

Government of Pakistan

MONTHLY
CLIMATIC NORMALS
OF PAKISTAN
(1981-2010)



Climate Data Processing Centre
PAKISTAN METEOROLOGICAL DEPARTMENT
Karachi
(January 2013)

PREFACE

A climate normal is defined, by convention, as the arithmetic mean of a climatological element computed over three consecutive decades (WMO, 1989). The 30 year interval is sufficiently long to filter out many of the short-term interannual fluctuations and anomalies, but sufficiently short so as to be used to reflect longer term climatic trends. Meteorologists and climatologists regularly use Normals for placing recent climate conditions into a historical context. Normals are commonly seen on local weather news segments for comparisons with the recent weather conditions. In addition to weather and climate comparisons, Normals are utilized in seemingly countless applications across a variety of sectors. These include: research, regulation of power companies, energy load forecasting, crop selection and planting times, construction planning, building design, and many others.

*It is my immense pleasure to state that the publication entitled “**Monthly Climatic Normals of Pakistan 1981-2010**” is ready for end users. It is based on the averages and extremes for the period of thirty years started from 1981 to 2010 of 57 stations. This publication is in continuation of previous three such Normals (1931-1960, 1961–1990 & 1971-2000), produced by the Climate Data Processing Centre (CDPC), Karachi. The current Climatic Normals are constructed using the data for the three synoptic hours 0000, 0300 and 1200 Universal Time Coordinated (UTC i.e., 0500, 0800 and 1700 Pakistan Standard Time (PST)). The explanation of all data description are given in the "Key to Climatic parameters" (Page No. iii to vi). Some additional information; like station's geographical coordinates, elevation of the stations, year of establishment, period of data compiled and height of the instruments installed are given on the top of each data page. Map showing the location of each station has also been incorporated.*

I would like to acknowledge and extend my heartfelt appreciation to the CDPC team lead by Mr. Nadeem Faisal, Deputy Director, who has work hard in completion of this publication. I hail the supervisory role of Mr. Naeem Shah, Director, CDPC throughout the process. Dedicated efforts of Mr. Muhammed Riaz, Professional Assistant in compilation and analysis of data are highly commendable. In the end I would also like to mention & appraise the data contribution efforts of Directors of Regional Meteorological centers of Karachi, Lahore and Pakistan Air Force (Meteorology).

Islamabad, the January 23, 2013



(ARIF MAHMOOD)
Director-General
Meteorological Service

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LIST OF ACRONYMS

Readers may find it convenient to study the following data descriptions before concentrating upon the data regarding the Climatological Normals 1981 - 2010 contained in the body of this publication.

ABBREVIATIONS:

agl	above ground level
amsl	above mean sea level
AP	Airport
PAF	Pakistan Air Force
CDPC	Climate Data Processing Centre
GMT/UTC	Greenwich Mean Time/universal time coordinated (Pakistan Standard Time = GMT/UTC + 5 hours)
gpm	geopotential meters (see information about hill station)
mb/hPa	Millibar/hectopascal
PMD	Pakistan Meteorological Department
PBO	Pilot Balloon Observatory
WMO	World Meteorological Organization
"---"	data/information not available for at least 70% of the number of years
Trace	Traces of rainfall (amount less than 0.1 mm)
N/A	Information not available

GENERAL INFORMATION:

Data for each individual station is contained in three separate pages. Each page contains station information at the top of the page. A description of the information at the top of the each page is as follows:

The station name is given at the top centre of the page.

WMO No.	The World Meteorological Organization (WMO) number begins with the figures 41, indicating Pakistan, and the remaining three figures are the specific number allotted to the station by the WMO (Some Azad Kashmir stations begin with 43).
Established	Year of establishment of the station.
Latitude	Station latitude in degrees and minutes North.
Longitude	Station longitude in degrees and minutes East.
Height of the barometer	Height of the barometer cistern above mean sea level is given in meters.
Height of the ground	Height of the ground above mean sea level at the location of the Stevenson screen & height of base of Stevenson screen above ground level are given in meters.
Height of anemometer	Height of anemometer above ground is given in meters.

COLUMN-BY-COLUMN DESCRIPTION:

The columns of data on each page are numbered consecutively from 1 to 39. A detailed page-wise description of the data to be found in each column is given below against the column number:

Column	Units	Description
--------	-------	-------------

FIRST TABLE

1		Month of the year.
2 - 4	mb or hPa	Mean station level pressure at 0000 (col 2), 0300 (col 3) and 1200 (col 4) GMT or (UTC).
5 - 7	mb or hPa	For plain stations mean station level pressure reduced to mean sea level. Also gpm, for hill stations, instead of mean sea level pressure, height in gpm of the 850 hpa level is reported.

NOTE:

- A plain station observatory whose elevation above mean sea level is less than 800 meters: Such observatories report pressure reduced to Mean Sea Level.
- A hill station observatory whose elevation above mean sea level is greater than 800 meters: Such observatories report geopotential height of nearest standard pressure level. All of Pakistan hill stations report geopotential height of 850 mb/hpa level

8 - 10	°C	Mean dry bulb temperature at 0000 (col 8), 0300 (col 9) and 1200 (col 10) GMT or (UTC).
11-13	%	Mean relative humidity at 0000 (col 11), 0300 (col 12) and 1200 (col 13) GMT or (UTC).

SECOND TABLE

14		Month of the year
15	°C	Mean daily temperature for the month as approximated by the formula [Mean = (col 16 + col 19)/2].
16	°C	Mean daily minimum temperature (i.e., sum of daily minimum temperatures for the whole month divided by the number of days in the month and then averaged over the normals period).
17 - 18	°C	Lowest minimum temperature for the given month recorded during the normals period 1981 - 2010 (col 17) with day and year of occurrence (col 18).
19	°C	Mean daily maximum temperature (i.e. sum of daily maximum temperatures for the whole month divided by the number of days in the month and then averaged over the normals period).
20 - 21	°C	Highest maximum temperature for the given month recorded during the normals period 1981 - 2010 (col 20) with day and year of occurrence (col 21).

Column	Units	Description
--------	-------	-------------

22 - 24 knots Arithmetic mean wind speed at synoptic hours, at 0000 (col 22), 0300 (col 23) and 1200 (col 24) GMT or (UTC).

25 - 27 degree Vector mean monthly wind direction (degrees clockwise from true north) at synoptic hours, at 0000 (col 25), 0300 (col 26) and 1200 (col 27) GMT or (UTC). For example N20W means “from north to west 20 degree (i.e. 340 degree)”

THIRD TABLE

28 Month of the year

29 mm Mean monthly total amount of precipitation measured on a daily basis between 0300 and 0300 GMT or (UTC). Figures below col 29 and against “annual” are the mean annual precipitation total.

30 - 31 mm & year Maximum precipitation amount recorded for the month during the normals period 1981 – 2010 (col 30) and the year of recording this amount (col 31). Figures below col 31 and against “annual” are the maximum precipitation amount recorded in one year during the normals period and the year of this maximum record (col 31).

32 – 33 mm & year Minimum precipitation amount recorded for the month during the normals period 1981 - 2010 (col 32) and the year of recording of this amount (col 33). If the minimum precipitation (col 32) repeated more than one time (driest precipitation 0.0 mm may be repeated) then number of years counted and written in brackets (col 33). Figures below col 32 and against “annual” are the minimum precipitation amount recorded for the year during the normals period and year of this record (col 33).

