10	71	0.63	-
17	110	81	95	71	53	47	27	12	73	0.62	-
18	112	79	101	75	52	42	25	9	37	0.50	-
19	116	76	102	73	61	43	42	10	52	0.53	-
20	117	76	104	72	61	29	40	5	66	0.59	-
21	120	85	103	71	56	32	28	6	121	0.82	-
22	118	90	95	71	57	41	40	10	215	1.10	-
23	112	82	99	74	47	41	23	11	117	0.70	-
24	110	75	101	73	63	23	47	5	59	0.54	-
25	108	71	94	68	45	21	22	5	50	0.57	-
26	106	65	96	64	51	15	35	4	38	0.51	-
27	107	64	94	61	37	15	18	4	54	0.62	-
28	108	67	97	64	45	17	25	4	13	0.50	-
29	110	75	99	68	68	42	60	11	19	0.47	-
30	109	79	98	69	70	50	61	15	56	0.47	-
31	111	83	102	72	64	48	44	13	28	0.51	-
Tot:										18.60	0.00
Ave:	109	76	98	68					75		

PADIDAN

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	112	80	103	73	69	51	55	15	42	0.54	-
2	110	81	102	72	65	59	46	22	46	0.68	-
3	110	81	100	76	73	55	65	19	44	0.60	-
4	109	80	103	74	67	39	52	9	38	0.55	-
5	114	86	101	75	64	28	40	6	24	0.59	-
6	114	78	99	73	61	37	40	9	20	0.58	-
7	114	81	103	74	72	38	59	8	8	0.56	-
8	113	80	103	73	62	21	37	4	32	0.59	-
9	115	77	96	73	67	39	49	9	28	0.71	-
10	112	81	101	73	56	45	32	11	12	0.55	-
11	115	80	104	74	67	50	52	13	30	0.59	-
12	115	82	102	76	67	58	52	17	50	0.63	-
13	117	81	105	76	71	65	61	24	47	0.57	-
14	111	80	103	63	72	61	62	19	156	0.60	-
15	115	81	101	75	72	53	62	14	132	0.72	-
16	116	81	105	75	75	66	63	23	116	0.60	-
17	117	80	106	76	74	62	65	19	124	0.70	-
18	115	83	104	75	76	47	63	10	120	0.64	-
19	121	85	107	77	76	55	63	15	115	0.75	-
20	116	83	104	77	73	58	59	19	121	0.60	-
21	113	83	104	77	75	52	69	15	120	0.58	-
22	112	79	104	74	71	59	61	23	126	0.62	-
23	113	83	97	75	67	67	45	28	148	0.72	-
24	109	85	100	77	73	67	54	28	120	0.65	-
25	109	85	99	78	74	67	55	30	139	0.67	-
26	106	86	99	79	74	71	57	36	118	0.56	-
27	104	83	100	77	72	71	65	36	153	0.62	-
28	105	85	101	77	73	66	57	29	91	0.52	-
29	107	82	100	76	76	72	72	47	110	0.48	-
30	106	85	99	79	75	66	63	29	173	0.48	-
Tot:										18.25	0.00
Ave:	112	82	102	75					87		

PADIDAN

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	86	99	78	77	68	63	31	31	0.54	-
2	107	82	99	78	76	79	72	91	95	0.46	-
3	108	80	100	78	79	73	83	48	76	0.35	0.29
4	97	82	97	76	73	69	62	34	118	0.47	-
5	105	83	95	76	75	69	65	30	104	0.68	-
6	110	85	101	79	78	74	69	42	133	0.65	-
7	103	85	105	78	75	72	65	37	122	0.43	-
8	105	84	101	79	78	72	69	40	94	0.47	-
9	109	81	106	78	74	69	65	32	85	0.48	0.02
10	106	87	100	80	77	72	63	40	95	0.45	-
11	103	84	100	78		65		23	155	0.51	-
12	113	87	102	79	73	65	52	23	149	0.63	-
13	113	85	103	79	76	73	66	34	127	0.53	-
14	108	83	102	78	77	70	72	33	122	0.45	-
15	106	82	102	76	77	69	76	30	160	0.53	-
16	109	83	105	77	77	69	72	31	128	0.47	-
17	109	84	104	77	75	68	69	29	162	0.50	-
18	111	83	105	77	74	69	68	30	122	0.49	-
19	111	84	102	77	75	63	69	24	128	0.52	-
20	108	83	102	76	73	67	65	30	147	0.52	-
21	105	82	101	76	74	69	68	32	131	0.52	-
22	106	83	102	76	74	70	65	33	113	0.47	-
23	108	81	102	75	75	71	69	35	144	0.53	-
24	106	82	102	76	74	69	65	30	140	0.54	-
25	110	83	103	76	74	66	65	27	121	0.54	-
26	111	83	99	76	70	61	55	22	1 4	0.62	-
27	113	83	101	76	72	61	62	22	144	0.62	-
28	112	82	103	75	69	63	58	23	100	0.54	-
29	112	82	103	75	73	66	65	29	139	0.56	-
30	108	82	100	75	72	63	62	29	161	0.56	-
31	112	81	105	75	74	69	71	34	134	0.48	-
Tot:										16.11	0.31
Ave:	108	83	102	77					126		

PADIDAN

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	105	81	103	76	73	72	68	38	162	0.52	-
2	104	81	101	75	73	69	68	32	156	0.48	-
3	106	81	103	75	73	69	68	32	176	0.50	-
4	106	80	101	74	74	70	71	36	190	0.56	-
5	105	81	103	75	73	74	68	42	170	0.49	-
6	104	81	103	75	74	71	71	35	182	0.49	-
7	107	81	104	76	73	71	68	36	154	0.47	-
8	105	83	104	77	75	71	72	36	131	0.47	-
9	106	83	104	77	75	71	72	35	131	0.47	-
10	106	83	103	77	72	72	65	38	108	0.46	-
11	108	81	102	74	69	62	67	28	112	0.45	-
12	102	79	95	73	71	67	67	30	114	0.42	-
13	104	76	101	72	71	67	70	30	109	0.43	-
14	105	76	101	71	71	67	74	32	157	0.46	-
15	104	80	101	73	72	68	65	35	67	0.40	-
16	103	85	102	79	72	65	54	27	80	0.35	-
17	108	80	104	75	71	72	64	40	38	0.45	-
18	104	78	101	73	72	67	74	30	118	0.48	-
19	105	81	101	75	72	71	62	36	24	0.54	-
20	105	83	101	75	73	69	62	39	34	0.46	-
21	102	82	98	78	75	71	63	36	76	0.47	-
22	105	84	103	80	72	71	62	35	48	0.38	-
23	107	82	104	76	72	69	65	31	78	0.45	-
24	111	80	104	75	74	71	75	35	94	0.48	-
25	108	80	104	75	73	64	71	26	85	0.45	-
26	108	80	100	75	73	68	75	33	88	0.40	-
27	104	76	99	74	74	49	78	17	90	0.41	-
28	103	70	95	73	63	16	58	4	56	0.47	-
29	104	68	93	65	64	36	65	11	47	0.42	-
30	104	66	94	64	65	31	65	8	60	0.43	-
31	106	70	97	67	70	40	74	11	41	0.45	-
Tot:										14.16	0.00
Ave:	105	79	101	74					102		

PADIDAN

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	107	72	99	70	72	52	74	17	45	0.35	-
2	107	76	100	72	71	58	67	22	54	0.40	-
3	107	75	98	70	68	57	70	21	119	0.48	-
4	109	75	98	70	68	61	70	26	136	0.46	-
5	104	75	98	69	69	63	70	28	112	0.43	-
6	105	75			71	62	74	34	115		-
7	104	75			72	68	78	36	128		-
8	104	75			70	67	74	38	119		-
9	99	72			71	57	82	25	56		-
10	101	73			69	66	77	34	235		-
11	104	73			71	56	82	23	108		-
12	105	75			71	57	58	21	49		-
13	108	79			67	59	52	20	38		-
14	112	76			67	65	63	27	96		-
15	110	77			71	66	70	29	100		-
16	108	77			72	67	74	32	121		-
17	104	78			72	60	71	24	104		-
18	108	77			73	61	82	28	86		-
19	102	74			64	42	55	15	49		-
20	101	71			69	51	81	24	58		-
21	99	69			53	42	45	15	56		-
22	100	69			57	44	49	18	53		-
23	99	62			54	39	51	14	49		-
24	99	60			58	40	56	14	41		-
25	101	63			52	36	42	11	30		-
26	105	63			46	40	39	12	49		-
27	106	66			57	47	55	18	95		-
28	101	68			66	51	77	21	55		-
29	101	71			67	54	69	21	38		-
30	104	70			64	51	65	19	35		-
Tot:											0.00
Ave:	104	72							81		

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	103	70			64	56	61	23	42		-
2	103	72			68	61	73	28	40		-
3	103	72			66	55	69	24	42		-
4	102	69			58	49	56	24	45		-
5	102	73			54	52	43	25	93		-
6	98	67			58	47	56	20	72		-
7	97	66			59	51	62	21	40		-
8	99	65			57	44	62	16	28		-
9	101	63			54	46	48	17	49		-
10	102	63			57	37	55	12	36		-
11	102	66			54	45	48	15	36		-
12	104	66			63	50	68	20	40		-
13	103	65			60	47	67	18	31		-
14	103	64			55	35	49	12	31		-
15	99	61			55	35	69	12	37		-
16	102	61			52	39	53	14	28		-
17	99	60			57	44	69	18	30		-
18	99	61			51	35	49	11	34		-
19	105	61			57	51	69	24	40		-
20	104	62			57	44	65	18	57		-
21	97	64			59	45	70	22	54		-
22	93	60			57	52	78	32	63		-
23	88	62			55	50	64	25	39		-
24	92	61	87	59	50	43	58	21	46	0.27	-
25	91	56	85	57	51	43	66	21	43	0.26	-
26	91	59	85	57	54	39	68	19	38	0.24	-
27	91	57	85	56	52	42	67	22	50	0.27	-
28	90	54	85	56	51	42	76	22	36	0.24	-
29	90	54	85	56	47	38	57	17	25	0.22	-
30	93	56	85	55	50	43	58	19	34	0.24	-
31	95	52	85	55	45	43	49	24	41	0.26	-
Tot:											0.00
Ave:	98	63									

PADIDAN

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	93	56	84	55	53	44	72	20	31	0.23	-
2	93	59	86	58	53	51	64	27	27	0.23	-
3	93	57	86	59	54	50	77	25	25	0.20	-
4	97	55	85	58	51	50	71	25	18	0.21	-
5	95	56	87	57	49	46	66	21	31	0.22	-
6	96	55	87	57	44	40	45	16	22	0.21	-
7	94	54	85	55	45	46	55	21	31	0.24	-
8	95	53	85	54	49	43	75	19	26	0.22	-
9	95	52	87	55	47	44	61	20	22	0.20	-
10	93	51	84	54	49	49	75	29	27	0.23	-
11	90	54	83	55	47	53	65	31	30	0.19	-
12	91	55	84	57	51	49	76	29	19	0.18	-
13	87	54	83	57	54	49	77	26	26	0.19	-
14	91	59	85	58	52	52	63	29	28	0.19	-
15	92	60	86	59	56	56	73	32	24	0.18	-
16	94	57	87	59	53	57	72	37	24	0.19	-
17	91	57	85	58	55	53	77	33	28	0.17	-
18	92	61	84	59	55	51	69	30	31	0.18	-
19	91	56	85	58	51	51	76	27	28	0.19	-
20	92	57	84	57	46	52	53	29	21	0.18	-
21	92	56	82	56	51	56	76	46	44	0.22	-
22	87	56	78	57	53	47	82	35	55	0.19	-
23	81	53	79	53	48	53	70	45	42	0.18	-
24	78	51	78	53	48	50	70	43	40	0.15	-
25	79	49	76	51	47	44	86	33	34	0.15	-
26	77	47	75	48	42	47	72	37	36	0.16	-
27	81	47	76	49	46	47	85	37	25	0.14	-
28	79	47	75	49	46	52	85	42	27	0.15	-
29	82	49	77	50	49	43	88	29	19	0.13	-
30	82	47	78	50	48	47	86	35	24	0.14	-
Tot:										5.64	0.00
Ave:	89	54	83	55					29		

PADIDAN

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	49	77	49	45	45	73	32	25	0.14	-
2	82	48	78	48	48	42	86	27	15	0.14	-
3	82	51	78	51	48	42	75	28	35	0.15	-
4	81	49	75	49	45	48	68	40	53	0.18	-
5	78	47	74	48	48	43	86	31	32	0.14	-
6	79	46	75	48	47	42	93	28	22	0.14	-
7	82	47	75	49	46	48	79	33	19	0.12	-
8	82	52	75	50	51	45	81	36	64	0.16	-
9	77	49	75	48	40	34	71	24	61	0.17	-
10	74	42	76	46	40	42	84	36	18	0.14	-
11	72	44	71	45	40	40	84	35	10	0.13	-
12	72	41	70	44	40	46	91	39	18	0.11	-
13	76	42	71	45	42	38	92	26	9	0.12	-
14	79	44	73	46	31	41	50	30	7	0.12	-
15	78	48	71	49	45	48	85	42	11	0.11	-
16	75	49	69	49	46	52	74	50	42	[illegible]	-
17	74	53	70	50	51	53	81	82	44	0.12	-
18	62	55	56	52	53	55	93	69	66	0.05	0.08
19	67	50	64	51	50	53	100	53	31	0.06	-
20	73	50	73	51	49	52	93	50	28	0.12	-
21	75	48	75	50	48	49	93	40	22	0.12	-
22	78	49	75	50	46	49	85	40	22	0.10	-
23	79	49	75	50	49	52	93	44	41	0.14	-
24	78	50	74	50	49	55	86	61	23	0.10	-
25	71	52	69	51	51	45	93	46	41	0.10	-
26	69	53	68	51	56	51	94	70	39	0.09	0.04
27	72	49	70	47	39	52	65	63	46	0.10	-
28	67	44	66	42	34	33	62	33	79	0.14	-
29	66	35	64	37	25	26	62	23	53	0.16	-
30	67	33	62	37	33	35	90	34	42	0.14	-
31	67	34	62	37	32	32	90	29	15	0.09	
Tot:										3.81	0.12
Ave:	75	47	71	47					33		

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PADRI JO GOTH - 1972

Location	Latitude 26°05', Longitude 68°58', nearly ½ mile on left side from 3rd milestone on Sanghar-Bakhare Pacca Road.
Elevation	
Period of record	The Station was established by the Project Director, Project Planning, Southern Zone (old L.I.P) on 1.5.1964, and taken over by Surface Water Hydrology Project in December, 1965.
Instruments	5" Non-recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation incomplete Evaporation incomplete Absolute maximum air temperature 115°F Absolute minimum air temperature 35°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry bulb temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

PADRI-JO-GOTH

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	82	45	75	44	41	54	52	43	10	0.15	-
2	78	45	77	44	53	63	82	64	21	0.16	-
3	79	45	72	45	46	56	88	50	8	0.15	-
4	78	43	74	42	47	63	86	72	13	0.13	-
5	76	42	71	41	41	66	77	80	18	0.14	-
6	75	39	71	38	35	57	68	55	16	0.13	-
7	75	37	41	36	32	58	73	66	14	0.14	-
8	72	36	68	34	31	61	73	71	17	0.15	-
9			70	42	43	63	63	64	16	0.14	-
10	79	46	71	42	45	60	73	54	23	0.15	-
11	79	43	72	42	42	57	78	55	9	0.18	-
12	76	41	70	38	32	54	66	51	15	0.16	-
13	75	42	69	42	40	57	77	55	16	0.17	-
14	81	42	68	41	40	54	77	51	13	0.15	-
15	74	39	71	38	35	52	74	50	23	0.12	-
16	77	42	73	42	40	63	77	64	15	0.16	-
17	78	44	74	43	42	61	73	57	15	0.17	-
18	79	45	76	45	43	63	73	64	27	0.16	-
19	78	48	74	47	46	59	79	62	22	0.17	-
20	74	52	68	51	50	60	81	63	19	0.15	-
21	81	45	78	43	4[illegible]	55	81	49	9	0.11	-
22	83	43	77	41	40	62	84	58	24	0.12	-
23			71	41	39	63	77	80	24	0.18	-
24	71	44	68	42	43	62	78	84	21	0.19	-
25	73	43	69	41	53	58	82	70	20	0.18	-
26	71	44	67	43	42	57	72	74	25	0.16	-
27	73	46	72	45	42	60	78	70	19	0.14	-
28	79	46	76	45	49	59	80	61	12	0.15	-
29	78	45	75	44	49	54	86	51	27	0.14	-
30	79	46	76	43	51	56	81	46	20	0.16	-
31	80	55	79	51	53	53	82	45	13	0.13	-
Tot:										4.69	0.00
Ave:			72	42					18		

PADRI-JO-GOTH

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1			72	54	53	65	82	80	41	[illegible]	-
2	76	54	74	51	49	55	80	64	25	0.1[illegible]	-
3	70	43	61	40	37	59	76	74	16	0.10	-
4	71	43	70	42	42	59	78	74	16	0.12	-
5	70	40	69	39	36	54	69	60	33	0.15	-
6	68	37	67	37	36	54	82	68	19	0.12	-
7	68	36	66	34	31	57	73	69	0	0.13	-
8	73	35	72	34	39	60	77	70	35	0.14	-
9	74	36	72	35	39	60	77	63	6	0.15	-
10	77	43	75	42	51	63	81	64	22	0.16	
11	83	57	78	54	53	52	82	50	52	0.18	-
12	72	39	70	36	39	52	77	53	50	[illegible].21	-
13	70	37	67	35	36	54	75	60	23	0.15	-
14	73	37	71	35	36	62	82	75	9	0.18	-
15	75	41	72	38	43	65	78	80	25	0.21	-
16	73	39	68	36	39	62	77	75	40	0.23	-
17	71	38	67	36	38	67	76	90	35	0.20	-
18	73	41	72	39	47	65	74	80	22	0.19	-
19	77	41	75	40	49	66	80	77	24	0.21	-
20	81	45	78	44	42	62	78	55	12	0.22	-
21	85	47	81	45	49	50	80	31	12	0.23	-
22	88	54	82	52	54	58	77	43	12	0.20	-
23	85	49	84	48	49	58	80	48	49	0.22	-
24	81	37	78	36	37	57	76	49	26	0.21	-
25	79	35	76	34	42	58	78	66	32	0.23	-
26	71	34	68	33	41	66	77	90	24	0.21	-
27	72	38	70	37	40	68	77	90	36	0.23	-
28	75	39	72	38	47	59	80	59	16	0.24	-
29	77	37	76	36	38	56	76	52	19	0.22	-
Tot:										5.29	0.00
Ave:			73	40					25		

PADRI-JO-GOTH

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	79	39	78	38	40	64	77	61	8	0.23	-
2	83	41	81	39	40	66	65	66	25	0.24	-
3	85	51	82	48	49	69	70	60	10	0.26	-
4	89	57	86	56	57	74	91	65	28	0.27	-
5	83	45	82	44	48	74	80	78	42	0.28	-
6	86	53	82	51	54	75	77	75	15	0.29	-
7	88	52	86	51	50	71	81	58	12	0.30	-
8	89	57	84	56	57	76	83	72	38	0.28	-
9	90	59	88	58	58	73	83	69	14	0.29	-
10	88	56	85	54	57	75	88	75	16	0.26	-
11	90	55	88	54	54	76	77	75	19	0.28	-
12	83	62	78	58	59	78	89	87	14	0.30	-
13	87	53	86	52	54	75	77	75	66	0.31	-
14	88	56	85	54	52	73	81	65	29	0.30	-
15	89	56	87	55	57	73	78	62	20	0.28	-
16	92	61	88	57	54	75	72	63	21	0.31	-
17	93	63	91	61	59	73	74	75	20	0.32	-
18	95	64	94	63	60	65	79	44	17	0.33	-
19	98	65	93	62	66	60	85	34	20	0.30	-
20	95	64	88	60	63	67	80	45	41	0.28	-
21	93	57	87	56	59	71	83	51	40	0.31	-
22	95	65	91	62	64	67	85	41	22	0.32	-
23	99	63	95	62	70	68	79	38	12	0.33	-
24	103	64	98	63	62	78	84	52	11	0.35	-
25	105	60	96	59	59	75	89	49	15	0.30	-
26	103	60	95	58	58	78	83	52	39	0.33	-
27	104	65	96	64	64	86	76	69	23	0.34	-
28	101	65	95	63	66	88	85	78	14	0.32	-
29	102	67	96	66	65	79	85	64	22	0.31	-
30	97	65	95	64	64	81	85	62	16	0.28	-
31	98	61	96	60	60	77	84	54	24	0.25	-
Tot:										9.15	0.00
Ave:	93	58	89	56					23		

PADRI-JO-GOTH

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	64	97	62	64	77	85	63	20	0.28	-
2	99	58	93	58	56	79	73	54	11	0.18	-
3	100	65	96	62	65	85	72	65	36	0.23	-
4	101	67	94	64	66	86	85	69	33	0.25	-
5	99	65	96	64	63	77	80	54	25	0.28	-
6	97	63	95	61	61	83	84	70	23	0.30	-
7	97	64	94	62	61	86	84	81	22	0.32	-
8	95	66	92	62	69	86	81	84	24	0.29	-
9	97	71	93	68	66	87	77	84	29	0.31	-
10	94	62	92	61	60	88	84	85	27	0.30	-
11	98	63	96	60	75	88	79	82	13	0.31	-
12	101	63	97	62	60	85	79	72	10	0.30	-
13	103	64	98	63	63	82	80	62	15	0.32	-
14	105	66	95	60	65	86	76	69	41	0.28	-
15	103	71	95	64	69	87	86	69	70	0.35	-
16	101	70	92	68	69	83	86	65	73	0.36	-
17	99	67	95	65	67	87	85	73	43	0.38	-
18	98	68	90	65	67	74	81	89	59	0.36	-
19	94	64	92	63	63	73	75	57	17	0.28	-
20	98	68	95	65	70	65	81	35	14	0.30	-
21	99	70	96	68	69	70	81	41	12	0.32	-
22	97	75	94	70	75	69	93	42	18	0.26	-
23	90	65	85	65	65	71	80	58	11	0.19	-
24	95	70	94	69	69	76	81	59	44	0.22	-
25	98	72	94	68	71	77	86	54	69	0.29	-
26	102	74	97	73	74	69	86	42	84	0.35	-
27	99	73	90	70	73	70	86	52	98	0.41	-
28	95	66	94	62	67	74	81	55	70	0.39	-
29	99	67	97	65	67	76	73	53	19	0.42	-
30	102	65	100	64	69	69	81	39	14	0.45	-
Tot:										9.28	0.00
Ave:	98	67	94	64					35		

PADRI-JO-GOTH

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	74	101	68	75	77	83	56	32	0.41	-
2	103	71	99	68	70	76	86	47	17	0.38	-
3	102	72	101	70	72	80	82	54	25	0.34	-
4	104	72	95	68	77	82	86	56	51	0.45	-
5	105	71	96	69	70	83	86	60	53	0.47	-
6	101	71	97	68	71	81	86	59	67	0.45	-
7	101	72	92	65	70	85	86	66	87	0.46	-
8	101	70	99	67	72	82	82	58	29	0.43	-
9	104	74	100	70	67	83	57	56	21	0.42	-
10	105	70	97	68	68	87	85	64	55	0.45	-
11	104	75	103	72	74	89	86	67	20	0.40	-
12	108	75	105	74	74	93	75	71	12	0.42	-
13	113	73	100	75	73	93	82	82	59	0.52	-
14	107	73	99	67	72	92	76	68	36	0.50	-
15	107	74	104	74	74	94	78	76	15	0.45	-
16	110	75	102	74	74	88	75	59	26	0.42	-
17	111	75	103	72	76	91	75	63	31	0.44	-
18	112	77	105	75	75	93	75	63	12	0.39	-
19	115	78	106	76	78	92	87	73	41	0.46	-
20	103	78	100	73	77	95	83	83	45	0.48	-
21	115	79	104	73	78	90	79	60	74	0.52	-
22	108	77	97	72	77	89	87	64	106	0.56	-
23	104	79	93	73	78	93	87	76	112	0.58	-
24	106	77	100	74	76	58	79	23	55	0.45	-
25	105	71	102	69	65	65	72	32	34	0.43	-
26	104	68	101	67	73	68	82	33	15	0.41	-
27	105	63	97	62	67	62	81	29	23	0.43	-
28	107	67	101	65	69	74	79	37	11	0.40	-
29	108	77	102	70	77	77	87	40	38	0.45	-
30	107	76	105	75	74	74	87	39	33	0.47	-
31	106	78	92	76	78	79	91	44	29	0.48	-
Tot:										13.92	0.00
Ave:	106	74	100	70					41		

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	107	79	103	76	77	81	76	49	36	0.47	-
2	105	78	95	77	84	85	84	58	43	0.46	-
3	106	80	103	75	80	74	80	37	44	0.47	-
4	107	79	105	75	78	73	79	36	47	0.48	-
5	109	80	103	78	77	76	76	38	51	0.49	-
6	112	80	98	75	81	72	87	31	58	0.50	-
7	113	79	104	78	84	75	81	37	66	0.45	-
8	109	77	103	75	78	78	91	39	29	0.48	-
9	113	79	100	75	79	69	83	31	71	0.47	-
10	111	77	104	74	76	74	79	37	17	0.49	-
11	108	77	98	74	77	75	87	40	13	0.46	-
12	107	79	105	76	79	82	87	53	9	0.52	-
13	103	73	100	72	74	85	78	61	73	0.55	-
14	104	77	102	75	83	86	88	59	75	0.58	-
15	106	80	100	74	79	83	87	56	95	0.60	-
16	104	79	97	75	79	79	87	52	90	0.63	-
17	101	79	100	74	81	77	96	49	100	0.61	-
18	103	81	101	76	80	89	87	67	99	0.59	-
19	105	82	102	78	83	84	88	60	111	0.63	-
20	103	80	102	76	79	79	87	50	97	0.65	-
21	102	79	99	74	81	67	87	34	79	0.52	-
22	103	77	102	74	82	70	88	41	59	0.41	-
23	103	78	101	76	79	68	83	36	51	0.38	-
24	104	83	102	73	83	69	88	34	43	0.40	-
25	106	84	103	70	85	81	84	49	37	0.48	-
26	105	82	102	77	83	84	92	56	34	0.49	-
27	104	79			79	73	87	40	51	0.51	-
28	104	84	100	78	79	97	83	89	22	0.48	-
29	105	77	103	76	77	95	87	86	39	0.40	0.11
30	101	81	99	78	80	93	87	86	25	0.25	-
Tot:										14.80	0.11
Ave:	106	79							55		

PADRI-JO-GOTM

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	103	82	96	78	82	54	88	23	30	0.30	-
2	104	80	100	78	80	61	87	28	41	0.31	-
3	103	81	101	77	79	60	87	29	29	0.32	-
4	99	81	98	77	75	56	75	26	72	0.34	-
5	101	81	96	75	80	62	87	29	121	0.40	-
6	103	81	102	76	81	68	84	35	92	0.42	-
7	103	84	102	81	84	63	84	30	44	0.45	-
8	106	79	104	78	79	83	87	53	38	0.41	-
9	107	83	105	77	83	54	88	23	46	0.48	-
10	105	75	102	74	75	51	95	27	47	0.40	0.18
11	100	76	88	74	77	58	87	26	62	0.20	-
12	102	81	97	78	92	63	89	33	95	0.44	-
13	100	81	999	77	80	68	87	38	93	0.47	-
14	103	80	101	76	79	66	87	34	72	0.41	-
15	104	79	101	76	79	67	87	34	72	0.44	-
16	104	80	102	75	80	65	87	32	69	0.45	-
17	102	79	101	73		73		44	77	0.46	-
18	103	79	100	75	83	74	88	42	88	0.43	-
19	104	78	100	76	79	80	87	50	75	0.47	-
20	103	76	101	74	74	65	87	32	75	0.42	-
21	102	78	99	72	77	82	87	55	74	0.45	-
22	103	79	101	76	80	85	87	58	84	0.46	-
23	106	79	100	75	79	72	87	38	60	0.47	-
24	104	78	101	75	78	83	87	53	75	0.45	-
25	105	80	102	76	79	68	87	35	93	0.48	-
26	106	81	97	73	81	82	91	53	112	0.46	-
27	105	81	96	75	81	84	87	56	108	0.44	-
28	106	79	100	75	77	79	83	50	81	0.47	-
29	103	77	99	74	78	82	91	53	93	0.50	-
30	104	78	97	74	77	74	79	42	99	0.52	-
31	106	78	100	73	78	69	91	34	76	0.48	-
Tot:										13.15	0.18
Ave:	104	79	100	76					74		

PADRI-JO-GOTH

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	105	79	102	75	78	68	87	36	58	0.42	-
2	103	76	100	73	76	64	87	33	51	0.41	-
3	104	77	101	74	77	88	87	75	70	0.43	-
4	103	77	100	72	78	59	91	27	80	0.48	-
5	105	78	97	72	77	62	83	31	77	0.44	-
6	106	77	102	78	79	61	87	28	121	0.44	-
7	104	77	102	76	77	54	87	20	9	0.46	-
8	105	76	101	75	76	54	87	21	21	0.42	-
9	104	78	102	76	77	52	83	21	90	0.40	-
10	103	77	101	75	77	50	87	20	48	0.38	-
11	104	74	100	72	74	59	86	27	49	0.34	-
12	105	77	103	72	78	62	87	27	62	0.40	-
13	107	79	102	74	77	55	83	24	42	0.39	-
14	100	75	97	70	74	59	86	28	80	0.40	-
15	105	77	102	71	77	53	87	20	36	0.35	-
16	106	75	103	73	74	51	87	19	21	0.34	-
17	104	76	102	74	77	47	83	18	47	0.36	-
18	103	74	101	72	73	63	82	30	41	0.31	-
19	105	77	104	74	77	62	87	31	29	0.28	-
20	106	75	105	75	77	57	83	23	23	0.15*	1.50
21	107	77	104	77	76	56	83	20	19	0.21	-
22	110	77	105	74	74	53	87	18	17	0.33	-
23	106	76	103	75	74	49	86	17	37	0.32	-
24	105	75	104	74	74	54	87	20	39	0.36	-
25	106	78	103	75	78	55	91	19	42	0.37	-
26	107	75	102	75	74	44	86	13	38	0.31	-
27	106	74	101	72	73	89	86	72	30	0.27	-
28	107	75	103	72	76	85	87	72	25	0.31	-
29	104	73	102	70	71	82	86	60	11	0.28	-
30	105	72	108	71	71	78	86	52	15	0.30	-
31	104	74	103	74	73	82	86	55	16	0.32	-
Tot:										10.98	1.50
Ave:	105	76	102	74					43		

* Estimated evaporation.

PADRI-JO-GOTH

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	105	73	102	72	73	78	86	46	20	0.30	-
2	104	74	102	73	74	73	86	42	80	0.33	-
3	104	73	102	71	73	69	86	42		0.31	-
4	99	72	97	70	71	62	86	34	61+	0.36	-
5	98	71	97	79	74	56	86	28	41	0.33	-
6	99	74	96	71	74	58	86	29	76	0.34	-
7	99	73	98	70	73	66	86	37	54	0.33	-
8	100	72	97	70	70	58	86	26	62	0.30	-
9	103	74	99	71	70	63	81	33	38	0.34	-
10	99	74	94	70	74	58	86	26	37	0.34	-
11	103	71	99	70	73	65	86	35	32	0.30	-
12	101	70	98	69	77	60	87	29	17	0.28	-
13	104	75	99	70	73	67	82	34	12	0.27	-
14	105	75	101	72	72	64	79	33	71	0.29	-
15	103	74	99	72	74	59	86	30	23	0.31	-
16	101	75	97	71	74	58	78	29	73	0.32	-
17	100	75	96	70	77	66	87	34	53	0.38	-
18	101	74	97	72	74	68	87	38	45	0.36	-
19	99	73	96	71	72	65	78	35	17	0.34	-
20	101	72	98	70	73	64	86	36	19	0.32	-
21	99	72	96	70	72	42	78	15	19	0.39	-
22	101	69	98	68	69	46	81	17	13	0.30	-
23	101	64	99	62	60	46	63	18	14	0.31	-
24	103	65	97	63	74	62	78	29	15	0.38	-
25	102	64	98	63	60	67	63	33	9	0.40	-
26	104	63	99	59	71	70	82	41	15	0.37	-
27	100	66	97	62	70	66	86	37	43	0.49	-
28	99	69	95	64	70	70	86	41	46	0.45	-
29	101	68	94	63	73	73	86	44	22	0.39	-
30	102	69	95	66	70	70	86	41	16	0.36	-
Tot:										10.26	0.00
Ave:	101	71	98	69					35		

+ 2 days observation.

PADRI-JO-GOTH

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	100	69	97	68	68	64	85	32	17	0.36	-
2	101	73	96	70	73	62	86	31	19	0.41	-
3	99	70	97	69	69	57	86	27	21	0.43	-
4	99	67	94	65	74	62	87	34	11	0.39	-
5	101	67	96	66	61	68	54	38	23	0.41	-
6	102	66	95	65	70	59	83	30	32	0.38	-
7	99	67	94	64	73	53	82	22	15	0.34	-
8	102	67	96	65	67	62	85	34	8	0.31	-
9	101	63	94	60	66	60	85	34	14	0.32	-
10	102	65	91	62	63	67	84	49	19	0.31	-
11	101	67	90	65	67	67	85	43	13	0.28	-
12	103	68	91	66	66	64	77	36	16	0.27	-
13	99	71	96	70	71	61	81	30	9	0.24	-
14	101	67	98	65	66	54	67	23	6	0.23	-
15	101	63	93	62	60	57	67	33	10	0.25	-
16	102	69	95	66	65	67	76	49	7	0.26	-
17	99	65	93	64	68	71	90	61	8	0.30	-
18	100	65	97	63	66	83	80	84	8	0.22	-
19	101	65	96	61	64	73	85	59	11	0.23	-
20	98	63	93	60	70	70	86	55	24	0.21	-
21	99	67	96	61	65	66	85	47	8	0.20	-
22	96	62	92	60	60	69	84	50	23	0.25	-
23	93	61	91	60	59	67	70	49	17	0.30	-
24	95	60	91	59	58	74	83	65	9	0.31	-
25	93	57	89	55	58	61	78	40	12	0.32	-
26	94	59	87	56	59	68	70	50	11	0.30	-
27	93	67	88	65	65	63	85	43	17	0.27	-
28	90	65	86	62	68	67	85	52	24	0.26	-
29	90	56	84	54	55	68	82	50	9	0.22	-
30	92	55	85	52	52	61	71	40	21	0.21	-
31	93	56	90	54	55	61	64	30	8	0.22	-
Tot:										9.01	0.00
Ave:	98	65	93	63					15		

PADRI-JO-GO

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	57	91	55	60	73	79	59	8	0.18	-
2	96	60	93	57	58	68	86	52	8	0.[illegible]0	-
3	97	55	96	54	52	71	71	58	11	0.[illegible]	-
4	98	57	95	53	65	73	85	62	11	0.22	-
5	97	68	95	57	67	71	81	54	9	0.21	-
6	98	57	94	55	67	67	66	49	8	0.20	-
7	96	55	94	52	60	71	70	58	6	0.21	-
8	97	56	95	54	43	68	37	50	16	0.20	-
9	95	55	92	54	53	67	82	49	2	0.18	-
10	94	54	91	53	63	74	75	65	14	0.20	-
11	92	57	89	52	68	68	83	50	7	0.18	-
12	90	65	88	61	68	73	83	65	9	0.20	-
13	89	54	87	51	60	67	79	49	9	0.21	-
14	92	59	89	57	61	62	84	45	9	0.17	-
15	91	58	87	54	58	61	78	44	11	0.15	-
16	93	58	88	53	59	50	74	31	11	0.17	-
17	91	59	86	51	65	61	80	39	9	0.16	-
18	94	57	88	56	58	60	83	38	7	0.18	-
19											
20											
21											
22											
23											
24											
25											
26	78	38			59	46	89	34		0.20	-
27	79	37			62	58	84	56	15	0.21	-
28	78	38			59	61	83	63	23	0.13	-
29	79	39			63	56	85	52	15	0.12	-
30	81	37			53	54	82	51	12	0.11	-

Tot:

Ave:

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	38			52	46	81	34	15	0.13	-
2	83	52			59	49	66	36	13	0.14	-
3	83	48			49	54	80	43	13	0.14	-
4	84	47			5[illegible]	44	83	26	22	0.15	-
5	81	49			54	43	77	29	18	0.12	-
6	79	48			51	38	81	25	15	0.11	-
7	81	49			60	50	84	37	9	0.13	-
8	85	54			58	46	78	34	9	0.14	-
9	79	47			49	41	75	30	22	0.16	-
10	88	44			48	43	75	31	20	0.13	-
11	79	45			58	43	83	32	24	0.15	-
12	75	44			49	38	70	27	23	0.12	-
13	76	43			42	24	72	15	20	0.13	-
14	78	47			48	17	80	2	10	0.11	-
15	79	49			50	24	76	13	9	0.12	-
16					49	48	70	42	17	0.09	-
17	75	55			53	60	82	63	30	0.10	-
18	77	52			47	55	65	64	15	0.11	0.07
19	68	53			47	52	61	63	93	0.12	-
20	73	51			58	54	78	60	26	0.11	-
21	77	50			60	53	79	47	5	0.10	-
22	78	51			63	55	80	49	19	0.12	-
23	80	53			64	68	61	68	10	0.13	-
24	79	51			71	69	86	83	8	0.14	-
25	77	52			65	63	85	80	39	0.12	-
26	71	53			56	58	78	70	11	0.10	-
27	69	51			51	57	76	69	12	0.11	-
28	70	47			45	60	55	84	37	0.09	-
29	67	37			45	57	79	74	32	0.13	-
30	68	45			41	59	77	74	27	0.14	-
31	70	46			43	61	78	75	13	0.12	-
Tot:										3.81	0.07
Ave:									21		

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PALANDRI - 1972

Location	Latitude 33°43', Longitude 73°42', near Civil Court Palandri.
Elevation	4,600 ± ft. msl.
Period of record	Recording rain gauge installed in the observatory of Pakistan Meteorological services by Surface Water Hydrology Project since 1962. New observatory established in October 1969 with its own instruments.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers.
Annual figures	Precipitation 48.17 inches Evaporation incomplete. Absolute maximum air temperature 100°F Absolute minimum air temperature 29°F
Remarks	Observations of precipitation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

PALANDRI

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	60	46			21	41	24	43			0.03
2	63	48			25	31	27	33			-
3	61	54			21	37	24	35			-
4	59	49			35	38	51	53			-
5	57	46			33	32	49	45			-
6	58	48			29	27	40	38			-
7	54	39			34	41	63	73			-
8	51	43			39	44	72	80			-
9	54	41			33	43	53	68			0.05
10	59	44			37	44	56	61			-
11	62	43			42	49	59	71			-
12	59	39			42	46	68	86			-
13	52	46			38	43	66	74			-
14	53	40			37	32	71	45			0.08
15	56	43			36	34	64	46			-
16	54	44			29	35	47	55			-
17	56	47			27	39	38	62			-
18	53	49			38	42	61	61			-
19	52	48			43	41	74	74			-
20	49	43			34	32	63	63			-
21	44	39			33	32	75	75			0.39
22	43	38			36	40	83	83			1.98
23	48	37			20	36	39	39			-
24	49	41			28	36	50	50			-
25	46	42			25	38	48	48			-
26	48	43			25		43	43			-
27											-
28	51	46			53	41	53	93			-
29	49	43			34	32	63	63			-
30	47	43			29	39	55	84			0.26
31	45	36			22	40	45	84			1.50
Total											4.29
Avg:											

PALANDRI

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	46	39			31	38	61	71			1.62
2	49	38			24	37	39	84			0.35
3	43	36			34	40	75	84			-
4	45	37			39	29	84	60			-
5	43	35			28	35	59	83			0.06
6	44	33			29	36	60	70			0.28
7	47	34			33	41	69	85			0.57
8	49	38			40	33	84	69			-
9	46	36			36	38	70	71			-
10	48	42			25	36	43	70			-
11	46	41			35	35	76	83			-
12	43	35			34	36	82	83			1.25
13	35	30			30	25	80	63			0.10
14	37	29			27	30	65	66			0.21
15	41	30			34	28	82	73			-
16	39	32			33	41	82	85			-
17	48	37			35	37	76	71			-
18	47	39			34	41	75	79			-
19	49	40			33	37	69	71			-
20	51	42			42	41	92	79			-
21	49	44			37	38	71	71			-
22	50	45			44	42	74	59			-
23	59	46			28	43	45	60			-
24	57	44			37	39	60	62			0.37
25	53	42			43	33	92	49			-
26	54	32			30	7	74	23			-
27					29	37	34	45			-
28					33	31	63	52			-
29	50	39			32	33	57	53			-
Tot:											4.81
Ave:											

PALANDRI

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	52	41			42	42	79	73			-
2	54	42			45	47	80	81			-
3					65	66	85	81			-
4	73	70			58	61	63	68			-
5					39	39	91	84			-
6	67	37			30	33	74	75			-
7					37	42	65	79			-
8	58	48			19	21	27	29			-
9	57	46			25	13	31	19			-
10	60	48			27	29	33	34			-
11	61	50			33	39	49	62			-
12	58	42			36	37	76	77			-
13	49	41			38	39	77	78			-
14					42	43	73	68			-
15	58	50			39	41	62	63			-
16	54	46			39	39	72	67			-
17	50	40									-
18	53	40			41		92				-
19					23	20	23	19			0.25
20	67	55			37	39	39	40			0.22
21	66	46			34	38	54	61			-
22	57	50			44	45	74	75			-
23	60	50			45	45	69	65			-
24	62	48			34	32	43	36			-
25	68	50			32	34	32	33			-
26	76	56			51	51	72	68			0.02
27	74	55			31	29	37	34			0.68
28	77	51			25	27	20	21			-
29	71	46			48	48	87	87			0.14
30	77	51			50	51	67	68			0.08
31	74	53			31	38	37	49			-
Tot:											1.39
Ave:											

PALANDRI

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	50			43	43	68	64			-
2					71	74	78	91			-
3	80	66			70	70	82	78			-
4	80	53			45	45	75	69			-
5	58	50			46	46	86	80			0.70
6	59	50			43	45	60	57			-
7	60	55			25	29	27	31			-
8	65	52			39	44	62	74			-
9	54	45			34	47	58	75			0.88
10					45	43	53	43			0.10
11	70	62			33	36	30	32			-
12	69	46			55	55	83	74			-
13	66	50			49	53	63	65			-
14	70	50			42	43	40	41			-
15	78	51			55	58	74	74			-
16	68	52			21	25	26	29			0.76
17	60	53			13	31	19	37			0.20
18	58	52			27	39	35	53			0.28
19	69	54			49		76				0.20
20	60	45			46		86				0.62
21	62	45			47	49	75	71			0.01
22	59	54			51	51	82	77			-
23	72	53			59	62	94	89			-
24	74	56									-
25	70	58			49	51	55	57			-
26	71	60			60	62	94	95			-
27	79	62			57	59	74	75			-
28	68	60			57	58	83	83			1.80
29	63	59			53	54	78	78			0.05
30	65	60			57	59	83	89			0.05
Tot:											5.65
Ave:											

PALANDRI

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1					54	57	62	66			-
2	72	66			59	60	67	67			-
3	73	67			59	60	67	64			0.02
4	76	64			57	59	74	79			-
5	78	58			49	51	67	60			-
6	79	60			53	55	73	78			-
7	80	62			46	48	51	52			0.02
8	79	63			43	43	46	43			-
9	77	62			42	46	49	57			-
10	76	59			63	65	72	77			-
11	78	60			60	61	67	68			-
12	79	62			65	66	77	73			-
13	75	60			59	59	84	79			0.04
14	76	62			58	61	83	89			0.02
15	77	63			58	61	79	80			-
16	75	60			62	64	80	90			-
17	82	65			51	51	51	48			-
18	81	68			55	56	59	59			-
19	83	70			60	62	75	76			-
20	80	68			55	62	62	76			-
21	81	69			57	56	63	53			-
22	80	65			56	57	66	63			-
23	81	57			48	49	66	67			0.21
24	82	58			57	58	79	74			0.12
25	73	60			53	54	73	73			0.13
26	65	62			57		79				-
27	67	64			58	58	74	71			-
28	69	66			60	60	75	71			-
29	76	68			61	65	72	77			-
30	76	68			64	64	85	76			-
31	72	69			67	67	90	81			-
Tot:											0.56

PALANDRI

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	67			63	64	85	85			-
2	71	68			55	66	59	81			-
3	73	70			58	76	63	68			-
4											-
5											-
6						40		24			-
7	85	64			48	37	47	18			-
8	87	67			47	37	34	26			-
9	86	66			43	39	34	19			-
10	90	70			49	41	41	20			-
11	90	72			51	39	40	17			-
12	94	75			45	44	32	23			-
13	92	72			52	37	43	14			-
14	95	74			48	43	35	17			-
15	96	76			45	28	28	9			-
16	97	77			43	22	27	7			-
17	98	78			38	15	21	5			-
18	97	77			33	20	16	6			-
19	100	77			38	43	21	23			-
20	95	70			47	31	33	11			-
21	97	72			47	42	29	19			-
22	94	63			61	52	89	35			0.10
23	82	62			57	50	48	27			0.03
24	92	75			52	56	39	34			-
25	91	72			57	61	46	41			-
26	92	66			60	65	64	57			0.17
27	88	67			59	60	64	43			-
28	87	65			61	63	55	72			0.09
29	82	63			58	59	54	38			0.14
30	89	74			62	63	53	62			-
Tot:								-			0.53
Ave:											

PALANDRI

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	61			61	59	62	38			0.60
2	90	74			63	63	48	43			-
3	91	73			64	65	59	95			-
4	89	65			65	65	90	63			1.35
5	84	63			61	61	89	61			0.01
6	81	62			55	56	65	66			-
7	79	63			51	50	57	31			-
8	86	66			65	56	85	81			-
9	80	63			64	68	100	100			2.20
10	70	63			65	68	90	82			0.90
11	76	64			67	65	90	95			1.80
12	77	64			61	65	80	77			0.20
13	76	65			57	69	66	64			-
14	84	68			67	71	81	57			-
15	89	72			67	73	73	62			-
16	90	74			70	70	78	56			-
17	89	69			65	67	77	58			-
18	87	72			65	65	63	54			-
19	86	68			59	64	64	57			-
20	84	65			59	67	67	61			-
21	85	69			64	61	72	41			-
22	89	72			59	62	45	43			-
23	91	73			65	59	66	57			-
24	87	70			63	67	65	50			0.01
25	89	74			68	70	74	100			-
26	86	68			60	67	61	58			0.15
27	87	70			61	60	61	39			-
28	89	72			63	60	62	35			-
29	95	73			57	64	53	44			-
30	91	58			55	61	59	50			1.80
31	84	67			58	66	63	55			-
Tot:											9.02
Ave:	85	68									

PALANDRI

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	86	69			60	64	61	49			-
2	88	72			64	64	62	47			-
3	89	75			64	62	57	44			-
4	91	76			67		66				-
5	88	73			69	68	82	74			-
6	83	64			65	66	95	70			2.65
7	79	65			65	67	100	81			0.84
8	74	63			67	65	85	60			0.37
9	82	64			60	66	75	60			0.23
10	83	67			66	69	81	64			-
11	84	70			70	69	90	74			-
12	82	70			68	68	90	74			-
13	79	67			67	66	95	66			0.11
14	79	66			67	69	100	82			0.07
15	78	63			60	65	71	60			0.27
16	81	68			64	67	76	63			-
17	82	62			62	60	100	64			1.00
18	75	61			61	66	65	73			0.15
19	79	67			67	67	85	77			-
20	76	63			62	66	76	66			1.28
21	79	67			61	70	75	78			-
22	80	66			59	65	67	57			-
23	84	69			65	63	77	76			-
24	78	68			59	65	67	63			-
25	81	59			52	62	61	62			0.22
26	77	64			62	64	76	62			-
27	80	66			61	67	75	63			-
28	81	65			62	67	84	95			0.89
29	74	66			65	67	90	100			0.83
30	72	65			62	66	80	73			1.10
31	77	67			65	70	73	78			-
Tot:											10.01
Ave:	81	67									

PALANDRI

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	65			63	70	85	71			0.09
2	81	67			66	67	81	63			-
3	82	69			64	67	72	61			-
4	83	68			64	68	72	64			-
5	83	69			65	65	73	60			-
6	81	70			67	67	85	63			-
7	82	68			64	65	72	63			-
8	81	70			65	65	77	66			-
9	80	62			60	65	75	77			1.15
10	76	62			62	61	100	80			0.65
11	69	60			58	59	79	64			0.78
12	74	62			55	65	65	66			0.04
13	79	65			64	67	81	70			-
14	79	59			59	66	75	70			0.13
15	78	66			65	69	81	86			-
16	76	63			62	67	84	77			0.18
17	78	61			53	63	65	65			-
18	77	62			57	54	70	65			-
19	76	54			53	57	88	70			0.48
20	69	56			56	53	79	58			-
21	73	56			51	51	72	57			-
22	70	53			38	23	49	18			-
23	73	55			38	34	46	24			-
24	76	58			40	48	39	35			-
25	80	60			44	39	47	23			-
26	80	61			37	47	35	36			-
27	78	60			44	43	47	32			-
28	78	59			39	49	38	37			-
29	79	60			45	44	50	35			-
30	78	59			43	40	52	30			0.01
Tot:											3.51
Ave:	78	62									

PALANDRI

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	75	60			43	42	46	30			-
2	78	61			45	46	47	35			-
3	77	58			45	51	57	72			0.04
4	65	56			45	52	53	73			0.13
5	74	57			45	49	50	44			0.20
6	73	58			45	50	53	45			-
7	75	55			46	49	54	50			-
8	72	57			51	51	68	51			-
9	73	59			50	49	67	41			-
10	76	60			45	50	53	39			-
11	79	60			39	44	40	29			-
12	81	59			39	47	38	33			-
13	81	62			36	37	34	22			-
14	80	61			34	42	33	30			-
15	78	62			36	37	34	26			-
16	77	59			40	37	47	27			-
17	75	56			39	44	50	64			0.03
18	74	48			39	42	62	73			0.84
19	56	47			38	44	57	49			0.15
20	66	52			34	38	43	46			-
21	63	48			46	43	86	68			0.08
22	56	47			38	40	66	47			0.38
23	62	46			33	32	49	34			-
24	67	49			25	34	34	33			-
25	68	51			27	39	35	38			-
26	69	50			31	37	41	35			-
27	68	51			25	39	31	36			-
28	70	50			34	39	46	38			-
29	69	51			37	34	52	33			-
30	67	50			32	32	42	32			-
31	68	51			35	41	47	48			-
Tot:											1.85
Ave:	71	55									

PALANDRI

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	66	52			37	40	48	41			-
2	70	51			32	40	42	39			-
3	72	53			23	41	27	37			-
4	72	54			25	36	29	30			-
5	74	53			34	36	43	32			-
6	75	55			32	36	36	34			-
7	75	53			32	35	39	36			-
8											-
9	74	54			37	37	45	35			-
10	72	55			29	35	31	36			-
11	71	53			35	41	44	48			-
12	70	52			31	42	37	55			-
13	68	51			35	42	47	49			-
14	68	50			32	35	45	36			-
15	67	50			29	34	40	35			-
16	68	49			27	25	38	23			-
17	67	50			21	31	29	31			-
18	68	51			19	34	27	35			-
19	68	49			22	32	31	34			-
20	67	48			20	27	30	26			-
21	69	49			21	25	26	27			-
22	64	46			41	46	79	93			0.18
23	56	42			40	39	84	78			0.47
24	50	42			36	40	70	84			0.28
25	51	42			37	39	77	78			0.43
26	52	43			30	29	56	34			0.15
27	57	44			23	41	42	58			-
28	57	44			23	41	42	58			-
29	63	43			35	39	69	57			-
30	59	43			36	35	70	47			-
Tot:											1.51
Ave:											

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	62	46			26	38	41	49			-
2	63	48			21	41	29	51			-
3	67	48			28	34	42	37			-
4	68	49			31	39	44	50			-
5	64	49			28	39	42	57			-
6	61	45			23	32	38	42			-
7	61	46			24	39	39	62			-
8	60	47			31	33	52	57			-
9	53	44			33	39	63	100			-
10	48	35			34	35	82	69			2.09
11	48	38			29	35	60	59			0.17
12	55	39			28	31	59	48			0.01
13	54	40			22	27	45	38			-
14	57	41			22	33	41	49			-
15	58	43			28	37	50	60			-
16	55	45			33	41	53	85			-
17	52	42			40	41	84	79			0.03
18	53	43			41	48	85	85			0.01
19	50	44			39	43	78	85			0.57
20	54	41			35	39	76	72			0.23
21	53	41			36	41	76	73			-
22	56	39			31	36	67	64			-
23	55	38			31	28	74	50			-
24	50	35			35	38	100	91			0.27
25	42	35			36	37	91	71			0.53
26	48	37			41	39	92	78			0.35
27	47	41			40	38	92	77			0.78
28	51	39			33	37	75	77			-
29	52	36			32	30	81	51			-
30	50	37			34	41	82	73			-
31	53	38			31	34	74	54			-
Tot:											5.04
Ave:	55	42									

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PANJGUR - 1972

Location	Latitude 26°57', Longitude 64°06',
Elevation	
Period of record	Station established by Surface Water Hydrology Project in March 1970.
Instruments	5" Non-recording rain gauge U.S. Weather Bureau standard evaporation pan. Anemometer.
Annual figures	Precipitation 6.79 inches Evaporation (Pan) 128.03 inches
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of evaporation and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Blank space indicates no record.

PANJGUR

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1									35	0.15	-
2									64	0.15	-
3									65	0.16	-
4									37	0.16	-
5									38	0.15	-
6									63	0.14	-
7									84	0.13	-
8									20	0.16	-
9									92	0.14	-
10									47	0.15	-
11									30	0.15	-
12									59	0.15	-
13									28	0.16	-
14									43	0.15	-
15									25	0.16	-
16									34	0.16	-
17									35	0.16	0.03
18									23	0.16	-
19									28	0.15	-
20									100	0.14	-
21									48	0.16	-
22									80	0.15	-
23									19	0.15	-
24									27	0.15	-
25									35	0.16	-
26									26	0.14	-
27									22	0.15	-
28									33	0.15	-
29									137	0.09*	0.05
30									19	0.16	0.02
31									72	0.05*	1.50
Tot:										4.54	1.80
Ave:									44		

* Estimated evaporation.

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1									70	0.09*	1.00
2									109	0.12	-
3									160	0.14	-
4									57	0.14	-
5									57	0.15	-
6									59	0.14	-
7									40	0.15	-
8									35	0.14	-
9									48	0.14	-
10									54	0.15	-
11									59	0.15	-
12									87	0.16	-
13									50	0.10	-
14									46	0.12	-
15									39	0.15	-
16									15	0.11	-
17									29	0.20	-
18									22	0.17	-
19									29	0.18	-
20									27	0.20	-
21									41	0.17	-
22									72	0.27	-
23									107	0.19	-
24									79	0.19	-
25									109	0.22	-
26									47	0.23	-
27									47	0.26	-
28									36	0.28	-
29									86	0.30	-
Tot:										5.07	1.00
Ave:									59		

* Estimated evaporation.

PANJGUR

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1									10	0.25	-
2									26	0.20	-
3									30	0.30	-
4									48	0.20	-
5									46	0.20	-
6									14	0.20	-
7									15	0.21	-
8									21	0.20	-
9									25	0.20	-
10									30	0.20	-
11									59	0.20	-
12									85	0.10	0.50
13									40	0.20	-
14									40	0.19	-
15									42	0.20	-
16									19	0.20	-
17									21	0.20	-
18									29	0.21	-
19									34	0.20	-
20									25	0.19	-
21									16	0.21	-
22									20	0.20	-
23									12	0.24	-
24									14	0.26	-
25									26	0.25	-
26									24	0.24	-
27									25	0.23	-
28									36	0.28	-
29									42	0.41	-
30									46	0.38	-
31									48	0.39	-
Tot:										7.14	0.50
Ave:									31		

PANJGUR

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1									44	0.37	-
2									38	0.37	-
3									40	0.38	-
4									37	0.38	0.09
5									50	0.36	-
6									31	0.37	-
7									15	0.29	-
8									49	0.30	-
9									69	0.30	-
10									29	0.29	-
11									32	0.30	-
12									33	0.30	-
13									26	0.29	-
14									32	0.30	-
15									38	0.31	-
16									47	0.30	-
17									47	0.30	-
18									29	0.32	-
19									25	0.30	-
20									21	0.29	-
21									39	0.33	-
22									28	0.31	-
23									37	0.31	-
24									36	0.31	-
25									29	0.32	-
26									37	0.34	0.04
27									41	0.34	0.03
28									30	0.32	-
29									22	0.32	-
30									19	0.30	-
Tot:										9.62	0.16
Ave:									35		

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May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1									13	0.31	-
2									44	0.31	-
3									44	0.30	-
4									44	0.31	-
5									44	0.31	-
6									44	0.32	-
7									50	0.32	-
8									39	0.31	-
9									40	0.32	-
10									30	0.31	-
11									30	0.30	-
12									34	0.31	-
13									35	0.32	-
14									38	0.33	-
15									38	0.34	-
16									38	0.33	-
17									39	0.34	-
18									28	0.33	-
19									18	0.32	-
20									20	0.33	-
21									27	0.30	-
22									32	0.33	-
23									49	0.31	-
24									52	0.33	-
25									69	0.35	-
26									20	0.32	-
27									16	0.31	-
28									20	0.34	-
29									19	0.36	-
30									19	0.33	-
31									20	0.31	-
Tot:										9.96	0.00
Ave:									34		

PANJGUR

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1									20	0.35	-
2									20	0.33	-
3									23	0.35	-
4									30	0.33	-
5									29	0.36	-
6									30	0.34	-
7									29	0.32	-
8									30	0.35	-
9									29	0.33	-
10									29	0.35	-
11									29	0.32	-
12									29	0.30	-
13									29	0.34	-
14									30	0.36	-
15									30	0.32	-
16									30	0.34	-
17									27	0.36	-
18									29	0.33	-
19									28	0.37	-
20									27		-
21									18	0.49	-
22										0.52	-
23										0.54	-
24										0.56	-
25										0.59	-
26									73+	0.54	-
27									55	0.58	-
28									113	0.08*	1.56
29									42	0.55	-
30									19	0.55	0.05
Tot:										11.87	1.61
Ave:									29		

* Estimated evaporation.
\+ 5 days observation.

