



# *PEACE Project*

*"Reducing Risk for the Kuchi People"*

*Afghanistan Historical Climate Data  
Ministry of Transportation*

Afghanistan PEACE Project

Afghanistan: House No. 39, Street 2 Qala-e-Fathullah Kabul Cell: +93 0798 201 762/3

USA: CNRIT- 2138 TAMU College Station Texas 77843-2138

Email: [mjacobs@cnrit.tamu.edu](mailto:mjacobs@cnrit.tamu.edu); [cschloeder@cnrit.tamu.edu](mailto:cschloeder@cnrit.tamu.edu)



**This data was provided by the Islamic Government of Afghanistan Ministry of Transportation. The digitizing of this data was made possible through support provided by the U.S. Agency for International Development, Afghanistan Agriculture Program Sector, under the terms of the University of California - Davis Cooperative Agreement Award no. 306-A-00-06-00521-00. The views expressed by the author(s) do not necessarily reflect those of USAID.**



**Agricultural Research Department-Metereological Department and FAO Agrometeorological Component**

***Historical Data Sheet***

**Mazar-i-Sharif Mean Maximum Temperature**

No	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	1958	11.1	15.0	19.9	25.0	28.9	36.6	38.7	35.1	31.0	24.8	11.9	11.6
2	1959	9.3	8.8	16.1	28.3	30.7	36.2	37.3	37.8	34.8	25.7	13.7	5.8
3	1960	10.2	14.8	8.9	21.2	28.2	37.2	38.1	31.6	26.1	26.1	14.8	8.2
4	1961	9.9	9.5	17.7	22.9	33.3	36.6	39.3	35.5	32.4	22.3	16.9	13.0
5	1962	8.5	14.0	20.6	22.5	30.6	35.0	39.5	36.1	29.5	23.3	11.7	10.2
6	1963	13.6	15.6	17.0	26.5	29.8	37.1	37.9	36.2	32.1	26.9	16.4	8.9
7	1964	2.1	11.3	18.1	22.0	31.1	36.8	39.1	37.6	31.3	21.6	17.9	6.3
8	1965	7.8	10.2	14.7	23.3	32.4	36.4	39.4	37.1	31.3	26.4	20.1	13.7
9	1966	17.1	16.6	16.6	23.5	31.5	39.5	39.2	38.8	31.1	22.7	15.1	12.4
10	1967	18.2	9.8	16.9	23.2	29.7	35.4	38.6	37.3	32.5	23.1	16.6	11.8
11	1968	10.5	10.6	17.4	22.0	30.2	37.0	38.6	37.5	-	-	17.4	9.5
12	1969	2.6	3.4	15.6	21.9	28.4	36.5	38.2	-	31.7	25.0	14.4	15.0
13	1970	8.1	15.3	16.6	26.1	35.0	37.0	37.9	39.1	31.3	25.5	20.2	9.9
14	1971	5.5	11.8	18.2	24.1	34.5	37.8	38.6	36.7	31.3	25.1	19.7	15.8
15	1972	4.1	-1.1	12.4	23.6	28.7	36.0	36.5	33.8	31.8	25.8	19.1	5.9
16	1973	3.5	13.7	14.5	23.6	30.8	38.9	39.4	31.3	30.1	26.2	19.7	10.6
17	1974	5.6	6.5	16.8	25.1	32.3	36.9	38.6	35.5	31.3	24.4	17.7	9.3
18	1975	8.8	9.7	16.1	21.8	31.2	37.8	40.2	37.5	32.3	24.1	14.1	10.1
19	1976	11.2	7.3	13.2	23.3	32.2	37.2	39.7	38.3	32.6	23.9	13.7	8.1
20	1977	-0.2	10.3	21.9	26.5	32.5	39.7	39.5	36.9	32.5	17.7	16.1	10.6
21	1978	7.6	9.6	14.2	26.7	31.2	36.9	39.4	36.6	34.2	26.6	12.4	14.8

