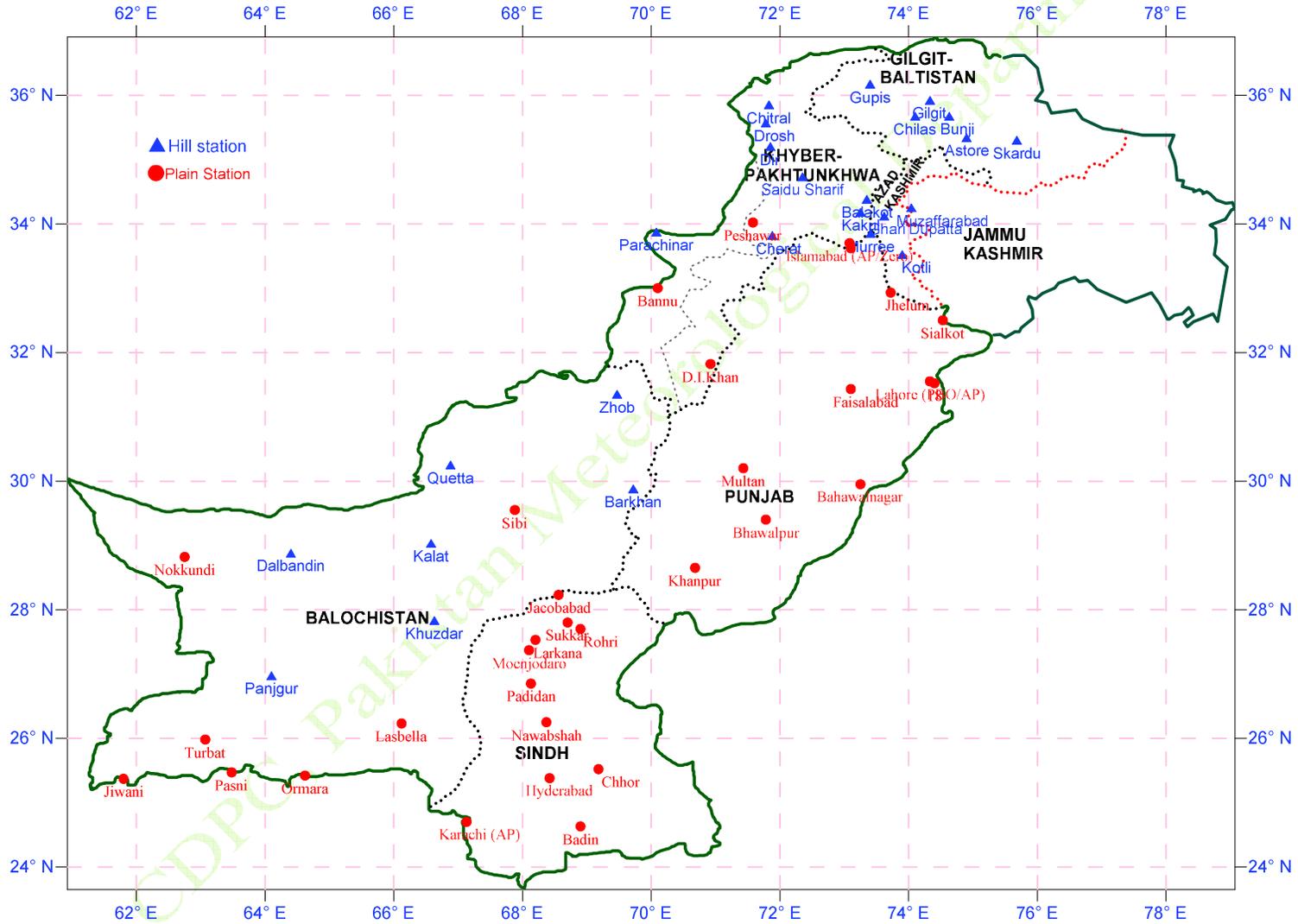
34 days Mean number of rainy days. A day is defined to be rainy if the total rainfall for that day exceeds 2.5 mm (0.1 inch). The mean number of rainy days is the total number of rainy days in a specific month summed over the number of years in the normals period and divided by this number of years. Where no rainy day was recorded for the month during the whole normals period 1981-2001 a zero "0" is mentioned (col 34). Figures below col 34 and against “annual” are the annual mean number of rainy days.

35 – 36 mm & year Heaviest precipitation amount for the month recorded in 24 hours during the normals period 1981 - 2010 (col 34) and the day and year of occurrence (col 35). Figures below col 34 and against “annual” are the maximum precipitation amount falling in one day during the normals period with date and year of occurrence (col 35).

37 hours Mean monthly total sunshine hours.

38 – 40 oktas Mean total cloud cover (low, medium and high) at 0000 (col 38), 0300 (col 39) and 1200 (col 40) GMT or (UTC) in units of eighths of sky covered.

Location map of weather stations for which data are used in preparation of this normal



GARHI DUPATTA

Period : 1981-2010

WMO NO: 43533

ICAO ID: N/A

Elevation: 812 m

Latitude: 34° 13' N Longitude: 73° 37' E

Established in 1954

Height => Barometer Cistern(amsl) = 813 m, Anemometer (agl) = 6 m, Steven Screen (amsl/agl)= 812 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	----	924.8	922.4	----	1492.7	1488.5	----	4.8	11.6	----	76.6	53.5
February	----	923.3	920.8	----	1483.8	1479.0	----	6.4	13.9	----	80.6	52.8
March	----	921.8	919.2	----	1481.0	1474.9	----	10.9	18.8	----	79.5	49.8
April	919.0	919.5	916.6	1461.1	1476.6	1463.8	13.1	16.2	24.5	82.9	71.3	45.2
May	915.7	916.2	913.2	1441.0	1454.4	1441.7	17.6	21.7	29.5	76.2	60.7	39.6
June	911.8	912.1	908.7	1411.6	1423.4	1406.6	21.0	24.9	32.8	74.2	60.1	39.1
July	909.7	910.8	907.9	1402.4	1411.1	1395.7	22.8	25.0	31.5	85.7	77.7	56.9
August	912.0	912.5	909.6	1417.4	1426.2	1410.4	22.7	24.4	30.5	90.0	82.7	63.4
September	916.4	917.0	913.8	1450.9	1461.6	1447.4	19.0	21.3	28.7	88.5	77.0	55.3
October	----	922.2	918.8	----	1495.7	1479.0	----	15.1	23.3	----	75.6	49.9
November	----	925.0	921.7	----	1504.7	1496.4	----	9.1	17.1	----	80.0	52.8
December	----	925.7	923.1	----	1501.3	1496.2	----	5.3	12.4	----	81.2	57.2
Annual	*****	919.7	916.8	*****	1472.7	1459.8	*****	15.7	22.3	*****	73.5	52.3

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	8.9	2.8	-4.0	19/1998	14.9	25.2	31/2007	----	1.0	1.6	----	S20E	S35E
February	10.4	4.4	-7.2	3/1988	16.5	28.0	27/2004	----	0.4	1.4	----	S	S
March	14.5	8.0	-2.8	18/1988	21.0	33.5	31/2004	----	0.4	1.4	----	S	W
April	19.5	12.1	2.8	16/1991	27.0	39.5	29/2007	0.4	0.5	1.5	S	N35W	W
May	24.6	16.6	8.1	9/1997	32.5	43.8	14/2006	0.5	0.8	2.0	S	N34W	S35W
June	27.9	19.8	5.0	1/1988	36.0	45.8	20/1986	0.4	0.5	2.1	S16E	N43W	S62W
July	27.9	21.8	11.7	15/1988	34.0	42.8	5/1987	0.3	0.4	1.7	S	N44W	N52W
August	27.3	21.8	11.7	28/1988	32.7	38.9	12/1987	0.2	0.3	1.5	S	N44W	N48W
September	25.1	18.1	7.8	30/1988	32.1	37.7	4/1998	0.2	0.2	1.2	S	N41W	N47W
October	19.9	11.7	2.8	20/1987	28.0	35.3	1/1998	----	0.2	0.8	----	S	W
November	14.4	6.4	-2.2	28/1987	22.5	31.4	10/1996	----	0.3	0.6	----	S	S
December	10.1	3.5	-3.9	26/1987	16.7	24.0	2/2008	----	0.5	0.8	----	S	S
Annual	19.0	12.1	-7.2	3/2/1988	25.8	45.8	20/ 6/1986	*****	0.6	1.6	*****	W	W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	114.6	320.9	1992	0.5	2001	5.5	102.3	30/1992	----	----	3.3	3.8
February	147.6	447.0	2005	12.0	1985	8.2	143.3	18/2003	----	----	3.8	4.6
March	171.7	331.3	1996	11.6	2008	10.9	79.0	12/1996	----	----	3.6	4.5
April	119.0	301.4	1998	3.8	2000	9.6	89.3	26/1998	----	2.9	3.0	4.3
May	77.3	187.7	1987	30.8	1999	9.3	50.3	19/1983	----	2.2	2.0	3.7
June	112.3	216.3	2007	27.4	1992	10.5	68.5	20/1997	----	2.3	2.1	3.8
July	263.3	570.5	2010	89.4	1982	15.4	189.4	30/2010	----	4.2	4.0	4.0
August	210.5	384.8	1997	101.4	1996	14.2	142.0	27/1997	----	4.2	3.9	4.0
September	98.2	441.9	1992	12.8	2008	6.9	257.1	10/1992	----	2.2	2.0	2.7
October	40.3	119.9	1987	0.0	2 Years	4.2	58.6	11/2004	----	----	1.1	2.1
November	43.2	222.9	1986	0.0	1987	2.7	182.0	29/1995	----	----	1.7	2.1
December	81.9	338.4	1990	0.0	4 Years	5.0	153.7	20/2004	----	----	2.9	3.2
Annual	1470.8	1987.8	1992	1084.1	2001	102.5	257.1	10/9/1992	----	*****	2.9	3.7