PANJGUR

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1									21	0.57	-
2									30	0.51	-
3									43	0.12*	0.62
4									46	0.10*	0.95
5									29	0.50	-
6									31	0.53	-
7									45	0.55	-
8									30	0.57	-
9									35	0.60	-
10									33	0.55	-
11									36	0.59	-
12									30	0.61	-
13									46	0.58	-
14									60	0.62	-
15									40	0.59	-
16									49	0.63	-
17									71	0.60	-
18									30	0.65	-
19									41	0.67	-
20									59	0.66	-
21									15	0.67	-
22									15	0.67	-
23									16	0.68	-
24									64	0.65	-
25									15	0.70	-
26									70	0.71	-
27									21	0.68	-
28									95	0.65	-
29									14	0.67	-
30									5	0.65	-
31									75	0.70	-
Tot:										18.23	1.57
Ave:									39		

PANJGUR

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1									19	0.68	-
2									50	0.69	-
3									42	0.72	-
4									33	0.70	-
5									74	0.65	-
6									46	0.64	-
7									62	0.62	-
8									62	0.65	-
9									62	0.63	-
10									62	0.61	-
11									65	0.65	-
12									43	0.63	-
13									44	0.61	-
14									34	0.64	-
15									35	0.66	-
16									37	0.63	-
17									37	0.60	-
18									37	0.65	-
19									37	0.62	-
20									37	0.64	-
21									37	0.63	-
22									44	0.65	-
23									37	0.61	-
24									70	0.66	-
25									74	0.63	-
26									65	0.65	-
27									41	0.60	-
28									70	0.65	-
29									50	0.62	-
30									79	0.66	-
31									60	0.61	-
Tot:										19.89	0.00
Ave:									50		

PANJGUR

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Max	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1									63	0.65	-
2									42	0.66	-
3									57	0.60	-
4									77	0.64	-
5									67	0.61	-
6									36	0.65	-
7									36	0.62	-
8									36	0.66	-
9									36	0.61	-
10									36	0.64	-
11									29	0.60	-
12									20	0.65	-
13									34	0.62	-
14									26	0.64	-
15									30	0.61	-
16									37	0.65	-
17									44	0.60	-
18									40	0.61	-
19									59	0.58	-
20									45	0.59	-
21									45	0.57	-
22									142	0.55	-
23									47	0.54	-
24									60	0.56	-
25									36	0.57	-
26									36	0.55	-
27									33	0.53	-
28									30	0.56	-
29									41	0.52	-
30									33	0.50	-
Tot:										17.94	0.00
Ave:									45		

PANJGUR

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1									31	0.49	-
2									33	0.48	-
3									33	0.46	-
4									40	0.49	-
5									40	0.45	-
6									27	0.47	-
7									34	0.44	-
8									69	0.45	-
9									46	0.46	-
10									35	0.48	-
11									36	0.46	-
12									36	0.47	-
13									41	0.45	-
14									31	0.43	-
15									37	0.44	-
16									23	0.46	-
17									25	0.43	-
18									14	0.45	-
19									12	0.41	-
20									33	0.40	-
21									32	0.41	-
22									38	0.40	-
23									38	0.42	-
24									36	0.44	-
25									45	0.42	-
26									28	0.45	-
27									46	0.41	-
28									40	0.44	-
29									34	0.40	-
30									29	0.43	-
31									34	0.41	-
Tot:										13.70	0.00
Ave:									35		

PANJGUR

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1									34	0.39	-
2									35	0.41	-
3									20	0.40	-
4									16	0.42	-
5									40	0.40	-
6									41	0.43	-
7									45	0.44	-
8									50	0.41	-
9									55	0.43	-
10									33	0.40	-
11									33	0.42	-
12									33	0.39	-
13									33	0.37	-
14									53	0.39	-
15									43	0.38	-
16									62	0.36	-
17									55	0.37	-
18									20	0.35	-
19									38	0.35	-
20									29	0.34	-
21									38	0.25	0.15
22									24	0.35	-
23									45	0.34	-
24									56	0.36	-
25									37	0.35	-
26									37	0.32	-
27									37	0.35	-
28									35	0.31	-
29									37	0.33	-
30									43	0.36	-
Tot:										11.17	0.15
Ave:									39		

PANJGUR

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1									44	0.32	-
2									44	0.33	-
3									24	0.30	-
4									22	0.29	-
5									53	0.28	-
6									51	0.29	-
7									30	0.30	-
8									37	0.31	-
9									50	0.28	-
10									100	0.27	-
11									90	0.26	-
12									99	0.27	-
13									30	0.29	-
14									35	0.25	-
15									31	0.28	-
16									34	0.36	-
17									35	0.29	-
18									35	0.28	-
19									38	0.27	-
20									33	0.29	-
21									33	0.27	-
22									23	0.26	-
23									34	0.28	-
24									85	0.26	-
25									84	0.24	-
26									85	0.20	-
27									85	0.17	-
28									89	0.15	-
29									85	0.13	-
30									43	0.14	-
31									55	0.12	-
Tot:										7.93	0.00
Ave:									52		

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PHULARWAN - 1972

Location	Latitude 32°22', Longitude 73°02',
Elevation	
Period of record	Station established by Surface Water Hydrology Project in March 1969.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 10.96 inches Evaporation (Pan) incomplete. Absolute maximum air temperature incomplete. Absolute minimum air temperature 27°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown Blank space indicates no record (-) Indicates no precipitation.

PHULARWAN

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	32			40	49	91	66	17	0.09	-
2	71	35			33	52	67	63	10	0.10	-
3	73	34			28	37	52	37	19	0.11	-
4	74	31			35	30	90	30	17	0.07	-
5	74	30			26	41	78	49	19	0.09	-
6	72	29			26	38	78	47	23	0.10	-
7	71	29			23	38	68	47	7	0.08	-
8	69	27			27	33	78	38	28	0.12	-
9	72	31			26	38	78	47	30	0.10	-
10	70	28			27	40	78	48	37	0.10	-
11	75	29			25	44	77	51		0.08	-
12	73	29			31	40	90	42		0.09	-
13	71	31			35	40	100	45		0.09	-
14	72	35			35	46	90	56	31+	0.10	-
15	72	36			39	41	100	49	15	0.12	-
16	70	33			40	48	100	53	10	0.09	-
17	73	33			40	47	84	61	10	0.07	-
18	72	32			38	47	83	57	6	0.08	-
19	74	34			37	51	83	66	12	0.10	-
20	73	33			40	52	84	87	21	0.10	-
21	74	39			46	52	85	93	20	0.07	-
22					33	46	90	60	30	0.06	0.15
23					40	33	77	38	66	0.07	-
24	66	39			40	51	100	76	15	0.05	-
25					43		100		23	0.07	-
26	64	43			43	49	85	75	28	0.08	-
27											-
28											-
29											-
30	77	45			50	58	87	70	127+	0.22+	-
31	72	39			52	51	93	87	25	0.09	0.25
Tot:										2.59	0.40
Ave:									21		

+ 4 days observation.

PHULARWAN

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	56	51			52	51	100	81	39	0.02*	0.10
2	58	41			43	47	92	65	12	0.04	-
3	62	45				15		15	16	0.10	-
4					33	56	81	73	23	0.12	-
5	65	35			38	49	91	51	18	0.11	-
6	71	35			40	43	100	41	27	0.13	-
7					35	45	82	49	30	0.12	-
8					26	51	51	59	44	0.13	-
9	66	34			38	53	91	68	17	0.12	-
10	73	34			39	51	77	71	48	0.14	-
11					41	45	100	49	80	0.16*	1.00
12					35	45	82	49	70	0.18	-
13					37	53	91	68	39	0.14	-
14					40	34	84	41	29	0.12	-
15	72	34				26		31	21	0.11	-
16	61	34			35	32	82	37	21	0.10	-
17	63	35			36	26	82	31	30	0.14	-
18	61	34			35	53	82	68	30	0.15	-
19					40	33	84	38	30	0.13	-
20	59	32			26	53	63	68	28	0.16	-
21					40	34	84	41	32	0.12	-
22	72	34				52		71	25	0.14	-
23					51	50	76	48	51	0.20	-
24	74	41			27	23	47	19	33	0.15	-
25	74	32			35	18	90	17	29	0.17	-
26	64	30			28	21	58	21	25	0.18	-
27	62	38			24	56	45	61	50	0.20	-
28	71	39			40	21	100	16	27	0.16	-
29	74	32			36	23	58	16	28	0.18	-
Tot:										3.92	1.10
Ave:									33		

* Estimated evaporation.

PHULARWAN

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	75	31			35	23	62	17	57	0.25	-
2	77	32			37	14	76	11	34	0.26	-
3	80	43			46	22	69	12	26	0.21	-
4	84	52			48	53	65	60	55	0.22	-
5	72	53			53	40	93	40	106	0.18	0.68
6	65	49			50	50	93	55	63	0.10	-
7	73	50			52	51	93	59	17	0.12	-
8	69	54			56	57	88	69	53	0.05	0.16
9	72	45			51	41	81	33	52	0.16	-
10	75	51			51	48	71	50	41	0.20	-
11	75	47			46	50	39	46	22	0.10	-
12					40	49	40	45	40	0.19	-
13	78	52			46	44	56	33	40	0.21	-
14	79	52			48	43	65	32	60	0.26	-
15	83	59			47	52	65	50	24	0.15	-
16	73	54			49	48	66	33	9	0.12	-
17	82	44			53	43	72	29	33	0.22	-
18	85	49			52	43	71	29	19	0.21	-
19	83	59			56	47	78	35	38	0.21	-
20	83	50			56	53	82	40	84	0.21	0.03
21	82	52			54	39	73	23	16	0.20	-
22	86	62			53	37	68	18	25	0.20	-
23	89	52			49	48	54	27	40	0.26	-
24	90	53			59	57	79	37	27	0.30	-
25	92	54			61	64	80	48	18	0.24	-
26	93	55			63	69	84	55	30	0.26	-
27	92	53			61	52	94	29	94	0.38	0.06
28	91	62			57	53	62	31	27	0.27	-
29	94	69			57	47	58	26	73	0.33	-
30	88	62			58	44	66	23	34	0.30	-
31	91	53			49	49	51	26	31	0.30	-
Tot:										6.67	0.93
Ave:									42		

PHULARWAN

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	50			49	49	58	30	55	0.32	-
2	92	50			56	48	73	32	30	0.36	-
3	90	57			54	55	60	37	25	0.30	-
4	89	66			48	60	40	63	33	0.23	-
5	80	53			55	52	77	38	57	0.30	0.45
6	83	55			58	46	70	27	22	0.26	-
7	88	61			58	50	59	31	48	0.26	-
8	89	63			54	56	57	46	60	0.33	-
9	85	57			52	54	53	41	61	0.38	-
10	85	58			56	55	73	43	50	0.22	-
11	83	58			60	52	70	36	47	0.26	-
12	90	57			59	37	59	18	41	0.22	-
13	92	58			53	47	47	20	30	0.29	-
14	97	61			55	56	58	31	25	0.31	-
15	96	61			57	61	58	44	47	0.32	-
16	92	64			58	58	66	43	90	0.34	0.01
17	85	61			58	58	70	43	50	0.23	-
18	85	61			56	59	73	51	63	0.25	-
19	82	58			59	54	88	41	73	0.15*	0.44
20	84	59			49	48	54	38	46	0.23	-
21	79	58			53	50	64	28	75	0.30	-
22	90	59			52	39	44	19	27	0.25	-
23	92	61			53	47	45	25	39	0.35	-
24	92	61			59	44	59	20	26	0.34	-
25	94	62			60	45	60	19	26	0.32	-
26	98	64			45	52	30	28	32	0.34	-
27	95	61			53	51	40	26	43	0.41	-
28	97	63			52	53	44	27	31	0.45	-
29	94	65			55	50	49	25	150	0.50	-
30	92	60			56	54	52	29	60	0.45	-
Tot:										9.27	0.90
Ave:	89	59							49		

* Estimated evaporation.

PHULARWAN

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	66			56	46	61	24	73	0.49	0.09
2	87	62			58	57	56	33	58	0.41	-
3	91	62			60	58	63	32	50	0.36	-
4	94	68			57	39	55	15	38	0.30	-
5	95	68			57	47	40	20	62	0.36	-
6	97	73			60	56	46	31	97	0.45	-
7	92	64			55	50	37	25	42	0.40	-
8	94	66			64	72	59	45	115	0.42	-
9	99	73			64	84	48	69	53	0.50	-
10	101	72			62	85	41	69	59	0.60	-
11	103	75			65	85	53	69	55	0.80	-
12	104	77			66	86	51	69	55	0.45	-
13	106	72			62	62	41	31	55	0.51	0.01
14	105	73			64	49	55	19	129	0.57	0.02
15	102	72				50		20	47	0.50	-
16	106	75			55	54	28	23	8	0.55	-
17	105	77			56	62	29	29	7	0.52	-
18	106	72			56	69	29	37	17	0.65	-
19	108	72			53	59	24	24	12	0.70	-
20	110	76			59	63	28	23	17	0.69	-
21	110	76			70	63	53	23	31	0.75	-
22	111	73			70	70	41	41	32	0.79	-
23	103	84			70	69	53	39	17	0.55	-
24	105	76			63	62	50	29	70	0.35	-
25	104	72			65	59	51	25	83	0.58	-
26	105	72			45	59	22	26	43	0.55	-
27	104	63			56	62	73	29	55	0.50	-
28											-
29											-
30											-
31											-
Tot:											0.12
Ave:											

PHULARWAN

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1											-
2											-
3											0.03
4	103	68			69	54	70	26		0.56	0.16
5	99	72			67	50	54	20	69	0.50	-
6	100	72			66	68	56	38	46	0.50	-
7	100	73			65	62	51	31	31	0.58	-
8	102	79			63	68	43	36	9	0.57	-
9	104	75			67	68	52	42	7	0.55	-
10	103	77			70	81	61	55	6	0.49	-
11	107	77			64	69	36	34	9	0.65	-
12	110	82			61	67	44	33	7	0.61	-
13	111	73			66	70	63	33	14	0.60	-
14	112	78			63	69	53	31	6	0.65	-
15	115	79			65	69	51	31	7	0.70	-
16	116	82			61	67	44	28	8	0.71	-
17	116	81			64	70	53	33	6	0.70	-
18	118	79			68	75	66	38	6	0.70	-
19	118	77			63	59	36	30	4	0.75	-
20	110	75			67	73	63	42	20	0.53	0.35
21	103	82			75	75	60	40	7	0.30	-
22	106	84			72	71	54	41	12	0.50	-
23	102	82			70	70	51	33	24	0.52	-
24	108	83			75	76	65	43	14	0.58	-
25	105	85					69	43	24	0.57	-
26	103	75					95	65	25	0.60	0.10
27	93	75					59	50	13	0.35	-
28	99	80					59	50	15	0.54	-
29	101	79					72	54	6	0.57	-
30	104	80					63	57	9	0.59	-
Tot:											0.67
Ave:											

PHULARWAN

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	105	82			72	76	62	53	14	0 63	0.05
2	104	84			77	76	61	41	7	0.50	-
3	106	82			75	76	79	41	18	0.50	-
4	106	82			76	73	72	82	18	0.55	-
5	106	75			74	69	86	90	23	0.48	0.58
6	90	71			72	73	82	65	18	0.25	2.55
7	90	77			76	73	79	54	3	0.35	-
8	95	75			73	76	86	75	13	0.37	-
9	92	74							19	0.31	0.26
10	89	75			67	79	69	76	20	0.29	0.29
11	89	78			77	77	91	76	10	0.28	-
12					66	77	85	71	23	0.36	-
13					67	76	81	75	9	0.50	-
14					81	78	84	67	11	0.52	-
15	100	84			84	79	84	54	14	0.55	-
16	105	85			77	82	67	55	11	0.53	-
17	106	82			77	73	79	48	13	0.55	-
18	107	82			72	72	71	49	13	0.57	-
19	96	80			70	64	86	35	12	0.58	0.33
20	102	75			73	73	78	54	13	0.52	0.07
21	101	74			79	75	87	50	14	0.52	-
22	102	76			79	79	76	54	29	0.55	-
23	104	82			79	79	80	54	49	0.56	-
24	102	81			78	77	73	49	38	0.53	-
25	103	88			78	77	73	49	38	0.45	-
26	102	82			75	79	79	64	47	0.46	-
27	103	82			80	78	70	46	29	0.47	-
28	107	82			80	79	76	48	33	0.50	-
29	105	83			77	81	67	55	48	0.47	-
30	100	72			72	80	82	57	60	0.50	0.11
31	98	78			82	77	80	49	18	0.54	-
Tot:										14.59	4.28
Ave:									22		

PHULARWAN

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	78			72	78	1	49	95	0.57	-
2	104	74			73	82		53	14	0.60	-
3	103	71			76	79		50	17	0.57	-
4	106	72			77	79	6.	52	23	0.59	-
5	105	83			78	81	73	57	44	0.55	-
6	101	81			79	78	87	49	53	0.52	-
7	102	83			81	85	84	61	33	0.56	-
8	102	85			75	89	83	75	63	0.46	0.14
9	99	70			73	79	86	64	55	0.34	0.34
10	95	73			72	79	82	64	25	0.48	-
11	96	78			76	79	75	61	23	0.50	-
12	96	78			77	77	79	63	18	0.49	-
13	95	81			73	58	75	86	61	0.44	-
14	92	71			68	77	81	79	51	0.48	0.20
15	88	73			77	77	95	61	18	0.45	0.15
16	96	78			76	76	75	51	25	0.30	-
17	98	75			75	51	79	78	34	0.38	-
18	86	75			77	75	83	57	35	0.30	-
19	94	78			76	74	83	75	22	0.39	-
20	92	75			76	77	79	69	24	0.30	0.20
21	92	75			73	78	78	64	34	0.28	-
22	96	75			75	76	72	53	27	0.35	-
23	99	77			70	75	61	95	25	0.38	-
24	100	76			68	74	66	60	36	0.41	0.05
25	94	75			72	77	82	56	27	0.35	0.05
26					76	72	72	45	25	0.38	-
27	99	78			67	75	54	60	26	0.38	-
28	100	75			67	76	69	66	36	0.39	-
29	92	76			74	76	87	75	38	0.30	-
30	89	76			75	75	83	65	19	0.30	-
31	95	78			76	78	75	73	16	0.38	-
Tot:										13.17	1.13
Ave:									34		

PHULARWAN

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	74			72	77	78	58	28	0.38	-
2	98	75			76	87	75	65	22	0.39	-
3	99	79			71	87	56	78	22	0.42	-
4	102	76			76	75	79	49	15	0.45	-
5	101	76			75	73	75	48	18	0.43	-
6	100	76			71	73	67	48	18	0.40	-
7	100	76			75	73	75	48	19	0.38	-
8	101	76			75	66	75	43	22	0.38	-
9	98	78			73	63	82	41	36	0.30	-
10	94	76			74	63	78	41	35	0.28	-
11	94	76			75	63	79	41	29	0.29	-
12	92	73			75	74	72	55	28	0.29	-
13	97	77			76	64	83	35	19	0.30	-
14	100	76			63	64	64	40	25	0.32	-
15	96	75			74	64	78	40	41	0.28	-
16	98	74			71	64	78	40	39	0.28	-
17	92	75			68	71	81	64	24	0.25	-
18	87	70			69	67	86	77	35	0.43	0.21
19	90	65			68	71	77	64	49	0.30	0.07
20	88	69			67	65	73	51	19	0.20	-
21	89	61			58	67	56	54	15	0.25	-
22	89	57			55	68	43	50	26	0.27	-
23	94	75			71	67	78	47	25	0.30	-
24	97	65			65	65	72	41	29	0.30	-
25	98	57			62	65	75	41	3	0.22	-
26	98	60			64	66	68	43	13	0.21	-
27	96	62			63	65	64	41	17	0.20	-
28	96	63			64	67	61	45	10	0.20	-
29	96	64			64	64	72	40	15	0.22	-
30	96	65			62	67	52	45	17	0.21	-
Tot:										9.13	0.28
Ave:	96	71							24		

PHULARWAN

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	64			63	67	68	47	16	0.20	-
2	96	63			63	65	72	46	10	0.27	-
3	95	65			61	64	57	48	11	0.25	-
4	91	67			63	64	72	48	26	0.23	-
5	90	68			62	73	71	57	18	0.22	-
6	92	69			62	75	75	63	18	0.24	-
7	91	70			61	69	67	58	18	0.23	-
8	94	62			65	67	85	52	11	0.20	-
9	93	64			63	63	80	46	8	0.18	-
10	93	64			61	67	67	49	16	0.16	-
11	93	64			61	67	71	49	24	0.20	-
12	98	62			60	65	67	44	20	0.29	-
13	95	59			61	69	75	44	12	0.33	-
14	98	61			59	65	70	44	8	0.23	-
15	96	62			62	65	71	46	10	0.20	-
16	95	60			61	71	54	54	13	0.19	-
17	95	61			59	73	51	57	2	0.19	-
18	97	60			54	70	54	53	21	0.20	-
19	98	60			61	66	60	51	24	0.22	-
20	87	54			59	60	79	48	36	0.24	-
21	88	54			59	58	74	70	23	0.21	-
22	79	55			54	57	77	55	37	0.15	-
23	78	53			51	60	66	60	23	0.15	-
24	85	49			52	57	71	47	8	0.14	-
25	85	50			55	57	64	47	12	0.10	-
26	85	51			47	62	37	55	14	0.11	-
27	87	48			57	58	53	50	10	0.13	-
28	86	51			52	58	63	50	8	0.12	-
29	86	51			54	59	48	53	11	0.11	-
30	84	51			51	59	81	57	13	0.10	-
31	85	51			52	61	87	57	15	0.11	-
Tot:										5.90	0.00
Ave:	91	59							17		

PHULARWAN

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	83	53			53	59	87	57	13	0.09	-
2	85	52			54	57	93	47	10	0.10	-
3	85	51			51	61	81	57	14	0.10	-
4	88	48			53	58	68	48	12	0.11	-
5	89	47			56	57	61	38	12	0.11	-
6	87	49			53	53	56	33	12	0.10	-
7	86	49			58	59	66	41		0.10	-
8											
9											
10	89	49			60	58	70	35		0.30*	-
11	89	48			57	53	62	33	13	0.12	-
12	88	49			58	52	70	32	15	0.11	-
13	89	50			56	57	73	53	41	0.10	-
14	85	49			51	54	71	51	9	0.09	-
15	86	49			52	59	67	57	12	0.10	-
16	82	49			54	62	77	64	11	0.08	-
17	83	49			56	59	88	57	9	0.11	-
18	86	49			51	49	71	40	5	0.10	-
19	83	48			48	56	53	55	13	0.08	-
20	81	51			50	57	81	55	11	0.06	-
21	80	49			53	53	93	56	8	0.07	-
22	77	55			51	53	76	60	23	0.09	-
23	72	52			53	52	76	67	37	0.10	0.20
24	70	49			49	48	66	65	43	0.08	-
25	68	50			49	52	66	63	59	0.09	-
26	70	48			49	52	62	63	10	0.10	-
27	75	47			48	53	86	64	15	0.09	-
28	75	45			54	55	93	64	11	0.09	-
29	75	44			46	43	74	41	9	0.09	-
30	74	41			42	44	67	42	24	0.08	-
Tot:										2.84	0.20
Ave:											

* Estimated evaporation.

PHULARWAN

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	79	42			51	47	71	44	9	0.09	-
2	80	43			48	54	75	57	8	0.10	-
3	79	40			50	47	81	37	6	0.10	-
4	80	43			45	52	92	53	6	0.10	-
5	76	46			43	52	63	63	7	0.09	-
6	75	41			48	49	75	51	7	0.09	-
7	75	46			45	35	63	32	11	0.08	-
8	74	47			47	32	74	32	9	0.08	-
9	66	52			51	0	93	9	37	0.08	0.22
10	60	51			52	46	87	64	15	0.04	0.28
11	62	42			49	51	86	66	50	0.08	-
12	70	42			53	48	87	50	9	0.09	-
13	69	41			43		92		18	0.07	-
14					41	51	92	76	11	0.07	-
15					46	55	92	88	10	0.07	-
16					49	54	93	93	7	0.08	-
17					47	55	69	82	32	0.05	-
18					43	54	92	88	10	0.05	-
19	62	45			50		93		11	0.06	-
20					46	50	92	58	9	0.08	-
21	65	43			45	49	68	61	18	0.08	-
22	70	42			47	43	93	73	9	0.09	-
23	60	30			40	47	84	65	16	0.07	0.31
24	61	33			48	47	93	74	16	0.04	0.14
25	59	31			47	48	93	75	15	0.06	-
26	56	34			50	51	87	76	21	0.06	-
27	60	30			44	53	100	82	10	0.05	-
28	60	31			43	46	92	69	25	0.06	-
29	60	38			38	42	76	58	26	0.07	-
30	60	37			42	42	92	50	26	0.07	-
Tot:										2.25	0.95
Ave:									15		

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PHULRA - 1972

Location	Latitude 34°20', Longitude 73°05', 12 miles from Khaki village and 2 miles from Phulra near gauge observation hut.
Elevation	
Period of record	Recording rain gauge station established in late 1968, other instruments installed in August 1969 by Surface Water Hydrology Project, Wapda.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 32.75 inches Evaporation(Pan) 73.19 inches Absolute maximum air temperature 109°F Absolute minimum air temperature 28°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours. Blank space indicates no record. (-) Indicates no precipitation.

PHULRA

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	59	42	48	40	38	43	77	60	17	0.03	-
2	67	34	59	39	31	42	90	59	12	0.06	-
3	65	32	58	38	33	27	90	33	13	0.05	-
4	66	31	57	36	27	32	80	42	16	0.06	-
5	66	29	57	36	28	25	89	31	16	0.06	-
6	67	29	56	36	27	17	89	23	11	0.05	-
7	62	28	53	35	27	34	89	46	14	0.06	-
8	62	30	52	35	30	27	90	38	17	0.06	-
9	55	29	46	36	30	21	90	24		0.03	-
10	67	30	56	36	29	27	89	30		0.05	-
11	69	30	57	37	28	23	89	27	26+	0.05	-
12	67	30	57	36	29	23	89	27	11	0.07	-
13	64	32	55	35	35	44	69	85	19	0.07	-
14	57	43	49	42	43	41	85	54	27	0.04*	0.14
15	66	39	63	41	37	38	77	53	25	0.05	-
16	60	43	56	41	39	42	78	55	22	0.06	-
17	63	41	61	44	40	42	92	52	11	0.06	-
18	67	39	63	42	38	41	91	51	12	0.06	-
19	60	40	55	42	42	50	68	76	41	0.06	-
20	61	46	58	48	45	49	86	93	17	0.03	-
21	53	47	52	46	45	39	93	91	27	0.04*	0.54
22	48	35	47	39	35	39	91	62	26	0.12	2.12
23	57	36	60	38	32	34	57	50	36	0.06	-
24	53	44	49	41	38	43	77	60	30	0.05	-
25	61	42	60	43	41	44	92	64	13	0.05	-
26	59	42	57	45	42	39	73	57	26	0.06	-
27	59	41	59	40	35	34	76	37	43	0.05	0.03
28	62	41	63	40	34	35	54	44	33	0.08	-
29	59	48	60	45	42	44	79	92	46	0.08	-
30	48	44	48	43	41	43	85	92	25	0.02*	0.19
31	50	43	47	43	42	44	92	92	21	0.02*	1.02
Tot:										1.69	4.04
Ave:	61	37	55	40					21		

* Estimated evaporation.
\+ 3 days observation.

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	47	43	52	43	43	45	92	80	27	0.03	0.24
2	53	38	56	42	38	44	91	74	20	0.06	-
3	57	39	62	42	39	46	91	86	15	0.07	-
4	58	33	61	40	37	35	91	59	18	0.08	-
5	55	40	58	39	39	33	84	49	24	0.05	-
6	54	39	54	41	38	27	91	38	26	0.04	0.15
7	55	35	59	40	36	47	91	93	31	0.07	-
8	60	35	62	38	28	42	59	52	32	0.08	-
9	66	39	65	37	29	35	60	44	30	0.10	-
10	60	42	57	48	29	39	47	53	33	0.09	-
11	61	48	56	42	35	37	55	52	28	0.07	-
12			48	40	40	41	92	85	45	0.10	1.18
13	45	34	45	38	33	37	90	84	31	0.02	0.16
14	45	31	44	36	31	41	90	85	21	0.04*	0.03
15	52	34	58	35	33	39	90	67	36	0.06	0.06
16	54	35	61	37	32	37	81	52	37	0.09	-
17	58	35	61	38	30	31	74	37	34	0.12	-
18	60	35	64	38	28	39	59	50	29	0.10	-
19	64	39	66	38	32	34	62	33	37	0.12	-
20	68	41	67	39	38	44	71	47	31	0.13	-
21	72	47	70	42	42	45	63	80	37	0.16	-
22	55	48	52	47	38	41	61	58	50	0.02	0.12
23	56	44	53	45	44	49	92	76	49	0.05	-
24	63	46	63	45	46	48	93	81	31	0.09	0.45
25	55	42	56	45	43	39	92	57	17	0.02*	0.02
26	58	34	67	40	37	44	91	64	25	0.11	-
27	59	35	67	40	37	42	91	52	18	0.10	-
28	65	38	69	41	38	48	91	63	2	0.13	-
29	67	37	72	42	39	43	91	52	17	0.12	-
Tot:										2.32	2.41
Ave:			59	41					29		

* Estimated evaporation.

PHULRA

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	67	37	69	42	40	47	84	55	20	0.12	-
2	70	38	72	43	40	49	84	53	22	0.14	-
3	71	44	71	45	42	50	63	47	24	0.14	-
4	73	49	72	51	45	50	80	76	34	0.08	0.15
5	62	47	63	48	46	54	93	78	53	0.08	0.32
6	63	48	71	48	46	56	75	83	30	0.10	-
7	69	50	73	50	48	50	93	67	46	0.13	-
8	64	46	64	47	44	46	92	86	42	0.04*	0.71
9	57	41	54	41	43	48	85	49	45	0.02*	0.79
10			72	41	37	46	52	51	39	0.13	-
11	70	51	68	47	42	47	55	70	32	0.13	-
12	62	52	57	51	50	50	93	93	77	0.09	0.18
13	61	47	59	46	43	48	68	49	56	0.02	0.33
14	72	48	78	48	41	39	58	28	40	0.13	-
15	74	55	74	50	43	45	60	50	37	0.20	-
16	68	49	63	50	50	56	93	59	31	0.08	-
17	74	47	80	51	49	50	81	45	26	0.17	-
18	77	51	83	52	42	44	59	39	30	0.20	-
19	78	54	77	52	51	53	82	94	43	0.15	0.08
20	58	52	57	51	49	63	76	72	51	0.07*	0.23
21	74	52	81	52	51	51	82	42	33	0.17	-
22	76	50	82	53	47	51	70	40	26	0.18	-
23	79	55	84	54	47	55	58	43	31	0.21	-
24	83	54	84	56	49	55	67	43	30	0.21	-
25	85	58	85	56	42	53	40	44	31	0.21	-
26	80	62	77	58	54	55	73	69	63	0.16	0.11
27	73	56	73	55	52	56	73	41	68	0.14	0.56
28	82	61	86	56	49	54	53	49	35	0.21	-
29	77	56	77	55	51	54	64	55	60	0.15	0.25
30	73	57	76	53	49	52	63	39	81	0.24	-
31	81	55	84	54	45	57	53	48	40	0.24	-
Tot:										4.34	3.71
Ave:			73	50					41		

* Estimated evaporation.

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	53	85	55	49	53	63	41	33	0.24	-
2	82	53	86	55	48	46	63	30	29	0.23	-
3	82	58	91	56	43	44	46	39	31	0.20	-
4	75	56	72	56	51	52	77	82	68	0.19	0.02
5	62	52	60	51	49	53	76	55	53	0.01	0.65
6	70	53	80	52	48	46	66	30	52	0.18	-
7	82	55	87	54	51	48	72	35	30	0.21	-
8	80	56	87	57	51	49	64	37	35	0.24	-
9	79	56	87	54	47	47	65	38	63	0.30	0.02
10	77	50	77	54	56	52	83	43	20	0.13	-
11	78	52	36	56	51	58	68	45	30	0.22	-
12	82	53	88	57	51	55	60	35	25	0.23	-
13	87	54	90	58	44	45	44	22	28	0.28	-
14	90	56	90	57	48	51	49	29	31	0.30	-
15	89	62	87	59	55	47	74	43	34	0.24	0.03
16	72	57	70	57	53	52	83	64	70	0.05	0.48
17	64	54	65	54	52	49	73	35	64	0.07	0.02
18	80	52	85	55	55	60	83	84	31	0.24	0.47
19	65	53	70	54	53	56	78	66	24	0.08	0.05
20	72	54	77	54	50	52	71	57	59	0.17	0.05
21	73	54	83	53	48	36	59	17	53	0.21	-
22	88	56	88	55	46	49	51	29	50	0.28	-
23	86	56	88	56	48	49	52	28	36	0.28	-
24	88	54	91	58	48	46	49	23	26	0.28	-
25	89	56	91	57	51	51	51	42	28	0.30	-
26	90	63	93	59	49	46	44	23	55	0.32	-
27	91	68	93	63	48	57	47	70	44	0.35	-
28	77	59	71	59	57	54	79	69	49	0.08	0.50
29	66	56	63	55	53	53	73	46	57	0.04	0.37
30	76	59	82	57	54	52	62	64	72	0.27	-
Total:	79	56	82	56					43	6.22	2.66

PHULRA

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	81	58	88	55	50	44	53	35	53	0.23	0.03
2	80	60	84	57	53	52	58	45	55	0.26	-
3	80	58	83	56	48	57	49	39	62	0.26	-
4	86	60	92	60	51	58	51	45	37	0.29	-
5	85	62	86	61	60	58	71	57	28	0.23	-
6	75	61	76	62	57	55	63	52	42	0.15*	0.05
7	75	63	77	59	53	61	55	43	71	0.19	0.05
8	87	66	90	61	57	60	60	39	40	0.26	-
9	89	68	93	62	55	61	56	46	35	0.30	-
10	86	63	85	61	51	49	48	28	40	0.22	-
11	90	63	89	63	53	51	48	23	33	0.29	-
12	96	64	94	65	53	47	44	18	29	0.29	-
13	99	69	97	67	57	56	56	34	52	0.26	-
14	90	63	87	63	54	55	49	35	97	0.38	0.22
15	89	73	83	65	53	43	41	17	72	0.40	-
16	96	60	95	65	54	48	47	21	32	0.38	-
17	95	68	94	65	58	67	51	31	36	0.31	-
18	97	65	98	65	52	44	39	16	27	0.37	-
19	99	64	98	65	51	41	36	14	29	0.41	-
20	101	67	99	64	43	43	27	13	32	0.44	-
21	103	70	100	63	49	41	32	14	40	0.45	-
22	102	77	94	69	56	53	45	32	54	0.46	-
23	88	61	83	64	61	62	94	55	87	0.33	0.32
24	79	63	82	62	46	63	35	85	103	0.36	-
25	85	63	80	60	55	59	56	35	74	0.34	0.65
26	92	64	92	62	56	39	53	17	37	0.32	-
27	91	61	95	59	48	41	41	18	36	0.37	-
28	91	62	93	60	48	47	39	23	37	0.38	-
29	92	66	94	61	48	47	35	22	43	0.43	-
30	95	66	95	61	49	46	33	19	43	0.44	-
31	97	70	97	64	45	55	28	22	47	0.45	-
Tot:										10.25	1.32
Ave:	90	64	90	62					48		

* Estimated evaporation.

PHULRA

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	72	99	66	47	54	28	20	39	0.46	-
2	104	74	101	69	49	60	29	28	35	0.47	-
3	102	74	95	67	52	57	35	27	64	0.45	0.10
4	98	73	98	69	59	57	51	33	58	0.40	-
5	94	67	69	64	59	57	57	33	56	0.39	0.16
6	91	69	95	63	51	57	40	31	56	0.43	-
7	95	68	97	65	49	43	35	17	39	0.43	-
8	98	70	98	66	50	36	34	13	34	0.43	-
9	99	66	96	62	47	44	33	16	54	0.44	-
10	100	73	97	67	48	44	30	15	38	0.45	-
11	102	69	98	67	52	47	34	15	32	0.45	-
12	105	76	100	69	54	55	33	24	38	0.50	-
13	104	76	97	67	57	54	36	20	56	0.47	-
14	105	78	100	71	50	58	27	22	43	0.48	-
15	107	75	100	71	51	59	29	23	36	0.50	-
16	108	74	101	71	51	60	29	22	34	0.53	-
17	108	72	100	67	51	49	29	15	38	0.55	-
18	109	73	99	67	49	42	26	11	34	0.51	-
19	109	72	99	67	50	52	31	19	37	0.52	-
20	106	72	97	70	49	54	29	20	37	0.48	-
21	105	79	100	72	52	50	30	18	32	0.44	-
22	103	69	93	69	64	59	72	31	55	0.37	0.29
23	97	73	94	69	65	53	49	22	35	0.29	-
24	103	80	101	73	59	57	41	23	44	0.47	-
25	104	80	99	75	62	52	43	27	47	0.48	-
26	104	68	101	69	64	62	57	33	61	0.45	0.48
27	98	70	100	69	65	58	63	28	45	0.25	-
28	98	73	101	73	68	67	56	61	22	0.35	-
29	88	70	86	71	64	64	54	34	29	0.10	0.34
30	98	77	102	74	61	64	46	44	34	0.40	-
Tot:										12.94	1.37
Ave:	102	73	97	69					42		

PHULRA

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	91	76	90	71	61	58	48	26	61	0.38	-
2	101	78	102	70	63	61	44	27	27	0.40	-
3	104	80	103	76	66	71	48	78	34	0.45	-
4	102	76	99	72	62	65	53	36	57	0.39	-
5	101	66	102	70	59	66	51	48	49	0.24	-
6	95	60	97	66	60	57	75	30	50	0.32	1.02
7			97	66	58		51		53	0.28	-
8			100	66	63	68	51	56	22	0.33	-
9	97	77	101	73	69	67	64	52	24	0.35	0.13
10	91	77	94	74	68	68	67	43	36	0.27	-
11	95	69	100	71	68	68	74	49	42	0.13	0.24
12	94	71	101	72	67	66	77	48	27	0.19	0.08
13	90	71	93	71	64	62	59	33	18	0.19	-
14	97	74	102	74	70	68	68	36	20	0.33	-
15	101	77	104	76	66	61	55	27	22	0.36	-
16	103	79	105	78	64	60	47	26	24	0.41	-
17	103	70	103	73	69	67	74	44	42	0.46	0.41
18	94	77	97	75	71	64	82	41	34	0.27	0.12
19	92	73	95	70	65	66	63	40	44	0.28	-
20	95	71	96	67	63	57	62	29	46	0.32	-
21	96	74	98	69	64	63	57	31	26	0.35	-
22	100	76	101	74	61	57	46	23	26	0.40	-
23	103	78	103	76	63	65	47	33	27	0.42	-
24	103	75	103	73	67	59	58	27	41	0.40	-
25	101	81	102	77	59	65	41	38	29	0.40	-
26	101	73	99	70	61	63	53	31	45	0.39	-
27	100	73	100	71	59	64	45	30	31	0.37	-
28	102	73	100	71	59	62	42	26	27	0.42	-
29	105	78	101	74	62	56	50	26	40	0.47	-
30	98	74	96	70	57	58	46	28	76	0.46	-
31	99	70	91	69	64	64	62	33	55	0.41	0.22
Tot:										10.84	2.22
Ave:			99	72					37		

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	74	99	72	69	59	64	27	26	0.35	-
2	101	78	100	76	66	70	55	37	30	0.38	-
3	103	81	101	77	67	61	52	25	29	0.38	-
4	104	84	100	78	69	69	53	35	24	0.34	-
5	103	86	100	80	70	69	54	38	28	0.34	-
6	101	71	100	74	70	71	90	68	50	0.43	0.96
7	84	71	97	73	71	71	95	57	36	0.10	0.52
8	92	72	99	73	71	70	75	59	30	0.26	-
9	94	69	100	68	65	68	73	47	41	0.15*	0.80
10	92	72	98	69	67	62	66	35	16		-
11	95	74	100	74	68	67	67	41	20	0.31	-
12	96	76	100	76	67	68	61	47	24	0.32	-
13	93	74	99	72	68	71	74	54	37	0.35	-
14	93	72	98	71	65	67	66	48	36	0.34	-
15	90	71	90	72	69	75	74	56	15	0.16	-
16	94	75	99	75	70	68	65	45	24	0.32	-
17	95	67	99	71	62	70	76	59	41	0.44	1.80
18	87	70	91	69	69	70	82	54	24	0.18	-
19	90	75	97	73	67	68	73	56	19	0.25	-
20	87	68	88	72	67	70	77	54	24	0.13	0.22
21	90	71	97	71	67	67	66	44	29	0.24	-
22	93	70	100	68	63	65	62	38	47	0.35	-
23	96	74	99	68	65	70	63	65	21	0.28	-
24	89	69	90	69	69	65	74	42	22	0.12	0.25
25	93	67	99	67	64	67	76	52	39	0.39	0.76
26	87	67	89	68	66	65	81	43	13	0.15	-
27	92	69	97	70	65	67	73	44	15	0.24	-
28	93	74	99	72	70	69	82	51	15	0.25	-
29	91	70	94	71	69	71	95	95	30	0.18	0.57
30	74	69	76	70	70	71	90	62	22	0.16*	0.67
31	89	73	93	71	72	69	86	67	16	0.15	-
Tot:										8.27	6.55
Ave:	93	73	96	72					27		

* Estimated evaporation.

PHULRA

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	89	67	95	68	65	74	73	56	21	0.16	0.03
2	93	71	98	71	68	68	74	45	16	0.23	-
3	94	72	98	73	69	68	74	43	17	0.26	-
4	96	72	99	73	70	68	74	45	18	0.27	-
5	96	72	99	73	67	67	66	44	16	0.27	-
6	95	75	97	74	69	67	70	42	17	0.26	-
7	95	73	97	74	70	72	74	53	11	0.25	-
8	95	76	97	76	70	65	71	54	10	0.26	-
9	95	67	91	68	68	68	82	53	20	0.14	0.31
10	89	70	95	70	67	67	90	63	11	0.24	0.12
11	81	69	85	68	65	65	73	54	20	0.12	-
12	85	64	86	66	62	64	76	44	15	0.13	-
13	90	67	93	68	65	66	77	44	19	0.22	-
14	92	72	95	70	67	69	77	51	19	0.23	-
15	90	73	95	74	69	70	78	54	19	0.22	-
16	92	67	96	70	67	68	81	53	30	0.35	0.87
17	88	66	95	66	57	61	60	46	17	0.24	0.21
18	89	65	90	67	59	53	64	52	20	0.20	-
19	89	59	82	60	54	59	69	57	53	0.12	0.21
20	76	60	79	60	60	59	89	49	43	0.11	0.19
21	81	57	87	61	57	51	83	42	22	0.18	-
22	81	54	85	57	55	49	78	35	22	0.18	-
23	81	55	85	56	49	48	59	30	22	0.20	-
24	86	57	87	58	48	54	49	33	21	0.19	-
25	92	55	89	58	55	49	69	28	17	0.23	-
26	90	56	88	59	53	43	65	21	18	0.22	-
27	90	57	87	59	54	40	65	19	16	0.22	-
28	90	57	87	59	53	44	58	23	22	0.23	-
29	91	57	88	60	56	46	66	26	16	0.22	-
30	90	65	87	61	49	54	50	35	54	0.28	0.03
Tot:										6.43	1.97
Ave:	89	65	91	66					21		

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 P.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	88	58	86	59	54	45	62	24	26	0.22	-
1	90	58	88	60	58	53	71	32	21	0.22	-
3	90	61	86	60	41	41	64	51	49	0.29	0.45
4	72	56	68	54	51	51	60	33	51	0.09	0.03
5	85	58	85	57	53	55	73	40	21	0.19	-
6	85	59	84	59	52	60	61	43	22	0.18	-
7	88	55	86	58	51	52	68	37	28	0.20	0.02
8	83	57	84	60	58	54	83	38	19	0.19	-
9	84	58	85	61	57	55	74	37	17	0.17	-
10	88	57	86	60	57	55	74	39	17	0.19	-
11	89	56	85	58	62	57	89	36	17	0.20	-
12	91	56	88	58	48	36	52	17	21	0.19	-
13	92	60	85	57	47	45	48	24	35	0.24	-
14	92	54	84	57	49	27	55	12	17	0.21	-
15	90	55	83	56	48	39	59	20	16	0.20	-
16	89	60	82	57	43	42	41	25	41	0.22	-
17	84	63	81	56	50	49	56	59	37	0.21	-
18	71	53	68	51	47	45	75	65	86	0.09	0.41
19	60	51	58	47	43	45	56	39	84	0.06	0.12
20	74	59	74	49	38	43	43	43	65	0.21	-
21	74	54	70	52	52	49	94	63	75	0.13	0.19
22	62	50	63	49	47	47	75	46	59	0.11	0.17
23	71	50	73	49	42	53	59	55	36	0.16	-
24	76	53	75	50	42	44	55	37	36	0.17	-
25	79	54	75	49	42	57	55	56	41	0.18	-
26	81	55	76	49	39	55	50	56	29	0.16	-
27	81	51	75	49	40	49	47	44	32	0.17	-
28	82	45	75	48	46	32	80	21	23	0.16	-
29	81	45	75	48	45	45	75	37	14	0.14	-
30	79	46	74	48	44	45	74	39	15	0.14	-
31	76	45	73	47	44	42	74	38	15	0.12	-
Tot:										5.40	1.39
Ave:	82	55	78	54					34		

PHULRA

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	46	71	48	47	37	81	28	12	0.10	-
2	78	46	77	48	43	47	64	43	14	0.13	-
3	81	45	73	47	42	36	63	25	51	0.13	-
4	84	46			42	36	63	25	86	0.14	-
5	84	43	73	47	38	32	66	21	19	0.15	-
6	85	46	76	47	44	47	74	38	15	0.14	-
7	86	46	74	48	46	30	86	20	5	0.13	-
8											-
9	83	45	73	48	47	55	81	52	26+	0.23+	-
10	83	49	73	51	46	43	80	34	7	0.11	-
11	81	49	72	50	48	50	87	53	7	0.12	-
12	75	49	66	49	46	51	81	51	7	0.05	-
13	79	45	71	48	47	47	86	43	11	0.10	-
14	80	42	72	46	37	42	65	38	17	0.13	-
15	81	43	70	44	39	39	78	34	16	0.13	-
16	80	39	68	42	36	35	70	29	16	0.11	-
17	79	40	67	41	37	27	71	21	17	0.13	-
18	80	41	67	41	36	31	70	27	17	0.12	-
19	80	39	67	41	39	23	84	18	15	0.12	-
20	79	38	66	41	33	27	69	23	15	0.12	-
21	80	40	65	41					22	0.12	-
22	69	52	58	44					25	0.04*	0.10
23	58	48	54	48					57	0.01*	0.85
24	55	47	52	47					28	0.02	0.39
25	66	49	62	48					20	0.03	0.30
26	60	47	56	43					49	0.04	0.12
27	72	43	64	42	42	45	85	57	26	0.07	-
28	71	38	64	41	37	39	84	50	15	0.08	-
29	70	38	61	39	35	39	76	50	10	0.07	-
30	70	39	60	40	36	34	64	37	15	0.06	-
Tot:										2.93	1.76
Ave:									22		

* Estimated evaporation.
\+ 2 days observation.

PHULRA

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	41	63	40	31	41	52	51	29	0.07	-
2	72	48	61	41	38	47	46	58	18	0.07	-
3	74	39	63	41	31	41	61	45	16	0.08	-
4	71	43	64	41	36	49	70	71	9	0.07	-
5	68	40	59	41	36	44	83	61	7	0.05	-
6	69	35	58	37	36	41	91	48	9	0.05	-
7	71	38	60	38	36	34	76	37	15	0.08	-
8	63	43	53	41	41	39	79	53	12	0.01	-
9	58	47	50	45	42	45	68	80	40	0.05	-
10	55	43	49	44	35	39	69	67	21	0.02*	1.28
11	55	44	54	40	41	47	85	70	52	0.03	-
12	66	40	60	40	37	47	77	70	28	0.06	-
13	65	40	58	38	38	45	77	69	25	0.06	-
14	65	37	57	38	33	49	75	76	25	0.07	-
15	66	40	56	38	39	43	78	64	28	0.07	-
16	60	45	52	40	47	41	81	73	30	0.06	-
17	54	48	48	44	45	47	80	81	49	0.03*	0.08
18	53	44	49	43	37	48	71	81	35	0.02	-
19	58	45	54	44	45	49	86	81	21	0.04*	0.04
20	60	44	58	43	38	52	77	82	33	0.01	0.06
21	61	43	59	44	39	49	72	76	26	0.05	-
22	65	38	61	40	33	42	75	73	18	0.07	-
23	61	38	55	37	28	34	59	43	18	0.04	-
24	56	40	53	38	37	27	65	49	27	0.05	-
25	48	41	45	40	33	34	69	43	19	0.09	0.19
26			56	40	37	41	65	79	32	0.07	0.05
27	47	43	45	43	41	44	92	74	42	0.01*	1.65
28	53	41	54	40	32	39	62	67	20	0.03	-
29	54	37	53	38	30	41	66	67	18	0.04	-
30	59	40	55	38	31	38	67	57	23	0.06	-
31	61	34	58	38	20	39	53	62	14	0.05	-
Tot:										1.56	3.35
Ave:			55	40					24		

* Estimated evaporation.

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RAWALAKOT - 1972

Location	Latitude 33°52', Longitude 73°46', situated in District Court Enclosure.
Elevation	7500 ± ft. msl.
Period of record	Rainfall data since July, 1960 other instruments were added by Surface Water Hydrology Project WAPDA in 1970.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Wet and dry bulb thermometer.
Annual figures	Precipitation 51.24 inches Evaporation incomplete Absolute Maximum air temperature 95°F Absolute Minimum air temperature 17°F
Remarks	Observations of precipitation, maximum and minimum temperatures, are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

RAWALAKOT

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	63	40			31	28	67	45			-
2	53	32			27	29	72	47			-
3	59	30			23	24	69	39			-
4	59	30			19	23	59	38			-
5	57	29			19	17	59	30			-
6	52	29			25	18	79	38			-
7	52	26			20	22	67	35			-
8	54	29			21	22	60	41			-
9	50	30			18	27	58	38			
10	59	30			21	26	60	41			-
11	58	29			22	23	68	38			-
12	56	28			18	23	58	38			-
13	55	31			26	37	53	91			-
14	48	36			33	32	90	57			0.19
15	49	31			29	32	89	62			-
16	49	32			31	32	81	57			-
17	52	33			30	29	80	47			-
18	57	34			31	31	81	52			-
19	58	36			34	37	82	60			-
20	55	39			32	37	68	91			-
21	48	39			34	33	75	90			0.42
22	44	31			28	33	89	75			1.05
23	47	30			26	31	79	74			0.05
24	44	32			30	33	80	63			-
25	50	35			31	36	81	76			-
26	51	36			33	33	90	75			0.04
27	48	31			27	32	80	62			0.04
28	50	33			31	33	81	63			-
29	52	35			33	35	90	100			0.02
30	37	34			33	36	90	91			0.25
31	42	32			31	38	90	100			0.98
Tot:											3.04
Ave:	52	32									

RAWALAKOT

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	41	34			35	36	91	100			1.31
2	40	32			33	36	100	83			0.44
3	46	33			33	32	90	68			-
4	47	33			30	34	90	82			-
5	44	30			30	30	100	90			0.05
6	37	27			27	33	100	90			0.39
7	40	25			23	28	88	59			0.03
8	45	26			18	17	58	59			-
9	49	28			26	23	89	30			-
10	49	29			27	22	72	42			-
11	50	35			27	27	58	65			-
12	45	32			30	32	90	100			1.27
13	37	27			25	27	89	100			0.28
14	34	17			19	25	85	79			0.21
15	42	19			16	21	73	60			-
16	43	23			18	17	65	34			-
17	48	25			21	25	76	48			-
18	48	26			24	25	78	43			-
19	49	29			22	27	68	38			-
20	56	32			27	31	72	41			-
21	61	35			29	37	60	77			-
22	48	40			35	35	83	69			0.07
23	52	40			34	34	63	58			0.01
24	54	42			35	37	76	71			0.24
25	51	36			30	26	74	53			-
26	47	27			26	23	89	42			-
27	51	29			25	15	79	24			0.01
28	55	31			25	20	63	33			0.01
29	54	31			29	29	80	43			-
Tot:											4.32
Ave:	47	30									

RAWALAKOT

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	56	33			27	31	72	41			-
2	62	35			34	31	82	35			-
3	65	39			34	23	63	23			-
4	65	39			38	37	91	84			0.30
5	55	36			36	41	100	85			1.37
6	51	36			39	37	91	65			0.01
7	57	37			37	33	91	53			-
8	52	35			35	38	91	91			1.07
9	42	32			37	38	81	61			0.58
10	57	36			31	37	74	52			-
11	57	39			37	41	77	85			-
12	60	44			43	35	92	51			0.19
13	55	35			36	35	91	47			0.88
14	58	37			35	31	76	33			-
15	63	42			37	37	65	56			-
16	59	41			41	38	92	49			0.06
17	63	42			39	37	78	42			-
18	64	41			41	38	85	46			-
19	67	44			45	47	100	100			0.42
20	51	43			43	42	92	55			0.59
21	63	42			39	37	78	39			-
22	65	42			38	37	71	35			-
23	69	45			43	42	79	40			-
24	72	47			44	44	80	39			-
25	74	49			43	43	64	43			-
26	75	49			48	52	87	73			0.20
27	66	42			46	45	93	50			0.99
28	67	48			45	46	69	51			-
29	71	47			46	45	93	61			0.30
30	62	44			44	35	80	38			0.16
31	66	44			35	32	55	32			-
Tot:											7.12
Ave:	62	41									

RAWALAKOT

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	67	42			39	37	67	37			-
2	69	46			38	39	57	38			-
3	68	47			42	38	68	49			-
4	65	51			41	45	63	69			-
5	60	43			42	48	92	81			1.20
6	59	42			41	49	73	53			0.02
7	69	47			39	45	62	50			-
8	67	49			44	47	85	62			-
9	64	41			42	47	74	65			0.59
10	62	45			43	50	74	71			0.01
11	63	47			44	55	74	65			-
12	70	47			46	57	75	63			-
13	73	48			50	56	76	59			-
14	75	49			49	55	67	62			-
15	75	54			50	50	76	67			0.04
16	63	49			49	48	100	93			1.09
17	53	46			45	52	80	77			0.37
18	62	47			46	45	86	93			0.05
19	55	42			43	41	79	79			0.49
20	57	41			42	46	92	75			0.48
21	59	40			49	51	93	60			0.09
22	68	48			43	51	60	57			-
23	70	45			43	48	60	47			-
24	74	48			43	52	56	51			-
25	75	50			45	51	61	60			-
26	75	50			50	63	71	61			0.22
27	73	53			50	53	71	78			-
28	70	51			51	47	82	93			0.95
29	58	45			45	49	86	81			1.15
30	62	46			46	63	75	68			0.62
Tot:											7.37
Ave:	66	47									

RAWALAKOT

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	69	46			45	52	69	64			-
2	69	50			52	51	82	93			-
3	65	47			50	51	76	57			0.29
4	69	49			50	54	71	65			-
5	71	53			52	53	73	61			-
6	69	54			55	54	83	94			-
7	64	50			51	48	87	49			0.19
8	70	55			57	55	83	52			-
9	76	55			58	59	83	64			-
10	77	54			58	61	74	65			-
11	79	56			57	63	74	56			-
12	83	55			58	64	71	57			-
13	84	58			57	61	89	72			0.07
14	76	54			54	55	78	56			0.09
15	76	58			58	64	74	59			-
16	82	55			61	66	80	70			-
17	80	57			60	72	75	71			-
18	84	59			64	73	81	75			-
19	84	58			64	76	76	76			-
20	86	56			65	74	77	72			-
21	89	57			52	54	43	35			-
22	89	68			65	62	81	76			0.03
23	79	61			59	62	94	89			0.22
24	68	52			57	57	79	94			0.58
25	74	53			56	62	79	62			0.17
26	79	55			56	64	79	69			0.03
27	79	48			52	67	64	77			-
28	78	49			58	64	79	65			-
29	78	51			61	65	75	63			-
30	81	54			62	68	76	64			-
31	84	58			63	69	69	61			-
Tot:											1.67
Ave:	77	54									

RAWALAKOT

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	87	59			63	73	65	66			-
2	89	63			66	67	73	63			-
3	88	62			61	67	80	61			-
4	85	59			60	63	84	85			0.32
5	73	53			56	61	88	68			0.45
6	75	55			57	60	79	64			0.07
7	77	55			60	61	75	55			-
8	82	57			60	65	71	66			-
9	81	54			57	65	70	60			0.08
10	84	58			60	64	64	51			-
11	86	59			60	64	61	47			-
12	90	64			64	66	69	60			-
13	87	62			67	68	77	56			-
14	89	66			66	69	73	53			-
15	92	64			65	71	57	52			-
16	94	63			64	75	57	61			-
17	93	63			66	75	60	59			-
18	95	63			64	72	54	53			-
19	95	62			64	73	65	83			-
20	89	60			61	73	65	62			0.12
21	90	65			69	72	82	65			-
22	90	59			57	67	94	77			0.31
23	84	58			63	74	69	72			0.24
24	87	65			69	76	82	76			-
25	88	67									0.08
26	88	60									0.19
27	84	61									0.01
28	84	65									0.01
29	79	60									0.20
30	82	66									-
Tot:											2.08
Ave:	86	61									

RAWALAKOT

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	62									0.88
2	87	67									-
3	87	69									-
4	86	65									0.25
5	82	59									0.05
6	78	60									0.02
7	72	54									0.46
8	82	63									0.01
9	79	61									0.52
10	66	62									1.22
11	73	62									0.21
12	76	61									0.15
13	72	62									0.01
14	81	64									-
15	85	68									-
16	87	69									-
17	85	66									-
18	85	66									-
19	82	61									0.06
20	79	29									-
21	83	64									-
22	85	63									-
23	88	67									-
24	85	62									0.05
25	85	68									0.02
26	[illegible]	60									0.47
27	83	62									-
28	85	62									-
29	89	61									0.05
30	87	58									0.62
31	82	62									0.05
Tot:											4.30
Ave:	82	63									

RAWALAKOT

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	59									1.95
2	83	65									0.01
3	85	68									-
4	87	70									-
5	85	70									0.01
6	81	62									2.71
7	74	61									8.15
8	75	61									0.29
9	79	59									0.67
10	79	61									0.01
11	82	64									-
12	80	64									-
13	78	61									0.12
14	75	63									0.41
15	73	61									0.06
16	78	63									-
17	80	59									0.19
18	74	58									0.12
19	77	64									-
20	72	60									1.11
21	77	61									-
22	78	59									-
23	82	62									-
24	76	63									0.02
25	80	58									0.12
26	77	59									-
27	80	60									-
28	81	63									0.57
29	72	64									0.54
30	68	60									0.87
31	74	64									-
Tot:											9.93
Ave:	78	62									

RAWALAKOT

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	59			61	65	84	73			0.29
2	77	61			64	65	90	66			-
3	80	63			63	64	85	66			-
4	82	62			63	66	80	66			-
5	82	63			64	64	85	65			-
6	80	62			65	64	90	65			-
7	81	65			63	61	85	65			-
8	80	64			63	63	85	76			0.18
9	78	59			57	61	79	72			0.66
10	75	62			60	60	89	75			0.11
11	69	57			57	57	89	63			0.17
12	72	56			55	61	78	65			0.02
13	76	58			61	63	89	65			-
14	79	61			60	64	84	69			-
15	79	64			63	65	80	81			0.01
16	77	58			59	63	89	76			0.45
17	78	54			54	58	78	60			0.75
18	75	55			55	48	78	63			-
19	74	51			49	51	81	68			0.74
20	66	52			53	50	83	56			0.02
21	71	50			51	34	82	35			-
22	68	42			37	41	56	42			-
23	70	45			45	39	75	34			-
24	72	47			45	39	69	28			-
25	79	50			47	43	65	34			-
26	78	49			48	44	66	37			-
27	76	49			45	40	65	30			-
28	77	50			45	45	61	39			-
29	78	51			49	46	71	43			-
30	76	55			47	44	70	44			-
Tot:											3.40
Ave:	76	56									

RAWALAKOT

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	49			47	44	70	37			-
2	77	51			52	48	82	47			-
3	75	52			45	49	65	76			0.05
4	66	47			46	47	80	58			0.12
5	71	49			49	40	76	39			-
6	72	48			45	43	69	46			-
7	75	46			45	46	75	51			0.02
8	70	49			50	48	87	52			-
9	71	50			51	47	82	48			-
10	74	48			47	67	75	85			-
11	77	48			42	42	59	31			-
12	78	48			46	40	75	32			-
13	78	48			45	39	69	28			-
14	77	48			42	41	63	35			-
15	78	48			42	49	63	34			-
16	77	51			42	41	59	37			-
17	74	49			44	43	74	85			0.25
18	70	44			44	43	100	92			1.10
19	47	40			41	44	85	61			0.35
20	62	44			39	43	72	74			-
21	59	45			43	42	92	79			0.22
22	52	41			37		77				0.39
23	57	39			33	38	69	53			-
24	65	39			37	42	77	52			-
25	63	38			36	43	76	56			-
26	67	39			36	37	76	39			-
27	68	39			32	41	62	48			-
28	68	41			36	40	70	47			-
29	68	41			38	40	77	44			-
30	66	41			41	41	85	48			-
31	66	40			39	43	78	60			-
Tot:											2.58
Ave:	69	45									

RAWALAKOT

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	65	42			39	38	78	43			-
2	68	40			37	38	77	43			-
3	70	40			32	43	57	43			-
4	72	40			35	41	69	42			-
5	73	41			36	39	64	40			-
6	74	43			35	40	59	44			-
7	74	43			38	41	71	45			-
8	71	44			39	40	72	44			-
9	71	46			42	41	73	45			-
10	74	45			41	42	73	52			-
11	70	47			43	45	79	65			-
12	65	46			42	41	79	48			-
13	68	43			39	37	78	45			-
14	67	40			33	39	63	50			-
15	68	40			35	35	69	41			-
16	67	39			31	37	61	45			-
17	68	39			32	34	68	40			-
18	66	39			29	32	55	39			-
19	66	38			27	32	54	42			-
20	66	38			32	34	68	40			-
21	68	40			29	34	55	43			-
22	62	44			42	44	92	100			0.21
23	50	38			38	39	91	91			0.81
24	47	39			35	37	76	84			0.49
25	49	40			39	38	91	91			0.28
26	45	35			33	38	82	77			0.18
27	54	35			30	38	74	66			-
28	58	35			33	41	82	73			-
29	58	34			34	42	82	68			-
30	58	35			31	39	74	57			-
Tot:											1.97
Ave:	64	40									

RAWALAKOT

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	60	36			34	35	75	47			-
2	63	39			29	37	60	45			-
3	67	38			29	39	60	50			-
4	62	40			32	37	68	48			-
5	60	38			29	37	60	52			-
6	58	35			25	34	52	46			-
7	57	35			23	28	51	42			-
8	58	40			27	35	49	76			-
9	51	38			33	33	75	90			0.04
10	44	32			30	35	90	91			1.05
11	42	31			30	35	80	69			0.35
12	50	33			28	30	73	56			0.01
13	51	30			23	31	62	52			-
14	53	33			26	33	64	49			-
15	57	36			29	33	66	57			-
16	52	39			34	37	75	91			0.01
17	47	39			38	37	91	84			0.17
18	46	40			38	41	91	85			0.02
19	47	39			38	41	91	92			0.49
20	46	33			31	37	90	77			0.01
21	48	34			30	32	74	57			-
22	54	34			29	31	73	67			-
23	50	31			26	28	79	59			-
24	45	31			29	33	89	90			0.05
25	38	32			31	35	90	83			0.22
26	43	34			30	37	74	84			0.24
27	47	37			35	36	83	83			0.79
28	47	35			31	30	81	66			0.01
29	48	31			27	31	80	67			-
30	45	33			30	33	80	69			-
31	47	32			30	32	80	57			-
Tot:											3.46
Ave:	51	35									

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RAWAL DAM - 1972

Location	Latitude 33°42', Longitude 73°08', on the northern periphery of Rawal Lake.
Elevation	1,700 ± ft. msl.
Period of record	January 1963 to date, station established by Surface Water Hydrology Project WAPDA.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 32.63 inches Evaporation (Pan) 78.97 inches Absolute Maximum air temperature 112°F Absolute Minimum air temperature 29°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures, and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temprratures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

RAWAL DAM

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	43	57	36	37	37	71	42	17	0.07	-
2	69	34	59	35	34	38	75	43	14	0.08	-
3	70	32	56	33	28	37	73	42	10	0.09	-
4	68	31	56	32	28	38	73	43	12	0.08	-
5	69	29	55	32	24	39	70	40	11	0.07	-
6	68	30	56	31	25	23	71	27	12	0.08	-
7	64	29	54	31	25	23	71	23	12	0.08	-
8	64	32	54	31	27	34	72	46	11	0.07	-
9	57	33	46	31	26	31	64	31	8	0.05	-
10	67	29	55	30	22	37	61	45	11	0.06	-
11	68	30	56	31	13	26	33	25	12	0.07	-
12	67	32	56	32	27	32	72	36	15	0.08	-
13	65	35	54	32	31	42	52	59	15	0.08	-
14	60	43	48	40	44	40	92	44	13	0.03	0.03
15	68	38	61	37	39	41	91	51	16	0.07	-
16	65	41	54	36	39	42	84	49	11	0.06	-
17	68	38	58	38	36	39	76	40	10	0.07	-
18	70	39	60	38	39	38	78	43	13	0.08	-
19	65	40	55	39	36	41	83	45	8	0.07	-
20			59	43	46	47	86	75	10	0.06	-
21	61	48	52	45	48	47	87	93	24	0.03	0.08
22	53	39	46	38	41	43	92	56	26	0.04	2.24
23	61	38	59	38	41	44	92	64	13	8.07	-
24	59	41	50	38	42	45	92	57	9	0.05	-
25	62	41	57	40	41	45	92	65	9	0.05	-
26	61	43	53	40	43	35	92	36	7	0.03	-
27											-
28											-
29	70	31	62	36	50	46	93	80	49+	0.18+	-
30	54	44	49	42	45	43	93	79	20	0.05	0.15
31	54	46	49	41	46	47	86	86	21	0.03	1.14
Tot:										1.99	3.64
Ave:									14		

+ 3 days observation.