**Agricultural Research Department-Metereological Department and FAO Agrometeorological Component**

**Historical Data Sheet**

**Mazar-i-Sharif Surface Ordinary Temperature 0900**

No	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	1958	-	-	-	-	-	-	-	-	-	-	-	-
2	1959	-	-	-	-	-	-	-	-	-	-	-	-
3	1960	-	-	-	-	-	-	-	-	-	-	-	-
4	1961	-	-	-	-	-	-	-	-	-	-	25.0	18.3
6	1962	12.6	19.0	29.3	32.6	46.5	56.0	62.3	58.2	50.8	41.0	21.4	14.6
7	1963	18.4	21.7	26.3	41.0	42.8	57.3	61.0	59.9	51.2	41.9	23.6	14.0
8	1964	9.3	16.4	24.5	29.2	49.0	60.0	60.8	60.5	53.1	32.6	25.6	11.4
9	1965	10.6	13.0	21.3	34.4	47.6	58.7	61.4	59.3	56.2	41.3	26.5	18.5
10	1966	23.6	20.9	21.3	38.5	54.0	68.5	66.2	64.9	49.1	32.1	23.2	15.0
11	1967	10.1	14.1	25.5	32.8	49.0	52.0	65.1	60.4	48.8	33.6	23.0	13.8
12	1968	11.9	14.8	19.0	29.5	44.5	54.3	55.8	61.5	-	-	21.9	11.8
13	1969	2.8	-	18.6	28.1	41.0	54.6	59.0	-	46.4	36.3	17.2	17.3
14	1970	12.1	21.3	23.1	35.7	53.7	x	x	63.2	54.0	-	-	-
15	1971	-	14.5	25.0	36.0	58.6	63.7	36.3	61.7	53.8	39.3	28.2	20.7
16	1972	7.1	-	-	31.6	41.1	-	-	-	46.7	40.1	29.0	10.5
17	1973	8.1	16.9	19.1	30.5	51.8	x	x	x	50.8	44.2	30.1	16.4
18	1974	10.1	11.7	27.6	41.9	56.4	64.1	66.6	63.0	55.6	43.0	26.9	14.7
19	1975	13.3	14.8	23.5	31.0	52.6	65.9	67.2	63.8	56.7	41.3	23.4	15.5
20	1976	15.9	11.9	23.6	34.6	53.2	61.9	66.7	63.0	53.8	38.1	23.8	12.4
21	1977	1.9	15.3	35.4	47.8	56.1	64.5	65.6	61.5	55.2	37.0	21.1	14.8
22	1978	9.8	13.5	24.0	40.4	25.1	57.6	61.8	62.0	56.3	42.6	18.2	17.8
23													


 questionable

Agricultural Research Department-Metereological Department and FAO Agrometeorological Component

*Historical Data Sheet*

**Mazar-i-Sharif Max Height of Snow**

No	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	1959	4/	6/	4/	0	0	0	0	0	0	0	0	13/
2	1960	8/	tr	15/15	0	0	0	0	0	0	0	0	0
3	1961	2/	2/	0	0	0	0	0	0	0	0	0	0
4	1962	1/	0	0	0	0	0	0	0	0	0	1/	4/
6	1963	1/3,7	0	tr	0	0	0	0	0	0	0	0	0
7	1964	1/7	0	0	0	0	0	0	0	0	0	0	0
8	1965	0	2/2	0	0	0	0	0	0	0	0	0	0
9	1966	0	0	0	0	0	0	0	0	0	0	0	0
10	1967	4/24	5/28	0	0	0	0	0	0	0	0	0	1/25
11	1968	4/19	5/5	0	0	0	0	0	0	0	0	0	0
12	1969	12/26	12/10	8/2	0	0	0	0	0	0	0	0	0
13	1970	3/30	0	0	0	0	0	0	0	0	0	0	13/15
14	1971	5/14	0	0	0	0	0	0	0	0	0	0	0
15	1972	19/31	35/23	-	-	0	-	-	-	0	0	0	3/27,23
16	1973	8/19	8/7	0	0	0	0	0	0	0	0	0	0
17	1974	6/26	4/2.	0	0	0	0	0	0	0	0	0	0
18	1975	8/29	28/13	2/5	0	0	0	0	0	0	0	4/15	3/5
19	1976	13/5	4/25	4/27	0	0	0	0	0	0	0	8/32	1/24
20	1977	44/25	29/1	0	0	0	0	0	0	0	0	0	0
21	1978												
22	1979	18/36	25/23	0	0	0	0	0	0	0	0	0	0
23	1980	73	72	0	0	0	0	0	0	0	0	0	0
24	1981												
25	1982												
26	1983												
27	1984												
28	1985												
29	1986	7/13	1/7	0	0	46/4	0	0	0	-	0	0	0
30	1987												
30													