KOTLI

Period : 1981-2010

WMO NO: 43563

ICAO ID: N/A

Elevation: 613 m

Latitude: 33° 31' N Longitude: 73° 54' E

Established in 1952

Height => Barometer Cistern(amsl) = 615 m, Anemometer (agl) = 5.75 m, Steven Screen (amsl/agl)= 613 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	----	947.7	944.6	----	1021.6	1017.0	----	6.4	15.4	----	78.6	53.8
February	----	944.9	942.9	----	1018.8	1014.4	----	9.2	17.9	----	74.9	49.3
March	----	942.9	940.8	----	1015.4	1010.9	----	13.8	22.7	----	67.7	44.4
April	939.1	939.9	937.6	1010.3	1010.9	1006.2	17.9	19.4	28.3	61.9	57.5	38.2
May	935.5	936.3	933.6	1005.2	1005.8	1001.0	22.7	24.6	33.3	54.4	49.7	32.4
June	931.9	932.7	929.6	1000.9	1001.2	996.0	25.1	27.2	35.3	58.7	53.5	36.3
July	931.3	932.1	929.5	1000.0	1000.6	996.6	25.1	26.3	32.0	81.4	78.0	60.8
August	933.1	933.9	931.5	1001.1	1001.7	999.1	24.5	25.4	30.6	88.1	84.7	68.7
September	937.2	938.2	935.6	1007.2	1008.1	1003.5	21.9	22.9	30.2	81.1	76.6	58.7
October	----	943.5	940.9	----	1015.0	1009.8	----	17.5	26.9	----	69.1	47.4
November	----	946.4	943.8	----	1019.9	1014.4	----	11.5	21.6	----	74.1	48.5
December	----	947.5	945.2	----	1022.3	1017.2	----	7.0	16.9	----	81.3	54.2
Annual	*****	940.5	938.1	*****	1011.7	1007.4	*****	17.5	25.5	*****	70.9	50.0

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	11.1	4.5	-2.8	6/1986	17.8	28.8	24/2010	----	2.1	1.1	----	N30E	S56W
February	13.5	7.1	0.8	2/2008	19.8	30.8	14/1993	----	2.8	1.7	----	N39E	S51W
March	18.0	11.4	1.1	1/1994	24.6	35.3	26/2010	----	3.8	2.3	----	N39E	S55W
April	23.5	16.4	5.3	2/1986	30.6	41.2	28/2006	4.8	4.3	2.4	N42E	N39E	S73W
May	28.1	20.9	5.0	18/1993	35.7	46.7	31/1988	4.8	4.3	2.8	N42E	N39E	S56W
June	30.4	23.6	2.2	1/1993	37.6	45.2	11/1995	4.9	3.7	2.8	N41E	N41E	S52W
July	28.7	23.6	17.2	12/1986	33.9	43.6	5/1987	2.0	1.7	1.9	N40E	N42E	S44W
August	27.9	23.2	17.8	23/1985	32.8	40.9	2/1987	1.5	1.3	1.4	N40E	N41E	S47W
September	26.6	20.8	13.8	30/1982	32.5	37.8	4/2005	3.3	2.8	1.2	N39E	N38E	S59W
October	22.7	15.4	5.8	29/1985	30.1	36.9	1/2009	----	3.0	1.2	----	N38E	S78W
November	17.3	9.5	2.8	30/1998	25.1	32.0	3/1981	----	2.2	0.7	----	N27E	S68W
December	12.5	5.2	-1.3	31/2007	19.8	29.7	8/1998	----	1.7	0.7	----	N26E	S51W
Annual	21.4	14.9	-2.8	6/1/1986	28.1	46.7	31/ 5/1988	*****	3.2	2.0	*****	N38E	S56W

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	73.9	211.4	1992	1.0	2007	5.5	76.7	6/1989	----	----	3.2	3.6
February	102.5	334.0	2003	2.2	2001	5.8	164.0	19/2003	----	----	3.5	4.2
March	128.5	348.0	2003	7.0	2008	7.7	168.0	2/2003	----	----	3.5	4.1
April	72.8	274.0	1983	0.0	1999	6.8	90.4	13/1983	----	2.8	2.9	3.7
May	44.7	133.2	1987	3.0	1993	5.8	47.4	1/2004	----	2.3	2.3	3.3
June	80.9	230.2	2008	4.8	1985	8.4	81.0	21/1995	----	2.6	2.4	3.0
July	284.4	711.0	1988	78.0	1996	15.6	135.0	31/2000	----	5.0	4.5	4.0
August	251.8	490.2	1983	94.0	1993	14.4	193.0	27/1997	----	4.7	4.5	4.1
September	84.3	212.1	1992	9.4	2009	7.1	115.0	9/1992	----	2.4	2.4	2.5
October	34.9	113.4	2008	0.0	3 Years	3.1	72.9	14/1983	----	----	1.1	1.4
November	22.7	93.7	1986	0.0	5 Years	1.6	75.0	16/1982	----	----	1.6	1.7
December	51.3	309.3	1990	0.0	6 Years	3.0	157.6	29/1990	----	----	2.9	2.9
Annual	1232.6	1789.8	1983	707.8	2009	84.9	193.0	27/ 8/1997	----	*****	3.0	3.4

MUZAFARABAD

Period : 1981-2010

WMO NO: 43532

ICAO ID: OPMF

Elevation: 701 m

Latitude: 34° 22' N Longitude: 73° 29' E

Established in 1954

Height => Barometer Cistern(amsl) = 702 m, Anemometer (agl) = 6 m, Steven Screen (amsl/agl)= 701 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	----	935.6	932.6	1017.3	----	1012.9	----	4.6	13.4	----	82.1	50.1
February	----	933.9	931.0	1015.2	----	1010.6	----	6.9	15.5	----	80.9	46.7
March	----	932.2	928.5	1011.4	----	1007.0	----	11.4	20.5	----	75.1	41.2
April	928.8	929.7	926.2	1008.3	1008.8	1002.5	15.1	16.7	26.3	73.7	67.6	37.0
May	925.4	926.1	922.4	1003.3	1003.8	997.0	19.5	21.8	31.4	66.6	59.2	33.7
June	921.4	922.0	918.1	998.1	998.2	991.7	22.6	25.1	33.9	67.7	59.1	35.3
July	920.0	920.7	917.3	996.3	996.8	991.1	23.8	25.0	32.5	83.1	78.3	52.4
August	921.5	922.4	919.0	998.0	998.6	993.2	23.6	24.6	31.8	86.7	83.2	56.6
September	926.1	927.1	923.3	1003.8	1004.6	998.0	20.5	21.5	30.6	82.3	79.0	47.3
October	----	932.6	928.8	1010.8	----	1005.3	----	15.0	25.5	----	76.8	43.1
November	----	935.4	931.7	1015.6	----	1010.3	----	9.0	19.3	----	81.8	48.4
December	----	936.5	933.2	1017.7	----	1013.5	----	5.4	14.1	----	83.5	55.4
Annual	*****	929.6	926.2	1006.7	*****	1003.0	*****	15.7	24.1	*****	74.5	46.0