RAWAL DAM

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	53	47	48	44	46	47	93	81	4	0.02	0.17
2	55	39	54	38	40	34	92	37	6	0.01	0.05
3	62	34	62	36	36	27	91	33	22	0.08	-
4	60	33	60	34	16	43	33	79	18	0.10	-
5	58	36	52	33	39	38	91	66	9	0.06	-
6	58	34	56	36	35	21	91	26	35	0.05	0.27
7	57	31	56	33	36	29	91	31	32	0.06	-
8	62	30	58	33	34	18	82	17	31	0.07	-
9	70	31	61	32	29	41	73	48	23	0.09	-
10	61	36	59	32	44	39	85	50	17	0.09	-
11	61	44	52	40	32	38	42	53	17	0.08	-
12	61	43	48	40	42	37	85	52	79	0.06	1.12
13	55	36	50	35	40	44	92	85	20	0.03	0.04
14	49	32	43	33	33	28	82	42	31	0.04	0.34
15	56	30	54	32	30	23	80	30	22	0.06	-
16	58	30	52	31	28	29	73	34	22	0.08	-
17	61	31	56	33	35	34	91	40	23	0.10	-
18	60	31	59	32	33	34	82	37	15	0.10	-
19	66	33	62	33	35	36	83	34	20	0.11	-
20	70	37	64	33	35	34	76	33	16	0.12	-
21	71	41	66	37	43	44	74	49	22	0.13	-
22	65	49	56	45	39	42	50	40	22	0.07	-
23	69	48	60	48	47	44	70	49	37	0.09	-
24	68	43	64	44	45	37	93	39	22	0.08	-
25	66	39	65	40	39	37	91	45	20	0.09	-
26	63	29	65	34	36	29	76	29	22	0.12	-
27	64	35	63	34	35	31	83	31	16	0.13	-
28	67	34	66	35	33	26	57	25	18	0.14	-
29	70	35	67	36	37	33	77	30	27	0.16	-
Tot:										2.42	1.99
Ave:	62	36	58	36					23		

RAWAL DAM

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 6 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	71	37	65	36	41	29	79	23	33	0.18	-
2	74	39	69	39	26	32	41	21	23	0.18	-
3	75	49	69	42	42	26	55	17	29	0.17	-
4	79	52	74	49	51	47	93	55	35	0.20	0.22
5	73	49	63	47	48	45	93	50	44	0.13	0.85
6	65	45	67	46	49	46	93	51	23	0.09	-
7	69	46	70	46	48	49	93	63	18	0.11	-
8	66	49	61	47	50	47	93	58	25	0.08	1.10
9	62	40	60	40	42	44	79	44	23	0.11	0.93
10	71	43	70	41	35	49	55	55	28	0.14	-
11	68	49	63	43	47	51	70	64	13	0.09	-
12	67	53	59	48	49	51	71	82	35	0.09	0.04
13	71	42	62	40	47	38	93	29	45	0.11	0.46
14	74	46	72	42	48	52	87	51	35	0.15	-
15	78	52	73	46	53	47	83	48	23	0.14	-
16	70	46	62	46	47	45	86	37	27	0.10	-
17	76	51	75	46	51	43	72	32	27	0.14	-
18	79	49	78	48	48	65	66	77	34	0.18	-
19	79	56	73	50	56	56	88	83	25	0.18	0.16
20	71	52	64	51	55	49	83	41	26	0.05	0.22
21	76	49	69	48	54	42	83	30	21	0.17	-
22	78	48	76	49	51	43	72	29	27	0.19	-
23	82	51	79	49	52	43	77	24	32	0.24	-
24	85	53	79	50	43	45	46	25	24	0.22	-
25	89	57	81	53	54	47	62	29	29	0.25	-
26	88	58	80	55	60	57	75	41	27	0.22	0.08
27	87	54	80	53	57	52	79	35	60	0.25	0.60
28	84	59	83	53	59	59	67	49	27	0.24	-
29	84	61	81	55	55	53	74	44	57	0.25	0.04
30	81	52	76	42	54	34	83	18	18	0.18	0.05
31	84	50	76	48	51	34	57	19	27	0.25	-
Tot:										5.08	4.75
Ave:	76	50	71	47					30		

RAWAL DAM

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	50	79	49	50	31	71	15	44	0.30	-
2	85	51	80	49	49	34	55	18	34	0.30	-
3	85	57	79	51	54	42	69	30	21	0.27	-
4	79	64			47	57	46	89	32	0.19	-
5	72	52	63	52	57	55	94	52	23	0.08	0.30
6	78	50	82	52	57	47	89	33	15	0.19	-
7	83	56	84	53	52	46	51	30	33	0.27	-
8	83	61	83	57	55	50	59	38	31	0.29	-
9	81	53	84	50	55	47	83	33	52	0.33	0.98
10	80	55	78	52	57	13	79	8	20	0.17	-
11	79	55	84	54	58	47	74	29	25	0.22	-
12	84	53	83	53	59	41	67	20	39	0.27	-
13	88	55	85	54	53	44	52	20	30	0.29	-
14	91	59	88	55	56	54	53	38	23	0.31	-
15	93	63	87	58	53	50	46	34	17	0.26	-
16	85	60	77	57	58	57	74	63	50	0.18	0.25
17	75	54	70	53	46	55	54	49	24	0.11	0.03
18	79	59	77	55	57	55	70	52	35	0.20	-
19	78	52	80	52	57	47	64	43	30	0.17	-
20	79	50	82	49	52	48	73	39	51	0.[illegible]9	0.74
21	76	51	79	51	51	51	64	36	29	0.21	-
22	85	49	85	52	57	53	70	36	18	0.27	-
23	87	54	85	53	57	48	63	24	16	0.26	-
24	90	59	87	55	55	43	56	21	20	0.28	-
25	91	57	88	54	55	44	52	20	24	0.31	-
26	92	61	90	58	57	52	48	27	19	0.32	-
27	93	67	88	62	63	52	69	37	21	0.32	-
28	88	62	75	58	62	57	89	48	47	0.34	1.10
29	80	63	76	58	59	61	67	65	15	0.15	0:06
30	84	56	82	55	57	47	63	34	16	0.17	-
Tot:										7.32	3.46
Ave:	84	56							28		

RAWAL DAM

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	87	54	89	55	56	48	70	35	21	0.27	-
2	85	55	75	54	56	47	59	29	19	0.26	-
3	86	57	84	56	55	47	52	25	23	0.26	-
4	89	64	89	58	58	58	60	45	20	0.29	-
5	87	63	80	60	57	56	53	37	30	0.22	-
6	88	67	82	61	61	51	61	48	53	0.28	-
7	80	61	72	57	57	56	56	34	44	0.19	0.07
8	90	67	89	61	61	53	53	31	16	0.24	-
9	93	64	89	63	63	47	59	23	28	0.31	-
10	94	64	88	61	63	43	56	19	25	0.32	-
11	95	65	87	62	58	54	49	27	35	0.35	-
12	99	67	89	62	63	61	51	28	18	0.31	-
13	104	75	96	64	72	55	65	35	59	0.43	-
14	98	66	90	61	61	59	58	32	64	0.38	0.12
15	97	67	94	65	63	49	56	21	20	0.36	-
16	99	65	95	63	57	50	44	22	19	0.38	-
17	99	63	91	61	59	46	51	19	30	0.40	-
18	98	66	92	62	56	37	37	12	30	0.43	-
19	100	62	91	60	52	30	37	9	43	0.48	-
20	102	62	91	59	51	37	29	11	41	0.54	-
21	105	65	94	61	52	53	30	23	26	0.55	-
22	107	81	96	67	57	58	35	33	32	0.58	-
23	97	70	86	67	62	65	62	49	47	0.42	0.05
24	89	64	83	64	53	64	36	65	29	0.22	0.23
25	95	67	86	63	63	57	56	30	26	0.22	0.17
26	96	61	91	61	49	27	32	10	43	0.44	-
27	95	56	89	54	40	29	25	11	43	0.50	-
28	99	59	88	56	50	27	38	9	36	0.48	-
29	96	61	91	57	50	31	34	10	21	0.40	-
30	100	64	92	59	52	32	34	9	21	0.44	-
31	102	63	92	60	53	39	32	12	28	0.50	-
Tot:										11.45	0.64
Ave:	95	64	88	60					32		

RAWAL DAM

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	105	67	94	63	54	41	32	11	25	0.54	-
2	107	74	98	67	60	45	39	14	20	0.52	-
3	105	78	94	67	58	49	40	17	23	0.42	-
4	104	72	97	68	59	53	47	29	35	0.47	-
5	93	62	90	59	59	47	54	23	40	0.45	0.53
6	92	70	91	63	53	47	39	22	24	0.33	-
7	96	62	92	60	49	39	26	13	21	0.39	-
8	99	65	93	61	55	43	37	15	22	0.43	-
9	100	66	94	62	51	45	29	16	29	0.45	-
10	101	73	95	66	61	43	46	13	18	0.46	-
11	104	68	96	63	60	50	39	17	23	0.48	-
12	107	75	98	68	55	51	32	18	18	0.50	-
13	107	72	96	67	61	46	48	14	18	0.48	-
14	109	80	98	70	59	57	34	21	26	0.52	-
15	108	75	97	65	62	63	38	24	41	0.51	-
16	109	68	97	63	63	58	37	21	32	0.54	-
17	110	68	98	66	57		31		36	0.56	-
18	112	67	93	63	61	41	36	11		0.62	-
19	110	70	94	64	53	43	28	13	82+	0.58	-
20	106	71	91	65	61	58	43	24	37	0.44	-
21			97	69	68	63	49	27	19	0.45	-
22	105	69	94	66	61	75	58	61	51	0.61	0.80
23	95	75	90	65	68	63	56	29	19	0.20	-
24	103	80	97	71	61	67	41	37	18	0.38	-
25	101	82	96	72	69	69	49	40	29	0.41	-
26	101	71	98	69	68	67	74	44	33	0.41	0.16
27	94	73	93	68	65	62	49	31	27	0.29	-
28	100	80	98	72	64	63	51	38	25	0.36	-
29	95	71	93	67	65	61	52	29	25	0.34	-
30	101	80	98	73	68	60	49	30	20	0.40	-
Tot:										13.38	1.49
Ave:			95	66					28		

+ Two dyas wind movement.

RAWAL DAM

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	75	93	71	64	61	44	27	32	0.43	-
2	105	72	96	70	68	64	43	28	23	0.45	-
3	107	76	101	75	71	69	52	47	28	0.48	-
4	104	76	100	72	70	71	59	52	31	0.39	0.06
5	97	69	93	68	68	64	74	62	41	0.44	0.41
6	93	71	92	68	70	63	82	38	22	0.26	-
7	92	70	91	68	63	57	59	27	18	0.28	-
8	99	73	96	69	71	69	71	53	29	0.39	-
9	95	73	93	68	70	72	74	62	51	0.44	0.03
10	90	75	86	72	69	67	74	42	30	0.26	0.05
11	94	77	92	72	73	75	83	83	25	0.31	-
12	91	73	91	69	68	66	67	50	32	0.25	0.09
13	92	71	90	68	68	65	58	38	24	0.29	-
14	100	77	97	73	74	66	66	32	25	0.40	-
15	103	81	100	76	74	66	58	29	22	0.42	-
16	106	83	101	78	73	65	53	33	28	0.44	-
17	105	84	99	75	68	71	49	91	27	0.43	-
18	104	72	100	70	72	71	86	46	36	0.40	0.86
19	99	73	96	71	72	65	71	42	22	0.25	-
20	94	73	88	70	68	67	58	42	12	0.20	-
21	94	74	92	72	66	60	50	26	17	0.26	-
22	102	79	96	72	68	63	49	27	29	0.44	-
23	105	81	98	75	71	65	52	39	18	0.43	-
24	101	77	98	71	69	70	51	37	32	0.38	-
25	103	82	99	73	76	71	64	82	14	0.40	-
26	103	73	100	69	70	67	68	41	26	0.31	0.26
27	98	74	94	70	64	59	47	25	15	0.28	-
28	103	76	98	68	68	63	49	27	21	0.32	-
29	105	83	96	71	63	63	40	30	19	0.38	-
30	104	74	98	70	64	61	59	31	47	0.49	0.02
31	99	72	91	68	63	56	47	24	16	0.29	-
Tot:										11.19	1.78
Ave:	100	75	95	71					26		

RAWAL DAM

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	76	95	70	64	61	47	27	29	0.43	-
2	103	81	96	73	70	65	51	31	18	0.39	-
3	104	82	98	75	69	64	53	28	15	0.38	-
4	105	84	98	76	73	68	55	35	16	0.37	-
5	103	85	97	75	76	75	69	56	36	0.38	-
6	97	76	94	72	71	70	82	47	46	0.34	-
7	95	74	92	71	69	70	82	68	32	0.35	0.62
8	95	73	94	71	74	73	79	55	18	0.20	-
9	94	73	92	70	71	67	82	42	22	0.23	0.06
10	95	73	94	70	69	63	61	33	14	0.26	-
11	99	77	97	73	75	69	69	47	17	0.35	-
12	95	76	95	74	72	73	71	60	27	0.27	-
13	92	67	92	71	71	71	95	57	31	0.38	0.70
14	91	70	91	68	69	71	95	62	23	0.26	0.05
15	87	70	86	69	64	71	59	50	13	0.13	-
16	93	75	97	72	73	68	66	43	14	0.30	-
17	96	67	98	66	67	70	95	68	25	0.40	1.80
18	84	67	80	66	70	70	74	51	12	0.13	0.04
19	91	70	92	70	69	70	95	56	16	0.19	0.94
20	88	68	87	67	71	70	71	54	12	0.18	0.26
21	92	74	96	72	71	71	68	50	13	0.28	-
22	95	72	99	71	70	65	65	36	12	0.30	-
23	97	77	98	72	75	73	69	86	11	0.29	-
24	94	72	90	69	70	70	71	45	18	0.19	0.01
25	96	66	96	64	68	65	82	52	31	0.36	1.44
26	86	67	85	65	49	65	37	42	6	0.13	-
27	93	71	95	67	71	65	71	38	11	0.25	-
28	97	74	96	70	71	69	62	61	14	0.24	-
29	88	72	90	70	72	74	91	91	21	0.22	0.04
30	78	72	74	68	74	72	91	65	11	0.08	0.38
31	89	87	89	69	76	69	91	53	4	0.13	-
Tot:										8.39	6.34
Ave:	94	74	93	70					19		

RAWAL DAM

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	72	92	70	72	71	79	50	15	0.23	-
2	93	73	97	71	71	73	57	51	11	0.24	-
3	97	75	98	73	74	74	72	49	9	0.26	-
4	100	71	99	72	72	75	65	52	11	0.29	-
5	100	75	98	73	69	73	61	45	9	0.28	-
6	99	76	97	77	73	71	68	48	9	0.25	-
7	97	76	94	72	74	73	69	51	12	0.32	-
8	97	76	96	72	73	69	75	49	9	0.25	-
9	96	68	94	66	71	70	91	59	28	0.30	1.15
10	88	74	92	76	74	65	91	52	10	0.17	-
11	96	66	94	65	69	70	95	68	14	0.21	0.37
12	83	67	80	64	69	69	86	51	9	0.07	0.01
13	91	71	90	66	71	72	75	53	17	0.22	-
14	93	70	95	70	67	73	70	53	10	0.21	-
15	94	74	94	71	73	73	83	62	15	0.24	-
16	91	63	94	65	71	71	91	59	26	0.30	0.90
17	90	67	91	66	66	64	81	44	13	0.17	-
18	89	64	90	62	64	60	72	61	9	0.21	-
19	85	61	82	58	63	65	85	57	31	0.13	0.48
20	83	64	81	60	65	55	85	43	9	0.10	-
21	85	56	87	57	55	47	65	36	14	0.19	-
22	83	52	82	51	56	47	70	33	25	0.25	-
23	83	54	80	52	58	50	71	31	23	0.26	-
24	89	54	85	54	57	56	66	34	12	0.27	-
25	92	57	87	56	58	38	57	18	11	0.23	-
26	91	56	84	54	51	57	48	36	18	0.26	-
27	92	59	87	56	55	61	49	43	10	0.23	-
28	92	58	87	57	55	58	56	37	13	0.24	-
29	94	61	88	59	58	53	57	32	12	0.24	-
30	90	67	86	60	65	54	77	35	17	0.25	-
Tot:										6.87	2.91
Ave:	91	66	90	64					14		

RAWAL DAM

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	57	82	56	57	56	66	34	7	0.16	-
2	92	61	86	57	54	63	55	48	9	0.22	-
3	92	60	86	58	55	49	49	37	30	0.28	0.05
4	80	57	71	54	58	57	83	39	14	0.12	-
5	88	62	82	55	61	61	89	48	17	0.17	0.09
6	85	58	77	56	58	59	71	45	12	0.12	-
7	87	62	82	57	59	59	67	47	17	0.19	-
8	85	59	83	58	60	60	71	47	10	0.22	-
9	86	59	82	58	60	59	67	38	13	0.20	-
10	90	60	84	57	63	54	85	35	10	0.19	-
11	91	56	82	55	59	36	71	17	15	0.24	-
12	92	57	82	53	50	57	47	36	25	0.25	-
13	94	56	83	55	56	51	66	29	10	0.27	-
14	93	55	81	54	51	55	51	35	19	0.27	-
15	93	57	82	55	53	54	55	33	10	0.22	-
16	92	60	81	56	57	52	63	34	11	0.21	-
17	90	59	81	57	52	47	51	34	12	0.22	-
18	87	57	80	53	54	53	78	55	47	0.29	0.75
19	73	48	62	45	46	53	75	41	11	0.13	0.43
20	81	50	75	46	58	48	83	41	9	0.10	-
21	82	56	74	53	55	52	78	57	35	0.22	0.28
22	72	48	66	47	43	50	60	45	18	0.09	0.13
23	77	47	70	46	50	54	76	49	14	0.14	-
24	79	47	74	47	41	53	51	44	8	0.13	-
25	81	47	74	47	52	50	77	45	11	0.13	-
26	80	48	73	47	42	49	52	41	12	0.14	-
27	81	49	74	46	49	48	67	39	11	0.13	-
28	80	51	73	46	46	44	57	35	13	0.14	-
29	81	51	74	47	45	46	57	35	16	0.15	-
30	81	48	72	46	47	41	62	33	17	0.14	-
31	80	45	74	45	45	39	61	34	15	0.15	-
Tot:										5.63	1.73
Ave:	85	54	77	52					15		

RAWAL DAM

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	51	66	46	47	51	62	51	11	0.11	-
2	79	46	70	45	47	49	70	41	9	0.12	-
3	82	48	72	44	47	44	70	29	11	0.13	-
4	84	48	73	45	47	42	75	31	9	0.14	-
5	85	45	72	44	42	51	52	54	11	0.15	-
6	83	46	72	45	44	49	64	53	8	0.13	-
7	84	47	71	45	45	52	57	51	13	0.14	-
8	83	47	71	46	47	53	70	46	10	0.12	-
9	84	48	73	47	47	46	62	45	9	0.13	-
10	82	52	72	51	47	55	62	59	14	0.12	-
11	82	55	72	49	49	53	67	55	13	0.14	-
12	81	52	72	50	51	51	72	54	7	0.11	-
13	81	48	71	47	49	53	76	52	8	0.11	-
14	82	45	70	44	45	48	69	39	13	0.13	-
15	81	46	70	41	38	44	49	35	11	0.13	-
16	80	51	67	41	38	39	53	28	11	0.14	-
17	79	43	61	41	38	39	49	36	13	0.14	-
18	79	39	67	40	38	36	61	30	14	0.14	-
19	81	40	66	39	34	44	46	47	9	0.14	-
20	79	41	65	39	39	41	62	42	11	0.13	-
21	79	43	65	40	39	49	62	59	12	0.13	-
22	74	50	58	42	50	53	71	88	12	0.08	0.02
23	63	49	54	47	52	52	94	77	16	0.04	0.34
24	68	51	59	47	53	53	94	73	20	0.04	0.19
25	65	47	61	47	48	49	93	67	11	0.06	0.16
26	65	43	56	40	45	54	93	69	14	0.05	0.09
27	70	42	63	40	46	51	86	68	12	0.07	-
28	71	45	63	41	46	54	86	69	13	0.07	-
29	69	39	63	40	42	53	85	68	13	0.06	-
30	71	38	62	38	42	51	85	60	9	0.07	-
Tot:										3.27	0.80
Ave:	74	46	67	44					12		

RAWAL DAM

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	36	61	37	41	47	79	58	11	0.08	-
2	72	39	60	38	41	49	85	67	8	0.08	-
3	72	39	59	38	42	50	85	67	8	0.08	-
4	73	45	61	38	44	51	74	64	13	0.09	-
5	74	44	62	42	46	50	86	71	7	0.08	-
6	70	38	58	37	41	49	85	67	10	0.07	-
7	72	39	59	38	42	49	85	67	9	0.09	-
8	67	45	53	39	45	40	80	47	10	0.05	-
9	64	44	50	42	45	48	80	87	12	0.05	0.03
10	56	47	46	42	47	52	86	82	36	0.11	1.75
11	63	39	56	37	41	51	92	77	8	0.05	-
12	65	36	57	37	39	51	91	72	7	0.05	-
13	66	35	58	35	35	51	83	72	9	0.06	-
14	66	37	57	35	39	52	84	77	11	0.06	-
15	65	36	55	36	43	52	92	82	10	0.06	-
16	62	44	51	38	42	50	52	87	13	0.05	-
17	61	46	48	42	48	50	93	93	8	0.03	-
18	60	44	47	42	43	53	85	73	2	0.03	-
19	67	46	59	42	49	54	93	73	9	0.04	-
20	68	43	60	42	45	49	93	71	9	0.06	-
21	68	39	60	39	41	49	92	67	12	0.07	-
22	65	39	59	37	41	47	92	65	14	0.07	-
23	65	37	56	36	38	49	91	76	12	0.07	-
24	64	39	55	35	46	45	93	80	14	0.06	0.05
25	52	44	45	40	45	50	93	76	10	0.03	0.11
26	62	46	57	40	47	49	81	76	15	0.05	0.03
27	59	49	48	44	49	52	93	82	13	0.13	1.13
28	60	42	57	41	42	48	92	81	12	0.05	-
29	60	34	58	35	37	48	91	63	12	0.06	-
30	63	35	56	35	36	39	91	50	8	0.06	-
31	62	33	55	33	35	43	91	56	10	0.06	-
Tot:										1.98	3.10
Ave:	63	41	56	38					11		

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SAIDU SHARIF - 1972

Location	Latitude 34°45', Longitude 72°22', in the Premises of Central Hospital Saidu Sharif.
Elevation	3,200± ft.msl.
Period of record	December 1962 to date, station established by Surface Water Hydrology Project WAPDA.
Instruments	5" Non-Recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature Thermometer. Maximum and minimum Pan water temperature thermometer. Wet and dry bulb thermometers. U.S.Weather Bureau Standard Evaporation pan. Anemometer.
Annual Figures	Precipitation 36.45 inches Evaporation (Pan) 60.74 inches Absolute maximum air temperature 103°F Absolute minimum air temperature 29°F
Remark	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

SAIDU SHARIF

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	59	44	50	43	37	41	71	58	22	0.05	-
2	64	40	58	40	32	32	68	45	35	0.10	-
3	62	34	57	35	30	32	74	45	27	0.08	-
4	60	36	55	37	29	34	66	54	33	0.08	-
5	62	33	55	57	27	33	65	49	27	0.11	-
6	63	29	56	35	23	36	62	64	22	0.10	-
7	56	29	52	34	22	36	61	64	22	0.07	-
8	56	31	51	34	27	37	80	65	21	0.07	-
9	59	30	52	34	29	34	80	54	13	0.07	-
10	62	29	54	34	27	34	80	54	16	0.07	-
11	61	30	53	36	28	34	89	50	10	0.05	-
12	62	31	54	34	27	33	72	49	22	0.08	-
13			54	37	32	37	62	60	18	0.08	-
14	56	37	49	41	37	37	100	60	12	0.02	0.19
15	58	37	59	40	38	47	91	93	21	0.06	-
16	56	40	53	41	37	43	84	85	9	0.03	-
17	56	39	55	41	37	33	84	49	16	0.06	-
18	62	40	59	43	39	43	91	92	16	0.07	-
19	55	41	49	42	21	43	87	92	18	0.03	0.21
20			52	44	46	45	100	93	22	0.01	0.08
21	48	34	48	34	36	42	100	100	16	0.01*	0.90
22	49	34	48	35	36	41	100	79	14	0.01*	1.30
23	55	36	55	36	39	41	91	85	34	0.05	-
24	51	41	55	40	37	37	77	60	35	0.04	-
25	59	38	55	36	35	35	76	55	18	0.06	-
26	58	37	55	37	37	37	84	60	19	0.06	-
27	58	38	54	37	36	35	76	59	15	0.05	-
28	56	39	51	39	37	38	84	61	13	0.05	-
29	58	38	55	37	39	34	84	54	13	0.06	-
30	54	36	51	35	38	47	91	93	25	0.04	-
31	51	34	51	35	36	48	100	100	30	0.02	0.42
Tot:										1.74	3.10
Ave:			53	38					20		

* Estimated evaporation.

SAIDU SHARIF

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	50	34	50	34	37	36	100	70	32	0.01	0.49
2	49	35	50	34	34	34	82	54	10	0.01	0.51
3	59	36	61	39	37	37	91	65	13	0.04	-
4	54	32	57	37	31	36	90	64	25	0.04	-
5	54	32	56	36	30	33	80	53	30	0.05	-
6	56	33	58	37	27	36	72	64	18	0.06	-
7	53	32	57	37	28	39	73	67	17	0.04	-
8	56	36	57	36	29	35	73	47	35	0.07	-
9	60	36	60	35	25	39	57	57	37	0.08	-
10	62	38	58	37	33	38	63	57	24	0.10	-
11	59	44	54	41	38	35	77	59	33	0.09	-
12	50	36	47	39	39	41	100	85	30	0.04	1.08
13	50	35	50	36	29	37	73	77	26	0.02	-
14	52	32	52	37	34	37	100	84	30	0.03	-
15	46	32	48	36	30	37	90	65	20	0.03	-
16	52	33	57	34	27	33	72	53	42	0.08	-
17	56	35	59	35	25	34	63	54	35	0.10	-
18	56	34	58	34	29	42	73	68	49	0.11	-
19	59	37	61	37	31	41	61	54	36	0.12	-
20	62	40	63	37	30	44	56	61	41	0.13	-
21	65	44	64	40	45	43	93	100	42	0.13	0.04
22	48	43	49	43	43	43	92	92	27	0.04	0.81
23	48	42	46	43	43	44	100	85	26	0.00	0.43
24	52	43	49	43	35	45	69	93	25	0.03	0.69
25	50	40	54	41	36	46	83	86	29	0.06	-
26	54	33	58	38	32	46	81	80	32	0.09	-
27	56	37	52	37	31	39	67	51	35	0.11	-
28	58	38	63	39	36	39	83	57	23	0.11	-
29	60	36	64	37	30	38	66	49	35	0.12	-
Tot:										1.94	4.05
Ave:	55	36	56	38					30		

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	64	39	64	39	27	40	54	47	37	0.13	-
2	66	40	66	40	32	38	57	43	30	0.14	-
3	69	40	70	40	33	40	63	44	33	0.14	-
4	70	38	70	41	28	43	50	68	30	0.11	0.11
5	56	44	57	48	46	47	100	70	17	0.04	-
6	60	46	63	49	42	45	73	69	20	0.06	-
7	64	45	67	45	43	50	85	76	29	0.11	0.15
8	62	42	63	45	40	46	92	80	15	0.04	0.65
9	56	40	62	42	37	43	77	52	21	0.04	-
10	66	42	71	43	37	45	65	57	36	0.14	-
11	62	45	62	49	41	50	58	76	21	0.10	-
12	60	42	60	43	42	48	92	87	20	0.05	0.40
13	56	44	57	45	38	48	77	52	22	0.01	1.85
14	68	45	73	42	35	52	59	64	44	0.15	-
15	68	49	71	46	34	45	43	61	28	0.14	-
16	64	44	60	47	39	49	67	53	24	0.07	-
17	71	48	75	47	42	44	68	44	38	0.16	-
18	72	49	78	49	38	44	57	44	24	0.19	-
19	71	50	69	49	45	51	80	93	37	0.13	0.10
20	56	47	57	48	49	51	93	60	11	0.05	0.04
21	68	46	71	49	44	44	74	44	36	0.12	-
22	72	46	76	49	41	47	63	40	24	0.20	-
23	75	51	79	50	44	42	69	31	34	0.22	-
24	80	53	80	51	42	43	55	32	36	0.23	-
25	80	57	79	53	45	44	50	37	25	0.19	-
26	77	52	78	52	45	42	69	36	26	0.15	0.50
27	75	52	75	55	50	59	76	59	32	0.16	0.21
28	74	56	79	55	49	53	71	78	29	0.13	-
29	70	52	67	52	49	55	76	59	27	0.04	0.11
30	74	50	80	57	48	53	63	48	42	0.22	-
31	76	50	82	51	41	52	51	45	35	0.26	-
Tot:										3.92	3.32
Ave:	68	47	70	47					28		

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	50	80	51	37	54	42	49	35	0.24	-
2	76	50	77	50	38	53	46	52	30	0.21	-
3	75	48	75	49	42	48	55	59	33	0.20	-
4	70	50	69	52	48	49	93	100	25	0.11	0.35
5	52	46	53	47	48	54	93	73	13	0.03	0.85
6	70	48	76	48	46	51	75	51	20	0.14	-
7	74	52	80	53	50	50	87	47	22	0.17	0.30
8	74	52	78	53	47	51	75	48	23	0.14	-
9	75	51	77	52	46	48	75	47	20	0.15	-
10	74	51	79	53	47	51	75	51	24	0.15	-
11	75	50	80	54	48	49	66	41	26	0.16	-
12	78	52	82	55	47	42	62	26	22	0.19	-
13	82	53	85	55	44	63	49	59	25	0.24	-
14	82	53	86	55	44	48	49	41	34	0.24	-
15	84	56	86	56	54	57	83	89	26	0.23	0.06
16	66	54	66	55	54	58	94	71	19	0.05	0.54
17	71	51	75	54	48	56	66	59	14	0.07	-
18	76	52	78	52	48	57	66	60	20	0.15	0.03
19	76	51	78	53	47	54	65	65	17	0.13	-
20	73	50	78	53	47	53	75	58	21	0.13	0.10
21	74	50	79	55	43	53	56	48	13	0.14	-
22	77	51	83	55	47	50	58	39	18	0.19	-
23	80	56	84	57	47	44	55	29	19	0.21	-
24	83	54	86	56	49	45	55	28	20	0.24	-
25	84	55	87	59	49	48	53	30	20	0.25	-
26	87	59	90	61	47	49	46	33	21	0.27	-
27	84	62	87	61	54	57	69	66	23	0.20	-
28	72	55	77	56	53	51	94	77	17	0.03	0.78
29	62	50	61	51	53	59	83	79	15	0.02	1.02
30	76	56	76	57	53	60	83	84	13	0.14	-
Tot:										4.82	4.03
Ave:	75	52	78	54					22		

SAIDU SHARIF

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	70	54	75	56	50	61	76	84	12	0.11	-
2	72	52	76	54	51	51	77	68	10	0.10	-
3	78	53	81	55	57	54	70	47	13	0.19	0.16
4	80	56	85	59	50	54	53	55	13	0.21	-
5	76	58	78	61	56	61	94	89	14	0.10	-
6	76	58	76	59	56	57	88	63	20	0.11	0.43
7	76	58	79	59	57	57	79	60	13	0.13	-
8	81	59	85	62	57	64	74	65	14	0.19	0.23
9	81	63	86	63	53	61	61	55	16	0.20	-
10	82	60	84	60	55	59	65	57	17	0.20	-
11	80	62	79	61	53	55	58	37	13	0.14	-
12	88	62	91	62	55	61	56	46	14	0.22	-
13	90	61	94	63	56	63	66	48	26	0.26	0.12
14	91	62	92	62	55	59	59	49	20	0.24	0.40
15	85	60	88	62	53	63	55	51	16	0.17	-
16	88	59	92	61	56	60	59	43	18	0.23	-
17	89	62	92	62	55	53	56	31	20	0.25	-
18	92	62	92	63	49	55	41	32	17	0.26	-
19	92	62	93	63	47	52	36	27	16	0.28	-
20	94	52	95	63	47	52	34	27	16	0.32	-
21	95	65	95	65	52	57	43	38	16	0.33	-
22	96	66	95	65	55	59	62	49	24	0.26	-
23	88	62	88	63	59	55	57	37	20	0.23	0.30
24	88	64	89	64	59	57	57	41	15	0.25	-
25	86	66	88	63	51	55	48	37	15	0.24	0.08
26	88	61	88	62	53	51	58	33	17	0.25	-
27	88	82	91	62	47	43	46	24	22	0.30	-
28	87	60	91	59	49	48	50	30	22	0.32	-
29	88	62	93	60	47	35	38	15	16	0.35	-
30	90	64	94	61	47	38	34	15	18	0.35	-
31	94	65	96	65	43	44	27	18	9	0.30	-
Tot:										7.09	1.72
Ave:	85	61	88	61					17		

SAIDU SHARIF

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	67	96	66	50	46	34	19	17	0.35	-
2	99	74	97	69	49	52	33	34	20	0.39	-
3	94	67	94	65	55	47	49	22	31	0.32	-
4	93	70	97	65	56	49	59	26	11	0.34	0.05
5	90	60	94	64	57	49	63	29	12	0.28	-
6	87	62	92	71	48	44	35	20	18	0.32	-
7	92	64	96	65	55	47	56	23	12	0.35	-
8	91	65	95	60	52	47	43	23	17	0.37	-
9	94	62	95	63	58	47	54	22	18	0.38	-
10	96	64	94	64	51	50	36	24	26	0.42	-
11	96	65	96	65	50	42	34	17	15	0.41	-
12	95	64	96	65	47		29		17	0.42	-
13	98	72	97	67	61	24	53	7	27	0.44	-
14	98	72	96	68	49	37	29	12	21	0.43	-
15	100	72	98	64	53	36	36	10	20	0.44	-
16	103	70	98	66	53	35	36	10	23	0.45	-
17	102	71	97	66	43	55	23	21	19	0.44	-
18	103	71	99	67	50	35	31	10	13	0.45	-
19	101	67	99	66	52	43	35	15	21	0.44	-
20	100	64	96	68	59	47	47	18	17	0.42	-
21	99	70	96	70	60	62	47	33	21	0.42	-
22	98	70	92	71	65	66	60	44	17	0.35	0.15
23	94	72	94	73	71	67	75	42	17	0.30	-
24	96	74	96	73	70	65	68	38	12	0.35	-
25	98	74	98	74	74	66	69	40	29	0.37	-
26	98	72	98	70	68	73	67	62	36	0.38	-
27	94	68	96	69	69	73	78	60	19	0.32	0.60
28	92	65	97	69	65	71	100	71	16	0.30	0.07
29	82	65	83	69	69	70	82	54	8	0.09	0.21
30	92	73	98	73	66	73	73	83	14	0.30	-
Tot:										11.04	1.08
Ave:	96	68	96	68					19		

SAIDU SHARIF

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	81	68	82	66	66	76	81	57	12	0.12	0.36
2	94	64	100	71	72	78	71	59	10	0.22	-
3	95	74	101	76	77	75	80	56	12	0.24	-
4	96	72	100	74	70	78	71	62	16	0.30	-
5	96	64	101	70	69	71	95	65	16	0.32	0.47
6	88	62	96	67	64	68	81	64	18	0.31	0.65
7	84	65	88	69	63	74	65	63	11	0.27	-
8	90	66	94	70	72	79	83	70	8	0.29	-
9	92	72	96	74	73	74	75	63	21	0.31	0.08
10	90	70	96	74	70	79	71	70	16	0.24	-
11	92	68	97	72	71	79	95	84	19	0.28	0.27
12	88	66			71	78	91	80	14	0.27	0.22
13	88	70	94	72	73	79	79	74	14	0.27	-
14	92	72	97	74	75	83	83	74	9	0.28	-
15	95	73	101	75	77		83		11	0.31	-
16	96	73	101	75	76	84	83	75	18	0.32	-
17	96	70	102	72	71	81	95	92	15	0.34	0.39
18	86	67	91	70	74	69	95	95	10	0.13	0.30
19	87	65	94	68	69	79	90	84	13	0.20	0.55
20	90	62	98	66	68	81	90	92	14	0.30	0.55
21	88	66	96	68	72	82	86	84	13	0.27	-
22	90	68	97	69	73	81	83	65	7	0.26	-
23	94	70	102	73	74	83	83	74	5	0.30	-
24	96	72	103	74	73	83	75	74	12	0.32	-
25	96	70	102	74	74	76	83	76	10	0.31	-
26	93	70	98	72	74	75	87	69	6	0.21	-
27	92	68	100	70	75	79	87	65	11	0.28	-
28	96	68	100	69	76	81	87	65	11	0.31	-
29	96	68	100	70	74	76	87	79	14	0.35	0.55
30	87	66	91	68	69	76	86	76	16	0.21	0.21
31	90	68	95	69	70	83	90	88	13	0.22	0.17
Tot:										8.36	4.77
Ave:	91	68							13		

SAIDU SHARIF

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	68	100	69	75	87	87	88	3	0.26	-
2	94	70	101	74	77	84	87	81	4	0.27	-
3	94	73	101	75	77	82	87	71	3	0.25	-
4	97	75	102	78	77	82	91	71	2	0.27	-
5	98	76	101	76	78	80	91	71	2	0.29	-
6	93	75	98	78	77	78	100	91	11	0.25	-
7	82	67	88	72	70	80	100	92	9	0.08	1.70
8	86	69	90	72	74	79	95	96	10	0.25	0.30
9	87	65	100	68	69	76	86	76	11	0.08*	2.10
10	86	65	94	69	69	79	86	76	10	0.22	-
11	90	66	100	71	69	80	82	77	5	0.25	-
12	90	68	100	72	72	82	91	84	5	0.24	-
13	90	67	96	70	70	78	90	87	8	0.28	0.70
14	88	66	96	70	71	76	95	76	10	0.20	-
15	87	66	94	71	71	76	95	76	4	0.16	-
16	88	67	96	72	69	80	82	77	4	0.22	-
17	92	64	98	68	68	75	90	79	2	0.25	0.38
18	86	68	92	72	71	79	91	84	9	0.23	-
19	88	70	97	75	70	79	78	84	11	0.24	-
20	87	66	96	70	69	78	90	80	11	0.26	-
21	89	68	97	72	69	79	86	76	6	0.23	-
22	91	62	99	70	67	78	85	76	5	0.21	-
23	90	67	97	71	67	77	81	80	6	0.20	-
24	89	64	92	68	68	79	90	84	7	0.21	0.06
25	88	63	92	68	69	78	90	80	4	0.20	0.27
26	90	65	94	68	67	79	90	84	5	0.28	-
27	90	64	95	69	69	79	86	80	4	0.21	-
28	90	65	96	70	69	79	90	84	5	0.21	-
29	89	69	95	72	72	75	100	91	6	0.17	0.05
30	80	70	83	73	71	75	95	91	1	0.12	0.14
31	84	65	87	70	69	79	95	80	1	0.11	0.06
Tot:										6.62	5.76
Ave:	89	67	96	71					6		

* Estimated evaporation.

SAIDU SHARIF

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	63	98	69	67	77	85	73	5	0.22	-
2	90	66	95	71	71	78	86	73	6	0.20	-
3	94	68	99	72	67	79	81	67	5	0.21	-
4	94	68	101	73	69	81	90	74	3	0.21	-
5	93	67	100	71	70	79	90	70	3	0.20	-
6	94	65	100	72	71	78	95	73	4	0.22	-
7	92	68	97	72	69	74	86	63	6	0.20	-
8	93	70	97	75	74	72	91	71	4	0.20	-
9	92	66	96	70	71	75	95	83	8	0.25	0.15
10	90	67	95	71	69	73	90	79	10	0.20	-
11	88	65	94	70	68	72	90	83	11	0.19	-
12	86	64	92	69	65	73	85	68	9	0.18	0.05
13	88	63	92	66	68	75	90	69	14	0.21	-
14	90	66	94	69	69	73	82	66	9	0.20	-
15	90	67	95	71	69	77	82	73	8	0.21	-
16	92	70	96	73	71	79	86	76	10	0.23	0.11
17	91	61	96	66	64	79	81	84	13	0.22	0.17
18	88	60	92	65	62	63	76	69	7	0.20	-
19	82	56				57		89	16	0.17	0.47
20	65	55			56	60	94	75	7	0.09*	1.29
21	80	52	81	55	57	62	94	76	7	0.13	-
22	82	56	84	59	57	63	89	65	7	0.17	-
23	82	51	85	55	56	61	88	53	11	0.18	-
24	86	54	87	56	57	59	74	45	10	0.19	-
25	87	53	87	55	57	61	74	46	9	0.20	-
26	85	56	87	56	57	59	79	45	11	0.19	-
27	86	55	86	58	59	60	79	47	9	0.19	-
28	86	54	86	57	60	57	84	46	10	0.20	-
29	86	56	86	59	60	58	84	49	10	0.19	-
30	86	60	86	59	63	63	89	59	19	0.20	-
Tot:										5.85	2.24
Ave:	88	61							9		

* Estimated evaporation.

SAIDU SHARIF

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	83	56	85	59	63	63	95	56	11	0.18	-
2	84	57	58	59	65	63	95	95	12	0.19	-
3	86	56	87	59	62	64	95	81	24	0.20	0.08
4	76	53	76	55	59	73	89	86	6	0.13	-
5	83	54	85	55	60	69	89	82	7	0.17	-
6	83	56	81	55	57	71	83	86	12	0.18	-
7	84	52	84	55	57	71	89	91	17	0.19	0.06
8	81	55	81	55	57	70	89	82	11	0.16	-
9	82	57	83	58	59	72	94	86	9	0.17	-
10	84	58	85	58	61	66	89	66	20	0.19	-
11	85	55	84	55	60	69	89	70	16	0.19	-
12	88	56	84	54	60	63	84	62	19	0.20	-
13	86	56	82	53	60	61	84	58	25	0.20	-
14	86	56	82	55	59	66	79	66	19	0.19	-
15	86	60	81	56	60	64	94	65	24	0.21	-
16	84	58	81	56	60	67	100	85	28	0.18	0.20
17	79	57	79	57	59	60	89	89	22	0.16	-
18	74	50	75	50	51	61	93	89	16	0.13	0.25
19	75	48	75	49	50	58	87	83	17	0.14	0.15
20	74	54	76	55	50	50	67	71	17	0.12	-
21	72	50	68	50	52	56	94	94	36	0.09	0.40
22	64	46	64	48	48	51	87	68	11	0.12	0.60
23	69	46	69	48	47	47	81	55	12	0.08	-
24	72	49	75	50	49	49	76	55	19	0.14	-
25	74	50	74	49	44	48	64	52	20	0.16	-
26	77	49	74	47	43	45	64	47	20	0.14	-
27	77	47	74	46	43	47	64	55	20	0.15	-
28	77	45	73	46	42	49	63	55	17	0.13	-
29	78	42	74	45	41	45	63	50	12	0.13	-
30	74	44	71	46	48	45	87	53	14	0.12	-
31	74	44	70	47	45	47	80	58	16	0.12	-
Tot:										4.86	1.74
Ave:	79	52	78	53					17		

SAIDU SHARIF

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	75	45	70	47	46	45	86	53	8	0.10	-
2	72	48	69	48	46	47	75	55	15	0.10	-
3	74	44	71	46	45	49	69	55	24	0.13	-
4	77	44	72	46	44	47	64	55	13	0.15	-
5	78	45	72	47	46	49	75	55	14	0.15	-
6	80	46	72	47	47	52	86	64	10	0.15	-
7	78	47	72	49	47	49	81	59	7	0.14	-
8											
9	79	50	73	50	45	51	69	60	13+	0.25+	-
10	78	50	72	48	46	49	75	59	9	0.13	-
11	78	46	73	45	38	55	53	69	10	0.14	-
12	79	45	73	47	46	57	75	74	10	0.14	-
13	74	46	70	47	45	57	69	79	19	0.10	-
14	74	46	70	47	46	51	75	64	12	0.10	-
15	74	44	69	44	43	49	74	63	34	0.13	-
16	75	42	68	43	42	45	73	53	18	0.13	-
17	72	40	66	42	41	45	85	53	23	0.12	-
18	72	42	65	42	39	42	78	49	19	0.11	-
19	74	39	65	41	39	49	84	71	20	0.13	-
20	72	40	64	41	39	48	78	66	14	0.12	-
21	74	43	64	43	44	51	92	93	12	0.12	-
22	59	46	52	45	48	50	100	100	28	0.05	0.45
23	58	47	53	47	47	49	100	100	5	0.02	0.55
24	52	45	52	45	47	48	100	93	6	0.04	0.25
25	57	46	55	45	47	51	100	93	6	0.02	0.20
26	60	44	58	44	40	45	84	69	19	0.04	-
27	62	42	62	42	39	44	84	74	17	0.05	-
28	63	37	62	39	36	44	91	74	10	0.06	-
29	64	36	61	38	34	45	75	80	12	0.07	-
30	64	38	60	38	36	46	76	80	19	0.07	-
Tot:										3.06	1.45
Ave:									14		

+ 2 days observation.

SAIDU SHARIF

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	64	38	60	39	36	47	91	81	17	0.09	-
2	62	38	64	41	39	52	91	87	7	0.08	-
3	65	38	63	40	36	49	91	81	6	0.07	-
4					41	50	92	87	6	0.06	-
5	61	38			37	43	91	68	3	0.04	-
6	64	36			31	43	81	68	7	0.06	-
7	64	37			37	44	91	74	14	0.08	-
8					41	41	85	67	10	0.05	-
9	54	39			41	44	85	80	12	0.02	-
10	54	44			44	43	100	85	19	0.02	0.09
11	50	35			33	44	90	80	10	0.02	0.05
12	57	35			33	41	90	67	15	0.04	-
13	59	34			29	37	80	56	12	0.09	-
14	60	33			30	43	90	74	11	0.08	-
15	61	33			30	42	82	79	9	0.08	-
16	55	38			43	43	85	92	10	0.03	-
17	48	43			41	49	92	100	5	0.01*	0.28
18	52	43			43	47	92	86	8	0.03*	0.03
19	55	45			45	48	100	87	12	0.02*	0.16
20	60	43			42	47	92	86	14	0.06	-
21	56	41			39	46	91	80	12	0.07	-
22	58	41			41	42	92	82	16	0.05	-
23	53	36			36	41	91	79	15	0.01*	0.20
24	55	38			40	41	92	92	18	0.07	-
25	45	38			40	41	100	85	8	0.01*	0.18
26	49	38			39	35	100	100	20	0.02*	0.11
27	40	36			37	42	91	85	35	0.01	2.05
28	48	38			38	43	91	100	14	0.02	-
29	48	35			32	34	81	63	14	0.01	0.04
30	56	35			33	41	82	79	23	0.08	-
31	56	32			29	42	89	79	12	0.06	-
Tot:										1.44	3.19
Ave:									13		

* Estimated evaporation.

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SAKRAND - 1972

Location	Latitude 26°87', Longitude 68°17', nearly ½ mile from Sakrand Town Towards Hyderabad on National Highway.
Elevation	
Period of record	The station was established at Pai Forest by the Project Director, Project Planning, Southern Zone (old L.I.P) on 24.9.1964 and taken over by Surface Water Hydrology Project in December 65. The station was shifted to its present location in March 1967.
Instruments	5" Non-Recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau standard evaporation Pan. Anemometer.
Annual figures	Precipitation 1.40 inches Evaporation (Pan) 132.79 inches Absolute maximum air temperature Incomplete Absolute minimum air temperature 33°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of Precipitation, Pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry bulb temperatures observed twice a day at 0800 and 1700 hours on the data shown. Blank space indicates no record. (-) Indicates no precipitation.