 Not sure of source of this data









**Agricultural Research Department-Metereological Department and FAO Agrometeorological Component**

**Historical Data Sheet**

**Mazar-i-Sharif Number of days with rain**

No	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	1959	3	6	9	7	3	1	0	0	0	1	9	8
2	1960	5	5	10	11	-	0	0	0	1	1	8	3
3	1961	6	7	10	12	4	0	0	1	0	0	5	
4	1962	3	8	8	16	4	0	0	0	0	3	4	5
5	1963	2	10	6	10	9	1	1	0	1	1	6	3
6	1964	1	11	9	12	3	0	2	0	0	0	3	0
7	1965	11	7	6	10	5	0	0	0	0	0	2	0
8	1966	1	7	12	3	0	0	1	0	0	4	1	6
9	1967	0	6	4	10	2	0	0	0	0	2	8	6
10	1968	10	4	10	12	1	0	0	0	-	-	3	17
11	1969	6	1	14	11	3	2	1	0	0	5	6	5
12	1970	6	7	8	7	1	0	0	0	0	3	1	3
13	1971	4	11	9	9	0	0	0	0	0	2	3	4
14	1972	0	0	13	10	6	1	0	0	1	1	0	8
15	1973	4	9	13	9	3	0	0	0	0	0	1	4
16	1974	7	1	8	7	4	0	0	0	0	0	2	7
17	1975	7	5	12	10	4	0	0	0	0	0	3	5
18	1976	6	8	8	12	2	0	0	0	0	3	0	6
19	1977	3	5	4	4	3	0	0	0	0	6	8	9
20	1978	5	8	11	8	5	0	0	0	0	0	10	10
21											32	73	102













<b>Data Processing Form</b>			
<b>Station (Mazar-i-Sharif)</b>			
<b>Data Processing</b>		<b>Parameters</b>	<b>Duration</b>
Starting Date	13/12/2003	Mean Temperature in C	1949-1978
		Mean Maximum Temperature	1958-1978
		Mean Minimum Temperature	1958-1978
		Absolute Maximum Temperature	1958-1978
		Absolute Minimum Temperature	1958-1979
		Number Of Days With Max 30 C	1958-1979
		Number Of Days With Min, 00 C	1958-1979
		Mean Relative Humidity	1958-1979
Number of pages	27	Max Relative Humidity with date	1958-1979
		Min Relative Humidity with date	1958-1979
		Mean Pressure in (mb)	1958-1977
		Max pressure in (mb)	1958-1978
		Absolute Maximum Temperature in mb	1958-1978
		Surface Ordinary Temperature,0300	1958-1978
		Surface Ordinary Temperature,0900	1958-1978
		Max Hight Of Snow	(1959-1981), 1987
		Number Of Days With Snow Falls	1959-1978
		Number Of Days With 6-8 Oktas	1958-1978
Completion Date	25/12/2003	Precipitation in mm	1949-1978
		Max Precipitation in 24 Hours with date	1958-1978
		Number Of Days With Rain	1959-1978
		Sun Shine Hours	1960-1978
		Number Of Days With Sand, Dust, storm	1958-1978
		Number Of Days With Thundar	1958-1978
		Number Of Days With Hail	1958-1978
		Max Of Wind During The Month	1958-1978
		Water Pressure	1958-1978