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	9.8	3.2	-3.0	2/2008	16.4	27.0	5/1988	----	0.4	1.0	----	S29E	S
February	11.8	5.5	0.0	9/2008	18.1	29.4	29/2008	----	0.8	1.5	----	S41E	S58W
March	16.2	9.7	2.5	4/2003	22.7	36.1	19/2010	----	1.3	1.9	----	S35E	N73W
April	21.4	14.2	6.5	8/1996	28.6	40.5	29/1988	1.2	1.4	2.1	S40E	S33E	W
May	26.2	18.5	7.0	9/1997	33.9	46.5	31/1988	1.2	1.3	2.2	S40E	S35E	S15W
June	29.3	21.6	14.4	1/1986	37.1	46.2	17/1995	0.7	0.9	2.2	S36E	S31E	S
July	28.7	22.6	15.5	25/1993	34.9	43.5	5/1987	0.4	0.4	1.4	S	S26E	S44W
August	28.3	22.7	16.0	28/1997	33.9	40.2	14/2009	0.2	0.3	1.6	S	S20E	W
September	26.5	19.5	12.4	30/1991	33.4	39.0	7/1987	0.3	0.3	1.4	S31E	S30E	N82W
October	21.6	13.3	6.5	23/1990	30.0	38.3	1/2009	----	0.5	0.9	----	S22E	S67W
November	16.0	7.8	1.0	28/2003	24.3	33.0	1/2007	----	0.3	0.6	----	S28E	S
December	11.2	4.2	-1.4	21/2005	18.1	27.0	4/1988	----	0.4	0.5	----	S38E	S
Annual	20.4	13.5	-3.0	2/1/2008	27.3	46.5	31/ 5/1988	*****	0.8	1.5	*****	S32E	S68W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)			
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC	12 UTC
		Amount	Year	Amount	Year		Extreme	Date					
28	29	30	31	32	33	34	35	36	37	38	39	40	
January	99.3	273.8	1992	2.3	2001	6.6	82.6	30/1992	----	----	3.7	4.1	
February	145.3	357.0	2003	10.4	2001	9.2	113.9	18/2003	----	----	4.2	4.9	
March	165.8	534.7	1993	8.8	2004	11.5	182.7	23/1993	----	----	4.0	5.2	
April	107.1	204.5	1987	3.6	1986	11.2	73.7	21/1981	----	----	3.2	3.3	4.8
May	80.3	241.5	1987	19.1	1990	10.4	89.8	2/1989	----	----	2.9	2.5	4.4
June	115.9	330.7	2008	19.4	1981	11.4	123.7	15/2008	----	----	2.9	2.4	4.2
July	349.3	702.5	1988	74.7	2002	17.6	175.3	4/1988	----	----	5.0	4.4	4.4
August	213.2	533.2	1997	59.8	1993	15.6	125.0	9/1997	----	----	5.0	4.3	4.0
September	109.6	335.2	1992	18.3	1994	8.3	200.5	10/1992	----	----	2.7	2.5	3.0
October	39.5	132.8	2004	0.0	2007	4.8	63.3	17/1986	----	----	1.4	2.3	
November	38.7	176.1	1986	0.0	1987	3.1	97.8	20/1992	----	----	2.1	2.5	
December	77.2	327.7	1990	0.0	3 Years	5.6	92.2	12/1986	----	----	3.4	3.7	
Annual	1526.7	2153.2	2006	970.1	2001	115.3	200.5	10/9/1992	----	*****	3.2	4.0	

BARKHAN

Period : 1981-2010

WMO NO: 41685

ICAO ID: N/A

Elevation: 1097 m

Latitude: 29° 53' N Longitude: 69° 43' E

Established in 1963

Height => Barometer Cistern(amsl) = 1098 m. Anemometer (agl) = 11.1 m. Steven Screen (amsl/agl)= 1097 m /1.22 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	892.5	893.3	891.9	1495.8	1505.3	1502.2	6.1	6.4	15.1	53.9	50.0	29.6
February	891.0	891.9	890.1	1482.5	1491.2	1490.8	8.1	8.5	17.5	52.6	48.3	29.3
March	889.6	890.7	888.9	1478.6	1490.5	1483.5	13.0	14.3	22.7	52.3	47.3	26.8
April	887.7	888.8	886.8	1468.2	1481.1	1471.7	18.4	20.8	28.6	43.7	38.2	23.1
May	884.8	885.9	882.8	1445.3	1459.9	1449.1	23.4	26.6	33.9	39.4	33.0	20.4
June	881.3	882.3	880.2	1413.5	1426.7	1410.4	25.4	28.8	34.8	49.8	42.4	27.0
July	880.2	881.3	879.4	1402.5	1414.2	1403.7	25.0	27.6	33.1	70.3	61.8	42.1
August	882.3	883.2	881.6	1419.7	1430.9	1420.8	24.1	26.3	31.9	76.1	67.8	45.3
September	885.9	887.0	885.0	1454.2	1466.8	1456.2	21.6	24.0	31.7	67.2	58.7	32.8
October	890.5	891.7	889.7	1492.4	1504.8	1499.0	17.4	19.2	28.0	48.8	42.7	24.2
November	892.8	893.9	892.1	1507.1	1519.5	1515.4	11.9	13.4	22.5	48.0	42.2	25.8
December	891.3	894.2	892.6	1506.1	1515.8	1513.1	7.6	8.6	17.3	50.6	46.3	29.2
Annual	888.1	889.0	887.0	1467.0	1478.0	1470.5	16.8	18.6	26.1	53.3	47.7	29.9

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	10.4	3.9	-4.0	8/2006	21.7	25.5	13/2004	2.7	2.6	2.9	N	N	S49W
February	12.4	5.9	-2.2	20/1984	23.9	28.9	11/1993	2.7	2.3	3.5	N	N 2E	S40W
March	17.5	11.2	3.4	1/1995	29.8	35.0	20/2010	2.4	2.1	3.9	N 4W	N	S40W
April	23.4	16.5	6.1	10/1991	36.0	38.5	27/1996	2.5	1.9	4.2	N 5W	N 4W	S34W
May	28.6	21.5	10.5	29/2007	40.0	43.0	27/2010	2.6	1.9	4.4	N 4W	N 5W	S41W
June	30.8	24.0	14.0	4/2007	42.1	44.2	20/1986	1.3	1.2	4.6	N 4E	N	S14W
July	29.6	23.5	15.7	4/1989	40.0	43.3	3/2002	0.6	0.8	4.1	N	N29E	S 7W
August	28.7	22.8	14.5	8/2005	37.8	41.6	29/1987	0.6	0.4	3.8	N17E	N36E	S11W
September	27.1	20.3	10.0	30/2007	36.9	40.8	8/1988	0.9	0.8	3.7	N 6E	N 5E	S14W
October	22.8	15.4	7.5	31/2007	34.2	37.0	1/2009	2.3	1.9	2.8	N	N	S29W
November	17.2	9.9	1.8	30/1995	29.5	33.6	1/1996	2.8	2.6	2.7	N	N	S35W
December	12.5	5.6	-2.0	16/1986	24.0	28.3	18/1998	2.7	2.4	2.2	N	N 2E	S46W
Annual	21.9	15.4	-4.0	8/1/2006	33.1	44.2	20/ 6/1986	2.3	2.0	3.9	N	N	S29W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	12.1	50.9	1992	0.0	4 Years	1.4	22.4	15/1993	226.1	1.5	1.9	2.2
February	20.7	82.0	2005	0.0	2 Years	2.2	27.8	18/1994	216.7	1.7	2.0	2.8
March	35.2	137.6	1989	0.0	2004	2.9	46.9	31/1989	245.1	1.9	2.2	3.1
April	31.3	134.1	1995	0.0	1999	3.3	57.2	9/1983	268.5	1.4	1.7	3.1
May	27.3	151.0	2006	0.0	3 Years	2.9	55.0	8/1981	305.3	0.8	0.9	2.8
June	47.0	170.3	1997	6.2	1981	4.2	61.0	15/1993	256.7	1.0	0.9	3.4
July	98.7	229.1	1994	15.0	2002	6.2	88.0	23/2009	224.6	2.4	2.2	4.0
August	89.6	294.3	1984	5.0	2009	4.6	104.2	23/1984	243.7	1.9	1.9	3.8
September	34.7	135.5	1994	0.0	2 Years	2.5	78.5	6/1994	266.4	0.7	0.6	2.5
October	10.2	144.4	1997	0.0	16 Years	0.9	48.0	18/1997	285.1	0.3	0.4	1.2
November	4.0	26.0	1997	0.0	16 Years	0.5	14.5	1/1990	265.7	0.6	0.9	1.3
December	7.9	50.0	2006	0.0	10 Years	0.7	24.0	31/2004	241.1	1.3	1.6	1.9
Annual	418.8	784.0	2006	98.1	2002	32.3	104.2	23/ 8/1984	3114.5	1.4	1.5	2.7