SAKRAND

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	79	50			47	58	80	59	27	0.16	-
2	76	44			41	61	84	67	17	0.16	-
3	75	45			44	61	85	67	10	0.17	-
4	78	46			45	57	85	62	11	0.16	-
5	74	43			39	60	84	67	12	0.13	-
6	73	40			36	60	63	63	12	0.13	-
7	72	40			36	61	82	67	12	0.12	-
8	71	38			39	62	91	71	17	0.14	-
9	75	42			41	62	71	64	18	0.13	-
10	75	41			38	62	83	64	14	0.13	-
11	76	40			39	63	77	72	11	0.13	-
12	75	42			41	57	84	65	9	0.13	-
13	73	46			44	61	85	60	10	0.13	-
14	80	44			40	61	77	75	16	0.12	-
15	72	42			41	60	92	60	15	0.12	-
16	74	44			41	61	84	60	11	0.12	-
17	76	47			44	61	85	67	15	0.12	-
18	74	49			47	63	86	68	30	0.14	-
19	77	51			49	60	80	60	23	0.15	-
20	78	52			50	52	81	81	21	0.15	-
21	79	53			53	52	87	81	22	0.16	-
22	79	53			52	52	81	81	21	0.17	-
23	78	53			52	51	81	81	26	0.17	-
24	79	54			54	52	88	81	15	0.18	-
25	78	53			54	53	88	76	21	0.20	-
26	78	52			53	52	87	81	22	0.19	-
27	79	53			54	50	88	76	21	0.18	-
28	78	53			52	52	81	71	22	0.20	-
29	80	56			56	52	82	71	21	0.21	-
30	80	55			56	51	82	66	21	0.21	-
31	79	55			55	51	82	71	22	0.20	-
Tot:										4.81	0.00
Ave:	76	48							18		

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	80	56			56	48	82	70	21	0.20	-
2	75	55			54	55	88	77	28	0.18	-
3	63	41			40	59	84	70	10	0.10	-
4	71	43			43	55	85	69	12	0.15	-
5	68	40			39	53	84	76	21	0.17	-
6	68	33			37	52	91	89	18	0.16	-
7	70	40			37	54	83	88	17	0.17	-
8	70	42			38		76		28	0.16	-
9	68	40			37	52	83	81	28	0.18	-
10	70	41			38	51	76	71	28	0.20	-
11	68	41			39	53	77	82	37	0.18	-
12	70	41			38	51	76	71	28	0.20	-
13	68	42			40	49	84	51	48	0.18	-
14	70	40			38	49	83	51	10	0.18	-
15	71	42			43	48	85	50	28	0.18	-
16	68	40			38	49	76	51	31	0.17	-
17	68	42			41	56	77	61	20	0.18	-
18	72	40			38	60	83	60	18	0.17	-
19	75	41			43	67	85	73	14	0.17	-
20	78	45			44	67	85	77	19	0.20	-
21	83	45			45	67	85	77	13	0.21	-
22	82	45			43	67	78	81	32	0.21	-
23	80	42			41	62	77	75	34	0.20	-
24	79	43			41	66	77	85	24	0.20	-
25	78	43			44	65	85	80	15	0.21	-
26	80	45			43	66	78	80	25	0.22	-
27	78	44			43	65	78	76	32	0.22	-
28	78	43			42	64	78	76	27	0.24	-
29	75	41			41	61	77	60	18	0.20	-
Tot:										5.39	0.00
Ave:	73	43							24		

SAKRAND

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	41			39	64	84	59	19	0.20	-
2	82	46			42	71	62	67	20	0.21	-
3	85	50			47	68	80	52	19	0.22	-
4	90	54			53	67	87	60	21	0.24	-
5	84	48			47	71	86	67	25	0.27	-
6	84	52			48	73	80	62	15	0.26	-
7	87	53			55	77	82	67	18	0.24	-
8	91	58			57	76	83	72	27	0.25	-
9	88	58			57	65	88	51	16	0.23	-
10	86	61			59	66	83	51	23	0.20	-
11	88	63			60	77	79	72	24	0.22	-
12	80	61			59	64	83	48	40	0.23	-
13	84	60			58	65	83	51	45	0.27	-
14	86	54			53	73	76	62	18	0.25	-
15	88	57			57	73	69	62	18	0.25	-
16	96	66			61	76	67	60	30	0.30	-
17	94	64			63	76	75	63	21	0.30	-
18	94	64			60	73	79	50	17	0.29	-
19	99	67			64	77	76	56	32	0.36	-
20	99	66			61	67	67	43	72	0.43	-
21	95	61			60	69	79	46	39	0.36	-
22	94	60			58	70	78	44	20	0.30	-
23	95	60			56	71	73	49	30	0.29	-
24	96	61			59	70	79	44	31	0.31	-
25	96	61			59	73	74	48	30	0.30	-
26	96	60			56	70	73	44	30	0.30	-
27	97	62			59	72	74	43	30	0.31	-
28	98	62			59	71	74	45	32	0.30	-
29	97	61			58	72	70	43	29	0.31	-
30	98	62			60	72	79	43	34	0.30	-
31	98	58			57	73	74	48	29	0.30	-
Tot:										8.30	0.80
Ave:	91	58							28		

SAKRAND

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	98	58			53	73	60	48	19	0.35	-
2	98	62			59	76	74	47	42	0.40	-
3	103	67			68	65	73	30	43	0.42	-
4	104	75			73	68	78	38	50	0.46	-
5	98	65			60	68	63	38	42	0.44	-
6	98	64			63	71	80	39	29	0.38	-
7	100	61			63	71	84	41	28	0.40	-
8	99	66			63	69	80	46	36	0.41	-
9	93	65			60	65	67	41	37	0.42	-
10	93	63			63	70	68	41	26	0.41	-
11	99	62			48	73	33	40	34	0.40	-
12	102	62			50	88	39	59	26	0.42	-
13	106	69			64	76	65	38	43	0.45	-
14	109	69			62	84	55	60	38	0.46	-
15	106	70			64		59		88	0.52	-
16	102	70			65	67	65	34	77	0.50	-
17	103	70			67	66	66	36	30	0.48	-
18	105	71			66	73	56	59	50	0.51	-
19	104	72			67	68	54	52	61	0.50	-
20	106	73			70	66	61	39	32	0.52	-
21	107	74			70	71	55	49	20	0.46	-
22	106	73			68	75	50	49	82	0.51	-
23	108	75			69	76	50	51	20	0.51	-
24	107	75			71	74	56	48	33	0.50	-
25	108	75			71	75	56	49	50	0.55	-
26	107	75			70	75	55	46	87	0.58	-
27	108	75			72	74	59	46	90	0.61	-
28	109	78			75	79	60	48	80	0.62	-
29	102	67			63	78	64	42	24	0.45	-
30					65	77	65	42	25	0.50	-
Tot:										14.14	0.00
Ave:									45		

SAKRANC

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	73			70	71	74	39	27	0.48	-
2	102	69			70	77	81	42	28	0.46	-
3	105	72			69	78	70	39	41	0.46	-
4	108	72			69	55	70	18	68	0.58	-
5	108	74			72	61	74	22	83	0.60	-
6					74	56	78	20	94	0.55	-
7	106	73			71	63	70	24	98	0.68	-
8					69	72	70	31	35	0.50	-
9	110	78			71	75	61	35	41	0.50	-
10	110	72			71	81	78	43	58	0.57	-
11	109	75			74	87	78	47	29	0.45	-
12	112	80			79	85	83	46	45	0.50	-
13	115	82			84	89	88	46	42	0.50	-
14					77	88	87	53	37	0.50	-
15	109	77			76	86	83	50	40	0.50	-
16	109	78			78	85	79	46	40	0.48	-
17	110	80			80	86	80	47	40	0.50	-
18	111	80			86	85	80	40	40	0.51	-
19					81	84	84	41	20	0.50	-
20	111	81			84	83	88	35	28	0.55	-
21					79	83	70	44	84	0.55	-
22	112	80			76	82	63	44	133	0.79	-
23	109	83			82	78	77	39	105	0.60	-
24					77	79	72	39	66	0.55	-
25	109	72			66	68	51	31	38	0.55	-
26	106	64			55	78	43	41	26	0.47	-
27	107	65			55	68	39	29	23	0.48	-
28					67	71	63	30	25	0.48	-
29					74	64	68	25	42	0.50	-
30					79	71	83	30	51	0.47	-
31					76	73	66	32	58	0.55	-
Tot:										16.37	0.00
Ave:									51		

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June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1					77	72	76	31	81	0.60	-
2					79	66	76	27	85	0.55	-
3					80	91	76	56	90	0.58	-
4					69	91	67	56	60	0.50	-
5					69	70	67	29	60	0.49	-
6					67	68	60	29	60	0.50	-
7					68	74	63	31	60	0.53	-
8					70	88	67	51	58	0.52	-
9					68	70	63	29	60	0.58	-
10					70	90	61	52	60	0.61	-
11					70	68	61	29	37	0.60	-
12					81	89	84	50	119	0.55	-
13					80	76	80	37	131	0.58	-
14	108	80			79	73	76	36	137	0.65	-
15					79	73	73	34	127	0.67	-
16	110	81			79	76	73	37	131	0.65	-
17	108	81			81	77	77	33	123	0.64	-
18	113	83							100	0.66	-
19	116	81							109	0.66	-
20	114	83							90	0.68	-
21	113	82							85	0.66	-
22	114	83							90	0.65	-
23	113	81							85	0.67	-
24	114	82							90	0.68	-
25									138	0.65	-
26	109	82							83	0.66	-
27	108	81							60	0.61	-
28	107	80							55	0.55	-
29	106	80							50	0.53	-
30	105	79							48	0.42	0.30
Tot:										17.88	0.30
Ave:									85		

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July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	108	80			77	85	67	54	49	0.63	-
2	105	78			84	77	92	63	56	0.56	0.76
3	98	80			83	81	92	59	29	0.23	0.13
4	98	80			77	87	69	69	108	0.48	-
5	99	80			79		70		92	0.60	-
6						90		67		0.57*	-
7					79	80	73	62	158+	0.55	-
8	104	82			83	77	84	42	53	0.42	-
9	106	79			77	75	69	41	56	0.51	-
10	105	80			79	80	70	57	64	0.47	-
11	100	83			83	81	81	49	92	0.49	-
12					79	81	67	49	93	0.55	-
13	108	84			83	80	81	45	99	0.56	-
14	108	82			81	76	77	43	95	0.57	-
15	106	81			81	82	84	47	110	0.55	-
16	108	82			82	85	77	54	92	0.51	-
17	108	80			78	80	73	47	111	0.53	-
18	112	80			77	84	69	48	96	0.55	-
19	112	79			77	74	72	37	96	0.55	-
20	108	80			80	72	80	40	105	0.57	-
21	104	79			77	73	72	40	120	0.58	-
22	105	79			77	76	69	43	100	0.57	-
23	105	78			77	73	72	40	112	0.55	-
24	105	80			78	76	73	41	101	0.53	-
25	108	81			80	77	80	42	100	0.54	-
26	106	77			75	83	72	58	91	0.52	-
27	102	80			79	81	76	45	119	0.55	-
28	110	80			77	69	72	34	78	0.61	-
29	106	80			79	70	80	36	130	0.61	-
30	105	81			80	75	80	38	119	0.60	-
31	110	80			79	76	76	45	87	0.61	-
Tot:										16.72	0.89
Ave:									94		

* Estimated evaporation.
\+ 2 days observation

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August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	81			79	78	80	52	98	0.56	-
2	102	80			78	83	79	53	93	0 50	-
3	104	81			80	85	80	58	97	0.57	-
4	105	80			79	79	80	48	115	0.63	-
5	104	81			79	80	80	57	110	0.53	-
6	102	81			79	82	80	53	100	0.52	-
7	104	81			80	80	80	50	80	0.46	-
8	105	80			79	86	83	61	71	0.51	-
9	104	81			81	88	84	64	69	0.45	-
10	104	78			78	86	79	59	58	0.47	-
11	104	76			76	76	83	43	60	0.51	-
12	104	77			76	79	79	52	76	0.51	-
13	102	78			79	81	87	55	83	0.46	-
14	104	76			77	75	87	49	76	0.50	-
15	100	78			77	83	83	56	46	0.40	-
16	104	81			79	87	80	62	27	0.51	-
17	104	78			79	82	87	55	54	0.53	-
18	103	76			77	87	87	64	72	0.55	-
19	102	80			79	86	83	59	50	0.46	-
20	104	80			79	74	80	44	36	0.41	-
21	103	80			79	74	80	42	32	0.49	-
22	104	79			79	77	83	47	35	0.48	-
23	104	80			79	79	83	50	58	0.47	-
24	105	78			79	76	87	47	71	0.45	-
25	105	79			80	74	91	44	69	0.49	-
26	105	78			79	72	87	43	67	0.46	-
27	102	76			75	61	83	26	51	0.41	-
28	104	71			68	59	66	24	29	0.42	-
29	105	67			70	69	86	34	25	0.45	-
30	106	70			72	72	78	40	21	0.40	-
31	105	72			73	81	78	53	26	0.39	-
Tot:										14.95	0.00
Ave:	104	78							63		

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September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	72			74	76	87	47	34	0.38	-
2	102	76			78	77	83	45	44	0.43	-
3	105	75			77	82	87	53	74	0.41	-
4	104	76			76	80	79	50	78	0.48	-
5	106	74			75	81	83	51	64	0.46	-
6	106	75			76	82	83	60	64	0.48	-
7	102	74			74	82	78	58	74	0.52	-
8	102	76			76	82	87	68	61	0.46	-
9	97	73			74	81	86	62	96	0.48	-
10	100	72			74	82	86	60	90	0.49	-
11	102	72			74	80	83	57	70	0.48	-
12	102	73			75	81	83	49	32	0.50	-
13	106	78			79	80	80	50	22	0.45	-
14	105	79			79	81	83	51	55	0.48	-
15	104	78			78	81	79	51	52	0.49	-
16	106	79			79	83	83	56	80	0.53	-
17	106	79			79	83	83	58	64	0.56	-
18	105	77			75	77	79	47	53	0.55	-
19	102	75			74	72	78	45	24	0.53	-
20	100	72			73	76	78	51	24	0.43	-
21	100	70			69	77	81	54	21	0.36	-
22	102	70			67	76	73	53	23	0.38	-
23	100	63			62	77	75	51	22	0.39	-
24	100	62			63	77	80	48	19	0.38	-
25	102	65			66	74	69	32	16	0.37	-
26	103	66			64	64	72	39	23	0.41	-
27	104	71			71	71	74	65	52	0.45	-
28	102	68			72	82	82	59	41	0.40	-
29	101	70			71	72	82	43	27	0.35	-
30	101	69			72	82	82	58	22	0.37	-
Tot:										13.45	0.00
Ave:	103	73							47		

SAKRAND

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	103	69			70	78	81	49	20	0.34	-
2	104	72			72	77	82	56	18	0.31	-
3	101	68			71	79	86	54	27	0.32	-
4	100	68			68	80	85	57	23	0.33	-
5	102	71			68	73	70	50	33	0.37	-
6	98	68			68	70	81	44	28	0.38	-
7	98	66			66	80	80	57	19	0.33	-
8	102	66			63	75	64	43	14	0.34	-
9	105	68			66	78	69	49	32	0.40	-
10	106	64			63	79	64	50	27	0.40	-
11	105	68			65	81	65	55	23	0.41	-
12	106	67			68	80	81	57	35	0.42	-
13	103	70			70	81	86	59	15	0.31	-
14	102	64			65	75	85	50	15	0.35	-
15	103	63			64	73	68	50	16	0.37	-
16	103	65			66	86	69	72	17	0.35	-
17	101	68			67	81	77	62	15	0.30	-
18	100	63			67	79	77	52	14	0.30	-
19	101	65			63	74	72	55	14	0.28	-
20	96	64			65	81	80	65	22	0.30	-
21	96	66			65	77	85	63	22	0.28	-
22	92	60			59	79	79	73	20	0.27	-
23	89	60			60	76	84	66	18	0.24	-
24	94	60			59	66	74	47	17	0.26	-
25	91	58			59	75	74	60	23	0.25	-
26	92	60			60	68	79	52	15	0.26	-
27	90	60			58	67	78	52	31	0.28	-
28	90	58			59	67	74	52	21	0.25	-
29	90	55			54	77	68	69	16	0.23	-
30	92	55			53	78	60	69	16	0.24	-
31	93	54			55	81	69	70	24	0.25	-
Tot:										9.72	0.00
Ave:	98	64							21		

SAKRAND

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	56			55	76	69	60	10	0.24	-
2	96	57			58	78	78	67	12	0.23	-
3	93	56			56	77	73	63	15	0.22	-
4	95	56			58	78	70	64	20	0.23	-
5	100	55			57	79	69	67	12	0.22	-
6	97	55			57	78	74	64	12	0.23	-
7	98	57			59	80	74	65	16	0.25	-
8	97	56			57	79	74	64	15	0.25	-
9	97	55			56	79	73	73	13	0.26	-
10	94	50			53	77	82	69	12	0.22	-
11	92	54			56	77	88	69	12	0.20	-
12	94	56			56	76	82	72	9	0.18	-
13	88	55			55	79	77	76	13	0.19	-
14	94	59			62	82	89	77	19	0.20	-
15	94	61			65	82	89	77	17	0.20	-
16	94	57			59	79	88	72	16	0.20	-
17	95	56			56	79	73	76	12	0.20	-
18	91	57			58	74	78	65	12	0.21	-
19	90	56			56	78	88	73	11	0.18	-
20	92	58			57	78	83	73	11	0.19	-
21	94	63			60	69	79	70	25	0.21	-
22	90	57			57	72	88	78	71	0.22	-
23	82	54			55	68	82	73	16	0.20	-
24	80	52			51	67	87	73	15	0.18	-
25	78	52			53	68	87	81	15	0.19	-
26	78	49			49	68	86	77	17	0.18	-
27	81	49			49	69	80	81	15	0.18	-
28	79	49			48	70	80	81	15	0.18	-
29	79	49			49	72	86	78	13	0.19	-
30	80	50			50	73	87	78	13	0.20	-
Tot:										6.23	0.00
Ave:	90	55							14		

SAKRAND

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	81	50			49	72	86	78	12	0.18	-
2	81	50			50	73	87	78	11	0.19	-
3	83	50			50	72	87	78	14	0.17	-
4	81	50			50	68	81	77	25	0.17	-
5	79	47			49	71	93	82	17	0.18	-
6	79	47			48	73	93	82	12	0.17	-
7	82	48			48	72	86	78	9	0.17	-
8	85	52			55	69	88	81	28	0.22	-
9	78	48			46	66	85	80	21	0.19	-
10	76	44			45	63	79	75	14	0.18	-
11	72	45			43	63	78	80	17	0.17	-
12	72	44			45	63	92	72	17	0.15	-
13	74	42			43	68	92	77	15	0.16	-
14	80	45			46	64	85	72	12	0.17	-
15	75	49			51	61	87	67	14	0.13	-
16	76	53			51	59	87	66	28	0.13	-
17	73	54			54	56	88	94	32	0.13	-
18	64	54			55	62	94	89	50	0.05	0.21
19	66	53			52	68	87	85	24	0.10	-
20	73	49			50	69	93	86	15	0.17	-
21	76	51			52	69	93	86	12	0.16	-
22	78	50			50	71	93	86	16	0.13	-
23	80	51			50	70	87	86	18	0.16	-
24	80	53			58	68	94	85	13	0.14	-
25	75	53			53	65	93	89	21	0.13	-
26	70	54			56	69	94	90	16	0.16	-
27	75	49			46	59	79	79	25	0.12	-
28	67	44			41	56	84	73	46	0.16	-
29	67	37			37	50	83	62	24	0.15	-
30	67	35			35	63	90	89	25	0.18	-
31	68	36			35	59	90	74	13	0.16	-
Tot:										4.83	0.21
Ave:	75	48							20		

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SARGODHA - 1972

Location	Latitude 32°05', Longitude 72°40', in the promises of Agriculture farm Sargodha.
Elevation	600 ± ft. msl.
Period of record	January 1962 to date, station established by Surface Water Hydrology Project, WAPDA. Rainfall station of Pakistan Mateorological Services. Data available in that office.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer. Pyrheliometer.
Annual Figures	Precipitation 15.45 inches Evaporation (Pan) 95.18 inches Absolute maximum air temperature 118°F Absolute minimum air temperature 32°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Solar radiation is measured in langleys per day from midnight to midnight on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

SARGODHA

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	72	41			42	53	92	68	198	15	0.09	-
2	70	37			36	53	75	60	240	9	0.10	-
3	74	36			36	47	82	47	240	25	0.14	-
4	74	34			35	48	82	50	268	15	0.15	-
5	72	32			34	48	73	47	240	17	0.14	-
6	73	32			33	40	90	40	240	10	0.12	-
7	68	32			28	35	79	34	268	16	0.13	-
8	70	33			30	46	80	56	268	27	0.12	-
9	72	35			33	44	81	42	282	18	0.15	-
10	74	34			33	46	90	43	268	7	0.12	-
11	76	34			32	47	90	47	254	11	0.11	-
12	74	35			30	43	80	44	240	8	0.13	-
13					38	33	76	38	127	15	0.14	-
14	68	42			40	37	84	37	268	26	0.13	-
15	71	38			38	48	83	53	226	20	0.14	-
16	71	40			41	51	92	62	184	8	0.12	-
17	70	41			40	48	91	47	268	18	0.14	-
18	75	41			39	49	91	51	212	14	0.16	-
19					46	53	92	64	198	7	0.15	-
20					48	52	93	81	56	8	0.12	-
21	64	50			48	53	93	93	42	15	0.05	0.02
22	62	37			42	45	92	55	296	26	0.06	0.12
23	65	42			40	50	84	62	184	31	0.10	-
24	66	41			39	51	91	66	184	10	0.10	-
25					44	59	92	86	85	5	0.07	-
26	60	43			43		92		254	2	0.04	-
27									212			-
28									240			-
29									56			-
30	63	42			44	51	92	81	28	106+	0.26+	-
31	60	44			46	54	92	93	28	4	0.08	0.20
Tot:											3.36	0.34
Ave:										16		

+ 4 days observation.

SARGODHA

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	64	42			50	54	93	88	42	2	0.12	0.02
2	60	39			39	48	91	65	296	6	0.08	-
3	66	37			37	37	91	40	311	15	0.13	-
4	65	38			34	41	82	53	226	14	0.11	-
5	63	39			38	53	83	82	282	10	0.10	-
6	64	34			33	50	90	81	254	29	0.10	-
7					35	30	82	28	339	22	0.10	-
8	67	38			33	37	74	31	367	39	0.16	-
9	71	37			33	39	67	32	339	26	0.18	-
10	74	43			38	43	70	44	282	24	0.17	-
11	62	47			47	51	80	83	42	41	0.17	-
12	57	42			43	38	92	47	282	32	0.06	0.13
13	62	36			35	43	90	67	268	27	0.12	-
14	59	38			39	38	91	55	240	23	0.10	-
15	60	37			35	37	90	46	268	39	0.13	0.01
16	62	37			37	32	91	34	311	18	0.10	-
17	63	33			35	32	90	32	353	23	0.14	-
18	65	35			40	30	91	26	367	17	0.14	-
19	70	39			37	34	83	29	353	22	0.16	-
20	73	40			41	42	92	34	325	19	0.18	-
21					47	50	80	48	254	18	0.16	-
22	75	53			48	52	80	44	296	13	0.15	-
23	78	48			48	48	93	42	282	27	0.17	-
24	73	45			30	25	49	22	325	49	0.20	-
25	70	34			33	25	81	22	367	50	0.24	-
26	68	36			34	32	68	29	381	28	0.20	-
27	67	35			30	28	59	21	381	28	0.19	-
28	73	41			26	30	42	22	353	30	0.20	-
29	72	40			32	32	55	29	367	20	0.18	-
Tot:											4.24	0.16
Ave:										25		

SARGODHA

March 19 2

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	69	36			29	25	53	22	381	11	0.17	-
2	67	36			33	23	67	17	367	24	0.18	-
3	73	40			41	36	92	26	296	18	0.19	-
4	76	41			36	23	63	17	226	40	0.20	-
5	76	42			39	28	70	21	367	79	0.11*	0.25
6	75	43			40	51	77	52		76	0.18	-
7	74	50			53	58	93	83	127	20	0.15	-
8	68	53			55	57	94	69	325	36	0.05	0.13
9	73	49			50	43	87	37	381	30	0.17	-
10	75	51			48	57	70	65	170	26	0.21	-
11	74	50			50	60	81	60	268	19	0.14	-
12	78	56			53	48	76	40	339	22	0.18	-
13	80	51			48	44	70	33	424	43	0.20	-
14	78	50			46	47	60	31	296	40	0.27	-
15	83	57			56	54	82	48	170	17	0.21	-
16	79	57			50	51	62	35	381		0.19	-
17	83	54			51	57	62	42	395		0.24	-
18	86	54			51	49	59	34	254		0.25	-
19	83	60			52	55	63	51	268		0.24	-
20	80	58			59	58	83	45	339		0.19	0.10
21	84	54			58	56	78	44	367		0.18	-
22	86	54			56	56	78	36	424		0.23	-
23	89	56			55	54	69	29	424		0.29	-
24	93	60			59	61	74	35	367		0.30	-
25	95	64			61	69	71	55	367		0.25	-
26	93	66			59	67	59	47	409		0.25	-
27	92	61			57	63	62	43	395		0.35	0.16
28	90	63			62	57	71	33	367		0.27	-
29	96	67			57	57	62	38	395		0.34	-
30	89	60			60	46	70	23	424		0.30	-
31	91	56			57	42	74	19	438		0.31	-
Tot:											6.79	0.64
Ave:	81	53										

* Estimated evaporation.

SARGODHA

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	92	55			51	54	62	32	424		0.36	-
2	92	56			55	58	64	39	381		0.34	-
3	90	59			57	57	62	37	381		0.30	-
4	91	66			54	59	57	53	170		0.30	-
5	80	56			58	56	78	44	466		0.28	0.62
6	82	57			56	54	61	35	494		0.27	-
7	88	64			61	54	71	35	424		0.30	-
8	89	58			55	58	69	48			0.31	-
9	82	62			49	59	54	51			0.33	-
10	85	60			56	60	73	48	409		0.30	-
11	84	60			61	58	75	39	438		0.26	-
12	90	62			60	57	63	30	424		0.33	-
13	96	60			60	60	60	31	424		0.36	-
14	98	62			57	64	53	40	339		0.32	-
15	97	70			60	64	60	48	268		0.32	0.01
16	94	68			60	60	70	46	282		0.32	0.06
17	86	62			62	60	71	48	268		0.22	-
18	86	61			63	60	80	46	409		0.28	0.01
19	85	61			58	53	70	34	424		0.27	0.08
20	86	59			52	53	53	40	424		0.29	-
21	82	57			57	56	58	32	438		0.32	-
22	91	63			56	54	52	32	367		0.33	-
23	92	63			55	51	49	27	452		0.35	-
24	94	62			63	57	61	30	395		0.34	-
25	96	64			64	54	59	23	452		0.33	-
26	99	66			62	51	52	24	353	18	0.38	-
27	94	70			62	65	55	59	353	27	0.35	-
28	95	70			65	58	76	48	522	61	0.35	-
29	96	70			65	61	69	44	536	49	0.39	0.03
30	90	65			56	59	44	36	480	38	0.39	-
Tot:											9.59	0.81
Ave:	90	62										

SARGODHA

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	93	69			52	45	42	22	226	48	0.33	-
2	92	66			52	59	44	36	409	41	0.30	-
3	92	67			62	63	75	39	452	18	0.30	-
4	93	70			61	63	67	47	339	26	0.22	-
5	95	67			64	60	72	42	480	13	0.37	-
6	96	65			63	62	72	55	339	100	0.33	-
7	85	69			57	54	62	41	438	84	0.29	0.12
8	91	69			65	60	62	34	367	20	0.30	-
9	97	72			66	59	56	28	381	29	0.35	-
10	101	74			59	52	41	21	424	31	0.41	-
11	103	73			61	53	40	20	452	30	0.44	-
12	105	74			67	64	47	26	409	29	0.43	-
13	109	80			60	59	38	25	339	29	0.47	-
14	108	76			54	49	35	19	452	85	0.59	-
15	102	70			59	50	36	16	452	35	0.46	-
16	106	77			59	59	31	24	424	26	0.48	-
17	106	74			56	52	29	17	494	20	0.47	-
18	107	72			56	47	32	15	480	38	0.58	-
19	108	68			50	59	25	24	522	30	0.57	-
20	109	68			60	54	38	18	494	30	0.59	-
21	111	73			59	60	33	21	466	18	0.50	-
22	112	83			57	68	30	35	311	39	0.60	-
23	103	82			70	69	48	40	268	18	0.47	-
24	105	79			65	59	49	26	395	29	0.44	-
25	104	70			63	59	53	24	452	30	0.42	-
26	105	69			51	37	30	12	536	26	0.47	-
27	103	83			67	65	45	31	551	10	0.47	-
28	104	73			63	59	53	25	536	9	0.45	-
29	105	70			74	61	75	26	480	75	0.49	-
30	109	72			59	59	36	30	480	25	0.47	-
31	110	73			61	65	44	35	424	4	0.48	-
Tot:											13.59	0.12
Ave:	102	72								34		

SARGODHA

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	107	75			64	68	59	42	395	19	0.47	-
2	111	80			64	62	53	29	339	14	0.49	-
3	110	81			63	53	46	22	466	29	0.47	-
4	109	76			70	71	61	51	480	75	0.15*	0.76
5	96	71			67	69	49	46	424	26	0.40	-
6	98	72			67	72	54	49	367	19	0.41	-
7	100	74			71	63	54	30	353	29	0.46	-
8	103	76			63	59	46	25	339	24	0.45	-
9	104	79			61	58	36	24	311	16	0.43	-
10	104	77			67	63	47	26	381	16	0.38	-
11	108	77			66	64	39	26	395	31	.48	-
12	112	85			67	59	38	22	339	23	0.55	-
13	113	79			59	56	33	22	381	14	0.51	-
14	112	88			67	67	38	28	409	25	0.53	-
15	114	78			69	57	42	21	395	19	0.55	-
16	114	83			72	61	47	24	424	26	0.50	-
17	115	82			71	68	43	29	452	23	0.54	-
18	118	84			73	74	48	33	367	27	0.63	-
19	113	86			65	59	35	30		20	0.54	-
20	113	77			69	75	60	43	254	46	0.60	0.30
21	104	84			77	76	56	37	268	11	0.29	-
22	109	85			68	68	42	33	353	24	0.48	-
23	104	83			67	71	47	34	325	50	0.54	-
24	109	84			74	68	57	31	339	27	0.50	-
25	110	84			75	79	63	44	339	38	0.45	-
26	107	73			74	78	86	73	268	66	0.65	0.56
27	92	78			74	79	68	61	409	24	0.24	0.04
28	97	80			75	77	63	61	296	26	0.30	-
29	96	81			72	79	54	56	395	10	0.30	-
30	102	84			80	78	74	52	325	14	0.32	-
Tot:											13.69	1.66
Ave:	107	80								27		

* Estimated evaporation.

SARGODHA

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	107	82			74	76	55	53	424	24	0.44	0.06
2	108	83			73	71	54	39	409	30	0.40	-
3	107	84			71	72	54	37	311	16	0.45	-
4	108	81			75	67	63	41	325	30	0.47	0.14
5	100	77			75	61	75	42	141	39	0.43	0.16
6	90	72			73	76	71	66	438	49	0.59	1.80
7	91	77			77	78	76	59	480	12	0.23	-
8	97	75			74	75	71	65	452	19	0.39	-
9	91	77			74	74	87	78	155	49	0.35	0.07
10	84	76			77	77	91	78	268	37	0.08	0.03
11	90	78			80	77	80	76	339	19	0.17	0.10
12	92	75			77	78	83	69	424	30	0.29	0.48
13	91	78			81	81	80	68	452	15	0.27	-
14	98	80			81	83	77	65		15	0.34	-
15	100	82			83	81	74	57	353	12	0.35	-
16	103	84			81	74	65	39	409	15	0.33	-
17	105	83			80	75	65	43	395	21	0.39	-
18	103	84			83	78	77	49	353	23	0.36	-
19	101	81			75	75	72	53	325	33	0.35	-
20	97	80			69	73	64	48	409	33	0.31	-
21	99	81			79	74	73	46	409	20	0.31	-
22	102	82			78	76	67	47	424	31	0.37	-
23	104	84			76	73	63	39	409	20	0.44	-
24	104	85			76	75	60	43	381	23	0.40	-
25	103	84			77	77	63	45	311	15	0.36	-
26	103	84			71	80	61	54	268	31	0.43	-
27	100	85			79	77	61	54	381	15	0.37	-
28	103	83			80	75	65	53	381	22	0.39	-
29	105	83			77	73	63	39	381	19	0.41	-
30	105	84			76	76	60	53	325	40	0.33	-
31	106	80			75	72	55	45	240	13	0.41	-
Tot:											11.23	2.79
Ave:	100	81								25		

SARGODHA

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	107	77			75	77	60	49	353	19	0.45	-
2	107	81			78	74	64	46	367	8	0.47	-
3	106	80			72	76	49	47	409	23	0.43	-
4	105	83			75	79	60	56	395	24	0.45	-
5	104	83			75	74	60	42	353	27	0.46	-
6	103	81			78	78	73	49	325	23	0.39	-
7	101	82			75	75	60	46	339	17	0.34	-
8	102	74			77	74	79	52	395	35	0.33*	1.09
9	97	71			74	71	83	56	494	29	0.45*	1.67
10	92	78			79	75	83	60	438	20	0.23	-
11	96	81			81	76	84	58	466	7	0.27	-
12	97	80			77	79	72	61	452	9	0.31	-
13	96	81			79	75	83	57	424	17	0.31	-
14	96	70			73	76	95	75	367	43	0.22*	1.15
15	87	77			76	79	83	70	452	23	0.20*	0.85
16	94	80			81	79	80	56	438	10	0.27	-
17	98	79			74	73	75	75	296	13	0.33	-
18	89	73			78	78	83	67	395	32	0.27	0.43
19	93	78			77	75	83	63	353	9	0.25	-
20	90	76			78	75	87	60	452	17	0.27	-
21	94	76			76	80	79	65	395	13	0.30	-
22	96	78			73	76	68	47	438	7	0.28	-
23	101	80			79	74	76	60	381	13	0.33	-
24	100	74			75	77	83	61	409	31	0.46	0.91
25	94	73			72	76	82	66	311	15	0.28	0.31
26	90	77			79	79	87	61	409	16	0.20	-
27	96	79			77	77	79	54	381	7	0.25	-
28	98	78			79	81	91	65	296	17	0.29	-
29	97	79			78	79	83	83	240	18	0.30	-
30	95	75			80	80	80	70	325	17	0.31	-
31	92	78			80	82	87	92	424	6	0.29	-
Tot:											9.99	6.37
Ave:	97	78								18		

SARGODHA

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	95	77			75	73	75	62	381	15	0.30	-
2	97	79			79	79	96	70	395	10	0.31	-
3	99	80			78	71	91	39	395	10	0.31	-
4	103	77			75	73	75	42	395	16	0.40	-
5	102	76			74	73	75	39	381	14	0.32	-
6	101	76			75	74	75	44	395	11	0.30	-
7	102	77			74	72	68	43	367	14	0.36	-
8	101	77			73	74	71	48	381	15	0.35	-
9	100	78			74	74	71	52	395	22	0.33	-
10	97	76			75	75	79	50	339	22	0.32	-
11	99	77			74	74	75	60	339	26	0.33	-
12	96	75			74	75	78	50	325	27	0.30	-
13	98	77			76	75	75	46	353	14	0.31	-
14	101	78			68	73	70	48	353	15	0.31	-
15	97	77			74	76	71	51	395	38	0.35	-
16	99	76			72	73	74	48	381	26	0.34	-
17	98	68			64	75	59	83	438	52	0.38	0.95
18	86	72			68	73	77	71	367	17	0.17*	0.23
19	90	67			62	69	71	64	381	68	0.27	0.16
20	86	71			68	69	81	60	395	21	0.19	-
21	88	66			54	72	57	65	381	33	0.26	-
22	88	61			59	72	70	62	395	20	0.27	-
23	90	62			58	58	66	32	409	9	0.33	-
24	94	60			57	62	65	34	424	29	0.29	-
25	97	63			59	55	66	25	367	10	0.27	-
26	98	62			62	62	71	34	381	13	0.28	-
27	96	65			64	61	68	33	381	11	0.25	-
28	96	66			63	60	68	31	381	13	0.28	-
29	97	65			61	59	67	31	395	13	0.26	-
30	97	68			60	63	60	38	381	15	0.27	-
Tot:											9.01	1.34
Ave:	96	72								21		

* Estimated evaporation.

SARGODHA

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation Inches	Rain Inches
1	95	64			63	63	68	38	381	15	0.25	-
2	96	65			64	63	68	36	381	10	0.24	-
3	96	67			59	62	53	37	367	17	0.27	-
4	94	69			63	66	68	43	311	30	0.29	-
5	95	68			61	61	67	36	339	15	0.26	-
6	94	68			63	62	68	37	339	17	0.24	-
7	94	66			64	71	76	56	367	25	0.25	-
8	89	64			63	69	80	55	367	13	0.20	-
9	91	65			64	65	72	44	311	9	0.21	-
10	93	65			63	62	72	37	367	16	0.23	-
11	94	64			61	66	63	39	367	29	0.29	-
12	98	63			59	61	62	35	353	22	0.30	-
13	96	61			62	63	75	36	367	8	0.24	-
14	98	63			61	63	67	38	353	9	0.21	-
15	96	62			61	62	63	41	339	9	0.21	-
16	94	61			60	61	70	40	367	7	0.20	-
17	92	62			53	63	53	43	282	14	0.20	-
18	91	67			52	61	50	54	369	26	0.22	-
19	83	57			54	63	68	53	381	73	0.31	-
20	85	58			57	65	65	53	353	16	0.20	-
21	87	65			55	63	64	61	184	30	0.23	-
22	78	57			49	66	51	69	381	73	0.21	0.01
23	80	54			51	67	62	63	353	25	0.21	-
24	85	52			53	61	64	50	353	12	0.23	-
25	86	53			52	65	81	59	325	9	0.24	-
26	87	51			51	63	87	53	325	6	0.21	-
27	88	51			50	62	81	52	339	10	0.23	-
28	87	52			50	58	76	48	325	6	0.21	-
29	88	51			55	60	64	48	311	10	0.20	-
30	87	52			55	56	61	44	325	4	0.19	-
31	85	51			58	51	66	35	353	6	0.20	-
Tot:											7.18	0.01
Ave:	90	[illegible]								18		

SARGODHA

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	84	52			53	52	53	36	296	5	0.19	-
2	85	54			49	54	43	37	325	6	0.17	-
3	86	57			57	52	65	38	325	14	0.19	-
4	83	55			54	54	57	41	325	5	0.20	-
5	83	52			51	52	52	38	353	12	0.23	-
6	85	53			49	58	54	45	353	10	0.20	-
7	84	51			54	59	60	46	325	12	0.21	-
8									268			-
9									268			-
10	85	53			50	56	55	44	282	21+	0.63+	-
11	84	54			51	55	59	43	325	18	0.19	-
12	84	56			55	54	73	43	296	11	0.19	-
13	83	54			56	55	78	39	268	7	0.15	-
14	87	53			54	55	73	37	268	6	0.14	-
15	89	54			56	53	82	38	268	4	0.14	-
16	86	53			55	57	77	42	268	4	0.13	-
17	86	54			54	56	77	44	212	4	0.12	-
18	83	53			55	54	88	41	254	4	0.10	-
19	84	52			56	55	82	41	198	12	0.14	-
20	84	54			53	53	82	38	184	4	0.11	-
21	85	53			55	64	82	68	184	3	0.09	-
22	78	56			54	60	88	79	127	22	0.11	0.03
23	69	52			56	57	94	78	198	26	0.04	0.09
24	70	54			51	58	76	78	254	40	0.09	-
25	69	50			50	53	81	68	240	21	0.10	-
26	70	52			50	53	76	56	268	55	0.11	-
27	75	49			51	55	93	58	268	16	0.11	-
28	77	47			51	54	93	60	254	9	0.09	-
29	74	46			50	54	93	57	296	6	0.08	-
30	76	44			47	46	80	41	296	16	0.11	-
Tot:											4.36	0.12
Ave:										12		

+ 3 days observation.

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	78	45			46	56	79	52	226	11	0.08	-
2	81	44			46	55	85	51	282	4	0.10	-
3	80	44			48	59	93	57	325	9	0.10	-
4	80	45			47	58	93	66	184	3	0.09	-
5	77	47			48	53	93	60	282	3	0.06	-
6	74	44			50	58	93	66	311	2	0.08	-
7	76	49			50	54	87	60	226	8	0.07	-
8	76	52			51	54	87	77	170	4	0.08	-
9	66	54			52	56	87	88	85	48	0.08	0.32
10	63	49			51	53	93	87	113	37	0.08	0.33
11	60	46			49	54	93	77	282	21	0.06	-
12	66	44			48	55	93	64	268	7	0.06	-
13	72	42			49	53	93	68	268	5	0.07	-
14	70	42			46	50	92	62	226	17	0.09	-
15	70	45			45	51	92	71	141	12	0.07	-
16					51	51	93	81	85	3	0.03	-
17	60	53			53	54	93	77	113	25	0.04	-
18	66	47			46	57	92	78	212	7	0.05	-
19	70	46			47	56	93	73	282	4	0.05	-
20	72	46			46	53	92	60	282	5	0.06	-
21	70	45			48	55	86	64	268	11	0.06	-
22	72	45			45	52	92	87	184	4	0.07	-
23	63	44			46	53	92	76	184	14	0.12	0.30
24	66	45			50	51	93	71	113	21	0.04	0.14
25	62	50			49	54	93	77	184	13	0.05	-
26	63	48			44	53	85	76	141	19	0.05	-
27	63	46			46	54	92	77	226	4	0.06	-
28	64	44			45	53	92	76	282	12	0.06	-
29	64	38			43	50	92	76	296	19	0.09	-
30	63	39			41	49	92	66	282	20	0.08	-
31	66	36			39	51	77	66	268	7	0.07	-
Tot:											2.15	1.09
Ave:										12		

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SEHWAN - 1972

Location Latitude 26°25' Longitude 67°50',

Elevation

Period of record Observatory installed by Surface Water Hydrology Project WAPDA since January, 1970.

Instruments
5" Non-recording rain gauge.
U.S. Universal weighing type recording rain gauge.
Maximum and minimum pan water temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau standard evaporation pan.

Annual figures
Precipitation 0.56 inches
Evaporation (Pan) air 197.16 inches
Absolute Maximum air temperature 122°F
Absolute Minimum air temperature 35°F

Remarks
Annual figures calculated by estimating the days for which record was missing or not observed.
Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown.
Blank space indicates no record.
(-) Indicates no precipitation.

SEHWAN

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	79	49	73	50	45	61	68	67		0.25	-
2	75	44	71	49	42	63	78	72		0.23	-
3	76	42	72	46	39	60	77	67		0.22	-
4	76	45	72	48	40	63	65	72		0.20	-
5	74	43	71	47	39	61	65	67		0.18	-
6	74	37	70	43	38	61	91	71		0.17	-
7	75	39	70	43	37	58	76	66		0.18	-
8	72	38	68	42	32	61	61	67		0.16	-
9	75	45	69	44	42	61	78	67		0.18	-
10	77	40	72	45	36	63	69	68		0.21	-
11	77	40	72	44	35	63	68	68		0.22	-
12	76	43	72	46	39	61	70	75		0.21	-
13	72	47	71	49	43	65	73	69		0.20	-
14	79	46	73	48	43	61	78	75		0.21	-
15	72	40	70	45	35	64	68	76		0.17	-
16	75	44	71	47	48	63	70	80		0.20	-
17	73	45	70	47	41	66	66	80		0.19	-
18	76	47	72	48	43	63	67	75		0.20	-
19	73	47	70	48	43	66	67	77		0.20	-
20	77	53	73	51	50	65	76	76		0.21	-
21	76	50	74	50	48	67	80	69		0.23	-
22	83	46	76	47	43	65	78	76		0.29	-
23	76	45	73	47	40	63	65	80		0.26	-
24	73	41	70	43	38	56	76	78		0.23	-
25	71	53	70	52	53	53	93	68		0.19	-
26											-
27											-
28	73	49	72	50	49	63	86	80		0.62+	-
29	73	49	72	50	46	63	74	72		0.21	-
30	77	46	75	49	43	53	78	60		0.23	-
31	73	51	72	50	48	53	75	72		0.15	0.11
Tot:										6.40	0.11
Ave:											

+ three days evaporation.

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	67	56	62	57	55	53	82	60		0.03	0.18
2	73	51	70	52	49	53	80	76		0.11	-
3	63	43	62	45	41	54	84	68		0.13	-
4	69	45	68	46	42	57	78	78		0.15	-
5	66	42	67	44	39	58	77	78		0.17	-
6	69	37	66	42	36	55	82	69		0.15	-
7	68	36	65	41	32	54	73	57		0.16	-
8	74	38	72	43	39	55	84	58		0.18	-
9	75	40	73	45	38	60	76	60		0.21	-
10	79	44	75	46	37	69	59	67		0.22	-
11	85	50	77	51	47	45	74	46		0.29	-
12	71	40	70	41	35	52	58	71		0.33	-
13	64	39	63	39	36	54	75	51		0.26	-
14	77	39	73	41	32	54	61	57		0.30	-
15	72	44	70	45	41	56	71	78		0.28	-
16	66	42	64	43	39	56	70	73		0.24	-
17	69	45	68	46	40	61	65	71		0.25	-
18	74	44	73	47	40	61	65	67		0.23	-
19	75	44	76	49	42	72	72	78		0.24	-
20	83	47	79	51	42	73	62	82		0.26	-
21	82	50	80	52	46	72	69	68		0.24	-
22	85	54	80	55	49	76	61	79		0.33	-
23	86	51	80	51	44	71	55	86		0.34	-
24	83	37	80	44	36	64	75	76		0.28	-
25	76	38	75	40	34	67	68	85		0.27	-
26	75	37	74	39	33	67	67	90		0.25	-
27	73	40	72	41	34	64	62	68		0.30	-
28	78	41	77	45	35	63	57	68		0.28	-
29	77	41	76	45	33	67	51	77		0.30	-
Tot:										6.74	0.18
Ave:	74	43	72	46							

SEHWAN

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	44	76	46	37	70	59	74		0.31	-
2	82	44	78	46	39	71	65	74		0.33	-
3	85	44	80	48	37	76	59	83		0.35	-
4	85	49	83	53	41	74	49	75		0.40	-
5	85	51	82	54	45	77	55	87		0.41	-
6	84	52	80	55	49	77	61	83		0.40	-
7	86	54	82	56	50	78	62	79		0.42	-
8	89	57	85	59	52	75	63	75		0.43	-
9	87	60	86	62	52	78	74	79		0.40	-
10	87	62	84	62	60	73	79	66		0.43	-
11	88	61	87	60	58	73	70	86		0.44	-
12	80	60	73	59	58	77	78	83		0.29	-
13	85	51	87	53	44	74	55	75		0.35	-
14	86	59	85	60	57	75	78	72		0.41	-
15	87	57	86	58	56	81	78	84		0.45	-
16	89	60	86	62	57	83	74	81		0.49	-
17	93	66	90	64	60	77	67	63		0.45	-
18	95	67	93	67	61	71	63	45		0.48	-
19	98	69	93	66	62	70	64	44		0.54	-
20	97	66	92	65	60	71	63	56		0.56	-
21	91	62	90	63	59	75	74	63		0.51	-
22	93	64	90	63	60	76	79	47		0.43	-
23	102	66	95	64	60	77	63	45		0.55	-
24	105	67	97	65	58	75	56	43		0.59	-
25	105	68	97	67	57	77	49	45		0.63	-
26	108	69	96	65	58	79	50	44		0.67	-
27	108	70	97	67	60	76	54	41		0.58	-
28	107	78	95	69	68	82	58	58		0.71	-
29	102	77	95	68	66	81	51	68		0.65	-
30	96	66	90	63	54	80	48	65		0.61	-
31	96	54	98	55	37	79	35	61		0.56	-
Tot:										14.83	0.00
Aver:	92	60	88	60							

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	97	62	91	59	54	81	60	65		0.59	-
2	99	59	90	60	48	80	50	57		0.58	-
3	101	60	93	62	50	84	55	60		0.60	-
4	104	62	94	64	54	78	60	59		0.65	-
5	98	65	93	66	59	83	70	71		0.66	-
6	96	65	94	64	58	82	66	71		0.61	-
7	97	63	93	61	54	87	57	75		0.57	-
8	99	65	95	64	57	81	62	65		0.60	-
9	97	67	90	62	58	79	59	73		0.64	-
10	92	62	90	63	55	88	64	78		0.46	-
11	100	67			60	89	67	75		0.52	-
12	101	72			65	90	69	70		0.58	-
13	105	76			68	97	63	80		0.67	-
14	108	80			71	95	58	74		0.76	-
15	108	81			71	89	56	67		0.78	-
16	104	82			70	73	53	68		0.81	-
17	98	70	90	66	59	76	57	63		0.72	0.09
18	95	66	90	68	68	75	77	57		0.70	-
19	95	70	92	65	61	74	54	60		0.60	-
20	98	67	90	65	60	71	63	49		0.59	-
21	97	71			62	70	64	47		0.55	-
22	98	74			65	62	62	41		0.57	-
23	92	70	88	67	62	67	58	43		0.53	-
24	97	77			69	71	64	43		0.64	-
25	101	82			73	75	62	49		0.66	-
26	104	84			73	73	59	44		0.85	-
27	102	78	93	76	65	75	46	46		0.87	-
28	102	77			68	72	55	45		0.89	-
29	101	72	96	68	55	71	41	43		0.76	-
30	100	72	95	66	60	57	54	25		0.78	-
Tot:										19.79	0.09
Ave:	100	70									

SEHWAN

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	68	95	65	55	53	49	24		0.61	-
2	97	66	93	64	47	61	37	32		0.58	-
3	100	72	97	70	62	90	50	70		0.56	-
4	106	72	96	69	63	94	53	74		0.70	-
5	107	78			71	86	61	61		0.81	-
6	104	81			73	79	57	52		0.92	-
7	102	78			58	79	35	52		0.89	-
8	102	77			60	81	42	43		0.85	-
9	111	84			64	76	36	38		0.82	-
10	109	73	99	70	62	85	50	54		0.88	-
11	109	80	100	74	71	91	54	58		0.78	-
12	112	90			80	94	54	59		0.92	-
13	115	92			78	92	52	59		1.01	-
14	113	80			70	85	53	54		0.96	-
15	107	74	94	72	61	75	44	34		0.85	-
16	112	78	95	72	69	82	58	49		0.88	-
17	109	80	95	74	72	78	59	39		0.82	-
18	112	85			72	82	47	42		0.89	-
19	113	87			71	85	41	40		0.86	-
20	118	90			82	88	49	41		0.98	-
21	120	95			85	80	58	40		1.00	-
22	116	92			86	87	72	53		0.97	-
23	111	89			82	89	71	55		0.88	-
24	110	82	99	76	73	88	50	57		0.79	-
25	109	80			73	89	65	64		0.80	-
26	105	76			66	86	56	59		0.76	-
27	105	74			67	87	60	59		0.78	-
28	107	77			70	89	61	62		0.80	-
29	109	70	98	65	59	92	46	63		0.74	-
30	110	75	101	73	60	91	46	61		0.78	-
31	110	80	101	74	68	93	50	61		0.79	-
Tot:										25.66	0.00
Ave:	109	80									

SEHWAN

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	113	82	102	77	76	95	63	84		0.83	-
2	113	81	101	76	74	90	57	58		0.98	-
3	110	80	101	75	73	93	57	61		0.82	-
4	113	89	105	75	78	101	46	70		0.97	-
5	115	92	103	76	85	96	63	66		1.03	-
6	113	85			79	91	70	56		1.00	-
7	112	88			81	101	65	68		0.97	-
8	118	88			81	99	59	67	141	1.04	-
9	116	87			80	86	62	49	119	1.00	-
10	112	79	100	74	70	81	53	37	101	0.87	-
11	115	80	101	74	69	70	50	31	93	0.84	-
12	117	82	101	76	71	88	51	48	120	0.86	-
13	116	80	101	79	73	91	57	51	116	0.87	-
14	117	81	106	79	71	86	51	42	105	0.90	-
15	116	82	105	79	75	77	57	31	136	0.93	-
16	118	81	105	78	74	78	57	34	131	0.98	-
17	116	82	105	79	75	83	57	40	186	0.97	-
18	116	90	108	79	83	91	60	42	246	1.01	-
19	122	87	106	81	80	85	54	40	210	1.07	-
20	117	88	102	85	81	83	65	44	244	1.02	-
21	113	85	101	80	77	83	63	41	171	0.81	-
22	114	77	104	74	73	81	59	40	116	0.84	-
23	115	81	100	77	74	82	57	46	109	0.88	-
24	111	86	100	81	78	82	44	44	166	0.99	-
25	111	86	101	81	79	77	59	40	127	0.96	-
26	109	87	100	81	81	75	57	38	186	1.01	-
27	108	85	100	81	79	73	61	40	149	0.98	-
28	105	85	99	80	79	85	67	56	122	0.90	-
29	105	82	102	79	75	89	57	67	89	0.71	-
30	104	85	100	80	79	90	67	67	101	0.85	-
Tot:										27.89	0.00
Ave:	113	84									

SEHWAN

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	105	85	101	80	80	86	74	61	108	0.91	-
2	105	80	100	79	73	77	57	69	120	0.69	0.06
3	105	83	100	80	76	87	63	69	91	0.58	0.03
4	101	87	100	81	81	86	65	61	232	0.71	-
5	104	89	100	80	80	86	62	50	369	1.07	-
6	110	86	100	82	80	85	74	63	228	0.95	-
7	102	87	100	81	83	87	74	66	130	0.90	-
8	102	89	100	82	84	89	71	60	126	0.95	-
9	108	85	102	80	81	93	80	71	150	0.75	-
10	106	87	103	80	83	88	71	59	118	0.70	-
11	107	89	102	82	84	87	71	47	221	0.79	-
12	115	92	102	87	86	86	66	49	304	1.00	-
13	113	90	100	80	84	81	71	43	277	1.03	-
14	110	87	101	83	83	80	74	45	136	0.99	-
15	109	86	103	81	83	82	81	46	134	0.87	-
16	110	83	104	80	75	81	60	41	151	0.88	-
17	111	82	104	80	76	83	63	44	115	0.93	-
18	113	89	103	80	84	85	71	46	208	0.92	-
19	112	87	100	80	82	84	71	48	192	0.86	-
20	111	87	100	80	82	80	68	62	164	0.80	-
21	106	85	100	81	79	92	67	68	176	0.76	-
22	108	89	103	81	81	91	65	63	218	0.82	-
23	108	83	100	78	75	91	60	65	208	0.92	-
24	108	86	101	79	80	91	65	61	181	0.95	-
25	110	87	104	80	82	89	71	57	257	1.04	-
26	109	87	98	78	83	88	74	53	310	1.08	-
27	111	87	100	73	81	84	65	43	236	1 06	-
28	114	88	101	77	81	88	65	51	193	0.87	-
29	112	87	102	78	82	86	71	50	223	0.92	-
30	118	85	103	79	80	88	74	51	185	0.90	-
31	112	82	101	79	77	86	69	59	182	0.82	-
Tot:										27.42	0.09
Ave:	109	86	101	80					191		

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	106	87	103	82	83	84	77	56	83	0.80	-
2	105	82	102	80	76	86	63	55	97	0.75	-
3	108	82	104	80	77	86	69	55	86	0.77	-
4	108	81	103	78	75	89	69	62	107	0.74	-
5	108	82	102	79	77	88	72	59	87	0.75	-
6	107	82	104	80	77	90	76	65	85	0.72	-
7	106	82	105	78	77	89	76	64	73	0.70	-
8	105	84	103	79	80	90	80	65	61	0.64	-
9	106	83	103	81	80	88	80	62	76	0.60	-
10	107	84	103	82	80	89	80	62	76	0.58	-
11	107	83	102	80	80	91	80	68	82	0.60	-
12	106	81	98	77	74	74	68	37	134	0.56	-
13	107	77	100	76	70	90	61	65	89	0.57	-
14	105	77	101	75	74	87	78	66	96	0.60	-
15	103	81	100	79	73	89	62	67	79	0.53	-
16	104	82	102	79	76	91	66	63	94	0.59	-
17	108	85	104	80	79	91	73	63	124	0.76	-
18	108	78	100	77	73	90	71	70	92	0.78	-
19	104	83	100	80	77	90	72	67	96	0.58	-
20	104	85	102	80	79	90	73	72	73	0.61	-
21	103	83	100	80	77	90	72	70	55	0.63	-
22	104	82	102	80	82	92	80	63	108	0.62	-
23	108	83	103	80	77	91	69	61	48	0.65	-
24	110	85	104	81	81	89	80	64	72	0.71	-
25	105	80	103	78	75	87	75	62	68	0.65	-
26	106	80	100	78	75	89	75	64	70	0.55	-
27	105	78	100	75	71	81	67	55	75	0.60	-
28	104	77	99	70	68	82	52	58	87	0.63	-
29	104	69	96	66	64	82	59	53	79	0.56	-
30	104	70	96	68	68	80	60	48	58	0.58	-
31	105	73	97	72	61	84	51	54	42	0.60	-
Tot:										20.00	0.00
Ave:	106	81	101	78					82		

SEHWAN

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	107	75	96	74	65	85	51	54	76	0.58	-
2	108	76	97	74	65	82	53	51	115	0.59	-
3	106	74	97	73	62	80	50	45	70	0.57	-
4	109	75	95	74	67	79	57	46	63	0.59	-
5	107	74	98	73	67	78	60	44	108	0.64	-
6	107	75	101	74	68	75	60	41	57	0.58	-
7	105	78	100	75	71	71	64	39	77	0.53	-
8	102	75	100	75	68	68	60	36	66	0.55	-
9	102	73	100	72	69	67	59	34	89	0.58	-
10	102	73	100	72	64	61	55	28	49	0.58	-
11	104	74	100	73	69	61	70	28	60	0.51	-
12	104	80	100	76	72	68	59	33	67	0.57	-
13	105	87	100	78	73	80	50	40	96	0.66	-
14	114	85	104	80	77	80	56	47	130	0.79	-
15	107	77	101	75	71	80	67	43	152	0.78	-
16	112	78	101	76	72	74	65	37	152	0.98	-
17	107	83	100	77	76	69	72	34	132	0.86	-
18	109	77	101	75	72	61	74	28	72	0.65	-
19	104	80	98	73	72	63	65	30	51	0.63	-
20	102	72	92	78	65	44	65	18	70	0.58	-
21	97	71	96	66	59	51	57	21	77	0.53	-
22	100	70	95	67	61	51	57	21	65	0.51	-
23	99	66	95	65	54	45	46	17	54	0.49	-
24	99	66	95	64	56	48	46	17	40	0.46	-
25	102	70	95	65	60	51	60	19	46	0.47	-
26	104	72	95	67	63	56	53	22	24	0.53	-
27	107	69	95	65	54	58	41	26	108	0.75	-
28	103	68	95	67	51	62	33	29	54	0.62	-
29	102	70	95	69	58	65	43	32	44	0.65	-
30	104	70	97	69	60	66	48	31	51	0.67	-
Tot:										18.48	0.00
Ave:	105	74	98	72					77		

SEHWAN

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	76	95	72	68	54	58	21	62	0.64	-
2	102	71	99	70	60	65	48	35	41	0.60	-
3	102	67	97	65	56	62	46	31	79	0.56	-
4	102	70	98	66	59	55	51	27	45	0.51	-
5	100	70	95	67	62	60	58	31	106	0.63	
6	98	72	92	68	64	53	59	24	70	0.53	-
7	97	70	97	67	61	62	54	31	41	0.50	-
8	100	70	93	68	58	54	48	20	61	0.50	-
9	105	65	95	64	54	55	48	24	83	0.54	-
10	100	65	96	64	53	56	45	23	66	0.51	-
11	103	71	93	65	62	50	52	18	87	0.53	-
12	104	68	95	65	60	53	60	20	59	0.50	-
13	103	71	95	69	61	50	54	18	62	0.45	-
14	103	71	95	65	56	51	44	21	61	0.52	-
15	101	61	91	60	48	49	40	20	50	0.51	-
16	100	60	92	61	45	43	38	16	26	0.53	-
17	100	62	93	63	52	49	53	20	38	0.46	-
18	100	63	91	64	51	56	49	23	31	0.47	-
19	103	64	91	65	53	54	47	26	80	0.51	-
20	96	65	91	66	55	57	51	30	57	0.56	-
21	96	65	91	64	58	52	59	28	61	0.50	-
22	92	65	90	64	57	52	62	32	77	0.45	-
23	87	63	86	65	55	53	69	33	38	0.46	-
24	89	63	87	64	57	55	69	34	32	0.49	-
25	91	62	89	63	54	52	60	32	68	0.50	-
26	90	62	86	59	55	46	69	23	53	0.46	-
27	93	64	89	61	57	46	62	24	63	0.51	-
28	90	60	87	58	50	47	48	25	41	0.42	-
29	90	57	87	59	46	42	53	22	37	0.43	-
30	90	55	87	56	45	44	52	20	67	0.45	-
31	95	59	89	60	52	45	63	22	45	0.46	-
Tot:										15.69	0.00
Ave:	98	65	92	64					58		

SEHWAN

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	92	61	88	60	51	52	56	28	47	0.40	-
2	95	60	89	61	51	55	56	30	42	0.36	-
3	93	61	90	62	53	56	56	29	32	0.39	-
4	95	60	90	61	51	59	56	34	64	0.42	-
5	94	59	90	60	52	56	63	31	39	0.34	-
6	95	57	89	56	50	59	62	34	30	0.32	-
7	94	55	90	56	50	57	62	33	36	0.30	-
8											-
9											-
10	95	52	90	53	41	57	49	33	82+	0.86	-
11	91	57	87	59	49	54	66	32	50	0.30	-
12	90	56	88	58	49	49	61	29	54	0.31	-
13	89	58	87	60	49	53	58	33	35	0.30	-
14	90	58	88	60	49	57	58	37	20	0.26	-
15	91	60	89	63	53	54	60	32	24	0.28	-
16	92	60	88	63	55	57	61	34	24	0.30	-
17	91	61	88	63	56	54	73	35	48	0.27	-
18	89	60	87	63	56	54	65	32	38	0.25	-
19	90	56	88	59	50	53	58	33	28	0.27	-
20	90	57	88	60	52	57	63	34	35	0.29	-
21	91	56	89	59	51	55	59	41	47	0.30	-
22	88	57	83	59	49	54	58	41	63	0.32	-
23	83	54	80	55	49	49	61	34	35	0.31	-
24	83	53	80	54	48	54	65	48	32	0.26	-
25	80	51	78	54	43	48	63	40	22	0.21	-
26	78	49	76	51	38	40	51	26	40	0.19	-
27	82	51	80	53	41	38	57	25	37	0.21	-
28	80	50	78	53	45	37	63	23	29	0.20	-
29	81	51	80	53	48	37	70	22	32	0.20	-
30	83	50	81	52	43	34	58	19	26	0.21	-
Tot:										8.63	0.00
Ave:									36		

+ Three days wind movement.

SEHWAN

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	50	80	51	64	37	46	47	20	0.22	-
2	82	47	80	49	51	38	38	52	17	0.21	-
3	83	51	81	54	59	36	45	49	36	0.20	-
4	81	50	80	55	64	36	46	49	61	0.23	-
5	80	49	81	56	51	39	38	50	32	0.21	-
6	79	48	89	70	62	36	42	49	16	0.18	-
7	80	48	90	70	63	34	43	49	22	0.19	-
8	83	51	90	70	64	38	46	48	72	0.20	-
9	80	50	90	69	69	26	46	36	42	0.22	-
10	77	44	88	68	65	32	39	39	30	0.21	-
11	72	45	90	68	65	36	40	42	50	0.20	-
12	78	44	90	69	69	38	36	41	34	0.19	-
13	76	44	91	69	50	28	31	39	17	0.18	-
14	79	48	89	70	59	40	37	49	55	0.21	-
15	77	51	88	70	61	47	41	53	56	0.20	-
16	85	52	87	70	61	36	41	45	65	0.23	-
17	75	54	86	72	58	76	43	51	64	0.17	-
18	62	55	79	75	87	64	52	55	68	0.02	0.09
19	72	51	84	73	88	71	47	51	54	0.08	-
20	74	51	89	71	86	76	48	51	32	0.13	-
21	77	49	90	70	73	82	43	53	17	0.12	-
22	79	49	90	70	73	39	43	50	16	0.13	-
23	81	51	89	71	80	49	47	57	57	0.20	-
24	79	53	90	72	80	51	48	49	46	0.17	-
25	72	51	88	71	86	53	48	52	64	0.16	-
26	72	52	86	72	88	57	56	54	47	0.12	-
27	75	49	88	70	52	44	33	43	67	0.21	-
28	68	44	86	73	70	32	39	35	89	0.24	-
29	68	37	86	67	57	40	27	37	51	0.21	-
30	67	35	85	67	55	41	24	43	48	0.20	-
31	72	38	86	72	58	48	28	50	31	0.18	-
Tot:										5.62	0.09
Ave:	76	48	87	68					44		

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SIALKOT - 1972

Location	Latitude 32°30', Longitude 74°32'
Elevation	830 ± ft. msl.
Period of record	Recording rain gauge since 1964 other instruments installed in March 1969; station established by Surface Water Hydrology Project, WAPDA.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan.
Annual figures	Precipitation 20.64 inches Evaporation 81.80 inches Absolute maximum air temperature 115°F Absolute minimum air temperature 31°F
Remarks	Annual figures calculated by estimating the day for which record was missing or not observed. Observations of precipitation, pan evaporation maximum and minimum temperatures are taken at 0800 hours and stand for 24 period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry bulb temperatures observed twice a day at 0800 and 1700 hours. Blank space indicates no record. (-) Indicates no precipitation.

SIALKOT

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	74	42			38	44	83	48		0.07	-
2	68	35			32	43	81	47		0.08	-
3	67	35			30	41	80	43		0.09	-
4	69	36			35	37	90	35		0.07	-
5	68	33			30	35	89	36		0.08	-
6	68	33			29	43	80	47		0.08	-
7	68	31			27	30	78	30		0.07	-
8	65	31			27	35	78	36		0.09	-
9	65	31			30	43	89	47		0.09	-
10	66	31			27	41	78	49		0.08	-
11	68	33			30	43	65	47		0.08	-
12	70	33			29	40	80	42		0.07	-
13	68	35			34	38	62	55		0.08	-
14	58	45			49	43	80	41		0.05	-
15	70	42			38	43	83	47		0.09	-
16	68	43			34	45	62	49		0.08	-
17	70	42			38	40	83	37		0.09	-
18	71	42			38	45	70	49		0.10	-
19	72	47			41	49	71	61		0.09	-
20	65	50			45	52	73	71		0.05	-
21	64	52			45	44	73	51		0.05	-
22	64	47			44	51	85	71		0.07*	1.07
23	63	46			45	51	92	81		0.03	-
24	59	46			41	53	84	76		0.02	-
25	64	46			46	52	92	81		0.03	-
26	60	45			44	53	92	76		0.02	-
27										0.03*	-
28										0.03*	-
29	60	46			44	51	92	71		0.03*	-
30					52	48	93	65		0.03	-
31	62	52			51	54	93	93		0.02*	0.77
Tot:										1.94	1.84
Ave:											

* Estimated evaporation.