DALBANDIN

Period : 1981-2010

WMO NO: 41712

ICAO ID: OPDB

Elevation: 848 m

Latitude: 28° 53' N Longitude: 64° 24' E

Established in 1911

Height => Barometer Cistern(amsl) = 850 m, Anemometer (agl) = 07 m, Steven Screen (amsl/agl)= 848 m /1.22 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	921.4	922.3	920.3	1500.2	1509.3	1517.0	5.2	4.6	16.5	63.6	66.8	32.5
February	919.4	920.3	918.2	1489.9	1500.2	1504.8	8.0	7.7	20.4	59.2	59.0	26.2
March	917.3	918.4	916.1	1484.4	1494.6	1499.0	13.1	13.3	25.8	52.4	51.1	22.9
April	915.0	916.2	913.3	1473.3	1488.8	1487.5	18.3	20.2	32.7	38.8	34.8	16.7
May	912.1	913.5	910.5	1458.8	1475.5	1472.1	23.4	26.5	38.1	30.1	25.6	14.1
June	907.5	908.6	905.7	1419.2	1436.0	1429.9	26.7	30.0	41.4	24.2	21.2	11.6
July	905.2	906.3	903.4	1360.1	1415.6	1408.8	28.5	30.8	42.1	26.8	23.9	13.7
August	907.5	908.6	905.7	1422.8	1430.6	1446.3	26.5	28.2	40.0	26.2	24.9	13.1
September	912.7	913.8	911.1	1458.4	1472.9	1475.9	20.9	22.9	37.4	25.7	22.0	10.5
October	918.5	919.9	917.2	1500.5	1513.7	1518.7	15.0	16.1	31.4	33.2	29.3	14.0
November	921.4	922.5	919.9	1512.9	1524.9	1535.1	9.6	9.9	25.0	44.4	41.6	19.3
December	922.4	923.3	921.1	1512.5	1518.2	1532.0	5.4	5.1	19.1	61.5	61.1	30.0
Annual	914.9	916.2	913.6	1467.5	1482.3	1485.7	16.3	18.0	30.3	41.4	38.2	18.7

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	10.5	2.3	-11.0	7/2006	18.4	29.5	19/1999	0.8	1.1	3.6	N50E	N45E	N71E
February	13.2	5.1	-8.5	21/1984	21.4	34.0	29/2008	0.9	1.1	3.8	N45E	N45E	S45E
March	18.6	10.3	-1.5	10/1995	26.9	38.5	18/2010	1.1	1.4	4.4	N43E	N39E	S14W
April	24.8	16.1	3.0	6/1994	33.7	42.5	29/2001	1.0	1.3	4.3	N36E	N47E	S34W
May	30.1	21.2	7.0	3/1989	39.5	46.0	25/2010	0.8	1.4	4.3	N	N36E	S71W
June	33.4	24.5	14.3	6/2000	42.6	50.0	26/2008	0.9	1.4	4.2	N82W	S61W	S85W
July	34.9	26.4	16.0	19/2000	43.2	51.4	1/1990	1.1	1.6	4.2	S69W	S52W	S50W
August	32.9	23.9	12.8	27/1985	41.9	49.0	3/2009	1.0	1.3	4.0	S74W	S64W	S42W
September	28.6	18.4	8.0	23/1982	38.7	45.5	8/2005	0.7	1.1	3.2	N22E	N33E	S16W
October	22.5	12.2	3.4	19/1992	33.0	42.0	1/2005	0.6	0.9	3.0	N33E	N40E	S71E
November	16.9	7.0	-3.0	30/2005	27.0	35.6	7/2008	0.7	0.9	2.9	N44E	N45E	E
December	11.9	3.2	-10.0	15/2003	20.7	30.0	7/2003	0.8	1.1	3.4	N47E	N45E	N67E
Annual	23.0	14.2	-11.0	7/1/2006	31.7	51.4	1/7/1990	0.8	1.1	3.9	N19E	N36E	S13W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	17.3	70.0	2008	0.0	4 Years	2.0	31.0	25/2009	249.1	1.8	2.7	2.8
February	16.7	61.3	1990	0.0	7 Years	1.9	33.8	17/1990	238.3	1.8	2.4	2.8
March	20.8	81.5	1987	0.0	7 Years	2.2	35.3	28/2003	252.7	1.9	2.3	3.1
April	5.6	33.5	1992	0.0	9 Years	1.0	23.1	21/1992	285.8	1.1	1.5	2.9
May	1.5	11.5	1983	0.0	16 Years	0.5	6.2	13/1983	301.1	0.8	0.9	2.6
June	4.0	103.2	2007	0.0	22 Years	0.1	52.2	27/2007	310.9	0.6	0.6	1.5
July	4.0	87.4	2003	0.0	23 Years	0.3	83.8	8/2003	305.5	0.8	1.0	1.6
August	0.7	14.3	1983	0.0	24 Years	0.1	10.6	12/1983	308.7	0.7	0.8	1.4
September	0.1	4.0	1988	0.0	27 Years	0.1	4.0	2/1988	295.5	0.2	0.4	0.6
October	1.4	10.2	1982	0.0	23 Years	0.3	10.0	8/1992	307.7	0.3	0.4	0.8
November	3.4	42.9	1997	0.0	21 Years	0.2	24.0	24/1997	288.6	0.8	1.1	1.5
December	11.1	81.6	1995	0.0	10 Years	1.0	36.0	29/2004	250.2	1.5	1.8	2.2
Annual	85.5	203.7	1982	3.5	2000	9.4	83.8	8/7/2003	3433.3	1.1	1.4	2.0

JIWANI

Period : 1981-2010

WMO NO: 41756

ICAO ID: OPJI

Elevation: 56 m

Latitude: 25° 04' N Longitude: 61° 48' E

Established in 1938

Height => Barometer Cistern(amsl) = 57 m, Anemometer (agl) = 06 m, Steven Screen (amsl/agl)= 56 m/1.22 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1009.5	1010.7	1008.9	1016.0	1017.4	1015.5	16.4	16.1	23.2	69.7	67.8	45.4
February	1007.6	1008.8	1006.9	1014.2	1015.4	1013.4	17.7	17.5	24.2	75.2	72.8	49.1
March	1004.8	1006.0	1004.3	1011.4	1012.5	1010.7	20.5	20.8	26.6	81.4	77.9	52.3
April	1001.6	1002.6	1000.8	1007.8	1009.0	1007.1	23.7	24.9	30.3	82.2	77.4	51.4
May	997.4	998.7	996.7	1003.8	1005.0	1003.0	26.7	28.3	32.7	86.5	80.3	57.8
June	992.9	994.0	991.8	999.3	1000.3	998.0	28.3	29.5	32.7	86.9	80.8	65.4
July	991.9	992.9	990.8	998.3	999.2	997.1	28.0	28.8	30.9	83.5	79.4	69.3
August	994.4	995.5	993.3	1000.8	1001.8	999.6	26.8	27.6	29.7	83.7	80.2	70.6
September	998.8	1000.1	997.8	1005.2	1006.5	1004.2	25.7	26.5	30.0	86.3	82.2	67.0
October	1004.0	1005.3	1003.2	1010.4	1011.8	1009.5	23.7	24.3	30.5	84.3	80.4	53.8
November	1007.5	1008.6	1006.7	1014.1	1015.4	1013.2	20.6	20.8	28.0	77.4	73.5	48.4
December	1009.7	1010.9	1008.8	1016.3	1017.5	1015.3	17.8	17.5	25.7	71.4	69.7	47.8
Annual	1001.8	1003.0	1001.0	1008.2	1009.4	1007.4	22.8	23.5	28.5	80.9	76.8	56.8

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	19.1	13.8	2.3	31/2001	24.3	31.0	14/2004	2.9	3.0	6.2	N 6W	N 5E	S41W
February	20.3	15.0	1.3	1/2001	25.6	33.0	27/2008	2.9	3.0	7.0	N32W	N16W	S38W
March	23.4	18.2	8.0	4/2003	28.5	40.5	29/1998	2.6	2.7	7.6	N75W	N69W	S35W
April	26.6	21.6	12.5	30/2004	32.2	44.7	6/2001	2.8	3.3	8.4	S85W	S87W	S43W
May	29.7	24.9	15.5	(2)/2001	34.5	45.7	25/1992	2.1	3.3	8.7	S53W	S42W	S25W
June	30.5	26.6	20.0	(2)/2000	34.3	45.1	1/2006	2.5	3.6	9.3	S	S 2E	S 8W
July	29.4	26.6	20.8	12/2001	32.4	42.5	14/1987	3.4	4.0	9.2	S18E	S24E	S 9E
August	28.3	25.6	20.5	(4)/1999	31.3	39.5	11/1993	3.3	3.5	8.9	S16E	S18E	S 6E
September	27.8	24.3	18.0	26/2004	31.6	40.4	9/1992	1.8	2.2	7.6	S	S	S 9W
October	27.2	21.6	13.5	18/1987	32.8	41.0	1/1999	1.6	1.8	6.7	N58W	N38W	S22W
November	24.0	18.1	5.5	27/2003	30.0	36.5	(2)/2008	1.9	2.2	5.9	N18W	N11W	S30W
December	20.7	15.1	0.5	15/2003	26.3	33.1	8/2005	2.8	3.0	5.5	N 2W	N 5E	S33W
Annual	25.4	20.8	0.5	15/12/2003	30.2	45.7	25/ 5/1992	2.6	3.3	8.2	S60W	S43W	S19W

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	24.2	139.0	1982	0.0	9 Years	1.3	58.0	30/1982	258.2	1.5	2.1	2.2
February	27.7	265.5	1986	0.0	15 Years	0.6	145.8	21/1987	244.3	1.5	1.9	1.9
March	15.6	120.0	2005	0.0	12 Years	0.9	116.0	2/2005	254	1.5	2.2	2.1
April	3.4	50.0	1994	0.0	19 Years	0.1	50.0	14/1994	276.7	1.2	1.7	1.5
May	0.2	5.4	1982	0.0	29 Years	0.1	5.0	2/1982	309.3	1.2	1.6	0.8
June	9.9	194.0	2010	0.0	25 Years	0.2	165.0	6/2010	258.2	2.2	2.8	1.1
July	3.1	39.7	1995	0.0	23 Years	0.3	35.2	23/1995	190.8	4.2	4.7	2.6
August	2.6	29.8	1983	0.0	20 Years	0.5	14.8	5/1983	180.4	5.0	5.4	2.8
September	0.0	0.0	2010	0.0	29 Years	0.0	0.0	0/2010	229.3	3.0	3.5	1.3
October	1.4	39.4	1997	0.0	28 Years	0.1	12.4	25/1997	281.7	0.6	1.1	0.4
November	3.5	35.0	1986	0.0	24 Years	0.3	35.0	25/1986	288	0.5	1.0	0.9
December	23.1	142.8	1989	0.0	11 Years	1.3	71.2	6/1997	254.7	1.3	2.0	1.9
Annual	115.4	386.4	1982	6.0	2000	5.7	165.0	6/6/2010	3055.9	1.8	2.4	1.5

KALAT

Period : 1981-2010

WMO NO: 41696

ICAO ID: OPKL

Elevation: 2015 m

Latitude: 29° 02' N Longitude: 66° 35' E

Established in 1896

Height => Barometer Cistern(amsl) = 2017 m, Anemometer (agl) = 07 m, Steven Screen (amsl/agl)= 2015 m / 1.22 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	799.7	801.0	799.9	1543.3	1554.9	1528.1	-2.6	-1.6	8.6	76.8	75.1	44.7
February	799.6	800.6	799.0	1539.8	1546.7	1511.9	-0.4	1.2	11.0	74.2	72.1	43.6
March	799.5	800.5	799.1	1532.6	1536.9	1507.7	4.0	5.9	15.5	71.5	65.0	37.6
April	799.7	800.4	799.0	1526.7	1528.7	1498.9	7.8	11.9	21.3	63.0	52.2	28.5
May	798.7	799.6	797.3	1512.5	1510.4	1479.5	11.6	17.4	26.4	54.2	42.2	21.8
June	796.0	796.6	795.1	1477.0	1472.8	1441.3	14.8	20.5	29.7	48.7	39.6	19.3
July	794.4	795.1	793.2	1452.6	1453.7	1423.0	17.3	21.3	29.8	57.8	50.2	26.2
August	795.8	796.4	795.0	1472.3	1472.8	1437.5	15.7	19.5	29.5	58.4	50.9	23.3
September	799.0	799.7	798.3	1514.4	1514.9	1482.5	10.5	14.6	26.6	53.5	43.7	20.6
October	802.4	803.1	801.7	1559.0	1560.9	1525.6	4.5	7.8	20.9	57.0	46.7	23.2
November	802.9	803.8	802.2	1572.0	1576.8	1540.4	0.7	2.8	15.8	64.7	57.9	27.2
December	801.9	802.6	801.3	1566.2	1571.1	1541.4	-1.7	-0.5	10.7	72.3	69.5	39.0
Annual	799.1	799.8	798.3	1523.4	1525.1	1495.0	7.1	10.4	20.1	64.5	57.2	31.2

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	2.8	-4.3	-16.0	7/2006	10.0	21.2	27/1987	1.1	1.3	3.8	S29W	S25W	N69W
February	5.3	-1.7	-14.5	7/2008	12.4	25.0	16/2004	1.1	1.3	3.9	S30W	S30W	N76W
March	9.0	2.9	-8.0	19/1986	16.4	29.0	9/2004	0.9	1.3	4.3	S52W	S29W	N84W
April	14.4	6.6	-3.7	7/1994	22.5	31.7	13/2000	0.7	1.2	4.5	S20W	S32W	N69W
May	18.8	10.2	-2.8	3/1989	27.7	35.5	11/2000	0.5	1.1	4.4	S26W	S46W	N45W
June	22.3	13.5	5.7	3/1988	31.2	38.5	(2)/2001	0.5	0.7	3.9	S23W	S39W	N31W
July	24.3	16.5	8.9	8/1987	32.1	37.0	11/2006	0.6	0.7	4.1	S16W	S32W	N32W
August	22.8	14.5	6.5	31/1997	31.1	36.0	(2)/2009	0.4	0.6	3.4	S13W	S19W	N25W
September	18.6	9.0	-0.6	22/1994	28.3	33.7	23/2001	0.5	0.8	3.3	S11W	S20W	N29W
October	13.0	3.2	-8.0	18/1987	22.7	29.8	1/1992	0.6	0.9	3.4	S	S14W	N28W
November	8.3	-1.0	-10.8	27/1988	18.3	27.0	7/2008	0.7	0.9	2.8	S	S11W	N43W
December	4.9	-3.9	-16.9	13/1986	12.5	21.7	1/1994	0.8	1.1	3.2	S26W	S24W	N62W
Annual	13.4	5.2	-16.9	13/12/1986	21.7	38.5	(2)/ 6/2001	0.9	1.3	4.1	S22W	S25W	N48W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	40.9	133.4	2008	0.0	1981	3.3	49.0	25/2009	-----	2.1	2.2	2.8
February	37.3	168.2	2005	0.0	2 Years	3.3	54.0	22/1996	-----	2.1	2.2	3.0
March	31.6	105.0	1998	0.0	4 Years	3.8	46.7	11/1988	-----	1.7	2.0	3.0
April	8.4	34.3	1985	0.0	5 Years	2.1	26.9	1/1985	-----	0.9	1.2	2.8
May	4.2	49.0	1999	0.0	10 Years	1.1	28.0	21/1999	-----	0.4	0.5	2.1
June	8.9	95.8	2007	0.0	12 Years	1.1	37.3	29/2007	-----	0.4	0.4	1.9
July	21.9	90.1	1988	0.0	6 Years	2.2	40.0	17/2003	-----	1.2	1.3	3.0
August	11.8	75.8	1986	0.0	7 Years	1.3	42.4	3/1985	-----	0.8	1.0	2.5
September	0.6	13.7	1994	0.0	17 Years	0.1	8.3	6/1994	-----	0.1	0.1	1.0
October	4.4	104.9	1997	0.0	22 Years	0.1	52.0	13/1996	-----	0.1	0.3	0.6
November	6.6	72.1	1997	0.0	14 Years	0.5	39.4	25/1997	-----	0.7	0.9	1.6
December	39.4	546.0	1997	0.0	7 Years	1.9	34.2	3/2006	-----	1.6	1.9	2.1
Annual	222.4	976.9	1997	0.0	1981	20.8	54.0	22/ 2/1996	-----	1.2	1.3	2.3

KHUZDAR

Period : 1981-2010

WMO NO: 41744

ICAO ID: OPKH

Elevation: 1231 m

Latitude: 27° 50' N Longitude: 66° 38' E

Established in 1965

Height => Barometer Cistern(amsl) = 1232 m, Anemometer (agl) = 02.7 m, Steven Screen (amsl/agl) = 1231 m / 1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	877.3	878.4	876.2	1487.6	1498.0	1486.2	5.6	5.9	16.5	59.6	59.2	27.3
February	875.8	877.1	875.0	1478.2	1486.6	1475.1	7.6	8.3	18.9	57.1	54.5	25.5
March	874.6	876.5	873.8	1471.4	1481.6	1468.6	12.5	13.7	23.5	50.3	47.5	21.9
April	873.6	874.7	872.1	1463.2	1475.5	1456.9	17.8	20.3	29.0	43.3	39.1	17.8
May	871.3	872.6	869.8	1443.9	1457.9	1435.9	23.0	25.9	34.2	39.7	33.8	15.6
June	867.4	868.5	865.7	1407.8	1420.3	1396.3	25.6	28.2	36.6	46.2	41.6	18.5
July	866.0	866.9	864.6	1393.1	1368.5	1382.6	25.6	27.2	35.1	61.9	57.4	28.2
August	867.8	868.6	866.1	1409.6	1418.5	1398.1	24.6	25.9	33.9	65.9	60.7	30.8
September	872.3	873.5	870.8	1446.7	1457.2	1434.8	21.9	23.9	32.9	52.0	46.5	19.5
October	876.1	877.5	874.7	1485.4	1500.0	1482.8	16.1	17.7	28.8	42.3	37.6	17.5
November	878.2	879.1	876.7	1499.8	1511.5	1499.0	10.5	11.6	23.7	49.5	45.7	20.3
December	878.3	879.4	875.1	1496.2	1509.4	1497.3	6.7	7.4	18.9	57.6	54.2	25.4
Annual	873.5	874.6	872.1	1457.9	1469.6	1452.0	16.2	17.8	27.4	52.3	48.2	21.8