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	58	53			53	52	93	93		0.01	0.71
2	56	48			53	51	100	71		0.02*	0.21
3	61	43			39	40	77	45		0.05	-
4	62	41			38	53	83	87		0.11	-
5	63	43			41	52	84	93		0.08	-
6	56	44			40	38	84	51		0.07	-
7	60	39			36	41	82	46		0.09	-
8	62	38			38	38	91	38		0.10	-
9	64	40			37	37	83	37		0.12	-
10					42	40	78	42		0.10	-
11	68	50			45	43	68	47		0.12	-
12	65	52			49	46	86	64		0.08	0.25
13	62	42			41	40	92	65		0.10	-
14	57	41			36	30	75	36		0.08	-
15	60	40			37	38	83	44		0.12	-
16	60	39			35	41	74	49		0.13	-
17	62	48			35	41	74	46		0.10	-
18	64	40			37	37	83	35		0.12	-
19	66	40			34	39	68	34		0.13	-
20	69	42			39	44	84	42		0.13	-
21					42	51	72	47		0.13	-
22	74	51			49	48	75	38		0.10	-
23	78	57			49	45	70	38		0.23	0.03
24	77	53			48	44	75	42		0.21	-
25	72	44			34	45	62	46		0.20	-
26											-
27	68	38			37	44	46	42		0.40+	-
28	70	40			38	34	83	27		0.20	-
29	71	40			36	32	69	23		0.19	-
Tot:										3.52	1.20
Ave:											

* Estimated evaporation.
\+ 2 days observation.

SIALKOT

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	43			38	42	70	36		0.20	-
2	75	44			43	7	78	6		0.17	-
3	78	50			43	19	63	11		0.18	-
4	80	56			41	40	46	40		0.19	-
5	70	52			51	47	93	57		0.20	0.40
6	65	51			47	53	80	60		0.05	0.05
7	71	53			52	57	87	78		0.09	-
8	68	56			50	50	76	76		0.08	0.18
9	71	48			47	56	80	61		0.23	0.50
10	73	50			49	54	93	68		0.17	-
11	68	51			48	56	80	61		0.16	-
12	74	54			54	57	77	62		0.10	-
13	75	54			49	51	75	47		0.11	0.02
14	75	52			49	57	80	47		0.17	-
15					53	54	76	60		0.18	-
16	71	54			50	53	81	40		0.10	-
17	79	55			51	39	71	23		0.12	-
18	82	54			49	51	70	39		0.21	-
19	79	59			51	57	62	53		0.17	-
20	81	62			51	54	59	43		0.22	-
21	78	56			53	52	72	38		0.14	-
22	81	55			49	53	58	38		0.22	-
23	82	55			48	53	53	31		0.23	-
24	87	58			51	46	62	24		0.24	-
25	87	62			60	63	70	43		0.18	-
26	89	67			62	59	71	40		0.24	-
27	87	64			57	64	58	44		0.26	0.14
28	90	65			58	61	59	36		0.25	-
29	92	67			56	58	61	43		0.26	-
30	85	65			55	56	64	40		0.18	-
31	84	60			47	61	47	44		0.20	-
Tot:										5.50	1.29
Ave:											

SIALKOT

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	86	56			50	36	46	17		0.26	-
2	87	56			51	55	47	37		0.24	-
3	86	60			55	57	61	40		0.20	-
4	86	68			45	55	38	69		0.22	-
5	74	60			56	58	73	43		0.12	0.22
6	84	57			53	50	68	31		0.23	-
7	86	59			54	51	57	30		0.27	-
8	88	68			60	54	60	48		0.30	-
9	82	60			48	50	47	37		0.20	-
10	85	61			55	49	69	36		0.24	-
11	83	60			56	57	65	37		0.24	-
12	87	62			56	56	55	31		0.27	-
13	91	64			57	51	55	24		0.29	-
14	94	65			58	57	56	33		0.30	-
15	94	70			56	54	44	35		0.30	-
16	93	68			56	59	52	62		0.36	-
17	83	64			58	60	70	84		0.14	0.06
18	76	60			57	54	83	51		0.11	0.07
19	73	58			54	54	77	48		0.16	-
20	82	60			46	58	43	78		0.20	-
21	78	54			49	43	43	21		0.15	-
22	91	58			54	55	60	49		0.30	-
23	92	64			58	43	70	19		0.28	-
24	93	67			54	51	46	24		0.30	-
25	95	68			58	54	50	23		0.33	-
26	97	70			51	54	35	26		0.44	-
27	99	74			54	57	46	33		0.37	-
28	92	70			59	60	53	42		0.28	-
29	93	65			60	54	67	26		0.31	0.13
30	95	70			59	54	53	26		0.34	-
Tot:										7.75	0.48
Ave:	88	63									

SIALKOT

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	65			55	60	58	42		0.41	-
2	87	71			51	53	41	31		0.23	-
3	90	68			53	44	40	18		0.25	-
4	95	69			55	51	49	26		0.39	-
5	95	70			57	54	53	23		0.30	-
6	99	70			55	50	39	23		0.36	-
7	96	70			57	51	55	24		0.47	-
8	92	69			58	54	48	23		0.32	-
9	98	72			58	44	48	16		0.42	-
10	100	71			57	48	47	17		0.39	-
11	101	72			58	54	48	20		0.43	-
12	103	74			61	46	49	14		0.49	-
13	107	80			51	47	30	18		0.47	-
14	99	77			53	68	34	26		0.50	0.03
15	102	75			61	50	49	16		0.35	-
16	104	74			57	50	38	16		0.42	-
17	105	75			57	43	40	13		0.46	-
18	104	72			50	45	31	14		0.50	-
19	105	71			50	42	31	12		0.51	-
20	107	72			51	42	33	11		0.51	-
21	109	71			53	43	40	11		0.49	-
22	110	81			55	59	28	26		0.50	-
23	100	88			59	62	34	29		0.51	-
24	99	79			58	63	39	46		0.50	-
25	101	77			56	36	40	11		0.44	0.06
26	102	74			53	31	34	9		0.38	-
27	103	68			45	39	27	11		0.52	-
28	103	67			43	36	29	11		0.49	-
29	103	73			43	42	21	12		0.50	-
30	106	73			50	44	25	13		0.51	-
31	107	71			52	49	29	14		0.49	-
Tot:										13.51	0.09
Ave:	101	73									

SIALKOT

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	108	82			58	73	35	32		0.49	-
2	110	83			61	57	36	19		0.47	-
3	110	83			55	55	28	21		0.49	-
4	103	74			63	59	61	34		0.56	-
5	92	75			59	54	40	26		0.28	-
6	101	75			57	54	38	21		0.45	-
7	100	73			53	53	33	18		0.45	-
8	104	75			58	54	43	20		0.45	-
9	103	75			58	53	39	18		0.40	-
10	105	78			56	55	32	19		0.41	-
11	106	78			57	47	33	12		0.41	-
12	110	81			57	53	33	15		0.46	-
13	112	84			55	39	27	9		0.62	-
14	113	82			56	48	28	12		0.55	-
15	113	76			56	44	32	11		0.54	-
16	113	82			55	48	28	11		0.56	-
17	115	83			55	37	28	8		0.57	-
18	115	84			60	51	31	14		0.63	-
19	113	92			67	57	41	37		0.52	-
20	107	76			61	62	44	23		0.48	-
21	109	85			70	62	40	25		0.41	-
22	108	85			61	62	39	29		0.48	-
23	99	84			64	66	40	25		0.46	-
24	110	85			66	66	43	31		0.56	-
25	103	84			68	68	50	33		0.56	-
26	102	87			73	74	57	65		0.53	-
27	90	73			73	69	68	42		0.21	0.61
28	96	82			72	70	59	48		0.38	-
29	96	82			68	71	55	35		0.39	-
30	104	86			75	68	57	52		0.40	-
Tot:										14.17	0.61
Ave:	106	81									

SIALKOT

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	104	81			68	68	50	31		0.47	-
2	105	73			78	79	86	49		0.20*	1.36
3	99	72			73	76	82	53		0.19*	1.95
4	96	71			69	66	81	43		0.75*	0.38
5	92	74			75	73	72	52		0.23	-
6	93	74			69	72	73	54		0.35	0.05
7	91	78			67	66		56		0.27	-
8	96	73				70	57	67		0.34	0.16
9	82	74			71	76	90	75		0.14	0.23
10	85	74			74	73	87	59		0.06	0.36
11	89	77			74	74	86	71		0.12	0.12
12	84	76			75	73	91	59		0.20	0.05
13	89	72			71	73	67	50		0.24	-
14	95	83			80	75	87	49		0.33	-
15	98	82			72	76	62	47		0.32	-
16	100	86			79	76	64	47		0.31	-
17	100	84			75	73	63	42		0.44	-
18	101	81			74	73	65	42		0.40	-
19	100	79			73	69	68	46		0.34	-
20	99	80			71	68	64	38		0.35	-
21	98	81			72	67	59	34		0.32	-
22	100	85			76	69	63	37		0.36	-
23	102	83			73	76	62	63		0.47	-
24	100	83			76	78	66	43		0.43	-
25	100	85			75	75	63	46		0.35	-
26	101	82			72	72	59	43		0.42	-
27	99	84			74	71	60	36		0.24	-
28	103	86			74	69	60	34		0.33	-
29	103	83			73	71	59	41		0.47	-
30	101	84			65	70	46	41		0.47	-
31	103	86			71	60	54	34		0.37	-
Tot:										9.78	4.66
Ave:	97	80									

* Estimated Evaporation.

SIALKOT

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	76			70	70	67	38		0.33	0.06
2	101	81			75	70	65	38		0.33	-
3	103	85			75	68	63	35		0.44	-
4	102	87			75	68	60	36		0.44	-
5	101	83			74	73	71	50		0.40	-
6	95	80			73	71	75	51		0.26	0.02
7	93	78			74	74	83	57		0.28	-
8	93	74			72	75	82	50		0.30	0.25
9	96	72			71	73	90	59		0.25*	0.80
10	89	74			77	71	76	43		0.15	-
11	97	80			75	76	72	63		0.32	-
12	92	74			74	59	83	34		0.34	0.80
13	91	75			74	73	87	57		0.22	0.42
14	93	77			71	73	74	91		0.24	-
15	83	75			74	73	83	50		0.03	0.60
16	95	79			76	73	72	50		0.21	-
17	95	71			70	77	86	49		0.05*	2.30
18	88	75			75	75	83	69		0.18	-
19	89	80			75	73	83	62		0.25	-
20	91	80			74	75	78	49		0.18	-
21	84	78			76	76	91	75		0.05	-
22	86	78			77	76	83	51		0.09	0.02
23	97	77			68	70	66	81		0.31	-
24	92	75			74	70	86	44		0.26	0.13
25	95	77			68	73	63	59		0.26	-
26	89	76			76	70	87	44		0.19	-
27	95	80			76	73	83	75		0.23	-
28	90	74			73	73	91	78		0.14	0.30
29	82	76			76	74	87	65		0.08	0.03
30	88	79			76	77	83	69		0.18	-
31	91	81			77	73	79	91		0.19	-
Tot:										7.18	5.73
Ave:	93	78									

* Estimated evaporation.

SIALKOT

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	89	74			76	77	83	58		0.15*	1.62
2	94	80			78	76	79	53		0.22	-
3	96	81			79	75	80	49		0.26	-
4	98	81			74	77	65	56		0.30	-
5	97	77			74	77	71	56		0.29	-
6	97	79			74	71	71	45		0.26	-
7	96	79			74	71	71	45		0.27	-
8	97	79			73	71	71	54		0.30	-
9	92	70			67	71	90	58		0.37	0.45
10	87	70			73	71	75	58		0.14	0.02
11	87	76			75	77	79	76		0.12	0.12
12	87	72			74	75	86	57		0.14	0.17
13	92	78			74	74	78	55		0.24	-
14	93	70			64	74	68	60		0.27	0.03
15	90	74			69	74	77	60		0.23	-
16	91	70			67	75	85	65		0.31	0.54
17	91	72			71	63	74	53		0.14	-
18	89	69			68	68	90	50		0.16	-
19	92	65			62	69	71	55		0.28	0.19
20	89	70			70	69	90	58		0.19	-
21	89	62			57	51	69	33		0.23	-
22	85	58			58	57	78	38		0.27	-
23					55	56	64	36		0.23	-
24					58	58	70	32		0.22	-
25	94	67			59	60	57	34		0.24	-
26	93	66			58	58	56	32		0.25	-
27	93	67			62	63	64	38		0.24	-
28	93	67			62	61	64	35		0.24	-
29	93	69			63	60	68	34		0.25	-
30	94	66			61	59	71	34		0.25	-
Tot:										7.06	3.14
Ave:											

* Estimated evaporation.

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	67			60	65	60	42		0.21	-
2	93	67			64	63	68	41		0.20	-
3	93	68			64	57	76	37		0.21	-
4	92	65			57	59	58	37		0.24	-
5	92	67			53	64	47	40		0.24	-
6	94	67			59	61	62	39		0.22	-
7	93	66			61	63	71	39		0.24	-
8	93	66			61	61	71	39		0.23	-
9	93	69			65	61	76	42		0.19	-
10	92	66			61	63	71	41		0.19	-
11	92	63			61	59	79	33		0.22	-
12	95	63			61	67	67	41		0.24	-
13	97	65			60	65	70	42		0.22	-
14	94	66			67	69	77	48		0.23	-
15	93	65			59	68	66	50		0.20	-
16	93	68			62	69	64	48		0.22	-
17	92	65			55	65	58	44		0.20	-
18	93	66			52	58	53	45		0.22	0.02
19	89	60			53	65	64	46		0.24	--
20	91	65			49	48	51	32		0.22	-
21	87	65			47	50	44	46		0.23	0.03
22	77	60			48	63	53	61		0.22	0.42
23	82	56			52	57	71	47		0.19	-
24	81	54			51	60	66	48		0.16	-
25	83	55			52	55	71	41		0.17	-
26	84	54			51	58	66	45		0.16	-
27	84	55			50	58	62	45		0.14	-
28	86	57			50	55	62	41		0.15	--
29	86	56			50	60	62	48		0.15	-
30	85	55			50	57	62	47		0.16	-
31	83	54			53	55	72	49		0.15	-
Tot:										6.26	0.47
Ave:	90	62									

SIALKOT

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	83	56			52	57	71	47		0.13	-
2	83	54			51	58	76	50		0.14	-
3	82	52			51	58	71	48		0.15	-
4	84	54			52	58	71	48		0.13	-
5	86	52			49	58	61	45		0.13	-
6	85	53			49	58	61	45		0.13	-
7	87	53			56	58	94	45		0.13	-
8										0.12*	-
9										0.12*	
10	85	53			49	57	61	47		0.12	-
11	86	53			52	58	71	48		0.12	-
12	86	55			54	60	77	54		0.12	-
13	84	54			50	59	76	53		0.12	-
14	82	53			51	58	76	50		0.11	-
15	82	51			49	60	66	54		0.12	-
16	84	51			48	54	70	46		0.11	-
17	81	51			47	55	74	49		0.12	-
18	82	48			43	55	73	49		0.11	-
19	81	47			45	54	68	46		0.11	-
20	81	48			43	54	67	51		0.10	-
21	80	48			43	54	73	54		0.10	-
22	77	52			46	54	53	73		0.09	-
23	66	56			52	53	81	64		0.06	0.04
24	68	54			50	55	76	77		0.04	0.07
25	64	54			49	51	75	59		0.05	0.21
26	70	50			47	56	86	65		0.07	0.05
27	75	51			49	58	93	70		0.10	-
28	73	51			51	56	93	65		0.08	-
29	72	50			48	50	86	55		0.11	-
30	71	47			46	49	85	51		0.10	-
Tot:										3.24	0.37
Ave:											

* Estimated evaporation.

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	74	45			42	53	78	56		0.10	-
2	73	46			45	56	85	65		0.07	-
3	75	45			44	56	85	61		0.10	-
4	75	46			45	55	85	58		0.08	-
5	78	48			47	54	69	60		0.08	-
6	71	44			44	50	85	55		0.06	-
7	71	44			43	54	85	60		0.07	-
8	72	46			46	51	79	62		0.06	-
9	66	52			48	48	75	75		0.04	0.07
10	57	52			50	56	81	88		0.05	0.52
11	62	44			43	56	92	78		0.02	-
12	64	43			42	51	92	66		0.04	-
13	66	42			40	52	84	67		0.07	-
14	65	42			39	50	84	62		0.06	-
15	66	44			45	53	92	76		0.07	-
16	65	47			47	53	86	76		0.03	-
17	63	51			49	52	80	71		0.04	-
18	64	51			48	53	86	76		0.02	0.10
19	63	48			47	52	93	67		0.02	-
20	71	47			45	50	85	55		0.06	-
21	70	47			44	49	85	58		0.08	-
22	67	43			40	46	84	56		0.07	-
23	70	43			41	45	84	55		0.07	-
24	64	46			40	48	65	65		0.07	-
25	62	49			43	49	73	70		0.04	0.07
26	63	52			43	51	67	66		0.07	-
27	68	51			48	50	86	62		0.08	-
28	70	46			45	48	92	65		0.08	-
29	63	41			38	45	83	59		0.07	-
30	62	40			39	49	91	70		0.07	-
31	60	36			35	47	90	61		0.05	-
Tot:										1.89	0.76
Ave:	67	46									

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SIBI - 1972

Location Latitude 29°33', Longitude 67°53', nearly 3 miles from Sibi on the left bank of Nari Canal.

Elevation 440 ± ft. msl.

Period of record The station was established by the Project Director, Project Planning, Southern Zone (old L.I.P) on 13.12.64 and taken over by Surface Water Hydrology Project in December 1965.

Instruments
5" Non-recording rain gauge.
Maximum and Minimum air temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau Standard Evaporation pan.
Anemometer.

Annual figures

Precipitation	2.25 inches
Evaporation (Pan)	175.33 inches
Absolute maximum air temperatures	124°F
Absolute minimum air temperatures	16°F

Remarks Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are observed at 0800 hours and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temprratures are computed from wet and dry bulb temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

SIB:

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	40			41	23	53	17	55	0.18	-
2	74	39			34	23	68	17	48	0.18	-
3	73	37			41	26	77	18	25	0.13	-
4	75	38			38	28	51	19	32	0.12	-
5	78	40			32	23	40	16	44	0.14	-
6	77	41			34	14	41	13	103	0.28	-
7	72	31			41	14	84	12	68	0.22	-
8	71	36			35	21	62	16	41	0.16	-
9	72	38			33	23	51	16	15	0.14	-
10	76	37			35	1	62	6	75	0.23	-
11	77	38			41	-35	84	1	85	0.17	-
12	78	37			40	25	84	22		0.18	-
13	70	43			42	23	67	16	.9+	0.12	-
14	76	42			42	14	78	12	104	0.25	-
15	71	38			41	39	84	32	27	0.15	-
16	73	44			45	6	92	8	15	0.13	-
17	71	42			40	39	60	34	11	0.12	-
18	72	46			41	39	66	32	18	0.12	-
19	74	51			40	36	56	28	15	0.11	-
20	72	52			43	30	63	26	23	0.10	-
21	70	51			41	32	61	26	56	0.14	-
22	73	24			26	51	42	59	23	0.13*	-
23	72	35			19	43	31	44	55	0.21	-
24	71	39			30	23	59	18	36	0.16	-
25	72	38			32	45	55	46	14	0.13	-
26	72	39			35	41	74	38	23	0.14	-
27											-
28											-
29	73	42			50	43	87	37	76+	0.30+	-
30	74	51			52	53	87	93	59	0.14	0.18
31	58	52			52	55	93	100	34	0.02	0.15
Tot:										4.60	0.33
Ave:									45		

* Estimated evaporation.
\+ 3 days observation.

SIBI

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	58	51			52	46	93	53	29	0.08	0.08
2	69	44			30	28	54	27	84	0.19	-
3	66	39			30	18	65	17	57	0.15	-
4	68	38			30	-20	54	3	83	0.18	-
5	67	39			25	12	41	14	126	0.28	-
6	66	37			28	3	64	9	120	0.29	-
7	68	33			32	14	81	14	42	0.17	-
8	68	33			30	28	80	21	22	0.14	-
9	75	32			28	10	58	9	17	0.15	-
10	74	38			29	14	64	10	21	0.18	-
11	75	37			25	0	32	9	106	0.29	-
12	61	16			0	5	15	7	400	0.65	-
13	60	36			21	-2	29	7	285	0.49	-
14	70	38			9		21		247	0.55	-
15	71	35			24	23	55	22	52	0.19	-
16	65	35			28	18	52	18	35	0.15	-
17	67	36			32	30	66	25	28	0.15	-
18	70	38			37	36	83	28	22	0.16	-
19	73	39			35	39	68	30	16	0.16	-
20	76	38			39	34	77	24	22	0.17	-
21	77	37			40	33	71	20	19	0.15	-
22	80	46			42	28	50	18	29	0.23	-
23	77	37			12	3	19	10	349	0.80	-
24	66	36			5	3	17	10	365	0.64	-
25	63	34			15	3	28	9	279	0.53	-
26	67	40			25	7	41	10	185	0.44	-
27	69	35			28	-14	64	3	45	0.19	-
28	73	36			25		41		95	0.33	-
29	75	45			20	21	26	14	105	0.37	-
Tot:										8.45	0.08
Ave:	69	37							113		

SIBI

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	42			26	18	38	12	36	0.24	-
2	78	40			30	24	54	13	32	0.25	-
3	82	41			46		79		47	0.25	-
4	80	39			33	28	33	18	94	0.38	-
5	77	22			41	15	66	10	299	0.77	-
6	78	48			27	31	36	18	29	0.20	-
7	80	49			29	18	38	12	35	0.20	-
8	77	44			41	6	66	3	32	0.18	-
9	83	46			37	32	46	17	45	0.26	-
10	85	49			35	41	45	25	32	0.22	-
11	83	54			65	42	77	34	47	0.26	0.02
12	75	53			38	52	44	53	62	0.13	0.06
13	76	55			42	52	50	50	37	0.16	0.08
14	78	47			42	34	62	19	169	0.50	-
15	85	50			44	38	51	21	51	0.25	-
16	84	49			43	37	44	19	62	0.23	-
17	86	55			52	26	71	12	60	0.26	-
18	89	59			51	23	59	11	117	0.36	-
19	88	58			39	29	23	13	66	0.36	-
20	90	60			43	40	25	18	86	0.44	-
21	93	58			44	53	28	34	36	0.27	-
22	90	59			46	50	27	25	32	0.23	-
23	96	60			49	49	36	21	26	0.31	-
24	99	62			59	50	62	20	31	0.38	-
25					64	38	72	15	24	0.33	-
26	101	66			52	49	53	19	23	0.35	-
27	103	67			59	29	57	9	35	0.42	-
28	101	65			53	51	47	21	59	0.50	-
29	99	71			19	50	10	29	123	0.69	-
30	93	62			37	23	24	9	149	0.83	-
31	95	59			45	29	46	11	68	0.57	-
Tot:										10.78	0.16
Ave:									66		

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	57			45	41	52	21	31	0.36	-
2	97	57			23	51	17	24	24	0.40	-
3	96	59			36	33	28	13	27	0.41	-
4	96	68			50	55	39	37	73	0.41	-
5	93	64			45	60	36	42	177	0.79	-
6	96	60			57	42	58	19	43	0.41	-
7	94	65			56	44	55	20	45	0.40	-
8	96	59			10	46	9	21	25	0.48	-
9	98	59			23	47	16	26	161	0.77	-
10	93	57			54	47	54	25	41	0.38	-
11	95	53			50	39	46	14	30	0.37	-
12	100	56			47	44	37	16	35	0.42	-
13	104	55			44	42	28	15	42	0.50	-
14	103	54			42	47	27	16	34	0.40	-
15	106	61			52	49	38	21	53	0.57	-
16	100	67			57	45	62	22	85	0.54	-
17	98	58			54	53	60	34	75	0.45	-
18	91	57			55	51	61	27	68	0.40	-
19	94	59			56	56	61	31	50	0.43	-
20	98	57			49	61	43	33	55	0.45	-
21	100	60			49	41	40	17	58	0.40	-
22	99	64			51	46	41	29	43	0.38	-
23	88	64			57	50	69	28	63	0.35	-
24	92	66			58	48	59	24	73	0.40	-
25	99	67			58	47	48	18	33	0.41	-
26	103	68			59	63	44	36	67	0.53	-
27	102	72			54	55	46	28	79	0.49	-
28	101	71			49	56	36	29	183	0.89	-
29	100	70			51	47	41	18	146	0.78	-
30	105	63			52	47	50	18	84	0.63	-
Tot:										14.59	0.00
Ave:	98	62							67		

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May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	66			46	41	33	14	53	0.57	-
2	105	76			49	44	29	16	115	0.76	-
3	104	75			48	42	28	15	74	0.57	-
4	101	73			68	56	66	23	77	0.50	0.10
5	104	73			56	46	44	18	101	0.65	-
6	102	76			58	58	48	29	113	0.73	-
7	100	70			51	56	39	26	107	0.60	-
8	101	72			52	59	29	26	43	0.50	-
9	105	75			58	58	35	24	50	0.60	-
10	107	77			61	66	49	31	45	0.50	-
11	109	78			61	51	44	16	55	0.58	-
12	113	78			58	50	39	16	55	0.63	-
13	112	75			50	41	28	12	101	0.80	-
14	111	74			58	45	43	15	118	0.94	-
15	109	73			59	59	37	25	77	0.66	-
16	109	80			73	50	59	16	79	0.56	-
17	113	70			63	66	41	31	97	0.82	-
18	112	73			56	59	31	20	68	0.70	-
19	115	77			53	61	27	20	160	0.96	-
20	116	79			42	62	17	21	176	1.14	-
21	119	80			48	54	22	15	141	1.05	-
22	119	83			56	47	32	13	87	0.87	-
23	113	78			41	46	18	15	289	1.50	-
24	107	63			23	48	9	16	319	1.45	-
25	109	88			41	52	21	17	295	1.50	-
26	111	81			46	54	24	18	275	1.40	-
27	112	82			52	38	29	9	150	1.00	-
28	112	81			55	28	37	8	87	0.90	-
29	111	80			40	39	26	11	60	0.74	-
30	112	74			54	53	37	18	41	0.60	-
31	113	77			53	55	33	18	56	0.65	-
Tot:										24.78	0.10
Ave:	109	76							115		

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June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	114	79			61	55	35	19	73	0.70	-
2	114	82			53	50	30	14	78	0.67	-
3	115	72			70	44	53	12	74	0.75	-
4	113	71			49	47	26	12	89	0.72	-
5	115	76			57	52	33	17	137	0.90	-
6	112	82			51	65	30	28	80	0.70	-
7	111	81			48	57	24	18	83	0.80	-
8	112	75			30	58	10	19	178	1.20	-
9	113	83			62	36	37	8	204	1.20	-
10	116	78			43	65	18	22	40	0.71	-
11	117	81			53	43	27	9	50	0.62	-
12	120	80			76	48	53	12	97	0.76	-
13	119	83			66	51	43	14	58	0.60	-
14	119	83			69	27	48	5	77	0.80	-
15	120	72			68	43	55	10	73	0.85	-
16	119	79			61	45	39	10	73	0.78	-
17	121	72			71	50	49	12	62	0.63	-
18	122	82			69	59	48	15	84	0.74	-
19	124	86			40	11	12	3	147	1.20	-
20	121	86			68	13	45	3	150	1.10	-
21	116	86			71	24	49	6	92	0.75	-
22	115	88			67	32	41	7	84	0.80	-
23	116	86			70	51	44	18	86	0.77	-
24	114	85			69	53	48	18	89	0.79	-
25	116	86			68	38	45	9	122	0.90	-
26	114	83			68	37	45	10	126	0.80	-
27	113	87			68	50	45	18	147	0.90	-
28	107	60			68	59	55	24	154	0.55	-
29	109	65			75	66	79	36	115	0.59	0.29
30	103	73			68	55	52	19	52	0.45	-
Tot:										23.73	0.29
Ave:	115	79							99		

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July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	110	74			70	54	67	18	129	0.69	0.02
2	109	71			70	64	53	26	73	0.50	-
3	112	85			75	57	57	21	77	0.66	-
4	111	86			72	55	54	21	133	0.70	-
5	108	87			71	57	54	23	134	0.67	-
6	108	82			68	61	52	32	143	0.71	-
7	102	82			70	61	55	30	158	0.62	-
8	104	84			71	61	54	28	93	0.57	-
9	109	70			74	60	78	31	136	0.77	0.97
10	100	77			77	62	69	29	48	0.40	-
11	105	84			76	65	63	32	82	0.56	-
12	107	86			75	55	57	24	91	0.53	-
13	103	88			76	58	63	24	145	0.58	-
14	107	86			75	62	63	27	107	0.59	-
15	109	85			73	58	62	24	82	0.70	-
16	109	85			70	53	55	18	65	0 43	-
17	110	83			73	56	57	22	96	0.66	-
18	109	84			73	51	57	16	91	0.60	-
19	112	84			76	43	66	13	90	0.61	-
20	109	83			73	48	59	16	113	0.67	-
21	108	83			70	61	53	26	126	0.69	-
22	109	84			69	59	50	23	105	0.65	-
23	111	86			71	61	56	26	108	0.68	-
24	111	83			73	62	57	25	114	0.70	-
25	111	86			69	64	50	26	98	0.63	-
26	113	86			71	60	54	21	95	0.70	-
27	115	85			70	63	53	24	106	0.74	-
28	113	84			67	60	49	21	93	0.67	-
29	114	83			70	59	53	22	87	0.70	-
30	111	83			70	60	55	21	151	0.78	-
31	110	81			73	67	59	30	146	0.75	-
Tot:										19.91	0.99
Ave:	109	83							107		

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	108	82			71	68	56	29	116	0.64	-
2	111	86			73	64	59	26	105	0.65	-
3	110	87			71	62	54	25	117	0.68	-
4	110	88			72	65	54	27	104	0.67	-
5	111	88			69	63	50	26	114	0.70	-
6	109	88			62	64	41	26	96	0.64	-
7	109	88			69	63	50	23	90	0.63	-
8	112	87			65	55	46	19	102	0.65	-
9	113	85			65	57	44	19	95	0.62	-
10	114	87			63	59	39	20	93	0.60	-
11	115	89			66	61	47	20	104	0.62	-
12	116	87			61	57	39	18	117	0.68	-
13	115	86			64	61	44	20	24	0.66	-
14	113	87			61	60	39	21	20	0.67	-
15	112	86			64	57	44	18	32	0.65	-
16	114	87			62	54	41	16	23	0.66	-
17	113	86			63	58	41	20	18	0.67	-
18	110	85			61	56	42	20	24	0.65	-
19	111	84			60	53	42	17	23	0.63	-
20	110	84			60	57	42	21	24	0.62	-
21	109	85			59	59	40	22	34	0.63	-
22	108	86			61	60	40	21	21	0.61	-
23	112	87			62	58	41	20	30	0.70	-
24	111	88			65	59	42	23	88	0.72	-
25	110	89			61	55	39	20	173	1.15	-
26	109	88			60	51	38	18	188	1.30	-
27	108	86			63	54	43	20	180	1.28	-
28	107	85			61	55	44	19	175	1.20	-
29					66	54	63	18	172	1.12	-
30	109	76			68	60	66	21	98	0.80	-
31	112	77			68	55	70	19	105	0.82	-
Tot:										23.32	0.00
Ave:									89		

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September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	111	75			66	59	63	20	110	0.88	-
2	113	77			67	55	63	18	88	0.68	-
3	112	77			69	57	70	19	80	0.67	-
4	110	78			69	51	64	16	77	0.63	-
5	109	80			69	46	60	15	75	0.57	-
6	107	80			69	48	58	16	80	0.61	-
7	107	81			67	47	52	16	88	0.65	-
8	106	80			64	52	48	19	80	0.57	-
9	106	80			71	53	64	18	85	0.60	-
10	110	79			66	51	63	18	130	0.99	-
11	109	78			70	53	74	18	110	0.75	-
12	108	77			63	55	50	19	120	0.90	-
13	110	80			64	55	55	19	100	0.80	-
14	112	78			69	54	70	18	87	0.69	-
15	111	79			68	56	66	20	90	0.70	-
16	112	76			68	45	67	14	88	0.68	-
17	109	70			70	59	67	25	90	0.67	-
18	107	73			60	53	46	18	130	0.80	-
19	109	76			44	48	24	17	210	1.11	-
20	102	68			47	48	37	19	200	0.92	-
21	100	67			46	53	39	24	198	0.93	-
22	99	61			46	49	43	20	115	0.60	-
23	99	59			59	50	74	20	70	0.48	-
24	101	60			61	52	89	21	85	0.58	-
25	103	59			54	28	73	8	80	0.50	-
26	105	59			58	27	66	7	83	0.52	-
27	106	63			51	5	56	3	93	0.53	-
28	104	62			50	56	58	28	80	0.48	-
29	102	64			55	46	61	17	90	0.54	-
30	103	58			50	41	46	14	59	0.47	-
Tot:										20.50	0.00
Ave:	107	72							102		

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October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	62			49	41	40	14	53	0.50	-
2	105	69			52	45	53	15	30	0.44	-
3	104	64			57	50	55	20	31	0.46	-
4	102	69			60	46	63	18	89	0.55	-
5	100	65			50	10	39	4	99	0.54	-
6	100	55			54	35	51	12	91	0.56	-
7	102	60			57	46	65	18	45	0.45	-
8	100	61			58	39	70	14	54	0.43	-
9	101	59			48	36	50	10	39	0.43	-
10	100	57			46	50	53	23	35	0.40	-
11	101	56			44	46	45	17	41	0 43	-
12	103	59			50	28	48	8	53	0.50	-
13	105	68			50	45	46	15	99	0.70	-
14	104	68			51	50	47	23	93	0.60	-
15	102	60			69	39	95	13	57	0.45	-
16	103	59			59	44	74	16	47	0.43	-
17	102	56			57	45	69	19	36	0.40	-
18	99	61			59	41	74	15	50	0.40	-
19	100	64			57	38	74	15	55	0.41	-
20	97	62			52	33	63	13	59	0.38	-
21	94	60			41	20	41	7	41	0.35	-
22	95	57			59	39	79	20	58	0.30	-
23	93	55			58	33	78	16	49	0.29	-
24	90	53			61	34	94	15	33	0.30	-
25	91	57			59	45	88	25	39	0.30	-
26	89	52			49	51	70	33	36	0.29	-
27	88	52			44	50	45	31	36	0.29	-
28	91	54			43	47	39	26	28	0.27	-
29	90	46			49	44	70	23	33	0.25	-
30	92	44			50	47	76	25	38	0.26	-
31	92	45			53	40	76	18	23	0.25	-
Tot:										12.61	0.00
Ave:	98	58							51		

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November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	93	48			54	53	77	31	34	0.28	-
2	91	50			57	49	83	26	32	0.28	-
3	90	51			58	47	83	25	35	0.29	-
4	92	54			55	43	73	21	27	0.23	-
5	94	35			45	2	59	3	24	0.26	-
6	93	46			46	22	60	9	20	0.21	-
7	95	48			50		81		22	0.23	-
8											-
9											-
10	94	50			45		63		69+	0.71+	-
11	93	56			46		64		19	0.20	-
12	92	49			45	15	55	6	33	0.22	-
13	90	54			47	50	61	33	27	0.20	-
14	91	52			53	39	72	23	38	0.21	-
15	92	55			43	37	63	22	32	0.26	-
16	92	54			41	38	49	21	30	0.24	-
17	94	57			46	44	64	28	34	0.22	-
18	89	54			47	46	69	27	28	0.21	-
19	89	54			46	41	60	25	31	0.22	-
20	90	58			49	45	61	27	26	0.23	-
21	89	59			61	49	89	34	29	0.25	-
22	88	60			60	52	94	36	80	0.20	-
23	91	58			58	48	83	32	52	0.24	-
24	89	59				47		31	88	0.30	-
25	88	57			59	50	94	37	33	0.23	-
26	86	49			48	31	86	18	27	0.19	-
27	79	44			50	11	87	8	37	0.18	-
28	80	43			49	15	80	9	35	0.20	-
29	82	40			48	11	65	8	15	0.20	-
30	80	48			41		53		16	0.18	-
Tot:										6.87	0.00
Ave:									32		

+ 3 days observation.

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Move-ment Miles	Evapo-ration inches	Rain inches
1	82	43			37		43		18	0.20	-
2	79	42			37	7	46	6	15	0.19	-
3	83	45			45	18	79	11	23	0.13	-
4	84	47			46	15	79	10	18	0.14	-
5	83	46			49	12	93	7	24	0.15	-
6	84	48			46		85	1	20	0.17	-
7	81	44			48	1	86	5	29	0.18	-
8	79	50			44	6	55	7	57	0.15	-
9	75	49			47	43	80	32	84	0.45	-
10	75	36			43	18	85	13	123	0.38	-
11	73	35			41	26	77	18	17	0.17	-
12	74	38			46	44	85	33	15	0.18	-
13	78	37			38	48	76	40	12	0.14	-
14	78	35			31	46	60	39	14	0.15	-
15	77	36			30	47	54	37	14	0.14	-
16	77	34			37	45	64	36	12	0.12	-
17	78	40			36	45	63	38	37	0.11	-
18	77	43			40	51	71	49	35	0.10	-
19	76	44			37	48	64	42	37	0.12	-
20	77	43			44	52	85	53	17	0.13	-
21	74	46			46	50	85	48	32	0.10	-
22	74	45			39	52	77	53	14	0.10	-
23	75	43			48	6	86	8	9	0.12	-
24	73	49			48	50	86	48	38	0.11	-
25	74	44			36	48	58	50	26	0.12	-
26	70	46			49	46	93	60	63	0.11	0.30
27	62	41			37	55	83	88	32	0.30	-
28	64	41			38	38	83	44	74	0.20	-
29	65	39			38	38	91	41	61	0.30	-
30	67	34			34	35	82	34	25	0.12	-
31	68	31			34	52	68	53	24	0.11	-
Tot:										5.19	0.30
Ave:	75	42							33		

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Location	Latitude 32°13', Longitude 70°23', in WAPDA Colony about one furlong from WAPDA Rest House.
Elevation	800 ± ft. msl.
Period of record	Rain gauge station since September, 1960, observatory established by Surface Water Hydrology Project WAPDA since January, 1970.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard evaporation pan.
Annual figures	Precipitation 9.96 inches Evaporation incomplete. Absolute Maximum air temperature 121°F Absolute Minimum air temperature 31°F
Remarks	Observations of precipitation, pan evaporation, maximum and minimum temperatures, are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

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January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1										0.20*	-
2	72	39			30	49	54	51		0.20	-
3	71	38			34	50	62	55		0.19	-
4	70	39			32	49	61	54		0.18	-
5	75	36			38	48	55	53		0.21	-
6	74	37			34	41	48	43		0.21	-
7	73	38			41	50	61	58		0.20	-
8	75	38			34	49	44	54		0.21	-
9	73	39			32	45	55	46		0.18	-
10	72	39			34	50	62	55		0.20	-
11	74	38			36	53	63	64		0.24	-
12	70	38			25	50	41	58		0.19	-
13	70	34			40	53	71	68		0.21	-
14	74	31			39	8	70	11		0.22	0.08
15	74	36			39	14	77	14		0.18	-
16	71	42			26		67			0.17	-
17	70	41			30	50	59	58		0.16	-
18	72	42			51	43	81	44		0.15	-
19	73	41			49	49	75	58		0.14	-
20	67	52			46	51	69	81		0.11	-
21	62	51			51	50	93	81		0.03	0.16
22	61	51			50	49	93	75		0.03	0.18
23	67	52			46	52	69	87		0.10	-
24	64	53			51	55	87	100		0.12	-
25	63	51			49	51	75	81		0.12	-
26										0.10*	-
27										0.10*	-
28										0.10*	-
29	62	51			48	51	75	81		0.10	-
30	73	39			48	48	86	80		0.01	0.28
31	72	38			49	56	93	87		0.00	0.50
Tot:										4.55	1.20
Ave:											

* Estimated evaporation.

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	37			49	43	93	73		0.08	-
2	71	37			45	45	85	79		0.10	-
3	71	38			47	43	93	78		0.11	-
4	72	36			41	37	77	59		0.10	-
5	70	35			40	33	77	51		0.12	-
6	68	34			32	29	61	45		0.10	-
7	66	33			32	23	66	34		0.11	-
8	68	34			34	30	68	59		0.12	-
9	72	32			30	15	59	28		0.13	-
10	71	33			33	21	67	42		0.11	-
11	70	31			28	29	58	53		0.10	-
12	68	32			30	23	59	40		0.08	0.30
13	64	33			28	30	56	59		0.09	-
14	65	34			29	28	53	58		0.11	-
15	75	34			55	27	77	57		0.12	-
16	76	33			56	28	78	58		0.13	-
17	74	31			54	23	77	49		0.11	-
18	75	32			55	22	77	47		0.12	-
19	75	31			56	14	78	33		0.12	-
20	76	33			57	48	83	50		0.12	-
21	74	55			48	44	70	45		0.11	-
22	73	55			49	43	75	44		0.11	-
23	69	53			48	41	75	43		0.12	-
24	68	52			48	40	80	42		0.10	-
25	69	53			51	43	87	44		0.12	-
26	70	54			52	45	87	49		0.13	-
27	73	55			49	45	75	46		0.11	-
28	69	56			52	44	87	45		0.12	-
29	72	55			47	59	74	62		0.13	-
Tot:										3.23	0.30
Ave:	71	40									

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March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	78	49			34	58	44	59		0.13	-
2	77	48			32	59	43	59		0.12	-
3	79	49			35	56	45	52		0.14	-
4	78	49			30	59	37	59		0.13	-
5	79	44			47	57	57	53		0.14	-
6	80	45			50	56	62	52		0.14	-
7	81	46			49	59	61	53		0.15	-
8	78	44			45	57	52	53		0.17	0.05
9	79	51			49	56	61	46		0.15	-
10	78	50			45	56	52	46		0.12	-
11	78	50			45	54	55	48		0.13	-
12	79	51			49	54	61	46		0.16	-
13	79	50			47	54	57	43		0.15	-
14	85	51			57	54	83	41		0.16	-
15	84	50			54	54	73	38		0.15	-
16	86	52			57	52	78	38		0.17	-
17	84	51			54	50	68	37		0.16	-
18	85	51			53	54	68	43		0.15	-
19					55	55	64	51		0.13	0.07
20					57	52	78	44		0.13	0.08
21					59	53	89	45		0.14	-
22	76	56			59	56	74	46		0.15	-
23					61	57	84	40		0.16	-
24					54	58	54	39		0.18	-
25					49	58	43	35		0.19	-
26	93	68			54	59	54	36		0.20	-
27	92	67			55	59	58	36		0.22	0.04
28	90	66			52	73	44	71		0.22	-
29	90	64			54	46	51	23		0.26	-
30	89	71			46	11	39	5		0.27	-
31	89	71			44	46	35	23		0.28	-
Tot:										5.15	0.24
Ave											

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April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	64			52	44	44	23		0.29	-
2	94	57			49	46	43	23		0.27	-
3	95	57			50	45	46	22		0.28	-
4	95	58			51	43	47	21		0.31	0.03
5	96	58			53	44	47	20		0.29	-
6	96	59			54	41	51	18		0.32	0.03
7	94	56			49	46	45	23		0.27	0.30
8	95	56			45	44	38	20		0.27	-
9	94	58			51	41	47	18		0.28	-
10	93	58			54	43	54	19		0.27	-
11	92	63			55	38	51	15		0.27	-
12	92	64			55	40	51	16		0.28	-
13	93	65			52	35	44	12		0.29	-
14	94	65			54	33	48	11		0.29	-
15	96	62			54	40	51	14		0.30	-
16	98	63			62	42	75	15		0.31	0.03
17	98	64			61	57	71	28		0.31	-
18	86	57			58	63	78	33		0.28	1.15
19	97	64			64	61	76	32		0.30	-
20	96	64			59	64	59	35		0.29	-
21	96	63			55	65	49	35		0.28	-
22		63			56	66	46	37		0.30	-
23					56	63	44	33		0.31	-
24					58	66	48	36		0.30	-
25	98	65			60	63	49	41		0.31	-
26	98	67			65	70	65	47		0.30	-
27	100	66			68	61	77	49		0.30	0.14
28	89	65			61	60	63	46		0.31	0.03
29	87	61			59	58	59	43		0.32	0.02
30	96	61			54	61	43	47		0.31	-
Tot:										8.81	1.73
Ave:											

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May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	61			52	65	42	51		0.30	-
2	98	65			47	70	35	55		0.31	-
3	99	64			54	69	41	55		0.32	-
4	97	65			51	63	35	50		0.30	-
5	94	62			57	60	49	42		0.36	0.18
6	95	63			60	66	54	47		0.29	-
7	94	61			61	68	57	52		0.32	0.13
8	96	62			60	73	54	57		0.30	-
9	97	63			55	73	43	59		0.31	-
10	97	64			58	68	48	45		0.32	-
11	98	65			62	67	55	45		0.32	-
12	101	66			65	71	59	49		0.33	-
13	103	65			68	74	63	52		0.33	-
14	99	64			61	75	51	50		0.31	0.27
15	106	67			64	67	53	32		0.34	-
16	107	67			65	64	53	26		0.38	0.05
17	108	69			67	55	57	18		0.35	-
18	108	74			72	62	65	23		0.33	-
19	110	74			70	58	61	19		0.37	-
20	110	75			65	59	42	18		0.36	-
21					63	61	36	22		0.34	-
22					65	77	38	45		0.33	-
23	106	75			64	78	40	46		0.34	-
24	107	74			72	79	59	46		0.35	-
25	108	72			66	76	51	45		0.35	-
26	108	69			66	73	56	40		0.37	-
27	109	67			65	37	53	10		0.37	-
28	103	69			65	39	46	11		0.36	-
29	104	69			62	83	40	51		0.47	-
30	105	74			65	82	46	51		0.48	-
31	105	75			65	84	49	52			

Tot:

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June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	76			64	84	48	54		0.48	
2	108	78			68	87	50	62		0.49	
3	107	77			65	85	42	54		0.47	
4	110	79			71	90	49	60		0.49	
5	108	79			71	91	51	61		0.48	
6	110	77			72	94	49	68		[illegible]	
7	109	78			70	91	44	58		0.51	
8	110	76			66	90	37	58		0.52	
9	111	76			66	87	39	51		0.52	
10	112	75			62	89	31	54		0.53	
11	112	74			65	91	35	56		0.52	
12	113	74			64	90	32	62		0.53	
13	115	76			62	75	31	50		0.54	
14	116	79			61	65	30	30		0.55	
15	117	80			66	72	37	37		0.56	
16	118	78			66	57	39	23		0.56	
17	118	79			65	59	38	23		0.58	
18	119	81			62	70	31	33		0.59	
19	120	82			62	65	31	30		0.60	
20	120	83			63	63	33	26		0.60	
21	118	81			64	59	33	25		0.58	
22	119	82			69	70	42	33		0.57	
23	121	84			65	66	38	29		0.59	
24	120	85			71	60	49	26		0.58	
25	118	82			71	62	51	29		0.85	
26	115	74			75	67	72	38		0.77	0.37
27	111	74			71	65	61	31		0.78	0.17
28	102	82			73	53	57	17		0.80	0.06
29	114	78			74	61	71	22		0.83	
30	112	76			76	61	79	20		0.82	
Tot:										17.80	0.60
Ave:	114	79									

* Estimated evaporation.

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July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	110	75			75	57	72	19		0.80	-
2	110	75			77	59	58	18		0.80	-
3					75	63	55	22		0.81	-
4	110	75			77	67	58	25		0.78	-
5	111	76			76	72	58	29		0.80	-
6					73	68	57	29		0.89	0.13
7	111	73			73	71	57	32		0.82	-
8	110	73			68	75	50	38		0.81	-
9	106	79			79	72	73	37		0.79	-
10	104	79			78	74	69	37		0.80	-
11	110	73			73	64	50	26		0.78	-
12					71	75	51	40		0.75	0.25
13	109	72			75	73	55	39		0.78	-
14	111	74			78	77	56	45		0.80	-
15	112	75			76	75	53	41		0.81	-
16	112	74			75	73	53	39		0.81	-
17	110	73			74	66	52	31		0.80	-
18	107	74			74	73	71	50		0.78	0.05
19	106	74			73	79	75	56		0.79	0.03
20	109	75			77	75	56	43		0.81	-
21	111	76			78	78	59	46		0.82	-
22	109	78			79	74	61	42		0.81	-
23	108	81			77	75	56	41		0.47	-
24	109	82			74	82	52	62		0.51	-
25	108	86			81	79	70	59		0.50	-
26	107	88			84	81	81	65		0.48	-
27	103	84			72	65	54	27		0.43	-
28	107	84			74	76	52	37		0.51	-
29	111	86			72	68	49	31		0.67	-
30	108	82			66	70	47	33		0.69	-
31	105	78			65	71	46	34		0.52	1.50
Tot:										22.42	1.96
Ave:											

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	111	83			68	69	50	32		0.71	-
2	110	84			65	71	44	36		0.70	-
3	109	85			67	73	45	36		0.71	-
4	108	83			67	74	49	39		0.69	-
5	109	84			64	73	44	39		0.69	-
6	111	86			72	71	47	35		0.71	-
7	110	85			69	73	58	39		0.70	-
8	109	75			73	75	57	43		0.68	-
9	107	76			70	80	55	48		0.68	-
10	107	74			67	75	54	43		0.67	-
11	106	75			71	73	64	39		0.69	-
12	109	75			71	74	54	39		0.67	-
13	108	75			73	76	57	43		0.66	-
14	107	76			70	75	48	43		0.65	-
15	108	79			67	74	45	46		0.65	-
16	106	80			64	77	44	49		0.67	-
17	105	81			61	80	42	62		0.68	-
18	95	69			58	73	43	54		0.29*	0.81
19	102	72			57	75	42	53		0.65	-
20	104	81			65	71	49	36		0.65	0.90
21	105	81			68	64	50	32			-
22	103	80			51	62	41	31			-
23	104	82			53	65	33	35			-
24	107	84			63	61	46	32			-
25	105	83			61	64	44	36			-
26	104	84			52	59	29	27			-
27	103	81			53	43	33	13			-
28	105	78			74	61	78	28			-
29	102	81			77	59	87	27			-
30	102	81			73	60	62	29			-
31	104	83			76	62	63	31			-
Tot:											1.71
Ave:	106	80									

* Estimated evaporation.

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September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	103	82			73	59	62	28		0.65	-
2	105	86			75	62	69	31		0.66	-
3	106	80			73	53	59	18		0.65*	-
4	104	78			68	60	52	24		0.64	-
5	106	77			69	56	50	22		0.66	-
6	104	80			71	60	58	26		0.67	-
7	105	82			70	62	55	27		0.68	-
8	106	83			73	65	59	30		0.67	-
9	104	82			71	57	58	23		0.65	-
10	103	81			74	65	71	30		0.64	-
11	103	83			72	65	65	30		0.63	-
12	103	80			71	70	61	33		0.62	-
13	105	81			71	67	58	30		0.60	-
14	104	82			69	66	58	29		0.61	-
15					66	65	56	28		0.60	-
16					68	63	63	30		0.59	-
17	100	75			65	44	56	18		0.58	-
18	98	74			67	39	63	15		0.59	-
19	94	67			63	45	80			0.58	-
20					60	39	63	14		0.58	-
21	96	67			54	45	48	17		0.57	-
22	98	68			57	40	55	14		0.59	-
23	99	65			58	33	56	11		0.58	0.36
24	103	64			52	44	50	18		0.57	-
25	105	65			58	39	59	14		0.58	-
26	109	67			53	44	47	18		0.62	-
27	108	67			57	41	53	15		0.54	-
28	98	69			54	41	41	15		0.36	-
29	100	70			58	49	48	21		0.38	-
30	99	7[illegible]			57	44	42	18		0.37	-
Tot.										17.71	0.36
Ave:											

* Estimated evaporation

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October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Mix	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	70			58	49	45	21		0.37	-
2	99	71			56	52	44	25		0.36	-
3	98	70			59	53	46	24		0.35	-
4	98	71			58	51	45	24		0.36	-
5	97	69			55	47	39	20		0.37	-
6	98	68			54	45	41	19		0.35	-
7	100	71			57	49	42	20		0.38	-
8	100	70			58	47	45	20		0.37	-
9	98	71			56	45	44	19		0.36	-
10	99	70			58	47	45	20		0.35	-
11	98	68			55	44	43	18		0.34	-
12	97	66			56	35	46	12		0.34	-
13	98	69			60	35	48	12		0.35	-
14	96	68			58	30	48	10		0.33	-
15	96	67			54	25	41	8		0.34	-
16	94	67			54	20	43	7		0.35	-
17	93	65			50	30	39	12		0.34	-
18	92	65			46	27	33	11		0.34	-
19	90	64			51	18	41	8		0.33	-
20	88	62			45	17	36	8		0.32	-
21	87	59			46	19	41	9		0.34	-
22					40	43	45	25		0.30	-
23					35	45	36	25		0.28	-
24					40	40	45	22		0.27	-
25	87	61			41	38	46	21		0.26	-
26	87	62			38	37	41	18		0.25	-
27	89	54			39	39	36	19		0.23	-
28	90	52			35	23	34	10		0.23	-
29	90	53			33	21	31	9		0.24	-
30	90	52			32	17	29	8		0.23	-
31	91	53			39	14	36	7		0.25	-
Tot:										9.88	0.00
Ave:											

TANK

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	90	51			37	9	35	5		0.24	-
2	89	54			43	26	47	12		0.23	-
3	88	53			40	28	42	13		0.23	-
4	89	52			49	19	61	9		0.22	-
5	88	53			47	23	57	11		0.23	-
6	90	53			49	26	58	12		0.24	-
7	90	54			52		67			0.23	-
8										0.24*	-
9										0.24*	-
10	91	56			52	29	63	13		0.25	-
11	90	57			44	16	48	8		0.24	-
12	90	56			43	12	44	7		0.23	-
13	89	54			41	25	43	12		0.23	-
14	88	53			40	28	42	13		0.22	-
15	87	52			32	20	29	9		0.21	-
16	86	54			32	9	29	5		0.20	-
17	87	53			55		32			0.21	-
18	87	52			28		25			0.22	-
19					50	33	76	20		0.19	-
20					53	33	87	21		0.21	-
21	76	53			51	42	87	34		0.20	-
22	72	50			52	38	87	27		0.21	0.35
23	73	54			46	42	74	34		0.21	-
24	72	53			50	37	81	29		0.18	-
25	72	51			48	42	75	36		0.17	-
26	72	48			45	39	73	32		0.16	-
27	73	47			47	34	80	26		0.18	-
28	74	46			48	39	80	30		0.19	-
29	72	47			43	36	73	28		0.18	-
30	71	46			46	42	79	36		0.17	-
Tot:										6.36	0.35
Ave:											

* Estimated evaporation.

TANK

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	70	47			42	35	67	30		0.17	-
2	72	48			43	34	67	26		0.18	-
3	73	47			46	39	69	32		0.19	-
4	72	47			41	34	53	27		0.18	-
5	71	45			43	32	67	26		0.18	-
6	72	46			45	34	68	27		0.19	-
7	70	44			47	34	74	29		0.17	-
8	67	42			42	32	72	29		0.16	0.47
9	68	47			45	32	73	28		0.16	-
10	69	45			41	32	61	26		0.17	-
11	70	47			42	37	62	31		0.18	-
12	72	48			45	36	63	28		0.19	-
13	71	48			43	32	63	24		0.18	-
14	70	49			45	30	63	23		0.17	-
15	71	50			48	35	75	30			-
16	72	53			47	40	74	37			-
17	70	54			48	39	75	34			-
18	69	53			46	44	74	45			-
19	68	53			42	43	62	44			-
20	69	52			41	41	61	43			-
21	68	50			41	40	66	42			-
22	67	50			37	40	59	45			-
23	65	51			40	35	60	39		0.16	-
24	60	45			36	41	63	53		0.12	0.18
25	60	45			37	37	64	43		0.14	-
26	61	47			46	32	92	43		0.07	0.23
27	56	46			12	19	23	22		0.05	-
28	59	41			11	0	24	9		0.14	-
29	62	40			22	5	43	11		0.19	-
30	63	36			28	-7	64	6		0.15	-
31	62	36			26	-14	63	4		0.14	-
Tot:											0.88
Ave:	67	47									

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TARBELA DAM COLONY - 1972

Location	Latitude 34°04', Longitude 72°43', Left bank of River Indus, in Tarbela Dam Project Colony.
Elevation	2,000 ± ft. msl.
Period of record	January 1961 to date, station established by Surface Water Hydrology Project WAPDA.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and Minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Anemometer.
Annual figures	Precipitation 20.77 inches Evaporation 103.98 inches Absolute maximum air temperature 114°F Absolute minimum air temperature 36°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, wind travel, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed at 0800 and 1700 hours on the date shown. Blank space indicates no record.(-) Indicates no precipitation.

TARBELA DAM

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	74	42			38	44	83	48		0.07	-
2	68	35			32	43	81	47		0.08	-
3	67	35			30	41	80	43		0.09	-
4	69	36			35	37	90	35		0.07	-
5	68	33			30	35	89	36		0.08	-
6	68	33			29	43	80	47		0.08	-
7	68	31			27	30	78	30		0.07	-
8	65	31			27	35	78	36		0.09	-
9	65	31			30	43	89	47		0.09	-
10	66	31			27	41	78	49		0.08	-
11	68	33			30	43	65	47		0.08	-
12	70	33			29	40	80	42		0.07	-
13	68	35			34	38	62	55		0.08	-
14	58	45			49	43	80	41		0.05	-
15	70	42			38	43	83	47		0.09	-
16	68	43			34	45	62	49		0.08	-
17	70	42			38	40	83	37		0.09	-
18	71	42			38	45	70	49		0.10	-
19	72	47			41	49	71	61		0.09	-
20	65	50			45	52	73	71		0.05	-
21	64	52			45	44	73	51		0.05	-
22	64	47			44	51	85	71		0.07*	1.07
23	63	46			45	51	92	81		0.03	-
24	59	46			41	53	84	76		0.02	-
25	64	46			46	52	92	81		0.03	-
26	60	45			44	53	92	76		0.02	-
27										0.03*	-
28										0.03*	-
29	60	46			44	51	92	71		0.03*	-
30					52	48	93	65		0.03	
31	62	52			51	54	93	93		0.02*	0.77
Tot:										1.94	1.84
Ave:											

* Estimated evaporation.