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	10.6	3.7	-8.0	16/1996	17.6	27.1	27/1987	1.9	1.6	4.6	N48W	N41W	S70W
February	13.0	6.1	-4.5	6/2008	19.7	30.0	29/2008	1.9	1.8	5.3	N46W	N41W	W
March	17.8	11.0	2.5	14/1992	24.5	34.0	19/2010	2.1	1.8	5.7	N51W	N44W	W
April	23.2	16.4	6.0	8/1998	30.4	38.5	30/1996	2.0	1.8	5.8	N48W	N42W	W
May	28.3	21.2	11.0	30/1992	35.3	41.7	31/1988	2.0	2.1	6.6	N47W	N39W	N62W
June	31.1	24.3	2.0	7/2009	38.0	46.2	19/1997	1.9	2.0	6.1	N57W	N54W	N72W
July	30.5	24.2	15.0	2/1997	37.1	47.7	18/1997	2.2	2.1	6.4	N75W	N75W	S 7E
August	30.4	23.1	15.0	28/1997	35.7	42.0	5/2009	2.0	1.8	5.4	N70W	N68W	S20E
September	27.1	20.5	10.5	26/1997	34.5	40.2	8/1988	1.6	1.3	4.8	N54W	N43W	S 9E
October	22.2	14.4	4.0	31/1995	30.1	36.5	1/1998	1.5	1.0	4.2	N38W	N26W	N76W
November	17.0	8.9	-3.8	29/1995	25.2	32.5	5/2008	1.0	0.9	3.6	N44W	N26W	S45W
December	12.4	5.0	-5.6	14/1986	20.0	30.0	19/1998	1.4	1.2	3.9	N42W	N33W	S64W
Annual	21.7	14.5	-8.0	16/ 1/1996	28.8	47.7	18/ 7/1997	2.3	2.0	5.8	N53W	N47W	S70W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	18.4	149.9	1992	0.0	4 Years	1.6	41.5	26/1992	261.1	1.4	1.7	2.3
February	28.2	104.8	2005	0.0	3 Years	2.3	51.0	24/1996	255.5	1.3	1.7	2.5
March	22.3	76.5	1989	0.0	5 Years	1.9	45.8	15/1989	260.9	1.4	1.8	3.1
April	16.2	73.9	1995	0.0	5 Years	1.7	42.0	18/1995	299.3	0.7	1.1	2.9
May	14.7	88.2	1987	0.0	7 Years	1.7	46.0	24/1996	321.2	0.4	0.5	2.6
June	13.5	137.2	2007	0.0	8 Years	1.5	40.0	10/1996	267.7	0.5	0.5	2.4
July	58.3	368.0	1995	0.0	2 Years	5.5	223.0	21/1995	254.9	1.7	1.8	3.7
August	59.9	222.9	1984	0.0	1998	3.9	60.2	6/1984	280.3	1.5	1.5	3.2
September	8.0	43.8	2005	0.0	9 Years	1.5	30.5	4/1983	296	0.3	0.4	1.6
October	7.0	87.0	1997	0.0	20 Years	0.2	55.0	26/1997	310.1	0.1	0.3	0.9
November	3.7	34.5	1997	0.0	17 Years	0.2	27.0	25/1997	286.7	0.5	0.7	1.2
December	17.7	109.7	2008	0.0	9 Years	1.4	60.4	6/2008	249.3	0.9	1.4	1.8
Annual	268.1	594.7	1994	52.3	2002	23.4	223.0	21/ 7/1995	3388.2	1.0	1.3	2.4

LASBELLA

Period : 1981-2010

WMO NO: 41742

ICAO ID: N/A

Elevation: 88 m

Latitude: 26° 14' N Longitude: 66° 19' E

Established in 1927

Height => Barometer Cistern(amsl) = 89 m, Anemometer (agl) = 07 m, Steven Screen (amsl/agl)= 88 m/1.22 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1005.4	1006.5	1003.9	1016.2	1017.3	1014.1	11.0	11.8	25.3	72.0	67.3	33.8
February	1003.8	1004.6	1001.7	1014.2	1015.2	1011.9	12.8	13.9	28.1	71.6	66.2	30.9
March	1000.6	1001.8	998.7	1011.1	1012.0	1008.6	17.5	19.2	32.7	75.0	66.8	30.6
April	996.7	998.2	994.7	1007.4	1008.4	1004.3	21.8	24.6	36.4	74.6	68.0	29.0
May	993.9	994.6	991.1	1003.6	1004.6	1000.3	26.0	28.4	38.9	79.6	72.0	34.8
June	989.3	990.0	986.9	999.3	1000.1	996.3	28.4	30.1	38.7	80.9	74.4	42.3
July	988.2	988.7	985.5	997.7	998.6	995.3	28.0	29.3	36.6	82.4	77.6	50.3
August	990.1	990.9	987.9	1000.1	1000.9	997.4	26.8	28.0	35.4	84.0	80.0	52.0
September	958.4	995.4	992.1	1004.4	1005.5	1001.8	25.3	26.9	35.7	83.3	79.0	43.8
October	999.4	1000.6	997.4	1009.7	1010.8	1007.2	20.9	23.1	36.0	75.8	68.5	28.7
November	1003.1	1004.3	1001.1	1013.6	1014.9	1011.4	15.9	17.6	31.5	71.0	63.4	29.2
December	1005.3	1006.4	1003.7	1016.0	1017.2	1014.0	12.0	13.2	26.9	72.2	66.7	33.3
Annual	992.6	998.4	995.5	1007.8	1008.6	1005.3	20.2	22.3	33.2	77.3	69.9	37.3

Month	Mean Temperature (°C)	Minimum Temperature (°C)				Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction			
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	
January	17.9	9.1	0.5	8/2006	26.7	34.5	14/2004	0.6	1.0	2.3	N17W	N14W	S10W	
February	20.0	11.0	0.0	8/2008	29.1	37.5	29/2008	0.5	1.2	3.0	N19W	N19W	S 5W	
March	24.7	15.8	7.5	15/1992	33.7	43.0	30/1984	0.5	1.0	4.1	N15W	N19W	S 2W	
April	29.5	20.3	12.4	9/1996	38.7	46.5	29/2002	0.2	0.5	5.2	N31W	N35W	S 3E	
May	33.1	24.7	13.2	1/2004	41.4	49.5	16/2009	0.3	0.6	6.7	S	S	S 5E	
June	34.0	27.1	20.5	6/2010	41.5	52.5	11/1991	0.3	0.6	6.7	S	S	S 6E	
July	32.9	26.8	20.4	2/1996	38.4	47.5	5/2002	0.2	0.5	6.2	S	S10E	S 9E	
August	31.5	25.7	20.0	31/2004	37.3	44.5	27/2000	0.2	0.4	5.5	S	S 7E	S 8E	
September	30.8	23.7	15.1	23/1994	38.0	44.4	25/1993	0.1	0.6	5.6	S	S	S 5E	
October	28.5	19.0	1.6	9/1996	38.0	45.0	2/2008	0.2	0.5	3.0	N24W	N25W	S	
November	23.9	14.0	4.5	30/2010	33.6	39.5	8/2007	0.5	0.7	2.0	N15W	N19W	S 3W	
December	19.5	10.2	-1.1	14/1986	28.8	35.0	9/2005	0.7	1.0	1.9	N17W	N17W	S 7W	
Annual	27.1	18.9	-1.1	14/12/1986	35.3	52.5	11/6/1991	0.3	0.6	4.3	N24W	N29W	S 2E	