TARBELA DAM

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	53	45	48	43	47	51	93	77	15	0.04	0.05
2	63	45	60	42	43	37	92	48	6	0.05	-
3	63	42	61	39	22	34	41	40	18	0.12	-
4	63	42	61	37	24	37	47	56	12	0.13	-
5	58	39	57	37	33	37	69	52	12	0.11	-
6	61	40	60	39	35	25	69	34	30	0.11	-
7	61	42	60	39	36	40	76	47	19	0.10	-
8	64	41	62	38	36	37	76	44	21	0.09	-
9	68	43	64	39	24	35	36	38	29	0.13	-
10	68	46	62	40	34	35	54	44	24	0.12	-
11	60	48	62	44	34	41	46	67	20	0.08	-
12	63	42	57	40	38	41	77	67	84	0.21	1.10
13	54	40	51	38	37	38	84	66	28	0.06	0.05
14	51	37	48	36	38	36	91	70	22	0.05	-
15	46	36	45	36	37	35	91	47	11	0.04	-
16	58	38	57	36	30	32	66	39	12	0.08	-
17	61	39	61	37	29	32	60	34	16	0.11	-
18	64	40	62	38	30	37	56	39	13	0.10	-
19	65	43	64	40	33	37	57	37	7	0.12	-
20	68	46	66	41	35	41	59	46	14	0.14	-
21	70	48	67	42	44	42	69	55	18	0.15	-
22	62	50	56	46	42	42	59	55	63	0.12	-
23	64	47	58	45	45	48	80	63	43	0.10	-
24	65	45	61	45	35	42	59	59	17	0.07	0.03
25	63	42	62	43	27	37	49	42	20	0.12	-
26	64	40	64	38	29	32	55	34	20	0.10	-
27	64	42	64	38	25	33	43	30	16	0.13	-
28	68	45	66	41	28	36	45	32	14	0.15	-
29	70	46	69	43	33	36	53	32	21	0.16	-
Tot:										3.09	1.23
Ave:	62	43	60	40					22		

TARBELA DAM

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	70	47	69	44	35	46	55	45	21	0.18	-
2	73	49	72	45	38	38	53	29	24	0.20	-
3	75	52	73	46	38	41	46	29	24	0.19	-
4	79	55			41	47	51	58	33	0.20	-
5	66	50	63	49	46	46	80	54	55	0.12	0.08
6	66	51	64	49	45	43	69	43	18	0.10	-
7	71	55	71	50	43	49	56	59	48	0.16	-
8	67	48	64	48	47	44	93	64	22	0.09	0.81
9	57	47	60	45	45	49	75	50	57	0.11	0.40
10	71	52	71	46	37	48	45	52	25	0.15	-
11	70	55	69	48	42	45	55	53	13	0.13	-
12	64	53	58	51	47	48	70	81	45	0.09	0.02
13	66	48	60	45	47	51	81	51	66	0.12	0.77
14	72	51	72	46	47	51	70	54	15	0.12	-
15	72	56	72	47	51	50	72	56	14	0.14	-
16	68	53	64	48	50	52	71	45	15	0.11	-
17	76	57	76	51	46	51	57	42	27	0.18	-
18	78	59	79	53	41	51	45	48	33	0.21	-
19	77	57	75	54	53	51	83	68	35	0.15	0.05
20	65	55	64	53	50	51	67	42	33	0.12	0.04
21	78	59	79	54	43	51	46	40	41	0.18	-
22	80	59	79	54	41	54	42	42	34	0.20	-
23	82	61	81	54	43	50	43	31	37	0.25	-
24	86	64	83	56	47	54	48	38	40	0.31	-
25	87	66	83	57	44	42	37	25	45	0.32	-
26	86	62	81	57	45	60	42	58	88	0.31	0.27
27	81	59	78	55	48	60	52	52	96	0.27	0.48
28	82	64	82	57	47	53	46	46	12	0.23	-
29	81	60	79	55	57	58	83	49	79	0.19	0.08
30	82	61	82	57	48	54	49	38	41	0.25	-
31	85	62	84	56	42	52	38	35	40	0.29	-
Tot:										5.67	3.00
Ave:	74	56							38		

TARBELA DAM

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	85	61	85	55	42	47	38	28	37	0.32	-
2	87	60	85	56	41	51	37	33	38	0.33	-
3	87	63	84	56	42	43	38	32	33	0.30	-
4	77	60	72	55	45	51	50	68	91	0.26	0.02
5	67	54	63	52	46	54	54	47	37	0.20	0.08
6	80	60	81	55	48	52	49	37	35	0.23	-
7	85	63	85	56	50	53	53	39	31	0.26	-
8	84	64	85	58	45	41	42	29	40	0.32	-
9	84	59	85	55	45	53	47	39	52	0.34	-
10	84	60	84	56	47	52	43	37	35	0.30	-
11	85	65	86	58	47	51	40	29	48	0.35	-
12	88	67	88	60	44	50	35	27	37	0.36	-
13	91	69	90	60	36	50	24	24	42	0.34	-
14	95	72	93	62	37	49	22	25	53	0.36	-
15	95	68	92	62	42	59	31	71	41	0.38	-
16	82	61	79	59	46	48	45	39	86	0.27	0.33
17	82	60	79	58	49	50	50	34	74	0.25	-
18	85	61	85	58	56	54	70	49	48	0.24	0.05
19	78	60	79	56	53	50	61	34	50	0.25	-
20	84	54	85	53	43	54	43	42	93	0.30	0.45
21	81	64	82	54	46	51	45	33	54	0.28	-
22	87	66	87	57	39	51	28	29	37	0.33	-
23	90	70	88	58	33	45	20	22	45	0.35	-
24	93	73	91	59	37	50	22	24	48	0.34	-
25	94	72	91	60	39	49	23	23	42	0.41	-
26	96	77	91	61	41	53	23	27	88	0.50	-
27	97	73	92	61	57	55	53	43	61	0.48	-
28	85	60	83	60	60	51	89	48	52	0.30	0.59
29	75	61	76	58	57	57	70	39	57	0.24	0.03
30	86	67	85	60	49	46	41	27	44	0.27	-
Tot:										9.46	1.55
Ave:	86	64	84	58					51		

TARBELA DAM

May 1972

Date	TEMPERARURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Move-ment Miles	Evapo-ration inches	Rain inches
1	90	66	89	58	49	44	41	23	104	0.31	-
2	91	66	89	58	45	42	37	25	61	0.38	-
3	91	70	89	59	46	48	35	24	87	0.42	-
4	93	72	91	60	44	56	29	37	70	0.45	-
5	90	67	88	54	56	54	66	42	28	0.40	-
6	80	63	76	59	48	49	39	35	74	0.30	0.07
7	81	62	76	59	58	53	63	31	70	0.29	0.01
8	89	70	89	62	59	57	57	36	37	0.33	-
9	92	71	91	64	59	46	57	23	22	0.33	-
10	91	74	89	65	50	57	34	33	71	0.35	-
11	94	76	89	65	50	51	34	23	41	0.38	-
12	98	78	92	65	45	50	24	18	43	0.42	-
13	105	74	95	65	49	53	32	28	11	0.52	-
14	98	66	92	63	54	54	49	30	72	0.46	0.04
15	94	73	92	63	54	53	35	22	23	0.48	-
16	101	78	96	64	46	52	26	23	53	0.47	-
17	99	74	93	65	47	49	28	19	29	0.44	-
18	102	76	96	66	46	50	26	18	34	0.17	-
19	104	77	96	66	49	49	26	17	37	0.51	-
20	105	79	96	65	36	47	15	15	38	0.53	-
21	107	83	96	67	38	50	15	17	46	0.56	-
22	108	78	97	67	58	47	49	20	59	0.54	-
23	96	72	86	64	56	53	53	28	124	0.49	-
24	93	72	86	64	53	47	39	25	126	0.52	-
25	91	67	82	63	51	56	36	28	157	0.57	0.13
26	98	70	93	63	50	40	34	16	39	0.48	-
27	97	70	92	60	42	43	26	17	42	0.51	-
28	97	73	92	60	37	35	18	12	52	0.53	-
29	100	80	94	62	34	35	15	10	66	0.55	-
30	102	83	94	63	37	49	16	17	58	0.48	-
31	105	83	95	64	35	52	13	17	46	0.53	0.25
Tot:											
Ave:	96	73	91	63					62	14.06	

TARBELA DAM

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	108	87	97	67	37	53	14	17	-61	0.57	-
2	110	85	98	68	46	51	21	16	33	0.52	-
3	109	82	95	66	46	52	23	19	80	0.57	0.01
4	106	83	96	66	47	48	25	19	49	0.58	-
5	107	70	93	62	54	58	39	30	72	0.44	0.14
6	96	76	93	63	40	47	22	22	89	0.52	-
7	100	81	94	64	38	47	18	33	49	0.52	-
8	102	79	94	66	37	48	16	18	38	0.54	-
9	104	82	95	64	39	52	17	19	82	0.59	-
10	106	86	96	66	36	52	15	17	64	0.55	-
11	107	85	97	67	39	51	15	16	56	0.62	-
12	109	85	98	68	38	50	14	15	44	0.59	-
13	110	87	98	67	38	50	14	15	91	0.65	-
14	110	87	99	68	43	50	17	15	39	0.61	-
15	111	87	99	68	41	48	16	15	34	0.63	-
16	112	87	99	68	40	49	15	15	40	0.60	-
17	112	88	99	68	39	51	13	15	52	0.67	-
18	114	88			36	49	13	15	38	0.63	-
19	111	85	97	67	37	49	14	15	31	0.59	-
20	111	81	97	68	45	48	19	15	33	0.57	-
21	110	87	97	69	45	51	18	16	36	0.53	-
22	109	72	94	62	60	59	47	27	93	0.57	0.19
23	101	81	91	65	59	59	32	23	58	0.46	-
24	107	89	94	69	57	61	29	23	61	0.53	-
25	109	91	96	71	60	63	30	27	51	0.60	-
26	107	78	96	69	59	59	41	31	97	0.61	-
27	103	74	95	68	63	65	48	33	62	0.44	0.31
28	101	82	96	71	66	64	46	41	28	0.50	-
29	95	69	89	70	6[illegible]	66	54	37	35	0.37	1.55
30	98	81	95	72	58	64	33	38	44	0.46	-
Tot:										16.63	2.20
Ave:	106	83							55		

TARBELA DAM

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	95	82	91	72	56	65	34	32	91	0.53	-
2	103	86	98	72	58	64	30	28	40	0.51	-
3	107	91	102	76	62	57	35	26	28	0.50	-
4	107	87	103	71	55	65	32	33	81	0.57	-
5	104	77	99	70	55	65	39	49	77	0.55	-
6	99	72	95	63	53	64	44	36	77	0.58	-
7	98	76	95	68	62	63	50	31	37	0.54	-
8	100	81	97	72	64	67	44	37	27	0.51	-
9	102	80	98	74	70	69	59	41	31	0.38	-
10	98	82	95	76	70	69	56	38	28	0.39	-
11	101	75	99	72	64	69	54	41	50	0.44	-
12	102	73	98	68	65	65	60	42	74	0.40	0.11
13	95	79	91	68	64	63	49	30	42	0.34	0.03
14	102	84	99	75	63	66	38	30	29	0.40	-
15	107	87	102	76	64	67	38	29	22	0.46	-
16	109	90	103	78	65	65	38	25	29	0.45	-
17	110	84	104	72	60	60	39	26	65	0.51	-
18	102	74	96	71	65	65	69	38	66	0.43	0.30
19	97	73	92	68	62	66	50	37	83	0.41	0.03
20	101	80	94	65	52	65	34	32	91	0.47	-
21	102	82	97	67	54	60	30	24	30	0.44	-
22	106	86	100	72	58	60	30	22	36	0.47	-
23	110	87	102	75	59	67	29	29	37	0.49	-
24	109	80	102	71	64	68	44	31	63	0.51	-
25	107	87	101	73	57	66	31	35	39	0.48	-
26	104	81	95	70	62	59	46	25	67	0.47	-
27	105	84	97	69	50	61	27	23	44	0.49	-
28	108	89	99	71	52	63	25	23	44	0.54	-
29	111	87	100	71	57	58	33	26	58	0.56	-
30	102	74	92	68	59	65	45	33	100	0.57	0.15
31	102	81	93	68	54	61	33	27	79	0.50	-
Tot:										14.89	0.62
Ave:	103	82	98	71					54		

TARBELA DAM

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	84	96	69	57	63	35	27	34	0.48	-
2	106	89	99	72	61	65	34	26	33	0.47	-
3	109	91	101	75	62	67	35	27	36	0.54	-
4	111	92	102	77	65	69	39	30	31	0.49	-
5	110	90	101	77	61	71	44	33	28	0.46	-
6	109	85	100	75	65	68	49	43	43	0.49	-
7	95	72	88	70	67	65	70	33	74	0.34	1.19
8	103	77	94	70	68	70	58	71	52	0.38	-
9	99	70	97	77	66	66	66	37	70	0.33	0.47
10	98	77	96	69	65	65	54	32	39	0.37	-
11	102	83	99	72	64	65	44	31	38	0.41	-
12	104	83	101	74	67	69	50	41	27	0.42	-
13	99	69	97	68	63	69	59	43	59	0.38	0.21
14	97	75	96	69	64	68	62	49	49	0.35	-
15	91	76	88	70	69	68	64	39	11	0.32	-
16	98	80	96	73	69	68	59	36	30	0.34	-
17	102	66	100	66	62	63	68	47	41	0.41	0.30
18	88	68	85	66	66	71	60	46	30	0.31	0.37
19	96	68	97	68	68	71	90	57	22	0.24	0.91
20	90	68	89	68	65	68	63	45	37	0.19	0.09
21	96	78	97	71	69	72	59	46	27	0.26	-
22	98	77	100	67	60	67	47	37	68	0.41	-
23	100	79	98	68	62	69	53	53	25	0.44	-
24	91	75	86	63	63	70	56	44	48	0.24	-
25	98	74	95	66	65	64	66	44	57	0.27	0.08
26	89	74	86	67	63	67	56	39	27	0.29	-
27	98	76	95	68	63	65	51	32	33	0.33	-
28	102	79	98	70	67	70	55	42	20	0.35	-
29	99	79	97	71	67	69	63	64	33	0.33	-
30	88	76	87	70	67	67	66	41	47	0.26	-
31	97	78	94	71	67	71	58	42	31	0.28	-
Tot:										11.18	3.62
Ave:	99	78	95	70					39		

TARBELA DAM

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	77	96	69	64	70	57	44	33	0.36	-
2	100	81	97	70	65	70	49	38	33	0.35	-
3	104	84	99	73	66	71	46	37	40	0.40	-
4	105	85	99	73	66	69	48	35	35	0.42	-
5	105	85	100	73	66	68	48	35	28	0.39	-
6	104	84	98	73	66	68	50	36	26	0.38	-
7	104	84	97	73	66	68	50	35	28	0.40	-
8	104	85	97	74	67	67	50	36	24	0.37	-
9	101	71	95	67	66	67	66	41	72	0.36	0.08
10	97	73	93	68	66	61	66	50	40	0.32	-
11	88	69	86	67	67	68	85	64	60	0.27	0.40
12	82	67	77	63	59	69	51	49	45	0.26	1.14
13	95	76	91	66	64	65	57	38	42	0.25	-
14	98	78	95	69	68	70	61	42	33	0.29	-
15	98	80	96	71	71	71	65	44	25	0.34	-
16	100	71	99	68	65	70	66	51	43	0.28	0.14
17	93	73	91	63	56	64	50	47	63	0.28	0.22
18	91	73	89	64	57	69	48	67	34	0.25	-
19	85	62	77	58	61	67	84	81	76	0.19	0.48
20	78	64	77	58	55	67	62	61	13	0.15	0.03
21	83	58	85	57	52	55	64	45	24	0.20	-
22	82	63	83	56	51	66	54	55	32	0.22	-
23	87	66	84	58	51	64	54	47	35	0.25	-
24	91	69	87	59	48	60	39	35	40	0.31	-
25	95	70	89	59	44	57	31	33	41	0.33	-
26	96	74	89	60	45	57	32	33	41	0.36	-
27	96	76	88	61	44	57	29	31	42	0.38	-
28	97	77	89	61	44	57	29	31	52	0.38	-
29	97	75	89	60	45	59	32	34	40	0.39	-
30	97	72	88	60	45	60	33	35	76	0.43	-
Tot:										9.56	2.49
Ave:	95	74	91	65					41		

TARBELA DAM

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	72	86	60	49	58	37	33	49	0.38	-
2	96	73	87	61	50	57	38	33	35	0.35	-
3	95	72	88	69	48	48	41	35	89	0.39	-
4	80	66	69	56	47	58	38	37	80	0.30	-
5	92	72	80	58	46	56	35	34	43	0.25	-
6	90	68	79	58	49	59	44	35	30	0.24	-
7	93	68	85	59	49	60	44	43	40	0.28	0.02
8	88	70	84	60	51	60	42	39	32	0.28	-
9	91	71	85	61	52	59	43	37	33	0.25	-
10	93	72	86	61	49	59	37	41	33	0.29	-
11	94	71	86	60	49	58	41	33	40	0.30	-
12	96	74	85	60	39	59	23	34	54	0.34	-
13	97	76	86	60	39	57	23	31		0.39	-
14	96	75	85	59	40	56	25	31	109+	0.38	-
15	96	75	85	60	40	50	25	27	48	0.40	-
16	96	73	84	59	43	51	32	29	78	0.38	-
17	92	71	83	58	42	43	31	34	86	0.42	-
18	80	58	73	52	25	47	27	48	143	0.28	0.16
19	67	57	60	48	41	58	42	49	83	0.25	0.40
20	83	65	77	50	37	36	28	25	66	0.22	-
21	86	60	75	53	48	45	59	47	121	0.29	0.11
22	70	55	65	49	45	52	61	51	32	0.22	-
23	78	59	73	50	37	49	37	37	32	0.20	-
24	81	62	76	51	37	48	35	35	39	0.23	-
25	84	63	76	52	36	48	32	35	46	0.27	-
26	85	61	76	51	33	47	28	33	43	0.25	-
27	82	62	76	50	31	47	27	29	49	0.26	-
28	85	59	76	50	33	47	30	29	43	0.26	-
29	85	61	75	50	34	44	31	29	41	0.24	-
30	85	61	75	50	36	45	32	28	38	0.23	-
31	85	60	75	50	36	44	34	31	35	0.22	-
Tot:										9.04	0.69
Ave:	88	67	79	56					55		

\+ 2 days wind movement.

TARBELA DAM

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	79	59	68	50	40	43	44	27	31	0.19	-
2	83	60	72	50	39	46	40	30	36	0.17	-
3	83	58	73	50	35	49	36	35	35	0.20	-
4	85	61	75	50	37	46	37	27	42	0.22	-
5	87	58	77	48	37	46	37	27	28	0.23	-
6	87	60	76	50	37	48	37	30	31	0.24	-
7	88	61	75	51	39	49	38	32	34	0.22	-
8	85	60	75	50	40	49	41	35	14	0.22	-
9	83	59	73	50	43	49	46	32	27	0.19	-
10	85	60	74	52	41	48	42	31	26	0.20	-
11	85	61	74	52	44	44	49	29	26	0.20	-
12	82	62	71	52	44	49	47	33	22	0.18	-
13	84	61	73	51	39	47	38	33	37	0.19	-
14	83	58	72	49	35	46	38	30	40	0.22	-
15	83	57	72	48	31	44	33	29	38	0.19	-
16	83	56	72	47	34	45	35	32	44	0.21	-
17	82	55	70	46	31	45	33	32	37	0.20	-
18	81	56	70	45	29	45	29	32	41	0.20	-
19	82	55	70	45	26	44	25	31	38	0.22	-
20	80	55	68	45	27	44	28	31	39	0.20	-
21	81	55	69	45	31	45	35	47	32	0.19	-
22	72	53	58	46	51	56	87	88	17	0.18	0.12
23	65	53	58	46	49	45	76	69	64	0.08	0.15
24	58	51	49	44	46	50	75	71	57	0.05	0.50
25	67	51	58	44	51	50	93	76	21	0.04	0.29
26	61	50	55	43	47	40	81	53	20	0.22	0.02
27	70	49	65	43	42	48	68	49	18	0.08	-
28	71	48	65	43	41	51	67	57	30	0.10	-
29	71	49	65	43	39	46	62	51	29	0.11	-
30	71	48	65	43	39	45	62	47	22	0.11	-
Tot:										5.17	1.08
Ave:	79	56	69	47					33		

TARBELA DAM

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	49	65	43	41	44	63	44	22	0.12	-
2	71	49	64	43	39	49	62	50	12	0.10	-
3	73	50	64	44	44	47	69	46	16	0.11	-
4	75	53	65	44	45	49	69	53	18	0.12	-
5	71	53	63	44	39	48	57	49	24	0.10	-
6	72	50	63	42	37	48	56	49	32	0.10	-
7	73	51	63	42	35	45	57	47	27	0.11	-
8	72	51	62	43	37	40	52	44	32	0.12	-
9	66	50	55	43	44	46	74	80	9	0.08	-
10	55	48	49	42	41	47	67	70	47	0.05	0.86
11	60	47	55	42	41	43	73	52	11	0.04	-
12	66	47	60	41	41	46	73	54	26	0.09	-
13	68	46	61	41	37	45	65	50	18	0.08	-
14	69	45	62	40	37	46	65	54	21	0.09	-
15	67	46	60	40	39	45	72	61	17	0.08	-
16	63	47	55	41	41	48	67	87	20	0.07	-
17	55	49	50	42	44	47	74	75	11	0.06	-
18	57	49	50	42	45	48	75	66	5	0.06	-
19	63	52	54	43	38	49	53	59	42	0.08	-
20	68	53	61	44	39	49	53	55	34	0.11	-
21	68	48	62	43	42	45	73	50	19	0.09	-
22	67	46	62	42	41	46	73	54	20	0.08	-
23	68	47	59	42	39	43	67	56	42	0.10	-
24	63	48	58	40	43	45	79	80	21	0.08	-
25	53	43	55	39	41	45	85	65	25	0.06	0.09
26	61	44	57	39	42	45	85	80	34	0.05	0.21
27	54	46	48	42	41	49	73	76	26	0.04	0.20
28	58	41	52	40	36	37	76	56	15	0.06	-
29	56	39	51	36	36	37	83	48	10	0.05	-
30	60	40	55	36	33	40	63	47	10	0.08	-
31	63	43	57	37	33	40	57	47	18	0.07	-
Tot:										2.53	1.36
Ave:	65	47	58	41					22		

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THANO BULA KHAN - 1972

Location Latitude 25°22', Longitude 67°51', 150 miles from Karachi via Bholari.

Elevation 500 ± ft. msl.

Period of record Station established in May 1965 by Surface Water Hydrology Project WAPDA.

Instruments
5" Non-recording rain gauge.
Maximum and minimum air temperature thermometer.
Maximum and minimum pan water temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau Standard Evaporation pan.
Dines Pressure Tube Anemograph.

Annual figures

Precipitation	2.73 inches
Evaporation	216.87 inches
Absolute maximum air temperature	116°F
Absolute minimum air temperature	33°F

Remarks
Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day The wind travel record computed from Dines Pressure Tube graphs is shown separately.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown.
Blank space indicates no record.
(-) Indicates no precipitation.

THAND BULA KHAN

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	50	77	47	41	34	49	24		0.35	-
2	78	46	73	48	32	49	55	36		0.35	-
3	83	48	52	48	43	37	73	23		0.36	-
4	82	43	76	47	32	36	61	26		0.34	-
5	75	41	72	46	28	26	52	18		0.33	-
6	75	40	72	45	30	23	59	16		0.31	-
7	77	41	73	44	30	26	54	19		0.30	-
8	72	35	69	40	15	29	38	16		0.28	-
9	81	38	72	40	29	32	38	22		0.32	-
10	77	41	73	45	28	29	52	15		0.30	-
11	80	44	74	45	22	28	25	19		0.34	-
12	75	43	73	46	28	28	52	19		0.35	-
13	77	44	73	46	31	43	50	29		0.33	-
14	83	49	72	48	34	36	44	28		0.34	-
15	74	41	71	45	30	42	59	34		0.32	-
16	76	41	75	45	28	41	48	31		0.30	-
17	77	47	46	48	35	36	49	26		0.32	-
18	75	54	71	50	41	38	57	26		0.34	-
19	78	56	75	53	42	41	50	31		0.35	-
20	76	61	71	53	41	43	43	31		0.35	-
21	79	50	77	52	40	49	65	36		0.36	-
22	82	51	77	51	38	28	60	21		0.38	-
23	73	49	73	45	27	32	40	29		0.34	-
24	67	46	63	45	33	39	51	34		0.33	-
25	72	49	71	46	37	39	50	32		0.32	-
26											-
27											-
28	80	47	80	49	40	54	65	43		1.08+	-
29	81	51	78	51	62	63	84	64		0.38	-
30	80	60	76	60	53	58	72	50		0.36	-
31	80	56	80	59	53	56	76	65		0.34	-
Tot:										10.47	0.00
Ave:											

+ 3 days observation.

THANO BULA KHAN

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	59	76	58	55	46	77	41		0.32	-
2	79	57	79	57	49	46	70	60		0.36	-
3	62	43	62	46	40	36	77	28		0.24	0.04
4	73	46	73	46	34	34	52	27		0.31	-
5	73	42	72	45	38	28	76	22		0.33	-
6	71	42	71	41	17	28	31	23		0.32	-
7	69	33	71	39	18	34	50	26		0.30	-
8	73	35	73	39	25	23	56	17		0.32	-
9	73	34	73	41	23	33	54	21		0.31	-
10			74	41	46	45	81	32		0.36	-
11	82	56	77	52	47	23	65	18		0.38	-
12	73	46	73	42	22	11	36	12		0.33	-
13	67	46	69	41		18		13		0.32	-
14	75	41	74	42	25	26	46	17		0.34	-
15	75	45	76	42	31	33	50	31		0.35	-
16	67	46	69	43	28	32	44	28		0.34	-
17	69	46	71	44	30	34	49	26		0.36	-
18	73	42	74	45	30	26	54	17		0.38	-
19	75	40	74	44	28	37	52	23		0.36	-
20	79	44	79	46	39	39	70	20		0.40	-
21	85	48	82	48	27	57	40	40		0.44	-
22	88	51	82	50	59	48	89	33		0.46	-
23	83	56	82	52	22	26	25	16		0.40	-
24	77	43	77	43	19	23	31	16		0.39	-
25	74	43	76	42	24	21	45	16		0.34	-
26	70	36	75	41	15	18	38	13		0.31	-
27	72	37	73	41	16	31	34	19		0.30	-
28	79	42	77	43	31	15	46	10		0.36	-
29	77	39	77	43	17	15	29	10		0.38	-
Tot:										10.11	0.04
Ave:			75	45							

THANO BULA KHAN

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	77	41	76	43	19	34	33	19		0.37	-
2	83	44	82	44	34	33	68	16		0.42	-
3			82	45	28	49	32	30		0.45	-
4	88	58	83	54	58	33	78	16		0.48	-
5	86	58	83	52	45	40	52	22		0.51	-
6	86	51	85	53	35	38	45	18		0.54	-
7	90	56	86	55	59	43	83	25		0.57	-
8	89	60	84	58	59	53	88	31		0.57	-
9	90	60	90	60	60	52	84	32		0.58	-
10	87	65	82	61	47	44	44	20		0.53	-
11	92	59	88	60	51	55	52	41		0.61	-
12	88	66	83	61	61	41	79	21		0.57	-
13	88	55	87	56	47	42	57	23		0.56	-
14	87	60	84	54	44	43	45	21		0.56	-
15	90	61	87	55	40	44	37	20		0.58	-
16	94	66	85	61	58	51	59	24		0.59	-
17	97	67	90	64	59	58	62	29		0.63	-
18	97	70	92	64	58	43	59	18		0.64	-
19	98	71	90	65	47	49	37	24		0.64	-
20	95	68	87	61	59	43	66	21		0.63	-
21	93	61	84	58	57	51	74	26		0.61	-
22	94	62	89	59	50	51	55	21		0.62	-
23	100	67	93	62	47	56	37	23		0.67	-
24	104	68	93	62	54	57	48	27		0.66	-
25	104	67	94	62	46	61	75	44		0.70	-
26	104	71	91	66	67	58	77	26		0.71	-
27	104	73	93	66	61	47	54	18		0.72	-
28	104	70	93	63	60	52	60	25		0.69	-
29	99	72	90	64	54	52	48	23		0.68	-
30	99	70	92	62	47	45	37	19		0.71	-
31	99	65	93	61	42	44	36	18		0.73	-
Tot:										18.53	0.00
Ave:			87	58							

THAND BULA KHAN

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	62	93	57	45	56	40	31		0.72	-
2	98	65	92	58	63	58	80	29		0.70	-
3	100	69	92	63	66	53	77	24		0.69	-
4	102	70	93	67	68	63	81	36		0.72	-
5	97	71	96	66	61	54	60	23		0.67	-
6	100	66	95	61	59	39	66	16		0.68	-
7	96	66	90	63	59	52	66	25		0.79	-
8	99	67	92	65	63	41	72	21		0.80	-
9	98	65	93	61	50	31	43	12		0.65	-
10	94	62	88	61	42	27	36	9		0.70	-
11	99	65	97	57	21	39	13	13		0.73	-
12	102	69	93	69	35	66	22	29		0.78	-
13	106	69	94	62	55	52	49	25		0.79	-
14	101	71	92	64	63	58	64	35		0.83	-
15	96	72	92	66	65	58	69	35		0.74	-
16	94	73	91	69	69	59	73	37		0.77	-
17	93	69	91	65	65	48	69	31		0.70	0.03
18	95	72	90	66	61	30	60	10		0.70	-
19	99	70	95	64	60	27	60	8		0.75	-
20	103	72	92	67	60	40	54	16		0.82	-
21	99	73	91	68	51	41	39	17		0.72	-
22	98	76	90	68	57	56	47	32		0.70	-
23	93	71	86	68	64	48	65	24		0.69	-
24	94	71	92	68	65	41	69	17		0.72	-
25	97	74	90	70	67	47	66	20		0.73	-
26	100	75	91	71	65	54	62	32		0.75	-
27	95	75	86	71	69	41	77	18		0.70	-
28	95	70	91	66	61	45	57	15		0.73	-
29	104	71	98	67	56	30	44	9		0.80	-
30	104	74	94	65	52	44	36	18		0.88	-
Tot:										22.15	0.03
Ave:	98	70	92	65							

THANG BULA KHAN

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	107	78	95	67	64	46	55	18		0.87	-
2	106	72	92	70	71	68	71	38		0.85	-
3	107	72	99	70	69	43	69	15		0.82	-
4	104	72	93	69	67	40	67	14		0.81	-
5	103	73	94	71	67	51	67	24		0.80	-
6	99	73	92	69	65	30	65	10		0.82	-
7	100	73	90	70	68	25	68	8		0.83	-
8	100	75	91	77	68	40	66	12		0.84	-
9	107	76	95	71	71	39	74	13		0.88	-
10	105	75	92	71	71	62	70	28		0.90	-
11	109	77	101	73	72	43	65	12		0.90	-
12	114	88	102	71	49	29	24	7		0.92	-
13	112	77	95	67	62	43	50	13		0.91	-
14	108	79	97	69	44	39	23	9		0.89	-
15	115	76	99	69	53	37	33	10		0.95	-
16	113	79	99	69	57	49	37	15		0.92	-
17	113	78	99	70	59	47	41	11		0.94	-
18	116	79	100	70	59	47	37	13		1.02	-
19	116	80	99	72	64	62	48	27		1.05	-
20	113	79	99	69	73	63	68	30		1.02	-
21	109	78	99	75	71	72	67	49		1.00	-
22	102	78	94	74	70	69	67	46		0.98	-
23	101	78	92	74	73	71	71	43		0.97	-
24	105	78	99	74	73	71	71	43		0.87	-
25	107	75	97	71	57	73	40	2		0.93	-
26	109	77	96	72	27	20	12	5		0.95	-
27	112	72	98	62	43	22	25	5		0.91	-
28	111	75	99	69	58	52	43	19		0.95	-
29	108	78	96	69	74	65	71	32		0.89	-
30	110	78	100	75	73	72	71	43		1.00	-
31	105	78	102	76	74	68	71	35		0.91	-
Tot:										28.30	0.00
Ave:	108	76	97	71							

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	108	79	101	76	73	70	71	41		0.93	-
2	104	80	99	75	65	70	51	41		0.90	-
3	105	80	98	76	75	64	72	26		0.94	-
4	112	80	101	77	74	69	68	37		0.93	-
5	109	80	98	76	75	71	72	39		0.92	-
6	108	81	99	77	75	60	72	24		0.90	-
7	115	80	101	75	73	62	68	28		0.97	-
8	108	80	99	76	75	61	76	26		0.94	-
9	110	80	100	76	73	64	68	26		0.95	-
10	113	80	98	76	73	69	72	34		0.91	-
11	110	80	103	77	75	72	71	45		0.91	-
12	102	80	99	77	74	71	72	45		0.88	-
13	106	80	99	77	75	65	71	22		0.89	-
14	104	80	100	75	74	70	72	44		0.93	-
15	101	81	97	76	75	72	72	47		0.91	-
16	101	82	97	76	74	72	68	49		0.89	-
17	99	81	97	75	75	72	72	47		0.90	-
18	101	82	98	78	77	77	69	58		0.95	-
19	104	83	99	79	75	72	72	49		0.97	-
20	100	82	98	77	75	74	69	46		0.93	-
21	103	83	99	78	73	71	65	41		0.96	-
22	104	79	100	75	74	72	71	47		0.96	-
23	104	81	99	76	73	70	68	38		0.95	-
24	104	82	100	77	70	71	55	36		0.93	-
25	107	85	101	77	55	69	30	39		0.97	-
26	103	83	100	79	76	71	72	39		0.95	-
27	102	83	999	79	76	70	75	38		0.90	-
28	103	85	102	80	75	78	65	59		0.90	-
29	105	72	100	75	77	73	87	50		1.23	2.13
30	97	81	100	77	77	66	76	37		0.49	-
Tot:										27.69	2.13
Ave:	105	81	99	77							

THANO BULA KHAN

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	84	98	79	76	72	72	43		0.56	-
2	102	82	99	78	74	76	65	63		0.63	-
3	93	81	90	79	79	74	87	60		0.44	0.41
4	92	80	96	79	74	73	75	57		0.57	0.02
5	94	82	92	78	76	75	75	57		0.58	-
6	96	83	95	79	77	77	72	56		0.65	-
7	99	85	97	81	78	71	73	54		0.60	-
8	100	81	98	79	78	75	75	46		0.54	0.04
9	104	83	103	80	73	77	65	54		0.56	-
10	102	82	100	79	75	74	72	55		0.58	-
11	97	82	96	78	74	73	68	52		0.60	-
12	98	83	95	78	75	75	72	57		0.65	-
13	97	82	96	78	74	74	65	55		0.62	-
14	100	82	98	77	75	74	72	52		0.64	-
15	100	82	98	78	76	75	75	53		0.60	-
16	101	83	99	78	76	76	75	58		0.65	-
17	99	81	98	77	75	74	72	52		0.60	-
18	102	81	98	76	75	75	72	55		0.63	-
19	101	82	97	77	75	73	72	54		0.57	-
20	98	81	96	76	72	70	68	51		0.65	-
21	97	80	95	76	74	71	71	49		0.66	-
22	99	80	97	76	73	71	68	49		0.68	-
23	98	81	96	76	74	71	75	49		0.66	-
24	98	81	97	76	72	71	65	51		0.68	-
25	100	80	95	76	71	70	64	51		0.70	-
26	97	81	92	76	72	72	68	54		0.72	-
27	98	82	95	76	72	72	65	47		0.74	-
28	100	80	95	75	73	71	71	51		0.70	-
29	98	81	96	76	71	70	64	51		0.72	-
30	97	81	93	75	72	71	68	51		0.69	-
31	98	80	95	75	73	74	71	48		0.72	-
Tot:										19.69	0.47
Ave:	99	82	96	77							

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	101	81	99	76	72	72	68	49		0.75	-
2	99	80	99	75	72	70	68	44		0.70	-
3	100	80	97	75	71	69	67	46		0.73	-
4	98	80	97	76	71	69	67	50		0.71	-
5	96	78	95	76	72	71	74	56		0.68	-
6	94	79	94	76	73	73	71	57		0.60	-
7	95	80	95	75	71	73	67	54		0.61	-
8	99	80	98	76	72	72	71	49		0.64	-
9	100	80	98	77	72	70	71	44		0.67	-
10	100	78	98	74	69	66	70	39		0.66	-
11	100	76	95	71	68	65	70	41		0.65	-
12	98	77	95	72	68	67	70	49		0.67	-
13	94	76	94	72	68	67	70	45		0.65	-
14	96	76	95	72	69	67	70	43		0.68	-
15	101	77	99	73	70	73	67	68		0.66	-
16	105	76	102	73	71	67	74	43		0.60	-
17	98	76	95	72	70	67	74	43		0.63	-
18	97	76	96	72	72	70	78	33		0.62	-
19	109	78	103	74	70	68	67	33		0.65	-
20	107	80	102	75	71	68	67	38		0.65	-
21	105	78	100	74	71	68	74	42		0.67	-
22	102	77	99	73	69	68	70	42		0.64	-
23	102	77	98	73	71	70	74	44		0.66	-
24	104	78	100	74	72	71	74	41		0.66	-
25	109	78	105	74	72	73	74	50		0.70	-
26	109	77	101	74	72	71	74	41		0.69	-
27	110	77	100	73	71	32	70	8		0.68	-
28	110	76	101	70	65		62	1		0.69	-
29	107	74	92	70	66	18	69	5		0.70	-
30	108	75	97	71	67	47	66	15		0.73	-
31	107	74	98	71	69	54	77	21		0.75	-
Tots										20.78	0.00
Ave:	102	78	98	74							

THANO BULA KHAN

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	74	98	71	68	66	70	39		0.74	-
2	102	74	97	71	68	63	70	38		0.73	-
3	100	74	95	71	69	64	73	40		0.70	-
4	97	76	93	71	70	65	74	44		0.71	-
5	95	76	94	71	68	58	66	29		0.70	-
6	95	78	94	72	71	68	74	52		0.67	-
7	94	77	94	72	71	69	74	48		0.65	-
8	97	76	96	72	69	69	70	55		0.68	-
9	96	74	96	71	69	66	73	43		0.64	-
10	97	74	95	70	71	63	78	33		0.60	-
11	100	75	96	71	70	67	74	38		0.59	-
12	105	76	101	72	69	62	67	27		0.62	-
13	108	79	102	71	67	55	60	21		0.67	-
14	108	76	96	72	71	65	74	41		0.69	-
15	99	78	95	73	71	66	70	47		0.67	-
16	96	77	93	72	71	68	74	50		0.65	-
17	96	78	93	73	72	70	74	53		0.63	-
18	97	77	94	73	72	47	78	16		0.62	-
19	107	76	94	71	59	46	46	15		0.68	-
20	104	74	93	67	52	51	36	19		0.70	-
21	103	73	94	66	47	50	31	20		0.68	-
22	105	72	99	66	64	28	65	8		0.63	-
23	103	70	95	69	64	32	68	10		0.60	-
24	103	67	94	65	54	37	54	12		0.60	-
25	104	70	96	64	43	27	29	8		0.63	-
26	104	73	91	63	46	39	29	16		0.64	-
27	98	71	93	64	68	48	77	22		0.60	-
28	97	73	89	69	68	59	77	33		0.55	-
29	100	72	94	69	67	48	73	22		0.59	-
30	98	73	94	69	68	56	73	26		0.60	-
Tot:										19.46	0.00
Ave:	100	74	95	70							

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	74	95	67	62	58	58	26		0.68	-
2	103	75	95	69	70	63	74	36		0.63	-
3	100	72	95	70	67	58	69	26		0.60	-
4	103	68	98	67	66	45	77	17		0.63	-
5	103	74	97	68	54	43	43	16		0.65	-
6	100	73	92	66	51	41	41	15		0.62	-
7	99	68	93	65	50	47	43	16		0.60	-
8	104	69	95	66	61	32	63	10		0.59	-
9	103	67	91	66	65	34	72	11		0.62	-
10	102	69	95	65	57	41	55	15		0.62	-
11	102	68	92	62	44	47	33	18		0.64	-
12	103	71	92	62	67	40	73	14		0.60	-
13	104	73	95	68	68	45	70	15		0.64	-
14	104	70	95	68	57	46	49	15		0.60	-
15	103	68	93	65	58	28	56	8		0.61	-
16	103	71	92	66	67	30	77	9		0.60	-
17	102	69	92	65	65	30	72	9		0.60	-
18	104	71	95	67	67	43	73	15		0.62	-
19	103	71	91	66	65	41	69	14		0.62	-
20	104	67	93	65	60	55	63	25		0.60	-
21	101	72	93	66	59	45	57	19		0.61	-
22	97	68	92	63	45	46	36	23		0.58	-
23	97	68	87	62	52	26	53	10		0.55	-
24	95	65	90	61	44	36	35	16		0.50	-
25	93	66	85	60	45	35	38	15		0.54	-
26	94	64	87	60	45	29	38	13		0.50	-
27	92	68	84	59	41	37	31	18		0.53	-
28	90	61	83	58	44	27	45	12		0.52	-
29	89	56	84	55	40	46	45	23		0.50	-
30	91	55	85	55	35	41	36	17		0.49	-
31	97	62	87	55	43	46	39	21		0.54	-
Tot:										18.23	0.00
Ave:	100	68	91	64							

THANO BULA KHAN

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	61	91	59	50	39	55	16		0.52	-
2	96	58	88	59	44	37	48	16		0.51	-
3	94	58	85	57	44	40	48	16		0.50	-
4	97	58	87	57	41	44	46	18		0.49	-
5	99	59	97	57	40	37	40	13		0.52	-
6	100	57	89	58	43	35	47	12		0.55	-
7	100	59	89	57	41		43			0.50	-
8											-
9	97	57	86	55	54	32	54	14		1.01+	-
10	94	63	88	57	63	48	80	24		0.52	-
11	94	61	88	58	64	43	89	21		0.49	-
12	93	53	87	58	55	36	82	17		0.51	-
13	91	55	85	57	41	49	46	24		0.50	-
14	94	62	86	55	64	51	85	26		0.45	-
15	96	67	89	54	66	47	85	25		0.40	-
16	93	64	88	62	65	38	89	18		0.42	-
17	92	57	83	57	49	50	61	25		0.41	-
18	94	58	85	59	46	47	53	25		0.43	-
19	92	57	85	59	46	44	60	20		0.37	-
20	95	58	86	59	45	41	52	20		0.38	-
21	95	63	83	58	56	55	65	34		0.39	-
22	91	59	83	59	51	45	66	25		0.42	-
23	87	57	83	58	46	35	56	22		0.37	-
24	87	52	79	54	48	40	75	27		0.36	-
25	87	50	79	52	45	31	73	19		0.33	-
26	78	48	77	50	47	43	90	31		0.34	-
27	84	48	78	49	40	62	65	64		0.31	-
28	79	49	75	50	40	38	52	26		0.31	-
29	80	49	78	50	41	40	66	27		0.31	-
30	81	47	78	50	38	35	60	22		0.30	-
Tot:										12.92	0.00
Ave:											

THAND BULA KHAN

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	81	52	78	50	41	35	53	22		0.31	-
2	82	46	77	49	40	37	65	23		0.32	-
3	83	51	78	50	43	37	63	24		0.32	-
4	81	53	75	51	46	33	64	21		0.34	-
5	82	46	77	49	37	37	54	24		0.31	-
6	80	46	77	49	37	37	64	23		0.29	-
7	83	46	77	49	39	45	65	30		0.30	-
8			77	50	47	42	61	27		0.31	-
9	84	50	80	52	38	43	55	31		0.32	-
10	77	43	77	46	34	30	62	23		0.29	-
11	73	46	71	46	40	39	60	34		0.30	-
12	72	48	71	46	36	30	58	22		0.29	-
13	74	42	71	43	25	38	46	26		0.30	-
14	79	45	74	45	36	33	58	20		0.30	-
15	84	50	75	49	43	36	58	25		0.32	-
16	77	58	71	54	47	26	61	15		0.29	-
17	78	59	73	55	45	51	52	81		0.31	-
18	72	55	69	53	51	51	81	62		0.29	0.09
19	67	54	73	53	50	14	81	11		0.21	-
20	73	50	74	52	49	44	86	35		0.22	-
21	75	50	76	52	50	53	87	45		0.23	-
22	80	50	79	53	49	46	86	34		0.25	-
23	81	53	79	53	57	42	88	28		0.24	-
24	80	60	79	57	59	48	89	38		0.25	-
25	82	56	75	55	51	49	81	51		0.25	-
26	73	56	73	55	51	52	81	50		0.23	-
27	76	56	72	52	32	28	40	23		0.24	-
28	70	47	71	45	22	11	32	12		0.24	-
29	68	39	72	40	11	15	24	15		0.22	-
30	66	36	64	38	21	21	52	17		0.23	-
31	73	36	67	37	23	11	54	10		0.22	-
Tot:										8.54	0.09
Ave:			74	49							

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TURBAT - 1972

Location	Latitude 25°59', Longitude 63°03',
Elevation	
Period of record	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau standard evaporation pan. Anemometer.
Annual figures	Precipitation 9.38 inches Evaporation 146.89 inches
Remarks	Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

TURBAT

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	60			23	23	22	16	45	0.30	-
2	72	42			30	31	39	19	72	0.32	-
3	75	48			29	37	39	24	19	0.29	-
4	77	54			30	28	39	18	30	0.27	-
5	74	55			50	26	76	18	68	0.33	-
6	72	53			29	18	38	13	93	0.39	-
7	70	52			25	46	32	43	82	0.40	-
8	78	54			49	28	80	18	39	0.43	-
9	76	52			21	18	21	13	44	0.32	-
10	72	54			28	39	35	32	69	0.38	-
11	75	55			32	36	40	25	68	0.30	-
12	76	54			27	31	33	19	30	0.23	-
13	78	55			56	42	88	28	24	0.25	0.08
14	78	56			34	39	41	32	31	0.30	-
15	78	54			37	36	50	25	38	0.24	-
16	78	54			47	62	69	75	36	0.20	-
17	77	59			59	55	88	51	32	0.03	0.15
18	77	58			50	46	76	34	32	0.15	-
19	76	58			52	59	71	94	18	0.14	-
20	65	58			57	62	94	94	23	0.08	0.19
21	75	55			53	52	93	50	17	0.20	-
22	72	54			29	28	38	21	84	0.25	-
23	70	50			34	47	52	44	30	0.26	-
24	72	60			52	63	81	80	18	0.15	-
25	70	58			58	58	100	78	25	0.11	0.02
26	76	56			56	52	100	53	18	0.18	-
27	75	56			49	50	66	43	22	0.22	-
28	78	60			60		84		29	0.20	-
29	74	64			56	68	73	81	21	0.02	0.12
30					65	61	89	94	25	0.21	-
31	73	54			57	46	94	92	28	0.22	1.42
Tot:										7.37	1.98
Ave:									39		

TURBAT

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	60	43			37	33	76	47	56	0.04	0.86
2	52	42			23	26	40	38	135	0.20	-
3	50	44			24	33	45	51	119	0.26	-
4	54	44			20	25	34	32	101	0.22	-
5	58	46				37		46	67	0.30	-
6	61	42			28	33	58	35	55	0.24	-
7	66	42			26	35	38	32	61	0.30	-
8	74	52			33	26	47	17	48	0.24	-
9	74	50			33	36	47	25	45	0.30	-
10	76	51			50	54	87	51	35	0.20	-
11	74	52			21	16	29	18	73	0.27	-
12	59	44			17	23	31	21	86	0.34	-
13	64	42			32	30	66	21	43	0.30	-
14	73	42			25	35	46	23	27	0.20	-
15	75	46			20	29	26	17	45	0.32	-
16	76	54			50	49	81	40	49	0.24	-
17	76	56			51	51	81	41	31	0.19	-
18	77	56			45	53	59	45	32	0.20	-
19	77	59			46	54	60	46	44	0.30	-
20	77	60			56	51	82	39	36	0.22	-
21	79	60			57	56	83	46	42	0.30	-
22	79	56			40	28	52	25	37	0.20	0.08
23	65	45			13	13	26	17	126	0.45	-
24	60	44			19	19	33	20	104	0.40	-
25	60	44			46	9	92	12	89	0.32	-
26	61	46			6	18	14	14	88	0.35	-
27	69	51			20	23	26	17	76	0.40	-
28	71	50			29	6	45	7	56	0.31	-
29	73	50			27	22	26	12	49	0.39	-
Tot:										8.00	0.94
Ave:	68	49							64		

TURBAT

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	53			37	29	50	16	36	0.30	-
2	82	55			37	37	43	22	45	0.33	-
3	82	59			56	57	82	49	48	0.30	-
4	79	61			40	33	42	20	53	0.24	-
5	79	55			40	39	52	20	40	0.40	-
6	85	57			48	44	65	24	24	0.30	-
7					61	55	84	39	30	0.29	-
8	85	64			55	46	64	23	33	0.26	-
9	89	66			48	64	50	76	34	0.25	-
10	88	64			60	54	84	37	32	0.40	0.30
11	86	64			61	62	89	94	67	0.35	0.95
12	66	59			59	51	94	41	31	0.18	1.20
13	78	58			56	43	88	26	10	0.19	-
14	83	59			54	37	77	22	24	0.27	-
15					50	57	78	41	37	0.29	-
16	83	65			60	52	79	32	16	0.21	-
17	88	67			63	53	72	31	22	0.30	-
18	89	68			62	53	75	38	18	0.30	-
19	84	68			59	57	74	40	16	0.33	-
20	86	62			55	50	73	28	56	0.42	-
21	88	63			55	45	69	19	22	0.31	-
22	94	66			57	49	62	20	30	0.36	-
23	98	69			59	51	66	21	30	0.41	-
24	99	70			57	51	58	21	25	0.40	-
25	100	68			54	47	54	18	27	0.43	-
26	100	72			56	32	55	14	43	0.49	-
27	101	72			56	32	55	14	43	0.49	-
2.	100	72			51	39	47	14	46	0.54	-
29	98	73			26	25	15	10	48	0.57	-
30	91	65			21	19	15	7	76	0.62	-
31	90	60			33	31	31	10	47	0.46	-
Tot:										10.90	2.45
Ave:									36		

TURBAT

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	98	65			43	31	39	10	24	0.43	-
2	98	67			43	44	32	18	42	0.47	-
3	97	72			58	50	56	22	33	0.42	-
4	98	74			61	33	37	11	53	0.46	-
5	97	70			59	36	6[illegible]	14	49	0.49	-
6	95	66			54	45	57	19	47	0.48	-
7	96	69			60	37	67	13	39	0.40	-
8	96	72			34	32	18	11	35	0.34	-
9	95	72			33	35	21	12	79	0.66	-
10	96	68			39	37	30	12	28	0.51	-
11	100	68			48	33	40	10	46	0.54	-
12	102	68			55	27	47	8	42	0.55	-
13	101	69			56	31	55	21	41	0.46	-
14	99	70			47	42	37	15	51	0.50	-
15	99	67			66	47	69	20	56	0.50	-
16	97	76			70	32	81	14	71	0.51	-
17	90	70			55	42	51	15	22	0.28	-
18	98	73			68	37	77	13	38	0.44	-
19	96	74			58	47	37	20	27	0.37	-
20	99	76			49	55	36	41	36	0.42	-
21	88	71			66	57	76	40	23	0.20	-
22	87	72			61	60	67	46	48	0.30	-
23	89	69			65		85	95	49	0.27	0.17
24	84	70			68	34	77	13	31	0.18	0.12
25	93	75			71	71	82	70	58	0.40	-
26	94	73			68	61	81	40	38	0.30	0.02
27	89	70			63	48	68	22	61	0.30	-
28	92	72			63	40	61	14	42	0.29	-
29	99	75			66	37	69	12	25	0.42	-
30	102	76			59	38	46	13	32	0.44	-
Tot:										12.53	0.31
Ave:	95	71							42		

TURBAT

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	104	76			59	46	51	14	27	0.44	-
2	107	78			54	43	35	12	37	0.53	-
3	110	78			63	68	50	36	47	0.62	-
4	102	78			71	55	70	28	60	0.43	-
5	96	75			66	67	69	43	89	0.61	-
6	97	75			65	56	62	28	65	0.50	-
7	98	73			68	59	73	30	61	0.54	-
8	97	77			69	53	67	20	66	0.48	-
9	103	78			69	59	64	25	63	0.54	-
10	104	80			57	51	40	16	35	0.51	-
11	108	80			57	38	38	9	39	0.59	-
12	110	82			55	37	37	10	59	0.69	-
13	105	77			55	44	39	13	59	0.68	-
14	105	78			48	55	28	20	24	0.57	-
15	110	80			54	55	32	20	49	0.64	-
16	108	77			53	59	38	20	51	0.67	-
17	111	81			59	74	37	29	22	0.60	-
18	113	86			73	77	57	31	29	0.61	-
19	118	87			71	86	41	40	29	0.63	-
20	118	85			72	87	54	49	40	0.61	-
21	116	84			76	84	72	56	44	0.68	-
22	108	71			75	88	72	53	66	0.72	-
23	110	76			77	90	63	65	43	0.60	-
24	106	88			79	90	70	70	69	0.70	-
25	104	85			79	91	73	70	64	0.68	-
26	105	79			76	92	72	68	38	0.59	-
27	108	80			75	97	72	67	29	0.60	-
28	113	81			79	98	76	67	30	0.63	-
29	114	84			82	97	77	69	26	0.63	-
30	114	86			83	99	81	80	38	0.70	-
31	110	86			82	98	80	74	51	0.67	-
Tot:										18.79	..00
Ave:	108	80							47		

TURBAT

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	109	86			82	97	80	69	49	0.50	-
2	112	89			83	97	74	62	63	0.75	-
3	115	87			79	102	67	70	37	0.65	-
4	116	86			80	102	74	70	34	0.75	-
5	116	86			81	97	74	60	40	0.62	0.02
6	116	87			78	98	67	65	31	0.65	-
7	116	86			83	99	77	64	44	0.59	-
8	114	87			74	97	60	67	40	0.50	-
9	116	86			78	102	64	64	44	0.52	-
10	114	87			80	102	74	70	48	0.60	-
11	116	88			82	104	71	65	35	0.78	-
12	119	92			90	104	92	68	41	0.70	-
13	120	91			87	100	75	72	54	0.68	-
14	114	86			83	97	88	69	62	0.62	-
15	112	86			83	97	88	72	65	0.61	-
16	108	87			83	92	84	79	69	0.59	-
17	102	84			82	95	92	77	55	0.56	-
18	106	85			82	99	88	72	55	0.48	-
19	112	86			81	98	84	60	38	0.50	-
20	117	86			83	93	88	63	45	0.51	-
21	110	85			83	94	84	71	51	0.52	-
22	108	86			83	95	88	74	66	0.53	-
23	108	85			82	93	88	71	74	0.53	-
24	106	86			81	97	84	77	68	0.52	-
25	108	86			81	100	77	70	53	0.59	-
26	113	89			88	94	78	79	40	0.58	-
27	104	87			84	95	84	77	63	0.56	-
28	107	89			81	86	74	69	57	0.57	-
29	101	87			83	85	81	56	38	0.48	0.02
30	107	84			83	96	84	66	28	0.41	0.06
Tot:										17.45	0.10
Ave:	111	87							50		

TURBAT

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	112	79			85	94	84	71	50	0.57	0.15
2					83	85	92	54	44	0.55	0.99
3	107	77			82	83	92	88	24	0.82	1.32
4	98	75			65	81	65	84	36	0.03	0.98
5	88	76			75	79	75	59	25	0.19	0.02
6	98	83			77	83	76	81	39	0.36	-
7	92	85			78	80	73	57	30	0.36	-
8	100	85			80	82	80	55	61	0.41	-
9	104	86			83	85	84	56	56	0.40	-
10	106	86			81	87	80	62	59	0.52	-
11	107	86			81	87	80	62	66	0.50	-
12	105	88			82	86	80	59	57	0.52	-
13	106	88			82	88	80	59	50	0.42	-
14	108	86			83	90	84	58	69	0.58	-
15	110	86			81	91	80	76	37	0.45	-
16	102	87			81	89	77	51	34	0.40	-
17	114	86			83	76	84	33	39	0.50	-
18	115	88			61	81	33	41	39	0.54	-
19	112	86			78	74	73	42	52	0.60	-
20	103	84			76	77	72	45	67	0.52	-
21	104	74			79	77	83	47	70	0.55	-
22	105	84			68	75	58	41	72	0.50	-
23	105	84			74	74	68	44	70	0.50	-
24	104	75			75	74	75	44	36	0.47	-
25	102	84			75	76	72	47	25	0.47	-
26	103	84			74	66	68	27	16	0.44	-
27	114	75			75	78	75	38	13	0.48	-
28	112	84			76	67	72	25	12	0.55	-
29	113	84			74	75	68	43	16	0.58	-
30	104	84			75	76	72	41	20	0.50	-
31	106	83			76	76	72	43	15	0.49	-
Tot:										14.77	3.46
Ave:									42		

TURBAT

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	84			74	76	68	47	14	0.55	-
2	102	83			70	75	61	49	12	0.44	-
3	101	80			73	66	75	31	16	0.48	-
4	104	79			75	70	83	36	21	0.43	-
5	105	81			77	75	83	38	16	0.43	-
6	108	80			77	75	79	34	10	0.44	-
7	112	84			76	65	72	24	17	0.55	-
8	112	82			74	65	71	24	14	0.53	-
9	112	84			72	57	65	19	7	0.52	-
10	110	83			72	59	65	22	8	0.50	-
11	108	82			79	59	87	22	10	0.48	-
12	108	80			72	60	71	24	10	0.50	-
13	106	80			73	65	75	30	9	0.46	-
14	105	80			72	65	71	30	13	0.48	-
15	105	79			73	64	78	29	15	0.50	-
16	104	78			71	68	74	33		0.42	-
17	104	80			72	65	71	27		0.41	-
18	108	80			73	62	71	23		0.43	-
19	110	79			74	71	83	39		0.52	-
20	107	80			70	66	67	36		0.50	-
21	100	78			71	65	74	31		0.49	-
22	103	79			72	64	74	26		0.40	-
23	108	81			72	65	59	24		0.38	-
24	112	87			71	75	56	34		0.48	-
25	114	82			29	41	11	11		0.54	-
26	108	88			33	34	13	9		0.70	-
27	108	86			25	31	10	8		0.70	-
28	106	78			58	51	45	18		0.58	-
29	107	79			71	59	74	23		0.50	-
30	108	79			69	56	70	20		0.44	-
31	108	79			69	55	67	20		0.46	-
Tot:										15.24	0.00
Ave:	107	81									

TURBAT

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	106	78			68	49	66	14		0.50	-
2	110	76			72	55	82	18		0.49	-
3	110	76			72	59	74	23		0.50	-
4	107	80			73	65	78	30		0.47	-
5	105	80			71	62	74	28		0.45	-
6	103	79			71	65	74	32		0.43	-
7	102	79			71	66	74	37		0.42	-
8	98	78			70	66	74	34		0.41	-
9	101	78			69	66	70	37		0.42	-
10	98	78			71	65	74	35		0.40	-
11	99	77			70	61	74	28		0.40	-
12	102	78			73	64	78	32		0.43	-
13	101	78			72	69	78	39		0.42	-
14	101	79			73	71	78	39		0.40	-
15	102	79			73	71	78	45		0.40	-
16	98	79			73	68	78	38		0.38	-
17	100	78			73	64	78	29		0.26	-
18	104	80			72	36	74	10		0.38	-
19	106	81			35	43	17	16		0.66	-
20	98	79			25	48	12	17		0.67	-
21	104	79			73	62	78	28		0.46	-
22	104	78			68	26	70	7		0.40	-
23	104	72			48	29	40	8		0.50	-
24	104	74			42	39	28	11		0.52	-
25	106	72			29	38	16	10	39	0.52	-
26	106	75			63	55	61	21	31	0.45	-
27	106	77			71	55	82	27	56	0.42	-
28	106	76			66	62	51	34	60	0.37	-
29	106	74			71	63	78	33	41	0.34	-
30	106	78			72	62	82	31	40	0.36	-
Tot:										13.23	0.00
Ave:	103	78									

TURBAT

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	76			58	58	50	24	42	0.43	-
2	104	78			64	57	55	23	44	0.48	-
3	106	80			69	57	67	23	48	0.42	-
4	106	80			58	39	45	11	6	0.50	-
5	10[illegible]	74			45	37	32	10	40	0.50	-
6	106	74			60	39	54	11	38	0.46	-
7	105	74			40	44	27	14	46	0.50	-
8	104	76			51	45	39	14	33	0.42	-
9	104	74			59	46	53	17	30	0.38	-
10	103	72			60	51	60	21	50	0.47	-
11	101	75			69	59	77	27	51	0.40	-
12	102	76			60	52	54	19	35	0.38	-
13	106	75			54	51	46	18	30	0.40	-
14	105	75			40	47	26	15	40	0.44	-
15	106	74			42	61	28	26	37	0.48	-
16	105	74			41	45	25	14	42	0.50	-
17	105	74			57	43	53	15	36	0.41	-
18	102	72			63	47	68	18	33	0.41	-
19	101	74			57	46	53	15	41	0.39	-
20	104	74			59	45	53	15	28	0.37	-
21	103	74			61	44	60	14	40	0.39	-
22	103	76			56	51	46	21	37	0.38	-
23	100	73			58	44	56	16	40	0.39	-
24	100	74			59	49	53	20	43	0.35	-
25	98	71			58	51	59	24	37	0.36	-
26	97	72			59	50	59	17	42	0.35	-
27	96	65			32	41	24	17	44	0.40	-
28	96	64			41	38	41	15	45	0.40	-
29	94	64			41	44	41	18	26	0.35	-
30	97	66			54	50	57	23	30	0.31	-
31	95	70			61	51	67	26	36	0.30	-
Tot:										12.72	0.00
Ave:	102	73							38		

91U

TURBAT

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	93	70			60	54	67	29	32	0.28	-
2	93	69			54	51	51	24	22	0.24	-
3	98	68			43	47	37	20	39	0.34	-
4	95	66			45	50	40	22	42	0.39	-
5	97	66			50	55	48	3	32	0.34	-
6	98	65			43	10	41	4	31	0.33	-
7	97	64			45	26	46	10	35	0.34	-
8	94	62			40	6	40	4	27	0.31	-
9	92	62			44	11	48	5	24	0.30	-
10	91	62			40	10	40	5	26	0.28	-
11	90	60			40	15	42	6	12	0.31	-
12	90	60			38	2	38	3	26	0.32	-
13	89	60			37		37		41	0.34	-
14	90	60			40		42		23	0.35	-
15	91	62			35		32		27	0.38	-
16	98	62			32		29		39	0.40	-
17	93	68			39	57	32	37	29	0.36	-
18	90	68			63	55	80	34	46	0.34	-
19	89	64			49	29	54	13	32	0.30	-
20	88	63			49	48	54	28	36	0.28	-
21	86	66			71	69	90	64	19	0.16	0.02
22	86	70			41	41	31	25	41	0.30	-
23	82	62			41	51	43	39	51	0.31	-
24	80	54			19	-35	22	1	40	0.28	-
25	81	57			38	33	44	20	44	0.31	-
26	80	52			40	2	52	4	38	0.30	-
27	82	52			24	15	29	8	32	0.25	-
28	84	56			46	49	56	36	41	0.20	-
29	80	62			48	49	53	36	37	0.17	-
30	81	62			50	41	58	25	29	0.17	-
Tot:										8.98	0.02
Ave:	89	62							33		

TURBAT

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	82	61			43	34	47	19	38	0.20	-
2	82	60			50	42	62	27	45	0.20	-
3	82	62			48	40	53	22	32	0.21	-
4	86	62			38	35	38	17	33	0.22	-
5	86	63			41	32	41	17	26	0.20	-
6	85	61			44	37	48	19	32	0.28	-
7	85	64			59	61	74	63	33	0.25	-
8	79	63			40	32	40	22	43	0.21	0.12
9	74	54			28	30	32	23	78	0.31	-
10	71	54			51	54	81	57	74	0.30	-
11	72	55			26	-35	28	2	89	0.33	-
12	74	54			6	22	9	12	71	0.30	-
13	82	52			40	-16	56	2	43	0.25	-
14	80	54			28		32		20	0.20	-
15	82	57			35	15	39	10	26	0.18	-
16	79	60			11	37	12	23	26	0.16	-
17	81	64			60	58	79	56	31	0.12	-
18	77	58			49	49	66	40	49	0.19	-
19	78	58			53	51	76	41	29	0.14	-
20	78	58			51	52	71	44	31	0.16	-
21	77	55			49	46	70	34	36	0.16	-
22	79	56			50	47	76	35	32	0.20	-
23	80	58			56	47	82	37	37	0.15	-
24	78	58			47	52	61	53	51	0.23	-
25	73	54			22	37	25	40	57	0.26	-
26	64	50			16	40	23	52	53	0.10	-
27	59	46			40	28	71	35	33	0.28	-
28	58	45				13		17	126	0.33	-
29	60	48				26		23	120	0.37	-
30	65	49			20	37	26	33	71	0.26	-
31	69	52			20	40	26	27	51	0.26	-
Tot:										7.01	0.12
Ave:	75	56							49		

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USTA MOHAMMAD - 1972

Location Latitude 28°11', Longitude 68°04', in Agricultural Seed Farm, about 23 miles by road from Jhat Pat Railway Station.

Elevation

Period of record The station was established by the Project Director, Project Planning Southern Zone (old L.I.P) on 7.7.1964, and taken over by Surface Water Hydrology Project in December 1965.

Instruments
5" Non-recording rain gauge.
U.S. Universal weighing type recording rain gauge.
Maximum and Minimum air temperature thermometer.
Maximum and Minimum pan water temperature thermometer.
Wet and dry bulb thermometers.
U.S. Weather Bureau Standard Evaporation pan.
Anemometer.
Pyrheliometer.

Annual figures

Precipitation	Incomplete
Evaporation	Incomplete

Absolute maximum air temperature 121°F
Absolute minimum air temperature incomplete

Remarks Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hour and stand for 24 hour period preceding 0800 of the day.

Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Solar radiation is measured in langley's per day from midnight to midnight on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

USTA MOHAMMAD

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	76	50	73	49	40	54	60	54	141	12	0.11	-
2	74	44	71	45	35	54	68	54	198	10	0.13	-
3	74	40	69	45	41	57	84	55	198	5	0.12	-
4	76	40	70	45	36	52	69	53	184	7	0.14	-
5	74	36	69	40	38	52	70	53	184	14	0.13	-
6	72	35	68	40	25	52	50	63	212	14	0.15	-
7	72	38	68	40	29	52	53	63	170	21	0.14	-
8	68	37	65	40	32	30	73	26	198	8	0.13	-
9	72	40	62	40	26	43	42	44	184	6	0.10	-
10	75	38	70	42	33	44	56	45	226	21	0.11	-
11	70	36	64	40	27	39	57	36	240	7	0.12	-
12	74	41	68	44	36	44	69	42	170	13	0.15	-
13	68	44	64	42	39	45	70	46	198	6	0.08	-
14	70	41	64	40	34	45	62	46	212	19	0.09	-
15	72	39	71	45	25	45	41	46	226	10	0.09	-
16	72	40	70	42	32	43	61	41	198	8	0.10	-
17			75	43	43	47	67	49	184	7	0.09	-
18	74	48	70	43	46	41	74	43	170	12	0.11	-
19	76	46	70	50	42	44	78	48	155	3	0.10	-
20	70	48	67	50	50	44	81	48	141	8	0.10	-
21	72	46	72	52	45	43	68	41	198	13	0.11	-
22	74	38	75	43	28	40	48	42	198	30	0.10	-
23	70	40	69	43	34	44	68	48	170	16	0.13	-
24	66	42	69	44	32	35	61	34	141	12	0.10	-
25			63	49	35	41	68	43	127	6	0.06	-
26			69	50	43	43	67	63	155	11	0.08	-
27									99			-
28									133			-
29	70	52	69	51	27	40	33	56	141	20+	0.22+	-
30	70	52	69	51	45	50	68	76		8	0.07	-
31	69	51	68	50	49	53	43	87		19	0.10	0.50
Tot:											3.26	0.50
Ave:										11		

+ 3 days observation.

USTA MOHAMMAD

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	64	54	63	54	51	52	81	67			0.13	0.40
2			65	52	39	51	70	71	127		0.04	-
3	60	38	62	41	29	49	64	58	268		0.05	-
4	65	40	70	42	39	41	77	46	170		0.08	-
5	62	38	65	42	25	38	50	38	268		0.07	-
6	64	35	73	39	25	40	62	37	311		0.08	-
7	67	32	70	37	31	39	73	36	296		0.09	-
8	68	32	70	39	32	39	73	34	296		0.10	-
9	72	40	71	40	32	54	61	51	296	9	0.12	-
10	74	40	76	42	39	50	84	43	254	8	0.10	-
11	75	44	75	45	38	32	60	29	184	28	0.15	-
12	64	38	67	41	29	35	64	39	240	75	0.26	-
13	62	35	65	43	30	40	59	35	282	7	0.13	-
14	70	36	70	41	28	35	64	30	268	4	0.11	-
15	70	39	71	41	33	44	67	48	268	17	0.13	-
16	66	36	70	42	32	43	73	41	282	6	0.13	-
17	68	40	72	42	36	48	63	42	296	3	0.10	-
18	72	42	72	43	38	34	76	24	296	10	0.12	-
19	73	42	76	46	35	48	62	40	268	9	0.13	-
20	76	46	77	52	42	42	67	27		13	0.14	-
21	79	46	79	50	40	45	71	38	240	10	0.15	-
22	81	49	80	50	44	48	55	32	240	15	0.17	-
23	82	46	80	45	25	36	35	52	198	47	0.30	-
24			72	39	20	27	24	11	184	61	0.32	-
25			69	42	25	25	35	13	184	54	0.25	-
26									282			-
27	83	45	85	30	22	48	28	40	282	71+	0.40+	-
28	82	45	85	32	32	51	40	47	240	27	0.20	-
29	82	40	85	42	15	50	28	43	155	19	0.22	-
Tot:											4.27	0.4
Ave:												

\+ 2 days observation.

USTA MOHAMMAD

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	90	43	88	42	51	49	59	29	296	22	0.20	-
2	91	44	92	40	33	31	38	14	184	15	0.19	-
3	91	44	92	49	46	29	43	13	240	21	0.23	-
4	92	40	90	34	47	39	57	19	155	30	0.30	-
5	91	43	92	34	41	33	71	16	296	46	0.40	-
6	90	50	87	50	37	39	59	20	325	20	0.20	-
7	91	51	90	34	50	47	87	26		23	0.20	-
8			70	55	51	47	71	30	296	19	0.21	-
9	82	60	85	55	49	47	43	26	254	30	0.23	-
10			84	55	48	50	42	31		40	0.24	-
11	84	60	84	56	48	48	40	27		39	0.25	-
12			84	57	44	41	33	18		42	0.25	-
13					49	42	43	19		41	0.27	-
14			85	56	44	47	35	23	325	3	0.20	-
15			90	58	44	44	33	20	240	4	0.21	-
16	90	61	91	57	53	41	56	18	212	2	0.26	-
17	92	62	93	58	48	48	50	27	240	4	0.30	-
18	92	65	91	62	54	53	60	33		28	0.26	-
19	94	65	92	61	53	52	56	29		36	0.28	-
20	95	65	93	62	53	44	53	20		25	0.30	-
21	96	63	95	62	55	47	58	23	325	30	0.30	-
22	97	61	95	63	56	45	61	19	325	25	0.29	-
23	98	62	97	62	57	44	58	18	311	19	0.29	-
24	99	63	99	63	56	44	55	16	282	27	0.30	-
25	99	62	98	63	57	39	58	13	282	17	0.31	-
26									311			-
27	101	64	100	64	56	40	52	12	240	54+	0.59+	-
28	101	63	101	62	58	36	59	11	282	20	0.28	-
29	102	63	101	63	55	33	51	9	226	19	0.30	-
30	103	64	102	65	58	39	59	11	296	22	0.29	-
31	102	62	101	62	59	43	57	13	311	40	0.31	-
Tot:											8.24	0.00
Ave:										25		

+ 2 days observation.

USTA MOHAMMAD

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	103	61	102	62	57	37	58	10	367	26	0.30	-
2	103	63	101	62	56	33	52	9	381	15	0.35	-
3	103	66	102	64	58	34	56	8	268	17	0.36	-
4	104	65	104	63	59	21	57	5		20	0.34	-
5	106	65	106	66	57	21	55	5		25	0.34	-
6	104	62	103	61	55	36	51	10		30	0.40	-
7	105	64	105	61	54	41	48	12		27	0.38	-
8	104	64	104	63	57	43	55	13		45	0.42	-
9	105	64	104	66	54	41	48	12		55	0.45	-
10	106	64	106	66	57	36	55	10	325	60	0.46	-
11	105	65	105	65	58	29	56	8	367	62	0.42	-
12	104	63	100	61	55	19	51	5	367	81	0.47	-
13	106	64	106	65	56	43	52	13		58	0.40	-
14	106	64	106	66	56	43	52	13	508	59	0.30	-
15	104	71	100	64	59	63	53	33	494	48	0.42	-
16	97	72	97	68	64	60	65	34	395	73	0.47	-
17	94	68	93	66	61	55	63	28	409	49	0.35	-
18	94	64	96	63	54	49	54	21	480	84	0.38	-
19	98	68	95	62	58	45	56	19	565	29	0.40	-
20	100	75	96	66	55	39	43	16	494	45	0.38	-
21	95	73	83	65	55	39	43	16	268	25	0.30	-
22	91	74	82	64	62	37	64	16	155	19	0.30	-
23			79	68	60	62	67	37	353	27	0.25	-
24			95	67	57	63	53	33		32	0.30	-
25	97	70	98	68	60	61	54	28		32	0.42	-
26	104	64	102	70	60	61	54	28		32	0.53*	-
27	100	78	94	75	65	48	53	17		72	0.42*	-
28	100	70	92	73	54	60	41	26		62	0.48*	-
29	102	72	94	75	53	57	38	23		45	0.40*	-
30	103	71	95	73	55	59	39	25		41	0.45	-
Tot:											11.64	0.00
Ave:			98	66						43		

* Estimated evaporation.

USTA MOHAMMAD

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	104	70	94	72	54	55	41	22	353	50	0.51	-
2	105	71	96	72	51	58	35	24	395	38	0.48	-
3	103	72	95	72	52	55	36	21	438	40	0.47	-
4	105	72	100	73	55	59	39	24	395	33	0.50	-
5	106	72	98	73	52	59	36	25	381	44	0.51	-
6	107	72	101	75	54	61	37	26	381	46	0.52	-
7	106	73	103	74	55	59	39	24	409	65	0.50	-
8	106	72	103	75	55	58	39	22	409	75	0.51	-
9	108	78	104	75	56	57	36	21	381	53	0.50	-
10	108	78	93	62	60	59	42	22	409	31	0.50	-
11	111	80	102	69	55	58	34	20	381	40	0.52	-
12	112	74	99	73	61	56	40	20	381	48	0.49	-
13	110	77	99	64	51	53	26	18	395	53	0.55	-
14	105	78	99	64	56	55	31	20	409	57	0.58	-
15	107	79	101	67	47	57	20	21	339	50	0.50	-
16	112	77	103	64	54	50	29	14	339	48	0.56	-
17	113	78	107	64	49	59	20	17	409	23	0.49*	-
18	115	77	104	65	47	59	20	18	395	39	0.51	-
19	112	77	103	63	50	58	22	19	409	50	0.50	-
20	113	78	102	64	46	55	18	16	367	54	0.51	-
21	112	78	104	65	50	58	22	19	409	65	0.53	-
22	114	79	105	67	51	59	21	17	438	49	0.52	-
23	115	79	105	65	48	56	19	16	424	51	0.53*	-
24	114	80	104	66	47	58	18	17	494	82	0.55	-
25	118	80	105	67	49	60	19	19	466	38	0.52	-
26	111	78	102	64	49	59	20	20	494	43	0.51*	-
27	111	79	101	65	46	61	18	20	424	48	0.50	-
28	113	78	103	64	48	60	19	19	480	52	0.55	-
29	114	79	105	65	52	63	23	22	367	60	0.54	-
30	113	79	105	64	51	63	21	22	367	45	0.54	-
31	114	80	105	66	49	65	19	24	353	48	0.56	-
Tot:											16.16	0.00
Ave:	110	77	102	68						49		

* Estimated evaporation.

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	113	80	106	66	50	64	20	22	367	50	0.55	-
2	112	79	106	64	46	64	17	25	438	38	0.54	-
3	114	80	106	66	45	63	15	21	452	71	0.58	-
4	113	79	105	66	49	65	19	23	424	45	0.53	-
5	112	80	105	64	46	66	17	25	409	48	0.52	-
6	111	78	103	64	44	64	16	25	466	56	0.52	-
7	110	78	103	64	50	63	19	23	409	50	0.51	-
8	112	79	104	63	44	63	16	23	381	52	0.50	-
9	111	79	103	63	46	61	17	20	381	51	0.50	-
10	114	80	104	65	50	61	20	20	339	49	0.50	-
11	115	80	105	66	52	63	21	20	438	52	0.55	-
12	115	80	104	66	61	63	28	20	424	41	0.56	-
13	114	81	105	65	59	61	27	17	381	96	0.55	-
14	118	80	90	70	72	58	43	15	452	30	0.53	-
15	119	79	90	71	70	61	44	16	438	34	0.53	-
16	119	80	91	73	74	63	52	17	452	35	0.57	-
17	120	80	92	74	76	68	63	20	409	36	0.60	-
18	120	79	91	75	75	60	57	15	452	32	0.58	-
19	121	80	92	76	76	74	63	24	438	61	0.61	-
20	120	80	90	77	78	74	67	29	438	45	0.55	-
21	117	79	89	76	77	75	63	31	367	50	0.54	-
22	119	79	90	77	80	74	74	31	409	43	0.53	-
23	119	79	89	77	80	83	74	42	466	80	0.58	-
24	111	83	86	80	68	78	45	38	466	82	0.60	-
25	110	86	88	80	66	75	43	32	452	89	0.65	-
26	111	87	84	80	76	69	60	28	395	80	0.60	-
27			85	81	75	75	65	32	409	90	0.60	-
28			86	77	73	73	62	32	424	88	0.58	-
29			92	75	79	71	64	30	424	60	0.57	-
30			87	76	81	75	68	32	438	70	0.59	-
Tot:											16.72	0.00
Ave:			96	71						57		

USTA MOHAMMAD

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1			90	75	77	75	56	34	438	54	0.60	-
2			89	75	77	74	61	33	466	68	0.58	-
3			90	76	75	72	55	31	494	57	0.58	-
4			92	77	74	69	52	28	452	65	0.55	-
5			91	77	74	68	55	27	424	63	0.56	-
6	109	82	92	75	79	73	59	30	424	77	0.58	-
7			90	75	77	72	58	33	395	65	0.57	-
8			89	74	75	69	57	31	452	68	0.50	-
9	106	78	90	75	78	71	64	34	381	65	0.26*	0.30
10			92	75	79	77	64	42	395	68	0.49	-
11	105	79	91	75	78	71	64	41	424	25	0.45	-
12	104	78	90	74	76	72	60	37	452	27	0.43	-
13	104	78	90	73	78	73	67	39	395	28	0.44	-
14	103	80	91	73	76	72	63	38	438	30	0.45	-
15	103	79	90	72	77	71	67	36	395	21	0.42	-
16	103	79	91	72	77	73	63	40	395	26	0.41	-
17	102	78	90	72	75	71	60	36	367		0.41	-
18	103	79	91	73	76	73	60	40	381	27+	0.45	-
19	102	80	92	74	78	73	67	40	367	30	0.45	-
20	104	80	91	75	79	71	67	36	409	22	0.43	-
21	103	80	92	73	78	73	64	40	395	26	0.41	-
22	103	80	92	72	76	73	60	39	409	26	0.40	-
23	103	80	91	72	75	72	57	38	381	22	0.40	-
24	102	79	90	70	77	72	63	40	424	19	0.40	-
25	101	79	90	70	76	72	63	38	395	24	0.39	-
26	102	78	91	70	77	70	67	36	381	27	0.41	-
27	103	78	90	71	76	70	63	36	438	29	0.40	-
28	103	79	90	72	78	70	67	36	409	26	0.38	-
29	102	79	89	71	76	72	60	38	381	26	0.38	-
30	102	78	88	71	78	74	67	42	395	23	0.39	-
31	103	78	89	71	79	73	70	40	438	20	0.40	-
Tot:											14.37	0.30
Ave:			90	73						37		

\+ 2 days observation.

* Estimated evaporation.

USTA MOHAMMAD

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	103	79	90	72	78	76	67	45	409	26	0.40	-
2	103	78	90	72	80	75	70	43	424	25	0.37	-
3	102	78	91	73	78	73	67	40	424	27	0.35	-
4	103	79	91	75	76	72	60	40	409	30	0.39	-
5	101	77	90	74	75	70	60	38	409	26	0.37	-
6	103	79	90	72	76	72	60	38	424	31	0.35	-
7	102	78	90	70	75	77	60	67	409	9	0.34	-
8	104	79	89	71	74	78	55	67	424	38	0.36	-
9	102	78	89	70	76	76	60	63	438	51	0.33	-
10	102	80	90	70	76	73	63	40	424	57	0.37	-
11	102	82	87	72	74	73	68	40	438	45	0.36	-
12	102	80	92	79	72	73	68	39	438	45	0.36	-
13	103	78	85	77	72	70	71	38	395	54	0.37	-
14	101	80	80	77	74	72	71	38	311	37	0.40	-
15	102	82			75	68	69	36	296	60	0.40	-
16	99	84			76	73	66	44	395	41	0.41	-
17	104	82			72	70	59	36	438	32	0.38	-
18	102	80			73	73	65	39	296	38	0.38	-
19	104	83			76	76	65	43	325	48	0.40	-
20	100	81			73	71	65	39	381	59	0.38	-
21	100	82			75	71	60	39	395	50	0.37	-
22	100	83			78	73	73	39	409	40	0.40	-
23	103	82			76	75	63	41	409	53	0.40	-
24	104	84			79	73	76	39	395	36	0.37	-
25	103	83			77	72	76	38	395	75	0.35	-
26	102	82			78	70	79	38	409	80	0.32	-
27	102	81			78	72	79	38	381	68	0.32	-
28	103	80			80	73	87	40	381	70	0.31	-
29	103	81			81	75	84	43	367	73	0.30	-
30	102	82			81	77	87	45	424	74	0.34	-
31	102	81			81	77	84	47	409	81	0.35	-
Tot:											11.30	0.00
Ave:	102	81								48		

USTA MOHAMMAD

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	103	82			81	76	87	45	438	71	0.35	-
2	102	81			81	74	84	44	353	56	0.33	-
3	101	81			79	73	80	42	395	83	0.35	-
4	100	80			78	74	79	42	409	64	0.30	-
5	102	81			77	73	76	40	325	71	0.30	-
6	102	82			79	72	83	40	381	74	0.30	-
7	102	81			81	72	91	40	353		0.31	-
8	101	80			81	71	96	39	353	51+	0.32	-
9	101	80			80	71	91	39	339	80	0.32	-
10	100	80			79	71	91	39	367	54	0.32	-
11	101	81			77	73	83	42	381	55	0.32	-
12	102	80			79	71	91	39	353	80	0.32	-
13	103	80			81	72	100	40	367	68	0.31	-
14	102	81			79	72	83	40	381	71	0.30	-
15	102	82			78	73	83	40	339	72	0.30	-
16	104	82			81	75	84	41	353	83	0.31	-
17									367			
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
Tot:												
Ave:												

+ 2 days observation.

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
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	90	60	87	56	51	69	71	55			0.17	-
26	89	54	80	55	44	69	51	58		11	0.18	-
27	88	55	85	54	53	64	82	53		11	0.19	-
28	85	53	84	52	53	70	76	61		18	0.17	-
29	92	54	80	60	49	59	54	36		12	0.10	-
30	95	58	70	65	65	76	72	63		10	0.17	-
31			85	58	57	64	69	36		13	0.17*	-
Tot:												
Ave:												

* Estimated evaporation.

USTA MOHAMMAD

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1					57	70	78	55		11	0.16	-
2	92	60	85	62	54	61	73	54		11	0.20	-
3			81	61	55	64	68	59		11	0.14	-
4			81	62	54	75	88	63		14	0.13	-
5			82	62	51	73	87	78		14	0.12	-
6			76	53	52	61	81	44		14	0.17	-
7	87	56	83	55	56	60	88	46		12	0.15	-
8	84	55	82	57	46	62	33	54		5	0.14	-
9	90	56			58	51	83	66		4	0.20	-
10	86	57	80	61	48	64	53	59		3	0.15	-
11	85	60	82	57	59	39	89	30		5	0.15	-
12	88	63	85	62	56	71	82	67		2	0.14	-
13			84	61	52	63	67	67		3	0.17	-
14					58	61	56	44		1	0.16	-
15	85	62	82	59	60	65	70	51		2	0.13	-
16			82	56	54	69	68	58		2	0.14	-
17			78	55	52	64	87	59		3	0.14	-
18	90	54	81	56	53	59	82	50		27	0.13	-
19	87	53	82	54	51	87	71	63		21	0.17	-
20	83	53	80	55	50	67	81	54		12	0.15	-
21			80	50	56	73	82	78		10	0.12	-
22	84	52	82	54	49	64	54	53		10	0.14	-
23	85	55	75	45	59	56	59	44		10	0.18	-
24	81	51	80	52	51	62	87	58		8	0.13	-
25	84	50	80	50	45	63	63	53		9	0.14	-
26	81	48	75	42	34	68	48	81		13	0.13	-
80	80	50	78	49	46	69	74	81		16	0.15	-
28	84	51	80	54	51	61	81	54		22	0.12	-
29	86	51	80	54	50	65	87	59		15	0.11	-
30	82	51	80	55	48	67	80	66		13	0.10	-
Tot:											4.36	0.00
Ave:										10		

USTA MOHAMMAD

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 AM	Dew Point 5 PM	Relative Humidity Percent 8 AM	Relative Humidity Percent 5 PM	Solar Radiation Langley's	Wind Movement Miles	Evaporation inches	Rain inches
1	79	50	80	58	45	39	73	30		16	0.13	-
2	80	53	81	56	49	43	70	29		18	0.14	-
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18										147+	0.05	-
19	71	49	49	46	47	49	86	54	212	4	0.04	-
20	75	48			25	52	35	63	170	2	0.09	-
21	71	50	50	46	48	52	93	53	170	2	0.06	-
22	74	50	48	38	53	54	93	54	170	23	0.05	-
23	78	48	50	37	47	52	93	53	184	12	0.10	-
24	71	48	50	36		43		44	198	42	0.11	-
25	66	50	49	37	46	41	74	41	170	38	0.10	-
26	66	50	49	38	47	30	88	25	198	6	0.10	-
27					39	34	77	29	226	55	0.10	-
28					39	30	77	25	268	10	0.10	-
29					41	43	84	63	254	20	0.11	-
30	64	35			35	35	100	34	254	73	0.11	-
31	64	30	35	27	32	35	100	34	254	10	0.11	-

Tot:

Ave:

\+ 16 days observation.

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UTHAL - 1972

Location	Latitude 25°48', Longitude 66°38', on Karachi- Quetta highway nearly 80 miles from Karachi.
Elevation	130 ± ft. msl.
Period of record	Station established by Surface Water Hydrology Project WAPDA in March 1965.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard Evaporation pan. Dines' Pressure Tube Anemograph.
Annual figures	Precipitation 2.28 inches Evaporation (Pan) 119.78 inches Absolute maximum air temperature 115°F Absolute minimum air temperature 36°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. The wind travel record computed from Dines' Pressure Tube graphs is shown separately. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank Space indicates no record. (-) Indicates no precipitation.

UTHAL

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	84	54			48	46	75	29		0.11	-
2	87	52			46	52	74	42		0.14	-
3	82	48			36	40	58	27		0.13	-
4	84	46			38	38	70	25		0.11	-
5	86	46			41	47	71	35		0.14	-
6	83	44			35	46	68	33		0.13	-
7	83	43			36	38	69	25		0.12	-
8	84	43			35	43	68	31		0.13	-
9	83	44			41	46	77	29		0.12	-
10	84	45			38	40	70	26		0.17	-
11	81	46			36	49	58	34		0.15	-
12	81	50			41	54	66	46		0.18	-
13	81	50			40	59	65	53		0.13	-
14	81	50			46	53	79	40		0.12	-
15	84	49			42	43	72	29		0.13	-
16	82	47			40	48	60	33		0.12	-
17	84	52			46	47	74	31		0.11	-
18	85	52			48	45	80	27		0.15	-
19	88	54			48	42	70	27		0.16	-
20	86	58			46	47	53	31		0.15	-
21	87	55			47	53	69	40		0.17	-
22	81	50			33	48	47	27		0.23	-
23	81	47			39	35	65	22		0.17	-
24	80	50			42	54	67	51		0.14	-
25	78	52			53	55	76	49		0.12	-
26	79	55			51	56	81	46		0.12	-
27	83	56			51	54	76	48		0.14	-
28	82	57			53	58	76	56		0.16	-
29	82	59			57	66	78	77		0.15	-
30	84	64			65	67	80	77		0.19	-
31	78	64			61	63	75	80		0.17	-
Tot:										4.46	0.00
Ave:	83	51									

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	72	60			49	50	61	62		0.14	-
2	67	54			46	49	60	61		0.18	-
3	63	46			26	60	38	70		0.16	-
4	72	45			29	30	41	23		0.24	-
5	71	46			25	32	41	24		0.27	-
6	72	41			17	24	26	15		0.29	-
7	78	40			29	36	53	25		0.27	-
8	76	44			39	33	77	20		0.26	-
9	80	46			36	48	58	38		0.24	-
10	81	48			43	54	78	48		0.27	-
11	80	49			32	25	37	21		0.30	-
12	70	46			26	28	38	23		0.35	-
13	68	40			23	36	49	26		0.28	-
14	74	36			19	26	40	16		0.25	-
15	80	40			29	32	53	22		0.23	-
16	76	42			31	46	60	33		0.20	-
17	80	44			35	47	57	31		0.20	-
18	82	49			42	47	67	31		0.16	-
19	82	50			41	37	66	22		0.19	-
20	84	48			36	32	58	17		0.20	-
21	87	50			40	49	60	34		0.24	-
22	89	53			53	52	82	42		0.26	-
23	82	54			24	26	27	18		0.30	-
24	73	42			26	28	38	22		0.40	-
25	71	46			36	10	58	9		0.41	-
26	74	46			16	21	23	13		0.35	-
27	78	45			32	27	55	14		0.30	-
28	80	42			7	29	13	16		0.29	-
29	80	43			32	35	61	17		0.31	-
Tot:										7.54	0.00
Ave:	77	46									

930

UTHAL

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	86	43			26	41	42	21		0.24	-
2	87	46			31	19	50	9		0.25	-
3	88	49			43	50	67	39		0.23	-
4	82	52			53	49	76	34		0.25	-
5	84	49			32	38	40	18		0.33	-
6	91	50			41	52	61	38		0.30	-
7	86	54			53	57	72	47		0.28	-
8	84	53			55	62	69	50		0.25	-
9	90	61			59	48	83	24		0.26	-
10	90	62			59	47	74	23		0.21	-
11	93	60			50	58	58	50		0.27	-
12	83	58			55	53	77	33		0.23	-
13	88	52			46	35	64	14		0.25	-
14	94	56			49	38	66	25		0.25	-
15	92	58			48	40	65	18		0.29	-
16	92	60			59	51	74	27		0.32	-
17	96	66			59	49	66	26		0.36	-
18	95	66			59	51	70	27		0.34	-
19	96	68			64	55	72	30		0.36	-
20	94	60			53	49	60	30		0.38	-
21	92	62			58	69	73	48		0.37	-
22	95	62			57	56	58	26		0.36	-
23	102	59			54	53	60	24		0.39	-
24	104	63			58	61	66	36		0.37	-
25	102	67			59	60	62	31		0.35	-
26	100	68			66	64	80	40		0.38	-
27	100	70			65	54	72	26		0.41	-
28	102	72			67	61	77	42		0.40	-
29	97	68			59	60	66	31		0.36	-
30	101	66			34	31	26	12		0.46	-
31	98	59			49	41	58	18		0.44	-
Tot:										9.94	0.00
Ave:	93	59									

UTHAL

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	56			48	44	53	20		0.50	-
2					65	61	80	44		0.40	-
3	95	70			67	67	77	49		0.38	-
4	97	73			69	66	73	51		0.45	-
5	94	70			69	65	86	42		0.40	-
6		67			63	57	72	37		0.43	-
7	97	67			63	61	68	42		0.45	-
8	95	68			66	61	77	39		0.40	-
9	99	62			56	47	61	18		0.45	-
10	100	61			53	50	60	25		0.39	-
11	95	59			58	35	66	12		0.42	-
12	100	61			60	51	79	26		0.44	-
13	103	67			63	62	68	41		0.47	-
14	96	70			68	68	81	58		0.45	-
15	91	70			65	69	72	55		0.42	-
16	90	72			69	69	77	64		0.46	-
17	91	67			66	59	80	40		0.45	-
18	90	68			67	64	77	44		0.42	-
19	96	67			62	51	71	24		0.44	-
20	99	71			63	63	77	41		0.46	-
21	97	70			68	62	77	37		0.39	-
22	97	74			70	67	81	52		0.36	-
23	92	74			71	68	78	58		0.39	-
24	91	70			67	65	73	46		0.41	-
25	93	72			70	70	86	53		0.37	-
26	96	74			69	66	77	51		0.40	-
27	93	71			70	67	81	49		0.46	-
28	93	70			67	58	73	29		0.48	-
29	102	70			67	56	77	28		0.45	-
30	102	71			70	65	81	42		0.47	-
Tot:										12.86	0.00
Ave:											

UTHAL

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	103	72			69	64	73	35		0.46	-
2	105	72			70	65	74	35		0.47	-
3	102	72			72	68	82	45		0.51	-
4	96	71			67	65	73	42		0.48	-
5	94	75			71	67	78	49		0.45	-
6	93	72			70	69	81	55		0.47	-
7	92	73			73	68	86	52		0.45	-
8	94	72			71	71	78	55		0.43	-
9	97	74			73	68	82	45		0.42	-
10	98	73			72	68	82	42		0.45	-
11	100	74			73	68	78	33		0.41	-
12	111	78			70	65	61	31		0.43	-
13	108	79			69	62	64	31		0.55	-
14	109	74			68	61	66	28		0.50	-
15	110	74			70	70	67	41		0.52	-
16	108	74			60	60	63	26		0.54	-
17	109	73			68	59	63	23		0.56	-
18	115	73			67	66	57	36		0.62	-
19	114	78			71	70	64	44		0.60	-
20	107	77			73	76	71	60		0.53	-
21	101	80			74	74	75	60		0.45	-
22	96	78			74	70	78	51		0.47	-
23	95	74			71	65	78	38		0.44	-
24	98	72			70	66	81	39		0.41	-
25	97	73			70	65	74	32		0.45	-
26	107	74			71	59	78	25		0.53	-
27	108	70			70	61	86	26		0.56	-
28	109	73			71	62	78	28		0.62	-
29	106	74			73	73	82	50		0.65	-
30	104	77			72	76	74	60		0.63	-
31	97	78			74	75	75	55		0.58	-
Tot:										15.64	0.00
Ave:	103	74									

UTHAL

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Poinr 9 A.M	Dew Poinr 5 P.M	Relative Humidity Percent 9 A.M	Relative Humidity Percent 5 P.M	Wind Move-ment Miles	Evapo-ration inches	Rain inches
1	100	80			76	76	75	58		0.55	-
2	97	77			75	71	79	45		0.47	-
3	105	78			77	75	79	46		0.40	-
4	107	80			76	75	75	55		0.45	-
5	102	81			78	77	79	56		0.40	-
6	100	82			78	77	79	51		0.46	-
7	105	80			77	76	79	60		0.43	-
8	100	80			78	80	79	70		0.44	-
9	100	80			77	78	76	56		0.47	-
10	105	79			78	76	79	51		0.48	-
11	104	83			79	81	80	68		0.46	-
12	100	82			78	78	79	56		0.45	-
13	101	80			79	79	80	61		0.41	-
14	100	80			77	78	79	64		0.43	-
15	97	79			78	79	79	61		0.44	-
16	97	82			79	77	76	61		0.41	-
17	96	81			79	77	80	61		0.38	-
18	98	83			80	79	80	64		0.40	-
19	100	83			79	81	76	74		0.47	-
20	98	84			79	79	76	61		0.45	-
21	102	83			79	78	83	59		0.52	-
22	100	82			79	77	80	61		0.47	-
23	100	80			78	75	79	50		0.45	-
24	101	80			78	75	79	43		0.46	-
25	104	82			79	75	76	40		0.46	-
26	110	84			79	79	73	56		0.49	-
27	102	84			79	77	76	54		0.55	-
28	102	84			80	80	80	62		0.47	-
29	104	80			77	79	79	59		0.37	0.18
30	102	84			81	82	80	68		0.41	-
Tot:										13.50	0.18
Ave:	101	81									

UTHAL

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	83			81	77	77	45		0.26	0.11
2	104	86			79	79	70	67		0.47	-
3	103	86			79	78	73	73		0.39	0.91
4	94	80			80	79	87	70		0.29	0.17
5	92	81			75	75	72	57		0.32	-
6	96	82			79	79	80	64		0.34	-
7	97	85			80	80	80	74		0.43	-
8	98	82			81	79	84	61		0.32	0.28
9	98	84			81	81	84	68		0.35	-
10	97	84			83	79	92	67		0.37	-
11	95	84			79	78	76	67		0.35	-
12	96	83			79	78	80	64		0.38	-
13	96	84			79	79	79	67		0.36	-
14	97	83			81	79	87	61		0.35	-
15	100	84			79	78	80	59		0.38	-
16	99	85			79	79	76	67		0.42	-
17	100	84			79	79	80	61		0.40	-
18	101	84			79	79	76	64		0.43	-
19	98	84			77	78	76	64		0.36	-
20	97	83			77	77	83	63		0.34	-
21	95	82			78	76	69	60		0.42	-
22	96	80			75	74	72	57		0.40	-
23	96	82			76	76	72	60		0.42	-
24	97	82			77	77	72	67		0.39	-
25	96	82			75	77	72	69		0.46	-
26	97	83			74	76	68	63		0.44	-
27	96	82			73	75	65	57		0.45	-
28	96	83			75	59	72	67		0.42	-
29	95	82			75	75	75	57		0.39	-
30	95	81			74	74	71	60		0.41	-
31	97	82			75	75	75	60		0.40	-
Tot:										11.91	1.47
Ave:	97	83									

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	83			75	75	72	63		0.36	-
2	97	81			74	74	75	57		0.34	-
3	96	82			76	75	79	63		0.33	-
4	95	80			75	73	79	62		0.35	-
5	93	80			74	73	75	59		0.32	-
6	94	81			74	74	75	60		0.33	-
7	93	80			74	73	75	59		0.31	-
8	92	81			75	73	79	57		0.34	-
9	93	79			74	72	78	54		0.32	-
10	96	78			73	72	82	59		0.36	-
11	95	79			74	70	78	55		0.35	-
12	94	79			72	71	71	58		0.33	-
13	96	76			72	71	82	58		0.32	-
14	94	76			73	71	82	61		0.35	-
15	94	77			74	71	78	54		0.36	-
16	97	77			72	70	78	55		0.36	-
17	96	76			74	71	86	58		0.34	-
18	96	78			73	72	78	59		0.35	-
19	96	77			72	72	74	54		0.36	-
20	98	77			74	71	78	54		0.34	-
21	95	78			73	72	78	59		0.36	-
22	96	77			74	72	83	62		0.38	-
23	94	78			74	71	83	56		0.35	-
24	98	80			74	73	75	57		0.37	-
25	100	81			76	76	79	58		0.36	-
26	100	80			75	73	79	54		0.37	-
27	102	76			73	67	78	38		0.38	-
28	106	74			74	66	86	39		0.45	-
29	105	71			71	65	86	38		0.46	-
30	104	74			73	66	86	39		0.46	-
31	104	72			70	65	86	41		0.42	-
Tot:										11.18	0.00
Ave:	97	78									

UTHAL

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	98	73			70	71	74	71		0.37	-
2	95	72			71	70	82	70		0.39	-
3	94	76			72	72	78	72		0.35	-
4	94	76			74	73	74	73		0.36	-
5	92	77			73	71	23	71		0.35	-
6	92	76			72	71	72	71		0.36	-
7	94	76			72	71	72	71		0.34	-
8	96	77			73	71	23	71		0.35	-
9	94	78			73	70	23	70		0.37	-
10	94	76			73	71	23	71		0.35	-
11	96	75			72	72	72	72		0.34	-
12	98	77			73	71	73	71		0.37	-
13	102	78			74	70	74	70		0.39	-
14	100	77			73	71	73	71		0.38	-
15	97	77			74	72	74	72		0.35	-
16	95	76			74	72	74	72		0.34	-
17	96	77			73	72	73	72		0.32	-
18	96	77			74	71	74	71		0.33	-
19	101	76			74	66	74	66		0.29	-
20	102	68			60	57	60	57		0.31	-
21	104	72			74	69	74	69		0.40	-
22	101	73			74	67	74	67		0.35	-
23	105	67			67	53	67	53		0.38	-
24	106	66			60	52	60	52		0.35	-
25	108	68			59	56	59	56		0.39	-
26	101	70			69	69	69	69		0.33	-
27	94	74			73	69	73	69		0.30	-
28	92	74			73	70	73	70		0.32	-
29	94	72			71	71	71	71		0.29	-
30	99	72			70	66	70	66		0.27	-
Tot:										10.39	0.00
Ave:	98	74									

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	72			70	67	81	45		0.32	-
2	100	73			72	71	90	58		0.30	-
3	98	72			71	69	86	58		0.26	-
4	95	73			71	67	82	41		0.29	-
5	104	70			64	56	72	23		0.36	-
6	105	69			61	50	67	18		0.39	-
7	106	68			60	54	67	23		0.38	-
8	108	62			60	59	70	33		0.36	-
9	103	70			67	69	77	50		0.32	-
10	102	69			68	65	85	44		0.28	-
11	102	67			65	59	85	36		0.30	-
12	96	69			68	66	85	43		0.33	-
13	105	70			69	65	81	31		0.34	-
14	106	70			69	62	86	29		0.31	-
15	105	63			62	56	75	26		0.35	-
16	106	67			65	62	80	34		0.34	-
17	104	69			68	59	85	33		0.35	-
18	105	70			67	60	77	34		0.34	-
19	104	66			65	55	80	25		0.31	-
20	105	68			67	59	85	34		0.29	-
21	100	70			69	59	86	28		0.26	-
22	104	68			67	59	85	36		0.28	-
23	98	64			57	50	69	23		0.27	-
24	99	64			61	44	79	18		0.28	-
25	101	64			61	45	75	19		0.30	-
26	100	57			56	47	65	20		0.29	-
27	99	59			50	47	55	20		0.32	-
28	100	57			48	49	53	21		0.28	-
29	100	57			50	45	62	19		0.32	-
30	102	60			52	51	63	27		0.27	-
31	100	65			61	59	67	30		0.25	-
Tot:										9.64	0.00
Ave:	102	67									

UTHAL

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	99	66			63	61	80	32		0.26	-
2	100	59			52	59	63	27		0.27	-
3	104	60			50	45	58	19		0.29	-
4	102	57			50	47	58	20		0.32	-
5	104	57			47	50	57	22		0.30	-
6	104	60			62	51	84	21		0.28	-
7	103	59			57	43	74	18		0.32	-
8	99	58			55	38	73	15		0.29	-
9	100	58			52	39	71	15		0.30	-
10	102	57			55	37	73	16		0.28	-
11	98	58			50	41	79	17		0.24	-
12	98	58			56	50	78	25		0.25	-
13	100	57			53	59	68	37		0.28	-
14	96	61			55	60	58	34		0.24	-
15	95	59			51	56	52	32		0.22	-
16	97	58			53	56	72	31		0.25	-
17	100	60			46	52	64	29		0.26	-
18	94	57			56	53	88	27		0.23	-
19	93	56			55	47	88	25		0.24	-
20	91	55			48	50	65	25		0.27	-
21	92	57			49	46	61	24		0.29	-
22	89	54			50	49	76	26		0.25	-
23	92	59			53	56	68	36		0.23	-
24	89	56			51	48	76	24		0.26	-
25	90	55			51	47	71	25		0.28	-
26	89	56			52	50	71	28		0.25	-
27	90	55			45	47	52	26		0.27	-
28	87	53			37	51	35	33		0.22	-
29	88	53			48	45	70	25		0.19	-
30	90	54			46	29	69	13		0.17	-
Tot:										7.80	0.00
Ave:	96	57									

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	91	52			45	33	68	13		0.18	-
2	92	51			43	44	67	20		0.16	-
3	95	51			41	41	61	18		0.17	-
4	94	50			40	31	60	14		0.19	-
5	91	52			41	39	61	20		0.20	-
6	90	53			45	46	68	29		0.20	-
7	90	54			51	54	81	43		0.19	-
8	84	57			53	47	76	37		0.17	0.14
9	78	47			48	35	70	23		0.21	-
10	78	48			33	35	47	17		0.20	-
11	87	43			41	30	84	15		0.17	-
12	85	44			34	33	62	16		0.19	-
13	87	46			37	33	64	16		0.20	-
14	90	49			41	42	61	22		0.17	-
15	90	53			48	39	75	23		0.14	-
16	88	53			42	54	58	46		0.17	-
17	85	57			57	59	74	74		0.15	-
18	72	60			59	60	89	67		0.13	0.46
19	78	56			50	54	76	43		0.10	-
20	85	54			48	51	70	39		0.12	-
21	82	53			53	53	87	38		0.11	-
22	84	54			50	44	81	28		0.13	-
23	84	55			53	47	82	30		0.13	-
24	86	59			57	53	83	45		0.11	-
25	82	52			43	33	63	20		0.14	-
26	82	55			54	49	77	51		0.10	-
27	70	50			19	40	28	27		0.16	0.03
28	78	46			19	38	28	27		0.15	-
29	78	41			20	35	34	23		0.14	-
30	79	42			19	24	34	15		0.16	-
31	78	40			32	25	66	12		0.18	-
Tot:										4.92	0.63
Ave:	84	51									

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WAD - 1972

Location	Latitude 27°21', Longitude 66°22',
Elevation	4,100 ± ft. msl.
Period of record	Rainfall data since January, 1961. Observatory fixed by Surface Water Hydrology Project WAPDA in February 1960.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and Minimum air temperature thermometer. Maximum and minimum pan water temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau Standard evaporation pan. Anemometer.
Annual figures	Precipitation incomplete. Evaporation incomplete. Absolute maximum air temperature 108°F Absolute minimum air temperature 23°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures and wind travel are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) (-) Indicates no precipitation.

WAD

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	68	39			41	62	92	95	68	0.15	-
2	64	29			27	61	89	89	45	0.12	-
3	65	28			28	60	89	89	24	0.12	-
4	63	30			30	60	90	89	30	0.15	-
5	76	32			46	55	86	88	37	0.20	-
6	75	30			41	40	85	92	55	0.15	-
7	60	23			22	61	87	100	53	0.14	-
8	63	25			31	59	90	89	15	0.16	-
9	63	34			39	59	91	89	73	0.15	-
10	62	33			37	60	91	89	60	0.18	-
11	63	37			39	58	91	94	70	0.16	-
12	61	31			31	59	90	94	56	0.15	-
13	62	34			44	60	85	94	25	0.10	-
14	64	37			44	59	80	94	56	0.18	-
15	72	39			46	34	75	40	65	0.17	-
16	71	31			55	60	94	84	52	0.21	-
17	74	30			52	49	87	93	21	0.16	-
18	76	36			36	37	76	84	36	0.20	-
19	74	40			33	53	57	78	37	0.18	-
20	60	45			45	59	93	79	67	0.14	-
21					33	47	75	81	65	0.16	-
22	57	31			32	59	81	79	23	0.15	-
23	67	34			42	62	92	84	17	0.14	-
24					31	61	90	84	47	0.13	-
25					47	60	93	94	42	0.10*	0.19
26	62	37			38	59	100	94	59	0.14	-
27	78	38			31	53	48	88	31	0.16	-
28	60	39			49	50	93	93	30	0.14	0.08
29	72	50			62	52	95	82	47	0.07*	0.64
30	62	51			53	51	94	93	47	0.10*	0.25
31	58	48							53	0.04*	1.53
Tot:										4.50	2.69
Ave:									45		

* Estimated evaporation.

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	56	41			39	41	91	73	55	0.08*	0.47
2					30	37	80	84	123	0.12	-
3	42	30			29	40	89	92	116	0.16	-
4	47	32			29	37	80	84	77	0.15	-
5	42	29			26	39	79	84	136	0.14*	-
6	46	28			29	59	89	89	112	0.14	-
7					26	53	89	94	46	0.17	-
8	66	29			39	48	91	81	53	0.19	-
9	66	29			30	61	90	89	12	0.17	-
10	65	33			37	58	91	94	32	0.18	-
11	63	35			33	36	90	91	159	0.17	-
12	42	27			26	37	89	91	261	0.15	-
13	40	28			31	49	90	93	81	0.20	-
14	53	31			35	52	91	82	24	0.18	-
15	58	28			26	54	79	78		0.16	-
16					30	55	90	78		0.15	-
17					30	61	90	94		0.14	-
18	64	33			39	63	91	95		0.15	-
19	65	37			38	62	91	95	16	0.14	-
20	71	40			42	60	92	94	22	0.13	-
21	69	41			42	63	92	89	58	0.14	-
22	69	44			43	50	92	93	118	0.15	-
23					33	38	90	77	228	0.16	-
24	50	27			29	40	89	92	220	0.17	-
25	44	26			27	46	89	86	197	0.20	-
26	62	24			28	58	89	94	127	0.18	-
27	70	24			32	52	81	94	74	0.20	-
28	66	31			38	53	91	94	123	0.21	-
29	55	25			26	55	89	94	116	0.19	-
Tot:										4.67	0.47
Ave:											

* Estimated evaporation.

WAD.

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	76	30			35	56	83	94	22	0.22	-
2	69	33			39	59	91	94	35	0.21	-
3	70	41			43		92		54	0.19	-
4	72	43			42	59	79	94	114	0.21	0.08
5	61	45			44	60	85	94	137	0.16	-
6	75	43			45	62	93	89	48	0.18	-
7	73	45			46	61	86	89	51	0.20	-
8	85	50			51	59	82	89	73	0.20	-
9	71	52			53	57	94	94	35	0.17*	-
10	82	46			51	48	87	81		0.20	-
11	84	55			59	53	94	94	128+	0.21	-
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Tot:											
Ave:											

+ Two days wind.

* Estimated evaporation.

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1											
2											
3											
4											
5											
6											
7	94	60			68	79	82	67		0.40	-
8	92	70			71	81	86	92	57	0.45	-
9	96	62			70	61	82	65	55	0.50	-
10	82	56			72	65	91	81	18	0.55	-
11	94	60			69	69	82	86	13	0.50	-
12	100	62			69	65	86	81	21	0.42	-
13	102	60			70	90	90	85	82	0.55	-
14	99	73			69	86	61	79	95	0.46	-
15	95	76			76	73	73	58	22	0.50	-
16	94	62			79	75	92	61	91	0.45	-
17	93	67			73	75	75	61	26	0.50	-
18	94	72			63	61	51	43	36	0.49	-
19	98	71			64	69	54	86	69	0.46	-
20	98	72			65	64	57	49	59	0.48	-
21	100	70			67	54	63	30	36	0.50	-
22	99	73			64	55	54	29	114	0.50	-
23	98	72			64	57	54	33	122	0.50	-
24	100	70			66	59	55	35	105	0.48	-
25	96	71			60	75	39	69	137	0.42	-
26	96	74			64	72	44	65	141	0.50	-
27					64	54	81	62	116	0.52	-
28					71	69	75	38	30	0.52	-
29	101	74			73	76	75	54	42	0.54	-
30	96	76			75	67	83	63	66	0.55	-
31	100	72			71	75	82	59	51	0.51	-
Tot:											
Ave:											

WAD

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	72			71	72	75	41	59	0.43	-
2	102	78			75	73	83	79	59	0.50	-
3	98	78			73	54	79	35	73	0.50	-
4	96	70			68	77	82	57	84	0.54	-
5	95	70				78		59	67	0.51	-
6	94	71			61	53	43	25	130	0.50	-
7	97	70			62	74	46	49	107	0.54	-
8	99	72			71	73	75	51	57	0.51	-
9	100	72			68	59	56	29	91	0.50	-
10	98	70			66	61	73	38	136	0.52	-
11	101	72			74	65	83	38	74	0.50	-
12					77	46	87	21	62	0.54	-
13	98	70			70	73	71	58	83	0.52	-
14	97	73			66	65	60	57		0.50	-
15	96	76			64	76	54	91	119+	0.50	-
16	97	75			73	75	86	95	79	0.51	-
17	88	72			70	57	90	46	78	0.52	-
18	101	71			63	72	48	41	70	0.44*	-
19	100	66			56	75	34	44	55	0.44	-
20	103	73			65	78	49	47	133	0.50	-
21	106	73			68	80	53	45	156	0.55	-
22	107	72			62		46		306	0.52	-
23	108	74			55		37		100	0.50	-
24	100	80			75	71	72	57	132	0.49	-
25	98	74			68	75	61	49	68	0.55	-
26	98	76			73	73	79	45	52	0.52	-
27	98	76			73	70	75	38	29	0.44	0.10
28	102	75			73	77	75	55	16	0.48	0.37
29	96	77			76	68	83	67	15	0.55	-
30	100	72			72	77	83	69	35	0.51	-
Tot:										15.13	0.47
Ave:											

\+ 2 days observation.

* Estimated evaporation.

WAD

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	97	73			73	71	79	39	34	0.43	-
2	103	78			75	63	83	30	53	0.50	-
3	98	78			73	67	79	41	81	0.50	-
4	96	70			70	78	82	57	123	0.54	-
5	96	70			65	78	52	59	77	0.51	-
6	94	71			61	53	43	25	90	0.50	-
7	97	70			62	73	46	51	82	0.54	-
8	99	72			71	76	75	64	37	0.36	0.18
9	90	72			71	59	71	29	28	0.50	-
10	98	70			66	61	73	38	37	0.30	1.50
11	102	72			74	65	83	38	29	0.50	-
12	99	70			77	47	87	22	64	0.54	-
13	100	70			71	54	75	30	72	0.52	-
14	98	74			68	65	64	57	58	0.60	-
15	96	76			64	72	54	91	70	0.71	-
16	98	75			73	75	86	95	66	0.35	-
17	88	72			69	57	86	46	64	0.42	-
18	94	72			69	39	78	20	64	0.44	-
19	98	74			67	62	66	43	70	0.45	-
20	96	70			71	72	86	62	55	0.50	-
21	98	71			69	48	74	19	70	0.51	-
22	102	70			75	47	91	18	64	0.55	-
23	98	72			67	64	70	36	119	0.46	-
24	100	72			72	70	86	42	25	0.55	-
25	98	76			73	96	75	89	69	0.50	-
26	99	80			78	60	80	30	66	0.49	-
27	98	74			71	73	75	79	73	0.40	-
28	99	73			71	62	86	43	76	0.45	-
29					68	68	82	67	66	0.50	-
30	94	60			68	79	82	67	94	0.40	-
31	92	70			71	59	86	42	69	0.45	-
Tot:										14.97	1.68
Ave:									66		

WAD

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	62			70	61	82	65	67	0.50	-
2	82	56			72	45	91	39	65	0.55	-
3	94	60			69	69	82	86	55	0.50	-
4	100	62			69	65	86	81	61	0.42	-
5	102	60			70	90	90	85	68	0.55	-
6	99	73			69	86	61	79	67	0.46	-
7	95	76			75	73	87	58	59	0.50	-
8	94	62			79	75	92	61	58	0.45	-
9	93	67			73	75	75	61	70	0.50	-
10	94	72			63	61	51	43	66	0.49	-
11	98	71			64	64	54	51	82	0.46	-
12	98	72			65	64	57	49	32	0.48	-
13	100	70			67	54	63	30	24	0.50	-
14	99	73			64	55	54	29	47	0.50	-
15	98	72			64	57	54	33	54	0.50	-
16	100	70			64	59	51	35	41	0.48	-
17	96	71			60	75	39	69	50	0.42	-
18	96	74			65	72	49	65	56	0.50	-
19	94	54			64	54	81	62	48	0.52	-
20	96	58			69	63	90	69	57	0.50	-
21	94	70			67	67	85	90	48	0.53	-
22	96	56			67	56	85	45	53	0.49	-
23	96	60			74	48	91	39	76	0.50	-
24	100	66			70	69	78	95	72	0.54	-
25	88	72			72	12	83	9	82	0.45	-
26	80	60			69	55	82	39	95	0.47	-
27	97	71			67	57	61	39	89	0.48	-
28	92	54			68	54	90	38	109	0.50	-
29	91	66			68	52	82	37	110	0.35	-
30	91	70			69	54	86	38	20	0.45	-
31	92	54			62	49	76	41	44	0.50	-
Tot:										15.04	0.00
Avg:	95	66							62		

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	94	54			71	69	86	95	46	0.46	-
2	86	56			69	71	90	95	38	0.49	-
3	84	70			67	57	85	79	40	0.48	-
4	81	70			67	61	85	72	33	0.47	-
5	80	52			23	29	17	31	20	0.47	-
6	84	57			55	45	65	65	45	0.46	-
7	81	70			66	65	81	90	26	0.44	-
8	86	54			64	58	90	79	24	0.46	-
9	81	52			23	62	17	84	32	0.45	-
10	84	55			65	60	85	75	18	0.45	-
11	86	43			53	63	68	76	18	0.43	-
12	86	44			62	34	89	31	27	0.45	-
13	92	51			56	47	66	58	26	0.44	-
14	92	52			53	10	68	7	27	0.45	-
15	88	50			61	52	89	87	33	0.33	-
16	90	53			71	68	95	82	50	0.30	-
17	81	50			44	69	64	90	40	0.31	-
18	90	42			63	56	89	70	85	0.29	-
19	88	46			65	69	95	95	59	0.30	-
20	81	43			62	62	89	84	99	0.33	-
21	90	60			61	71	89	78	64	0.34	-
22	87	61			57	69	79	86	68	0.38	-
23	84	40			63	69	89	86	68	0.33	-
24	90	42			75	84	95	85	89	0.30	-
25	90	48			67	86	95	88	14	0.36	-
26	90	61			67	55	90	35	42	0.31	-
27	88	63			65	55	95	65	45	0.28	-
28	85	52			67	56	95	66	45	0.31	-
29	86	48			57	79	89	92	45	0.29	-
30	84	47			55	79	100	87	57	0.30	-
Total	86	53							44	11.46	0.00

WAD

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	85	45			53	79	88	92	57	0.32	-
2	84	51			57	83	89	96	45	0.30	-
3	84	53			55	80	88	92	56	0.29	-
4	84	52			59	83	89	92	44	0.28	-
5	88	54			58	83	89	88	52	0.26	-
6	88	57			60	82	84	88	68	0.28	-
7	88	60			59	79	89	87	32	0.30	-
8	90	40			63	79	89	92	18	0.35	-
9	92	41			67	71	61	62	28	0.31	-
10	90	45			57	76	79	79	26	0.30	-
11	84	52			58	65	83	60	45	0.35	-
12	82	36			44	75	61	91	43	0.34	-
13	82	51			55	77	88	91	62	0.33	-
14	81	45			52	73	87	83	71	0.32	-
15	82	34			53	77	83	91	60	0.28	-
16	83	42			42	71	55	91	58	0.24	-
17	90	48			59	69	89	82	59	0.22	-
18	88	45			57	68	89	67	53	0.40	-
19	87	44			55	71	88	71	49	0.45	-
20	86	43			73	76	79	83	65	0.46	-
21	90	48			77	79		84	72	0.48	-
22	88	46			53	75	83	91	59	0.40	-
23	87	45			48	75	87	95	61	0.45	-
24	86	44			69	70	82	78	54	0.50	-
25	91	48			53	77	83	91	35	0.55	-
26	92	50			57	78	89	91	60	0.50	-
27	90	48			52	67	82	70	26	0.45	-
28	88	50			67	77	77	87		0.48	-
29					32	8	57	7		0.40	-
30	80	40			43	19	33	11	94+	0.35	-
31	80	43			27	64	49	69	31	0.40	-
Tot:										11.34	0.00
Ave:									48		

+ Three days wind movement.

WAD

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1					34	40	54	25	30	0.35	-
2	80	51			38	33	49	20	32	0.40	-
3	81	44			25	35	31	21	42	0.45	-
4	81	42			27	40	38	25	39	0.40	-
5	81	41			22	47	31	36	31	0.35	-
6	85	41			20	53	33	46	28	0.40	-
7	84	43			23	45	42	32	29	0.35	-
8	83	41			29	51	55	40	31	0.36	-
9	79	37			25	50	57	39	31	0.34	-
10	84	36			11	50	29	38	31	0.32*	-
11	85	38			21	45	44	32	30	0.30	-
12	82	41			31	60	52	89	32	0.20	-
13	80	43			16	43	27	32	25	0.35	-
14	79	48			33	21	53	13	38	0.20	-
15	82	46			32	50	57	38	30	0.27	-
16	80	46			36	46	64	35	28	0.34	-
17	78	45			33	48	53	47	46	0.28	-
18	77	45			44	52	74	43	34	0.30	-
19	78	44			16	26	27	17	39	0.20	-
20	75	44			23	23	42	16	33	0.28	-
21	74	45			35	49	55	71	43	0.24	-
22	60	40			36	48	64	87	38	0.02	0.20
23	61	39			1	18	13	19	94	0.27	-
24	62	40			27	12	44	17	100	0.28	-
25	62	38			23	12	51	15	44	0.30	-
26	63	32			20	18	48	17	63	0.30	-
27	65	32			22	31	61	33	25	0.20	-
28	66	30			22	31	61	33	27	0.18	-
29	67	34			25	37	63	39	31	0.18	-
30	68	34			24	37	56	39	23	0.20	-
Tot:										8.51	0.20
Ave:									38		

* Estimated evaporation.

WAD

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	70	37			27	39	65	40	25	0.21	-
2	70	35			21	39	54	38	25	0.19	-
3	72	35			22	39	45	40	29	0.20	-
4	71	35			23	32	51	34	27	0.20	-
5	71	38			27	27	54	28	29	0.24	-
6	70	38			28	34	42	35	37	0.18	-
7	69	42			31	34	52	37	35	0.18	-
8	63	40			35	9	76	19	70	0.12	0.02
9	55	38			19	20	43	33	118	0.26	-
10	50	30			22	28	49	43	103	0.27	-
11	57	36			18	23	38	27	95	0.20	-
12	62	30			19	29	43	29	65	0.30	-
13	72	33			14	18	43	21	20	0.20	-
14					23	3	51	7	31	0.18	-
15	73	39			12	23	27	22	35	0.25	-
16	68	40			19	57	43	74	39	0.20	-
17					49	30	93	51	43	0.13	0.23
18	55	46			48	39	100	67	59	0.14	0.04
19	56	41			32	41	57	58	38	0.08	-
20	62	36			40	32	100	42	21	0.10	-
21	60	36			38	27	100	28	54	0.19	-
22	62	37			33	23	75	25	35	0.18	-
23	62	40			37	37	77	45	50	0.15	-
24	61	40			40	43	92	74	54	0.16	-
25	58	32			29	42	80	79	54	0.17	-
26	58	32			22	7	61	19	176	0.13	0.03
27	48	26			24	7	78	9	37	0.10	-
28	49	24			29	-10	89	9	95	0.07	-
29	48	30			32	18	100	28	119	0.18	-
30	58	24			-18	7	8	9	33	0.30	-
31	58	26			28	44	73	61	51	0.18	-
Tot:										5.61	0.32
Ave:									55		

WASU - 1972

Location	Latitude 32°34', Longitude 73°29', in canal Rest House Wasu near Mandi Baha-ud-Din.
Elevation	700 ± ft. msl.
Period of record	February 1962 to date, station established by Surface Water Hydrology Project WAPDA.
Instruments	5" Non-recording rain gauge. Maximum and minimum air temperature thermometer. Wet and dry bulb thermometers. U.S. Weather Bureau standard Evaporation, pan.
Annual figures	Precipitation 16.89 inches Evaporation (Pan) 72.75 inches Absolute maximum air temperature 116°F Absolute minimum air temperature 30°F
Remarks	Annual figures calculated by estimating the days for which record was missing or not observed. Observations of precipitation, pan evaporation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation.

WASU

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	70	41			39	47	84	49		0.05	-
2	70	38			37	43	83	44		0.05	-
3	72	37			36	46	75	53		0.08	-
4	72	35			36	49	82	58		0.08	-
5	73	33			33	33	67	31		0.08	-
6	71	31			28	37	64	35		0.09	-
7	69	32			38	41	91	43		0.07	-
8	70	30			27	44	70	48		0.08	-
9	71	36			36	50	75	62		0.07	-
10	69	33			32	51	73	62		0.07	-
11	73	35			30	42	59	50		0.08	-
12	70	34			32	47	73	61		0.06	-
13	70	40			38	42	70	58		0.09	-
14	63	41			40	47	84	47		0.02	-
15	71	39			41	47	92	61		0.06	-
16	68	40			41	46	84	56		0.04	-
17	71	42			39	45	77	46		0.06	-
18	75	42			40	47	84	57		0.09	-
19	69	45			42	51	72	62		0.05	-
20	70	50			45	40	79	60		0.04	-
21	59	49			46	43	85	63		0.02	-
22	63	46			43	47	78	61		0.07	0.55
23	63	44			44	47	85	61		0.10	-
24	65	43			41	49	84	70		0.04	-
25	64	44			46	49	92	75		0.04	-
26	59	45			43	46	85	64		0.02	-
27	63	47			44	56	92	73		0.05	-
28	70	44			45	64	73	89		0.04	-
29	69	45			47	60	74	84		0.07	-
30	70	49			47	51	80	87		0.07	-
31	57	50			53	54	93	93		0.04*	0.53
Tot:										1.87	1.08
Ave:	68	41									

* Estimated evaporation.

WASU

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	57	53			52	52	87	93		0.03*	0.17
2	58	45			47	44	93	51		0.01*	0.01
3	65	37			33	46	67	56		0.09	-
4	64	38			34	45	68	63		0.10	-
5	62	41			38	41	83	53		0.03	-
6	61	43			43	41	85	53		0.08	-
7	62	39			34	44	68	55		0.03	0.01
8	66	34			29	35	64	34		0.09	-
9	71	40			27	25	47	22		0.10	-
10	71	42			41	59	71	79		0.09	-
11	69	50			45	46	68	64		0.10	-
12	60	45			49	49	80	70		0.06	0.50
13	61	40			35	41	68	57		0.06	-
14	61	38			38	40	76	60		0.07	-
15	59	39			36	28	63	32		0.09	-
16	62	35			37	37	83	43		0.08	-
17	64	35			37	45	83	55		0.09	-
18	65	35			29	40	45	37		0.10	-
19	70	41			35	39	57	34		0.10	-
20	72	40			40	47	56	47		0.13	-
21	73	47			42	44	72	42		0.11	-
22	74	51			48	54	70	48		0.10	-
23	79	50			53	50	76	48		0.11	-
24	74	49			37	40	59	40		0.11	-
25	71	39			34	40	52	45		0.15	-
26	67	42			21	35	29	36		0.16	-
27	68	38			26	43	42	47		0.16	-
28	71	39			34	44	52	48		0.16	-
29	72	40			36	51	58	59		0.17	-
Tot:										2.76	0.69
Ave:	66	42									

* Estimated evaporation.

WASU

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	75	38			37	43	59	41		0.17	-
2	76	41			40	64	56	68		0.16	-
3	79	52			46	44	64	33		0.17	-
4	82	58			44	48	45	53		0.23	-
5	74	53			52	49	87	61		0.15	0.67
6	64	50			52	45	87	46		0.10	-
7	73	51			53	53	76	68		0.08	-
8	69	55			55	48	82	50		0.06	0.19
9	71	47			48	49	75	43		0.14	-
10	76	49			48	55	86	64		0.16	-
11	73	50			49	51	70	52		0.07	-
12	79	58			53	57	72	65		0.13	-
13	78	50			47	52	65	56		0.16	0.10
14	78	49			53	55	82	43		0.18	-
15	82	58			53	58	76	70		0.17	-
16	71	58			50	47	62	35		0.07	-
17	81	52			53	47	72	31		0.22	-
18	84	52			49	52	58	50		0.19	-
19	83	61			50	62	58	64		0.14	-
20	79	57			56	57	73	42		0.15	0.09
21	84	58			54	56	68	40		0.10	-
22	85	56			50	52	55	36		0.17	-
23	89	55			53	56	56	40		0.19	-
24	90	58			52	59	53	44		0.21	-
25	89	59			59	70	70	55		0.18	-
26	90	64			58	73	59	62		0.21	-
27	89	62			59	59	66	36		0.18	0.01
28	92	65			59	70	66	53		0.22	-
29	94	71			50	78	46	87		0.26	-
30	88	65			53	57	64	37		0.19	-
31	90	58			54	37	68	18		0.22	-
Tot:										5.03	1.06
Ave:	81	55									

WASU

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	89	55			51	31	59	14		0.23	-
2	88	55			52	46	63	24		0.21	-
3	88	60			55	72	69	65		0.21	-
4	88	66			55	51	61	47		0.16	-
5	78	56			58	61	78	54		0.07	0.04
6	85	59			55	50	61	31		0.21	-
7	88	61			51	49	47	29		0.25	-
8	89	63			54	57	60	55		0.25	-
9	85	59			51	62	59	64		0.21	-
10	87	59			55	54	69	48		0.20	-
11	82	57			60	52	70	29		0.22	-
12					54	45	60	22		0.27	-
13	92	60			56	59	61	34		0.25	-
14	96	62			59	71	59	54		0.24	-
15	96	70			55	58	49	43		0.26	-
16	88	67			57	54	58	46		0.27	-
17	82	63			61	58	75	59		0.15	-
18	84	61			58	57	78	47		0.17	0.06
19	81	59			55	55	82	43		0.03*	0.46
20	80	59			52	53	67	47		0.14	0.10
21	77	57			54	64	57	48		0.16	0.06
22	90	59			58	47	66	26		0.22	-
23	92	60			54	53	57	33		0.25	-
24	93	62			60	59	70	36		0.26	-
25	94	63			56	61	61	33		0.29	-
26	97	66			52	67	53	52		0.32	-
27	96	71			59	68	62	50		0.06	-
28	96	67			60	75	63	72		0.30	-
29	92	66			57	70	98	61		0.30	-
30	92	61			54	73	48	59		0.31	-
Tot:										6.47	0.72
Ave:											

* Estimated evaporation.

WASU

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	67			52	69	50	64		0.34	-
2	88	64			57	71	62	64		0.19	-
3	88	63			53	63	47	41		0.20	-
4	94	67			58	64	66	53		0.25	-
5	92	68			54	74	46	60		0.20	-
6	96	73			53	72	45	65		0.36	-
7	89	68			56	73	46	59		0.38	-
8	94	70			55	71	41	45		0.27	-
9	100	77			65	67	53	38		0.28	-
10	100	76			56	57	40	25		0.30	-
11	103	78			58	58	39	24		0.27	-
12	105	72			71	56	58	22		0.31	-
13	107	81			52	63	32	30		0.37	-
14	104	71			61	57	54	27		0.38	-
15	99	73			58	52	39	19		0.37	-
16	104	73			46	48	23	17		0.40	-
17	104	80			55	50	34	18		0.38	-
18	103	75			51	45	27	14		0.39	-
19	105	76			58	55	35	20		0.42	-
20	107	77			52	47	29	15		0.41	-
21	108	71			55	51	34	16		0.45	-
22	110	82			63	50	43	18		0.44	-
23	104	83			69	64	58	35		0.41	-
24	100	75			62	66	50	34		0.36	-
25	103	73			60	56	48	23		0.38	-
26	104	81			33	37	16	12		0.43	-
27	103	65			53	40	40	14		0.46	-
28	102	63			44	32	24	10		0.45	-
29	102	70			47	48	26	17		0.45	-
30	105	69			58	54	39	20		0.41	-
31	107	73			53	64	33	26		0.47	-
Tot:										11.18	0.00
Ave:	101	73									

WASU

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	108	77			61	59	44	22		0.46	-
2	109	78			59	71	37	34		0.44	-
3	108	83			61	72	40	40		0.39	-
4	105	69			59	63	51	38		0.47	-
5	96	71			63	66	53	37		0.35	-
6	100	72			62	45	52	17		0.37	-
7	100	73			60	48	46	17		0.39	-
8	103	75			65	49	59	17		0.47	-
9	104	75			61	45	42	15		0.46	-
10	104	76			65	51	53	18		0.36	-
11	106	78			69	69	55	37		0.42	-
12	104	80			61	74	42	37		0.42*	-
13	107	77			62	53	41	17		0.41	-
14	111	87			53	60	34	21		0.45	-
15	112	77			49	61	21	20		0.43	-
16	113	83			64	47	40	12		0.44	-
17	114	83			66	47	43	11		0.48	-
18	116	81			64	53	36	15		0.48	-
19	114	85			56	62	31	45		0.49	-
20	108	72			64	59	59	25		0.41	0.04
21	105	80			70	71	61	36		0.37	-
22	107	84			68	66	52	34		0.45	-
23	103	81			70	71	55	35		0.45	-
24	107	82			71	65	56	32		0.43	-
25	103	84			72	71	59	41		0.46	-
26	101	74			70	62	90	45		0.60	0.92
27	90	72			72	74	68	57		0.12	0.01
28	96	79			73	64	65	36		0.28	-
29	97	79			73	67	65	34		0.30	-
30	101	82			77	56	69	23		0.35	-
Tot:										12.03	0.97
Ave:	105	78									

* Estimated evaporation.

WASU

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	102	81			72	76	62	45		0.33	-
2	104	84			75	67	60	34		0.30	-
3	105	84			75	72	65	38		0.34	-
4	104	73			73	69	75	48		0.46	0.04
5	93	74			70	73	74	54		0.17	0.13
6	93	70			69	61	70	40		0.19	0.46
7	90	76			72	68	68	42		0.21	-
8	97	84			71	73	64	68		0.33	-
9	97	74			71	68	90	81		0.27	0.79
10	80	73			75	75	91	75		0.07	0.99
11	88	77			77	77	87	76		0.09	0.04
12	89	73			67	75	81	65		0.21	-
13	90	73			76	76	79	60		0 25	-
14	95	80			74	75	87	50		0.30	-
15	98	79			78	77	73	54		0.46	-
16	100	84			81	77	77	82		0.27	-
17	102	82			77	74	76	44		0.40	-
18	102	81			73	76	75	51		0.41	-
19	100	78			72	78	74	59		0.32	-
20	97	78			73	69	71	40		0.32	-
21	98	81			76	69	83	39		0.30	-
22	101	82			76	68	72	36		0.39	-
23	103	81			75	72	69	43		0.42	-
24	102	81			76	70	66	41		0.36	-
25	102	84			78	74	69	52		0.33	-
26	101	80			73	76	71	53		0.35	-
27	101	81			76	61	72	26		0.21	-
28	105	83			76	65	58	31		0.38	-
29	104	81			72	52	68	21		0.40	-
30	101	73			68	60	85	29		0.37	0.19
31	100	72			69	62	81	31		0.23	-
Tot:										[illegible]	2.64
Ave:	98	79									

WASU

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	100	73			73	74	78	48		0.22	-
2	100	81			73	67	75	34		0.25	-
3	103	82			78	68	79	35		0.32	-
4	103	85			77	74	69	46		0.33	-
5	102	84			76	77	72	58		0.35	-
6	99	82			74	75	78	60		0.29	-
7	96	79			72	78	78	64		0.28	-
8	97	77			75	72	72	45		0.34	-
9	106	72			73	74	86	60		0.45	1.25
10	92	77			77	76	78	58		0.21	-
11	95	80			67	77	69	61		0.24	-
12	95	77			75	77	75	63		0.29	-
13	93	78			72	68	82	55		0.27	-
14	88	71			70	72	90	62		0.22	1.30
15	88	73			74	75	83	57		0.13	0.01
16	95	78			75	75	83	53		0.15	-
17	96	71			72	68	86	63		0.46	1.20
18	84	71			75	75	83	60		0.07	0.05
19	93	77			75	74	79	57		0.20	-
20	92	77			74	73	87	59		0.19	-
21	91	76			74	76	86	63		0.20	-
22	92	77			75	80	78	62		0.19	-
23	97	80			75	82	72	65		0.24	-
24	98	74			69	75	83	60		0.07*	2.15
25	92	73			69	73	81	59		0.26	0.07
26	90	74			74	78	83	64		0.25	-
27	94	78			77	79	83	61		0.27	-
28	96	77			74	72	78	59		0.23	-
29	90	76			74	77	83	63		0.22	-
30	93	74			71	80	78	65		0.21	-
31	95	71			68	77	81	58		0.23	-
Tot:										7.63	6.03
Ave:	95	77									

* Estimated evaporation.

WASU

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	96	70			69	74	81	52		0.24	-
2	96	73			77	76	87	51		0.23	-
3	99	77			75	74	69	46		0.28	-
4	101	76			75	69	83	42		0.30	-
5	98	76			73	75	75	55		0.23	-
6	97	77			73	81	75	59		0.24	-
7	99	77			74	77	78	56		0.27	-
8	98	78			69	69	64	46		0.26	-
9	98	77			68	72	70	59		0.31	-
10	92	75			73	70	78	55		0.26	-
11	94	76			68	78	63	83		0.26	-
12	88	72			71	73	70	52		0.28	-
13	96	78			74	79	83	61		0.23	-
14	97	68			65	71	62	54		0.27	0.36
15	93	75			72	76	74	63		0.24	-
16	93	68			66	79	90	83		0.25	0.75
17	87	68			72	72	90	68		0.12	0.04
18	86	67			65	64	76	61		0.12	0.19
19	90	66			63	71	75	67		0.24	0.38
20	87	69			66	65	77	51		0.15	-
21	88	65			45	60	49	48		0.23	-
22	88	59			53	56	76	40		0.19	-
23	91	59			55	59	58	37		0.19	-
24	94	59			58	69	70	50		0.19	-
25	95	63			59	60	83	34		0.20	-
26	96	62			60	59	67	40		0.19	-
27	93	64			61	67	67	47		0.17	-
28	96	63			61	67	79	45		0.15	-
29	95	67			59	68	57	50		0.17	-
30	94	65			60	65	67	44		0.19	-
Tot:										6.65	1.72
Ave:	94	70									

WASU

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	95	64			59	67	74	47		0.19	-
2	95	64			61	70	71	51		0.18	-
3	95	67			60	75	67	65		0.21	-
4	91	67			63	75	64	63		0.25	-
5	92	66			57	65	58	42		0.25	-
6	92	64			61	60	79	42		0.22	-
7	92	64			61	67	75	63		0.19	0.05
8	87	64			61	67	75	57		0.15	-
9	89	64			63	61	80	42		0.16	-
10	92	64			60	61	79	40		0.19	-
11	93	63			58	59	70	34		0.19	-
12	97	64			59	66	57	47		0.21	-
13	95	63			58	64	70	44		0.17	-
14	95	64			59	61	70	39		0.17	-
15	94	63			59	68	74	58		0.17	-
16	93	62			61	70	84	61		0.13	-
17	92	62			54	74	68	71		0.16	-
18	91	65			51	57	52	53		0.20	-
19	80	56			53		64			0.22	-
20	85	59			59	66	74	62		0.15	-
21	89	63			55	53	64	53		0.16	0.03
22	79	58			53	57	72	58		0.12*	0.12
23	80	53			52	60	71	60		0.12	-
24	84	51			49	63	70	58		0.11	-
25	86	53			49	59	75	57		0.12	-
26	85	53			51	61	66	60		0.11	-
27	85	53			49	62	70	64		0.12	-
28	85	53			49	59	66	53		0.10	-
29	84	51			53	57	87	53		0.10	-
30	83	53			48	61	70	57		0.09	-
31	84	52			49	61	66	60		0.09	-
Tot:										5.00	0.20
Ave:	89	60									

*: Estimated evaporation.

WASU

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation Inches	Rain Inches
1	83	55			50	61	76	57		0.10	-
2	84	53			52	57	87	53		0.09	-
3	83	53			49	64	75	61		0.11	-
4	85	49			48	63	75	61		0.11	-
5	85	52			48	60	70	54		0.10	-
6	86	50			51	64	87	65		0.09	-
7	85	52			50	63	81	61		0.08	-
8	86	51			50	65	81	65		0.08	-
9	85	51			52	65	87	69		0.09	-
10	84	55			53	64	64	65		0.08	-
11	84	56			54	67	77	69		0.09	-
12	83	54			53	68	72	73		0.08	-
13	83	54			46	66	56	69		0.08	-
14	83	53			50	59	76	57		0.07	-
15	84	51			45	62	63	64		0.08	-
16	84	50			48	67	75	73		0.07	-
17	84	51			50	65	87	69		0.08	-
18	82	48			46	57	85	53		0.07	-
19	83	47			43	62	67	64		0.08	-
20	81	49			46	63	74	68		0.07	-
21	80	49			49	61	86	79		0.06	-
22	75	52			53	57	82	78		0.04	-
23	74	54			52	51	87	62		0.06	-
24	68	54			49	53	80	72		0.07	0.09
25	66	50			49	50	80	58		0.04	0.11
26	69	51			50	60	87	70		0.07	0.06
27	75	47			47	54	86	68		0.06	-
28	71	49			49	59	86	74		0.06	-
29	72	48			43	61	78	71		0.06	-
30	77	43			44	63	85	72		0.07	-
Tot:										2.29	0.26
Ave:	80	51									

WASU

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	45			42	65	78	72		0.07	-
2	80	43			29	65	41	76		0.06	-
3	77	44			41	66	66	77		0.07	-
4	78	42			43	55	78	69		0.06	-
5	74	48			48	56	86	73		0.05	-
6	72	44			41	57	84	69		0.06	-
7	73	44			44	52	85	67		0.05	-
8	71	47			46	56	79	82		0.04	-
9	64	52			49	47	86	74		0.01	0.24
10	58	52			52	40	93	56		0.05	0.97
11	61	43			43	54	92	73		0.03	-
12	68	44			36	56	58	73		0.04	-
13	70	42			38	57	70	78		0.05	-
14	73	44			35	53	62	64		0.04	-
15	72	41			43	48	85	65		0.05	-
16	64	48			45	50	79	76		0.03	-
17	60	52			45	48	68	65		0.04	-
18	65	47			46	47	85	61		0.03	-
19	68	47			53	53	93	64		0.05	-
20	73	48			47	56	86	65		0.05	-
21	73	44			38	58	70	70		0.06	-
22	72	42			39	51	84	66		0.06	-
23	66	43			40	50	84	62		0.05	-
24	67	47			46	51	85	71		0.03	0.08
25	63	49			42	42	67	62		0.05	0.11
26	60	48			43	56	78	88		0.04	0.12
27	66	49			50	48	93	65		0.02	-
28	65	46			42	47	78	61		0.04	-
29	66	39			31	54	60	77		0.06	-
30	66	37			28	53	52	72		0.05	-
31	67	40			36	46	82	53		0.05	-
Tot:										1.40	1.52
Ave:	69	45									

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ZIARAT - 1972

Location	Latitude 30°23', Longitude 67°42', near Muslim Commercial Bank Ziarat.
Elevation	8000 ± ft. msl.
Period of record	Pakistan Mateorological Service Station; Surface Water Hydrology Project installed recording and non-recording rain gauges in September 1964.
Instruments	5" Non-recording rain gauge. U.S. Universal weighing type recording rain gauge. Maximum and minimum air temperature. thermometer. Wet and dry bulb thermometers.
Annual figures	Precipitation 14.17 inches Evaporation incomplete Absolute maximum air temperature 86°F Absolute minimum air temperature 8°F
Remarks	Observations of precipitation, maximum and minimum temperatures are taken at 0800 hours and stand for 24 hour period preceding 0800 of the day. Relative humidities and dew point temperatures are computed from wet and dry temperatures observed twice a day at 0800 and 1700 hours on the date shown. Blank space indicates no record. (-) Indicates no precipitation. All instruments except rain gauges belong to P.M.S.

ZIARAT

January 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	50	20			14	13	47	25			-
2	48	18			15	27	55	49			-
3	46	17			17		56				-
4	44	12			23	11	69	29			-
5	42	14			22	21	87	54			-
6	38	6			14	11	84	31			-
7	38	10			35	4	100	16			-
8	46	18			24	21	78	54			-
9	40	18			12	-12	41	11			-
10	41	15			23	2	69	19			-
11	43	14			4	-25	30	6			-
12	42	16			14	-25	48	6			-
13	43	15			15	-17	49	8			-
14	44	14			10		39				0.02
15	43	15			8		38				-
16	43	17			14	4	43	16			-
17	41	14			23	1	69	18			0.06
18	42	13			14	-25	48	6			-
19	43	14			4	4	30	15			-
20	43	15			14	9	48	27			0.66
21	44	14			10	11	39	29			0.13
22	46	18			18	1	58	18			0.43
23	45	18			15	-12	49	11			0.15
24	44	17			17	15	57	44			-
25	42	16				1	37	20			-
26	41	17				7	29	29			-
27	40	18				4	27	16			-
28	42	17			2	18	23	52			0.05
29	45	16			1	1	25	20			0.06
30	40	16			1		29				0.37
31	38	15			14	13	71	46			0.31
Tot:											2.24
Ave:	43	15									

February 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	34	16			12	18	69	65			-
2	31	15			14	3	84	31			-
3	27	12			17	1	100	29			-
4					10	20	82	100			-
5	20	6			11	11	82	82			-
6	24	12			12	12	83	83			-
7	32	14			17	10	56	82			-
8	32	7			20		100	48			-
9	30	8			14	4	71	62			-
10	28	6			20	3	100	44			-
11	26	4			18	0	86	48			-
12	21	3			1	9	38	62			-
13	20	2			6	0	33	48			0.06
14	20				2	10	61	82			0.08
15	19	2			-13	13	25	100			-
16	20	2			5	8	41	66			-
17	18	1			2	13	61	100			-
18	19	3			6	8	79	80			-
19	21	4			1	2	46	61			-
20	24	6			8	6	66	33			-
21	26	10			-29	8	8	66			0.09
22	24	8			2	13	49	100			0.10
23	22	6			10	8	82	66			-
24	21	4			6	11	33	82			-
25	20	4			5	9	53	67			-
26	23	6			7	10	55	68			0.11
27	27	9			19	18	86	86			-
28	32	18			12	24	52	88			-
29	39	20			24	18	78	52			-
Tot:											0.44
Ave:											

ZIARAT

March 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	42	21			16	20	40	48			-
2	44	20			13	12	33	27			-
3	48	21			5	28	11	59			0.25
4	44	22			25	27	52	80			-
5	34	19			20	25	67	43			-
6	48	26			25	32	63	57			-
7	50	22			28	33	59	90			-
8	44	30			25	25	63	63			0.18
9	50	32			32	28	81	59			-
10	48	30			36	41	83	92			1.03
11	46	28			27	27	89	58			0.47
12	41	25			30	30	100	80			1.23
13	49	18			18	29	52	60			-
14	51	22			26	29	79	55			-
15	52	25			18	13	52	31			-
16	56	29			17	16	45	27			-
17	58	32			5	1	21	13			-
18	57	31			2	16	22	27			0.17
19	57	30			7	17	29	30			1.17
20	55	31			2	19	22	31			0.02
21	56	32				24	39	39			-
22	54	30			9	13	30	23			-
23	49	30			-12	13	12	31			-
24	44	34			32	35	57	41			-
25	66	42			42	34	52	37			-
26	64	33			25	37	31	42			-
27	63	44			37	32	52	34			-
28	62	32			19		43				-
29	59	27									-
30	56	22				11		18			-
31	56	22			25	6	71	13			-
Tot:											4.52
Ave:	52	28									

ZIARAT

April 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	56	26				9		12			-
2	61	28			-16	27	7	33			-
3	62	34			25	24	34	36			-
4	61	34			23	29	33	43			0.65
5	60	32			17	27	23	38			-
6	62	33			13	34	19	46			-
7	64	34			28	25	42	29			-
8	66	36			18	34	28	43			-
9	63	32			13	-12	31	5			-
10	62	30			15	5	35	7			-
11	61	31			17	19	37	23			-
12	63	33			36	31	76	37			-
13	64	38			31	6	52	13			-
14	61	39			36	21	64	26			-
15	62	40			35	27	47	35			-
16	64	42			43	23	92	27			0.18
17	65	32			27	21	49	24			-
18	64	32			14	18	29	17			-
19	63	35			24	4	47	9			-
20	63	38			19	23	31	23			-
21	62	32			24	31	36	31			-
22	63	42			35	42	59	68			-
23	52	36			36	42	64	59			-
24	60	40			34	37	43	48			-
25	58	37			42	31	73	31			-
26	66	40			44	35	80	38			0.10
27	66	41			44	43	85	79			0.18
28	56	38			37	44	71	85			0.28
29	56	38			31	37	44	45			-
30	64	32			19	35	27	38			-
Tot:											1.39
Ave:	52	35									

ZIARAT

May 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	68	38			23	37	27	37			-
2	68	42			34	41	43	45			-
3	65	42			35	49	44	59			-
4	65	42			44	50	64	67			0.08
5	62	42			42	27	63	28			0.63
6	61	44			39	35	53	44			-
7	60	44			38	35	53	41			-
8	62	42			43	43	60	52			-
9	66	43			49	43	76	46			-
10	69	44			37	46	42	45			-
11	76	54			41	49	48	50			-
12	71	46			48	50	52	53			-
13	72	44			34	43	43	43			-
14	68	42			21	48	24	52			-
15	70	54			34	51	35	60			-
16	68	42			23	52	23	57			-
17	72	40			18	55	17	62			-
18	72	42			25	27	23	20			-
19	74	52			44	18	49	13			-
20	74	52			25	24	23	15			-
21	78	54			43	24	41	15			-
22	80	52			44	25	49	19			-
23	71	36			21	29	26	26			-
24	71	44			7	15	15	16			-
25	64	43			-17	18	5	17			-
26	66	36			10	15	17	13			-
27	68	45			5	15	47	12			-
28	70	34			11	18	11	13			-
29	72	42			25	12	13	9			-
30	72	42			39	45	22	33			-
31	76	48				55	36	52			-
Tot:											0.71
Ave:	69	44									

ZIARAT .

June 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	75	43			40	57	41	56			-
2	76	46			40		39				0.15
3	76	44			29	55	24	52			-
4	76	43			23	28	19	19			-
5	74	44			27	30	25	21			-
6	72	43			27	21	25	15			-
7	74	44			7	11	10	10			-
8	71	44			25	28	22	19			-
9	74	45			23	34	18	24			-
10	75	45			29	32	23	21			-
11	75	47			23	34	19	24			-
12	76	48			27	36	23	25			-
13	79	50			23	38	17	25			-
14	80	50			25	33	18	20			-
15	80	50			30	39	20	23			-
16	82	50			18	33	13	16			-
17	86	49			31	5	19	3			-
18	86	46			39	10	28	7			-
19	82	48			41	20	35	11			-
20	82	54			43	1	41	4			-
21	83	50			42	7	38	3			-
22	82	48			28	9	18	3			-
23	82	50			38	20	29	11			-
24	83	47			47	23	43	12			-
25	85	47			47	26	43	13			-
26	84	64			60	35	67	21			-
27	79	64				55		56			-
28	80	64				99		75			0.16
29	78	50			48	60	49	71			0.68
30	78	48			52	55	61	52			-
Tot:											0.99
Ave:	79	49									

ZIARAT

July 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	78	60			58	56	71	66			-
2	75	48			52	57	56	53			0.18
3	76	64			58	58	71	54			-
4	76	63			59	61	71	48			0.24
5					54	50	62	34			-
6	83	56			51	51	51	36			-
7	82	48			48	47	52	29			-
8	82	46			52	57	61	53			-
9	78	62			56	58	66	57			-
10	78	54			46	31	45	19			-
11	82	50			42	17	40	9			-
12	82	52			44	4	39	6			-
13	82	52			31	1	33	4			-
14	80	46			3		7	4			-
15	82	52			15	7	11	3			-
16	82	51			20	9	17	3			-
17	81	50			18	13	14	8			-
18	81	51			43	1	46	4			-
19	81	46			17	-10	15	3			-
20	80	47			39	-10	38	3			-
21	78	48			31	23	25	17			-
22	70	50			40	9	39	3			-
23	80	52			44	10	44	7			-
24	82	50			28	5	19	5			-
25	82	50			48		49	4			
26	82	50			64	13	81	8			-
27	79	47			17	17	15	10			-
28	80	48			46	14	51	8			-
29	82	52			40	13	39	8			-
30	80	49			27	9	23	7			-
31	82	52			48	63	59	72			-
Tot:											0.42
Ave:											

ZIARAT

August 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	74	52			42	52	40	45			-
2	74	52			40	63	39	59			-
3	80	50			31	60	24	52			-
4	80	51			37	61	35	53			-
5	81	50			36		32				-
6	80	52			37	65	35	60			-
7	84	52			45	67	53	63			-
8	82	51			43	61	52	55			0.03
9	79	49			34	60	35	58			-
10	77	44			20	44	19	31			-
11	78	44			23	43	21	32			-
12	76	43			18	47	17	38			-
13	81	42			7	50	10	38			-
14	82	47			31	47	27	33			-
15	81	49			40	50	41	38			-
16	80	50			39	61	38	53			-
17	81	51			42	65	40	60			-
18	80	50			45	67	47	63			
19	80	50			51	50	60	53			-
20	76	48			49	54	71	55			0.32
21	74	52			47	49	58	41			-
22	78	46			38	16	43	10			-
23	78	44			42	11	55	3			-
24	78	42			25	30	27	21			-
25	74	46			41	33	51	26			-
26	70	40			13	3	18	9			-
27	66	33			13	20	19	19			-
28	68	34			2		9				-
29	71	32			7		15				-
30	74	36			13		19				-
31	74	38			13		18				-
Tot:											0.35
Ave:	77	46									

ZIARAT

September 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	73	36			38		61				-
2	75	40			27	3	33	6			-
3	78	40			12	24	13	15			-
4	80	42			18	19	17	11			-
5	80	42			12	27	13	16			-
6	80	42			18	29	17	17			-
7	80	44			23	50	21	38			-
8	78	42			29	47	34	34			-
9	80	42			23	34	30	24			-
10	81	42			34	50	40	38			-
11	84	44			38	50	43	45			-
12	74	44			44	49	61	37			-
13	80	43			31	35	33	21			-
14	80	46			29	17	27	10			-
15	81	45			31	25	33	14			-
16	82	42			17	31	15	18			-
17	82	41			18	20	17	15			-
18	74	42			23	15	25	16			-
19	68	34			13	6	25	13			-
20	58	26				5		11			-
21	59	29			13	31	23	33			-
22	64	33			18	18	28	17			-
23	68	32			14	7	22	5			-
24	70	33			13	33	19	30			-
25	72	34			12	15	17	11			-
26	72	35			19	25	23	20			-
27	71	36			9	17	12	15			-
28	70	36			25	20	31	17			-
29	70	34			12	17	15	15			-
30	71	32			2	15	11	14			-
Tot:											0.00
Ave:	75	38									

ZIARAT

October 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	69	32			-17	4	5	9			-
2	64	33			21	9	29	4			-
3	68	38			32	11	45	13			-
4	70	33			20		30				-
5	64	36			27	1	35	10			0.24
6	60	32			33	9	63	13			0.04
7	62	32			31	37	52	39			-
8	62	31			15	5	24	11			-
9	62	33			22	29	35	27			-
10	66	33			28	11	42	13			-
11	66	36			24	4	36	9			-
12	66	37			38	1	46	8			-
13	63	34			26	6	37	7			-
14	64	36			11	18	18	17			-
15	68	31			17	34	23	33			-
16	68	32			13	41	18	48			-
17	64	30			35	29	51	34			-
18	62	42			15	31	18	37			-
19	60	30			13	25	18	31			-
20	60	30			14		22				-
21	58	21			17		51				-
22	55	21			1	35	13	47			-
23	56	21			7	37	23	48			-
24	58	24			14	23	39	27			-
25	57	23			21	34	54	46			-
26	54	25			20	35	53	47			-
27	56	22			23	31	55	41			-
28	55	23			16	31	40	41			-
29	57	23			13	27	33	38			-
30	60	27			17	31	34	44			-
31	60	24			3	32	19	45			-
Tot:											0.28
Ave:	62	30									

ZIARAT

November 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	60	29				19		27			-
2	61	29			36	28	76	42			-
3	58	24			-10	29	9	43			-
4	64	25			-10	31	9	44			-
5	66	26				23		25			-
6	70	30			-10	35	9	41			-
7	71	27			1	12	18	17			-
8	69	26			3	15	19	15			-
9	71	29			19	9	59	13			-
10	69	28			26	18	79	21			-
11	67	28			7	13	25	18			-
12	59	30			29	37	80	48			-
13	57	29			27	35	65	47			-
14	57	28			27	32	38	42			-
15	59	28			27	31	65	37			-
16	58	30			26	35	64	44			-
17	59	30			29	34	80	40			-
18	60	30			23	31	62	37			-
19	58	30			23	25	62	31			-
20	56	29			24	10	70	17			-
21	55	26			25	19	78	31			0.03
22	52	23			23	5	78	17			0.20
23	48	20				7		23			-
24	43	21			26	37	100	14			-
25	37	20			9	-18	42	8			-
26	42	20			5	5	21	21			-
27	42	20				3		19			-
28	52	20			15	12	44	27			-
29	51	21			17		48	17			-
30	52	22			19	7	59	11			-
Tot:											0.23
Ave:	57	26									

December 1972

Date	TEMPERATURES °F Air Max	Air Min	Pan Water Max	Pan Water Min	Dew Point 8 A.M	Dew Point 5 P.M	Relative Humidity Percent 8 A.M	Relative Humidity Percent 5 P.M	Wind Movement Miles	Evaporation inches	Rain inches
1	50	20			12	13	41	31			-
2	48	20			12	7	47	23			-
3	49	20			10	4	39	15			-
4	48	19			13	7	46	13			-
5	47	18			14		54	3			-
6	46	17			12	7	52	13			-
7	49	19			13		46				-
8	39	18			16		85				0.15
9	35	17			12	12	69	47			0.05
10	30	13			14	22	71	68			-
11	32	14			-13	18	13	65			-
12	29	15			3	21	31	76			-
13	30	16			1	17	29	64			-
14	30	16			3	13	31	46			-
15	32	18			2	9	23	42			-
16	31	18			9	-27	42	5			-
17	33	20			15	9	55	15			1.15
18	34	21			7	5	35	33			0.03
19	36	22			20	14	67	54			-
20	34	21			17	20	56	76			-
21	32	22			14	18	54	65			0.47
22	31	23			5	19	33	75			-
23	30	22			3	5	31	21			-
24	29	21			17	14	64	61			0.08
25	27	19			20	14	100	61			-
26	26	18			16	6	85	39			0.67
27	25	17			5	11	53	59			-
28	24	14			6	10	65	58			-
29	23	13			5	8	64	56			-
30	21	12			2	16	61	85			-
31	26	16			5	15	64	63			-
Tot:											2.60
Ave:	34	18									

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WIND RECORDING STATION RECORDS

Jan 1972

Date	Wind Movement in Miles/Hours. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1												
2												
3	6	4	2	2	5	5						63
4	7	4	2	4		7						67
5	9		3		3	2	7					127
6	11	1		1		4	7					112
7	3	2	4	1	7	7						91
8	7	3	1	2	1	2	1	4	3			183
9	4	1	2	2	4	10	1					115
10	6	5			2	4	6	1				137
11	4	4	1	2	3	10						101
12	9	2	1	2	1	4	5					111
13	8	2	3		2	9						75
14			2	1	3	11	2	5				220
15	3				3	8	5	5				219
16	10	4	2	1	4	3						45
17		2		1	2	18	1					171
18						11	4	2	7			339
19			1	1	2	5	8	7				277
20						5	16	3				300
21		7	3		2	4	8					148
22		5	2		5	4	3	5				187
23					2	15	7					220
24	3	5	2	1	1	4	7	1				149
25		1		4	2	13	4					164
26	1	7		1	1	4	4	6				195
27												
28												
29												
30	2	3		1	2	4	7	5				229
31	3	3		1	1	8	8					167

Feb 1972

Date	Wind Movement in Miles/Hours. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1	2	2	1			6	6	7				242
2		6	3	3	3	2	4	3				155
3	1	4	5	7	5	2						67
4												
5	4	6			2	3	9					157
6	1	2	5	4	5	6	1					101
7	6		1		3	5	6	3				182
8	8	1	1	3	7	4						77
9	7	1	1	1	3	5	6					134
10	3	1				6	13	1				234
11												
12					1	3	10	10				336
13		1	2	1	4	11	5					176
14		3		4	6	5	6					152
15		2	1	2	3	7	6	3				198
16						4	10	3	7			377
17												
18	3	2	2	3	1	5	8					167
19	5	4		4	1	3	7					137
20	5	7	2		6	3	1					61
21	6	4	3	3	5	3						55
22	3	2		1	1	7	8	2				193
23												
24												
25	1		1		5	13	4					172
26	2		2		3	13	2					147
27												
28	2		1	1	9	6	5					153
29	3		2		4	11	4					159

Mar 1972

Date	Wind Movement in Miles/Hours. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1	5	2	3	1	1	4	2	6				169
2	10	3	2	1	4	4						53
3	5	5	5	2	5	2						47
4		2				6	10	6				273
5			2		2	12	6	2				223
6	4	4	2	1	8	4	1					79
7	1		1	1	5	12	2	2				178
8	2	2	1		1	7	3	3	3	2		283
9	2	8		2	5	3	3	1				106
10					1	10	13					245
11	8	2				8	6					137
12					2	6	8	8				294
13												
14						6	14	4				287
15	4	3	3	1	3	5	4	1				128
16						9	6	8	1			316
17	2	1		1	1	9	5	4	1			233
18		5	4		3	5	4	3				161
19	1	4	3	2	2	5	2	4	1			184
20					1	1	10	12				346
21	1	2	1			6	3	6	4	1		321
22	3	6	1	2	1	5	5	1				136
23	3	4	3	4	5	5						72
24		1	4	2	7	7	1	2				151
25				1	4	8	7	3	1			237
26						9	6	9				306
27			1			4	7	11	1			336
28				1	3	6	6	8				279
29												
30	1	4	3		4	4	4	4				169
31	3	1	2	1	7	4	4	2				155

Apr 1972

Date	Wind Movement in Miles/Hours. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1	4	2	4	2	3	6	2	1				119
2	1	1		1	5	8	6	2				193
3				1	2	6	7	7	1			296
4				1	1	4	9	7	2			317
5	1	2	1	3	2	6	5	3	1			211
6			3	4	4	7	3	3				174
7	3		1		2	5	6	7				249
8				1	3	13	2	2	2	1		246
9	5	1	3	1	2	6	3	2	1			165
10	12	1			3	3	2	3				114
11	6	5		1	5	4	2	1				101
12	5	8	4	1	4	1	1					49
13	1		2	1	6	6	5	1	2			193
14					2	5	6	5	6			359
15							2	11	9	2		485
16						1	4	6	11	2		477
17	9					1	3	5	6			268
18		1	1		3	4	4	7	4			315
19	1	4	2	1	9	3	3	1				125
20	1	2	4	2	7	5		3				150
21	3	6	1	2	2	5	2	3				139
22	2	3	2	3	5	7	2					105
23	5	4	2	4	3	4	2					87
24					2	5	8	9				320
25						1	7	12	4			392
26							4	12	8			450
27							7	9	8			422
28					1	5	4	9	5			364
29	2	4	2	2	4	4	6					132
30	2			3	2	9	7	1				191

THANO BULA KHAN

May 1972

Date	Wind Movement in Miles/Hours; Duration in Hours											24 Hours Wind Movement Miles 0800 to 0800
	0	1	2	3	5	10	15	20	25	30	40	
1		1	2			5	11	2	3			287
2		1			3	14	5	1				197
3			3	1	3	9	4	4				209
4					1	8	6	8	1			315
5						5	7	12				353
6						3	7	14				369
7					1	4	7	7	5			371
8				1	1	4	5	13				321
9					2	6	8	8				309
10						4	5	7	8			393
11		1		3	3	9	5	3				214
12	6		4	3	5	6						80
13					1	3	5	6	7	2		414
14	1	1	1		1	4	8	7	1			293
15	3	5	3	2	2	6	2	1				111
16	1	5	1		4	7	3	2	1			174
17	2	1	1		4	8	5	2	1			204
18	10	6		2	1	2	2	1				70
19		1			1	4	13	1	4			310
20						2	14	2	3	3		364
21												
22												
23												
24			1		1	10	5	4	3			276
25												
26												
27	3	9	4	1	3	4						57
28	3	2	5	2	3	4	4	1				124
29		1		3	2	10	5	2	1			227
30			1		2	12	6	2	1			235
31					9	11	2	2				179

Jun 1972

Date	Wind Movement in Miles/Hours. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1					2	16	3	3				216
2			1	2	3	5	10	3				233
3						8	11	4	1			305
4			1		1	6	7	7	2			315
5						2	5	12	5			413
6						1	4	13	6			433
7												
8						4	9	8	3			365
9												
10						5	12	5	2			323
11		1		1	3	8	7	4				247
12												
13												
14							5	19				391
15							1	14	9			471
16												
17												
18									19	5		582
19												
20												
21								16	6	2		487
22						3	4	15	2			397
23					2	9	8	5				272
24												
25	2	3	2		2	5	10					179
26		2	2	1	2	8	8	1				202
27		2		1	1	10	8	2				222
28	1		1	2	4	8	8					182
29												
30												
31												

Jul 1972

Date	Wind Movement in Miles/Hour. Duration in Hours: 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1												
2												
3	11	2	1	2	2	3	1	2				87
4												
5												
6												
7						3	3	10	8			418
8		1	2	1	3	11	4	2				184
9				1	2	10	6	4	1			262
10			2	1	2	3	2	14				300
11												
12												
13								11	8	5		524
14								18	6			457
15							1	18	5			443
16							1	14	9			462
17								13	11			494
18								4	19	1		537
19												
20												
21							2	10	12			474
22								4	20			518
23								9	14	1		527
24								10	13	1		516
25												
26									6	14	4	666
27								2	19	3		565
28								1	20	3		571
29								8	16			522
30									22	2		580
31							1	7	11	4	1	527

Aug 1972

Date	Wind Movement in Miles/Hour. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1						1	13	7	3			370
2							11	13				373
3								23	1			460
4								12	12			494
5								13	11			492
6								7	17			506
7								20	4			460
8						1	3	13	7			438
9							3	18	3			440
10						2	2	18	2			419
11							2	20	2			444
12								9	15			505
13								1	22	1		557
14								15	9			481
15				1		5	4	11	3			358
16		2	1	1		5	7	8				265
17							1	18	5			455
18												
19	1	3	2	1		6	8	3				217
20		2	1	3	2	6	6	2	2			216
21												
22												
23						2	13	9				337
24						3	12	8	1			356
25												
26												
27		1	2	1	1	4	9	5	1			280
28		2	1		2	9	7	2	1			211
29		2	2	1	1	2	9	7				247
30	1	3	1	1	1	6	7	4				232
31	1	3	2			12	4	2				207

THAND BULA KHAN

Sep 1972

Date	Wind Movement in Miles/Hour. 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
	Duration in Hours											
1												
2					1	7	11	5				197
3						2	6	15	1			395
4							5	8	11			462
5												
6												
7							1	16	7			449
8							7	15	2			402
9						4	11	8	1			356
10						4	11	9				334
11												
12		2	1		1	13	4	3				208
13												
14							9	15				360
15							4	13	7			342
16												
17							3	6	14	1		488
18						4	3	9	8			418
19												
20												
21	8	2	1	1	2	3	6	1				126
22												
23	14		4	2	2	2						34
24	13	2	1	1	4	3						39
25	12	4	1		2	4	1					53
26		1		2	3	8	7	1	2			260
27												
28						7	5	7	5			263
29					1	7	10	6				206
30					1	7	9	7				294

Oct 1972

Date	Wind Movement in Miles/Hour. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1					1	7	13	3				260
2					1	14	8	1				235
3												
4	13	3	3	1		2		1	1			71
5	8	4	3	1	2	3	2	1				83
6	8	1	1		1	9	4					128
7												
8												
9	4	3	4	1		4	8					144
10	5	2	2	1	3	1	6	4				171
11	4	1	3		2	11	2	1				141
12	1	4	1	2	7	6	1	2				123
13	5	3		1	8	4	3					109
14												
15												
16												
17	4	3	3	1	5	8						91
18	5	5	2	3	2	7						72
19												
20	8	2	3	2	4	5						65
21	5	5	3	2	2	3	2	2				106
22	8	1	1	1	4	7	2					80
23	12	3	1	1		2	5					90
24												
25	2	4	1	2	1	6	8					172
26	12	3	1	1	3	2	2					60
27		2	1	1	1	2	17					236
28	6	3		2	1	2	10					169
29	13	1		1			9					117
30	13	4	1	4	2							24
31	12	3	4			3	2					56

THANO BULA KHAN

Nov 1972

Date	Wind Movement in Miles/Hour. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0880 to 0800
1	17	6				1						7
2	19	4	1									3
3	14	1			2	5	2					75
4	15	3	2	1	2	1						21
5	15	7		1		1						12
6	20	2		1	1							8
7	17	5		2								7
8												
9												
10												
11	10	5		2	2	4	1					50
12	18	5		1								5
13	16	4		1	3							16
14	12	5	1	1	2	3						35
15	13	4		1	3	1	2					56
16	11	1		3	2	5	1	1				84
17												
18	19	4			1							5
19												
20												
21												
22												
23												
24												
25	14		1		3	5	1					60
26	13		1			7	3					97
27	18	5		1								5
28	13	2			2	2	5					88
29	15				2	5	2					69
30	16				5	3						45

Dec 1972

Date	Wind Movement in Miles/Hour. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1	14	1	1		1	6	1					70
2	12	3			2	3	4					79
3												
4												
5	10		1		3	7	3					104
6	14			1	1	5	3					91
7	21	3										1
8												
9	13	5	1	1	2	2						23
10	16	2	1	2	1	2						29
11												
12												
13	10			2	2	2	4	4				149
14	19	3	1	1								6
15	19	3		2								5
16	2	1	2	1	7	9	2					122
17	1	2	1			12	7	1				199
18						3	8	9	4			376
19												
20												
21	15			1	2	4						43
22	1			1								15
23					3	7	2					87
24	7	1		2	2	6	5					124
25												
26					8	8	8					188
27	11	6	1	1		1	3	1				70
28												
29	7		1	2	2	4	8					153
30												
31												

UTHAL

Jan 1972

Date	Wind Movement in Miles/Hours											24 Hours Wind Movement Miles 0800 to 0800
	0	1	2	3	5	10	15	20	25	30	40	
	Duration in Hours											
1												
2												
3												
4												
5	20	4										1
6												
7												
8												
9												
10	18	6										2
11												
12	18	1	2	2	1							13
13												
14	18	4	2									4
15												
16	19	5										2
17	21	3										1
18												
19												
20	19	5										1
21	17	6	1									3
22	11	9	3	1								10
23	17	7										2
24	20	2	2									3
25												
26	18	4	1	1								5
27	17	6		1								3
28	18	4	1	1								6
29	17	2	1	4								12
30	10	9		1	3	1						23
31	12	3	2	3	3	1						27

UTHAL

995

Feb 1972

Date	Wind Movement in Miles/Hour. 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
	Duration in Hours											
1	13	8	1	1	2							13
2	13	8	1	1	1							11
3	23	1										
4	14	3	3	2	1	1						23
5	9	7	3	3	1	1						25
6	17	6	1									3
7	20	4										1
8	17	6		1								3
9	22	2										
10	19	2	2		1							7
11	4	9		4		6	1					77
12	6	4	2	1	6	5						65
13	10	6	4	1	3							24
14	14	4	2	3	1							16
15	16	6	1	1								5
16	19	5										3
17	17	6		1								4
18	22	2										1
19	24											0
20	20	3	1									3
21	17	5	1	1								6
22	16	3	1		3	1						21
23	5	12	2	1	1	3						34
24												
25												
26	14	1	2	3	2	2						33
27	24											0
28	12	10	1		1							9
29	14	2	4	2	2							21

UTHAL

Mar 1972

Date	Wind Movement in Miles/Hour. 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
	Duration in Hours											
1	23	1										1
2	20	4										0
3	18	4			2							10
4	13	9		1	1							11
5	12	3	4		2	3						38
6	21	2	1									2
7	16	3		2	3							19
8	12	7		2		3						29
9	19	2		1	2							11
10	18	6										1
11	19	2	2		1							9
12	16	2	2	2	2							18
13	16	6	2									5
14	19	5										1
15	18	4	1	1								7
16	14	4	1		2	3						37
17	11	4	1	1		3	3	1				82
18												
19	15	2	1		1	2	3					60
20	9	5			2	1	3	4				125
21	13	3	1	2		2	3					60
22	13	5			3	3						37
23	16	4	1	1		2						18
24	18	1	1		1	2	1					37
25	14	3	1	2		2	2					45
26	11	6		2		4	1					50
27	11	2	2	1		8						67
28	9	5	1	1	4	2	2					63
29	10	6	2		1	3	2					56
30												
31	14	4		1	3		2					41

Apr 1972

Date	Wind Movement in Miles/Hour. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1	17	2			2	1	2					43
2	16	3	1		1	3						32
3	14	3	1	2	1	3						37
4	5	10	1	1	1	4	2					68
5	10	6		3		3	2					62
6	11	6	2			2	3					57
7	12	5		2		2	3					60
8	14	1	4			3	2					51
9	14	5	1	1			2					46
10	15	3	2	2		2						26
11	14	3		1	1	3	2					54
12	15	3	2			4						39
13	12	2		2	1	4	3					77
14	8	3	1	3	2	7						72
15	7	5	1			5	6					113
16	8	4		1	1	7	3					101
17												
18	7	7	2	2		3	3					68
19	10	9		3		2						29
20	12	3	1	2	3	2	1					48
21	15	4	1	1	1	2						23
22	12	9			1	2						23
23	15	3	2		3	1						24
24	8	5	1		1	2	3	4				129
25	11	2	1		2	5	3					86
26	9	6	1		2		3	3				102
27												
28	6	5			3	4	1	5				145
29												
30	15	3	1	1	1	1	2					39

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May 1972

Date	Wind Movement in Miles/Hour. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1	11	3	2			6	2					71
2	13	2	2	1	2	4						48
3	12	5	1		2	4						48
4	12	5			2	3	2					56
5												
6												
7	9	5	1			3	3	3				107
8	13	3	2		1	4	1					50
9	10	4	2	1	1	5	1					62
10	7	11			2	2	2					52
11	14	2	1	1	3	3						40
12	12	3	1	2	3	2	1					48
13	3	3	4	4	2	4	1	3				125
14	13	4	1	2	1	2	1					40
15	14	4		1	1	3	1					42
16	8	8		2	1	3	2					63
17	15	3	2		1	3						33
18	15	5		1		2	1					31
19	14	4	1	2		2	1					37
20	14	2	1	2	2	3						40
21	10	5	1		4	4						50
22	3	8	3		4	3	3					79
23												
24	10	7	1	2	2	2						32
25												
26												
27												
28												
29												
30	11	3	1	2	4	3						65
31												

Jun 1972

Date	Wind Movement in Miles/Hour. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1	16	3	2	2	1							14
2												
3	16	2	1	1	2	2						25
4	6	9		4	2	3						39
5	9	5	2		4	4						50
6	9	5	2	1	5	2						41
7	14	5	1	1	3							21
8	14	4	2	1	2	1						23
9	12	6		2	3	1						25
10	13	5	1		3	2						29
11	15	3	2		4							20
12	15	3	2	1	3							20
13												
14												
15	14	4	2	2	2							19
16	14	2	2	3	3							24
17												
18												
19	12	2		2	4	4						56
20	5	2	2	8	4	3						61
21	9	8		1	2	4						41
22	17	1	1	2	3							20
23	15	3		1	4	1						25
24	16	3	1		2	2						24
25	16	3	2	2	1							15
26	16	3	1	1	3							17
27	13	4	1	3	2	1						26
28												
29	16	7		1								7
30	20	1	3									5

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Jul 1972

Date	Wind Movement in Miles/ Hour. 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
	Duration in Hours											
1	20	4										1
2	17	4	2		1							10
3	19	3	1				1					15
4	19	2	3									7
5	9	4	1	2	4	4						51
6	12	6	1	1	1	3						34
7												
8	21	2			1							5
9	16	6	1	1								6
10	13	8	1	1	1							11
11	12	6	2	1	3							20
12	4	11	2	1	3	3						43
13	3	13	2		3	3						40
14	12	6	3	1	2							16
15	14	3	1	5	1							19
16	13	3	3	4	1							19
17	13	4		2	4	1						30
18	8	10	1	1	4							25
19	8	8	2	1	5							29
20	9	8		1	6							30
21	3	14	1	3	3							26
22	8	9	1	1	3	2						33
23												
24	11	6	1	2	4							27
25												
26												
27	15	5	1	1	2							15
28	9	7	4		3	1						29
29	9	9	1	2	3							22
30												
31	16	1	2	2	3							21

Aug 1972

Date	Wind Movement in Miles/Hour. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1	17	4		3								10
2	15	5	1	3								11
3	11	7	3	1	2							17
4	14	5		3	2							18
5	14	3	1	6								15
6	16	3	2	3								12
7	16	3	1	4								12
8	13	2	2	2	1	4						42
9	11	3	1	2	3	4						49
10	10	2	2	1	2	7						66
11	10	1	1	2	5	5						73
12	10	6	1		1	6						52
13	16	1	1		1	5						50
14	15			3	2	4						45
15	16	1	1		3	3						35
16	12	4	1	1	1	5						41
17	12	4	1		4	3						57
18	12	4	1	1	3	3						40
19	13	4			4	3						36
20	12	5			4	3						37
21	4	6	5	2	7							43
22	10	6	1	2	1	4						38
23	15	1		2	6							32
24	16	1		2	2	3						30
25	13	3	2	1	3	2						32
26	15	1	2	3	1	2						32
27	13	2	2		4	3						39
28	7	6	1	2	5	1	2					70
29	7	5	1		5	6						69
30	9	4		2	6	3						61
31	10	3	2		4	5						52

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Sep 1972

Date	Wind Movement in Miles/Hour. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1	11	3	6	2	2							25
2	16	2	1	1	2	2						28
3	9	6	1	1	7							26
4	13	3	2		2	4						39
5	10	5		2	4	3						38
6	12	4		2	4	2						38
7	13	3	1	1	2	4						34
8	11	5	2	1	2	3						33
9	14	3	1	1	2	3						32
10	15	3		1	5							27
11	15	2	1	1	5							27
12	14	4		1	5							27
13	12	6	1	2	3							22
14	8	3	2	3	8							45
15	11	3	2	1	7							37
16	12	3		1	3	5						42
17	15				6	3						46
18	12	3	2	2	3	2						34
19	11	3	3	4	2	1						32
20	15	6	1	1	1							11
21	18	3		1	2							12
22	16	5	1	1	1							11
23												
24	21	3										2
25	18	3		1	2							11
26												
27	14	4	2	1	3							18
28	16	3		2	3							19
29	17	3	1	2	1							12
30	14	3	2	1	4							24

Oct 1972

Date	Wind Movement in Miles/Hour. 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
	Duration in Hours											
1	14	5	2	2	1							15
2	16	4	1	2	1							13
3	16	3		1	4							20
4	15	3	5	1								13
5	16	4	2		2							12
6	20	4										1
7												
8	21	1		2								6
9	19	1	2	2								9
10	18	3		2	1							9
11	19	3		1	1							8
12	20	2	2									5
13	18	3	1	1	1							10
14	20	4										3
15	20	1	1	1	1							10
16	17	5	1		1							6
17												
18	18	3		2	1							11
19	17	4	1	1	1							10
20	17	5	1	1								5
21	17	3	2	2								10
22	21	3										1
23	20	2	1	1								4
24												
25	21	2	1									2
26	21	3										2
27												
28												
29	20	4										1
30	20	3	1									2
31	22	1	1									3

Nov 1972

Date	Wind Movement in Miles/Hour. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1	21	2	1									2
2												
3												
4	22	2										1
5	23	1										1
6	22	2										1
7												
8												
9	20	4										1
10												
11	22	2										1
12												
13												
14												
15												
16												
17												
18												
19												
20	19	1	1		1	2						19
21	13	4	2		4	1						28
22	18	2	2	2								10
23												
24	19	2	1		2							12
25	19	3	1	1								5
26												
27												
28												
29												
30												

Dec 1972

Date	Wind Movement in Miles/Hour. Duration in Hours 0	1	2	3	5	10	15	20	25	30	40	24 Hours Wind Movement Miles 0800 to 0800
1												
2												
3												
4												
5	23	1										1
6	22	1	1									2
7	22	1		1								2
8	17	6			1							5
9	15	2		1	5	1						26
10												
11												
12												
13												
14												
15												
16												
17	21	3										1
18	20	4										1
19												
20												
21												
22												
23												
24	21	1	1		1							5
25	17	3		1	3							16
26												
27	18	2		1	3							17
28												
29												
30												
31	22	1	1									1