Month	Mean	PRECIPITATION (mm)						Sunshine	Total Clouds (Oktas)			
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.		Hours	00 UTC	03 UTC	12 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	5.6	26.0	2000	0.0	11 Years	0.6	26.0	12/2000	259.3	1.0	1.5	1.8
February	11.7	68.2	2005	0.0	11 Years	0.8	60.2	11/2005	259.1	1.0	1.5	1.8
March	9.1	50.0	1992	0.0	11 Years	0.4	269.6	18/1997	281.4	0.9	1.4	1.8
April	7.2	42.0	1985	0.0	13 Years	0.7	36.0	2/1985	283.7	0.6	1.0	1.5
May	18.0	94.0	1987	0.0	10 Years	1.3	42.0	16/1996	277.5	1.2	1.1	1.3
June	10.0	77.0	1997	0.0	10 Years	1.4	47.2	28/2007	237.8	2.2	2.3	1.4
July	51.4	353.7	2003	0.0	6 Years	2.4	135.6	29/2003	205.2	3.6	4.4	2.5
August	32.7	156.9	1994	0.0	7 Years	2.1	56.3	3/2008	223.1	3.7	4.2	2.0
September	5.5	62.6	1994	0.0	20 Years	0.2	48.0	4/1983	260.9	1.6	1.8	0.8
October	3.8	50.0	1997	0.0	24 Years	0.2	18.0	13/1997	295.5	0.3	0.4	0.6
November	1.3	18.0	1989	0.0	25 Years	0.1	18.0	24/1989	289.3	0.3	0.5	0.7
December	7.9	124.5	2008	0.0	21 Years	0.4	55.4	7/2008	274.3	0.9	1.4	1.7
Annual	164.9	474.6	2003	0.0	1981	10.7	269.6	18/ 3/1997	3177.1	1.3	1.6	1.4

NOKKUNDI

Period : 1981-2010

WMO NO: 41710

ICAO ID: N/A

Elevation: 682 m

Latitude: 28° 49' N Longitude: 62° 45' E

Established in 1932

Height => Barometer Cistern(amsl) = 683 m. Anemometer (agl) = 11.1 m. Steven Screen (amsl/agl)= 679 m /1.22 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	937.5	938.5	936.4	1018.8	1019.8	1014.3	6.7	7.1	18.2	55.2	53.7	31.9
February	936.6	937.6	935.2	1015.6	1016.7	1011.2	9.4	10.0	21.7	49.9	48.4	28.4
March	934.2	935.5	932.9	1011.7	1012.9	1007.3	14.3	15.5	27.0	45.5	43.1	26.3
April	931.5	932.9	929.9	1007.2	1008.2	1002.5	20.8	22.8	33.4	37.3	34.3	21.1
May	928.6	929.7	927.1	1002.6	1003.3	998.1	26.0	28.9	38.9	28.2	26.1	16.9
June	924.0	925.0	922.5	997.0	997.2	992.5	29.1	32.0	41.8	25.5	22.8	15.8
July	921.7	922.8	920.5	992.9	994.9	990.0	30.2	32.7	42.3	27.4	25.2	17.3
August	923.6	924.6	922.6	996.5	997.5	992.2	28.6	30.4	41.0	26.8	24.6	15.0
September	928.9	930.1	928.2	1003.7	1004.6	997.3	24.0	25.8	37.7	27.9	26.0	15.1
October	935.3	936.5	934.0	1010.8	1012.8	1007.0	18.5	19.7	32.3	34.0	31.6	18.5
November	938.0	938.9	937.0	1016.3	1017.3	1011.5	12.8	13.5	26.4	41.0	39.5	22.7
December	939.2	940.5	938.3	1019.3	1020.3	1014.7	7.6	8.2	20.3	48.6	47.0	28.4
Annual	931.3	932.4	930.2	1007.5	1008.6	1003.1	18.4	20.4	31.5	41.0	38.2	23.6

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	12.0	4.7	-8.0	5/2006	19.3	29.4	6/1983	5.8	4.5	6.3	N18E	N30E	S47E
February	14.8	7.3	-8.3	20/1984	22.4	34.4	29/2000	6.6	5.2	7.7	N21E	N25E	S
March	20.1	12.5	-1.7	4/2003	27.8	38.6	18/2010	5.2	4.5	6.8	N 7E	N20E	N56W
April	26.7	19.1	5.5	27/1995	34.5	43.1	29/1987	7.1	5.0	7.4	N11W	N 2E	N70W
May	32.4	24.8	8.1	3/1989	39.8	47.5	14/1990	7.4	6.1	8.9	N25W	N16W	N52W
June	35.3	27.7	16.4	2/1987	42.8	49.6	26/1988	9.5	9.6	12.0	N37W	N34W	N42W
July	36.1	29.0	19.0	31/1981	43.2	50.6	2/2002	12.7	12.8	13.1	N39W	N34W	N45W
August	34.7	27.4	18.3	31/1997	42.0	47.8	2/1982	12.3	12.6	13.1	N37W	N32W	N43W
September	30.9	22.6	9.5	30/2003	38.8	46.7	2/2001	9.1	7.5	10.2	N30W	N19W	N42W
October	25.0	16.6	2.8	15/1991	33.5	41.9	2/2009	5.9	4.4	7.2	N17W	N	N52W
November	19.3	10.9	-1.6	14/2008	27.7	37.4	8/2009	4.8	3.2	4.5	N 8E	N25E	S16E
December	13.6	5.8	-6.1	30/2007	21.5	30.0	8/2001	5.1	4.2	5.4	N25E	N21E	S62E
Annual	24.8	17.0	-8.3	20/ 2/1984	32.6	50.6	2/7/2002	8.4	7.5	9.0	N14W	N 3W	N48W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	8.7	75.0	2008	0.0	7 Years	0.8	31.4	16/2008	248.6	1.6	2.0	2.3
February	9.7	94.0	2005	0.0	10 Years	1.1	45.0	12/1990	227.9	1.6	2.0	2.4
March	9.4	93.6	2005	0.0	10 Years	1.3	32.0	2/2005	251.8	1.8	2.1	2.8
April	1.7	24.8	1982	0.0	20 Years	0.4	21.0	22/1982	279.1	1.2	1.4	2.4
May	0.1	2.0	1997	0.0	23 Years	0.2	2.0	2/1997	304.5	0.6	0.7	1.6
June	2.6	80.0	2007	0.0	26 Years	0.2	6.6	27/2007	297.3	0.5	0.6	0.7
July	0.7	12.4	1995	0.0	28 Years	0.1	10.0	7/1994	276.4	0.6	0.7	0.7
August	0.3	10.5	1983	0.0	27 Years	0.1	10.0	9/1983	307.7	0.4	0.6	0.6
September	0.0	0.0	2010	0.0	30 Years	0.0	0.0	0/2010	294.3	0.1	0.2	0.3
October	0.1	1.0	2009	0.0	25 Years	0.1	1.0	3/1997	308.4	0.2	0.3	0.5
November	0.3	5.0	1997	0.0	24 Years	0.3	2.2	9/2002	277.7	0.7	1.0	1.4
December	2.2	31.8	2004	0.0	15 Years	0.6	17.0	27/2004	243.6	1.4	1.8	2.1
Annual	38.4	187.6	2005	0.0	1993	5.3	45.0	12/2/1990	3294.9	0.8	1.1	1.4

ORMARA

Period : 1981-2010

WMO NO: 41760

ICAO ID: OPOP

Elevation: 2 m

Latitude: 25° 13' N Longitude: 64° 37' E

Established in 1928

Height => Barometer Cistern(amsl) = 05 m. Anemometer (agl) = 02 m. Steven Screen (amsl/agl)= 02 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1015.1	1015.6	1012.9	1015.7	1016.2	1013.5	12.5	14.4	23.0	81.9	77.0	59.2
February	1013.0	1013.8	1011.1	1013.6	1014.4	1011.7	14.7	16.3	24.2	81.6	75.9	60.6
March	1010.1	1010.9	1008.5	1010.7	1011.5	1009.1	18.1	21.2	26.7	81.8	76.4	64.8
April	1006.5	1007.5	1005.3	1007.1	1008.1	1005.9	23.0	25.6	30.0	81.1	76.1	64.5
May	1003.5	1004.2	1001.9	1004.1	1004.8	1002.5	25.6	28.5	31.4	83.2	76.9	68.7
June	998.4	999.8	997.7	999.2	1000.5	998.4	27.6	29.9	31.9	85.5	78.9	73.3
July	997.7	998.7	996.8	998.5	999.4	997.5	27.0	29.3	31.2	87.4	79.9	73.6
August	999.7	1001.1	999.0	1000.5	1001.8	999.7	26.1	28.1	30.0	87.9	81.7	75.9
September	1003.1	1004.5	1002.2	1003.9	1005.2	1002.9	25.2	27.4	29.7	85.8	80.5	74.4
October	1008.9	1009.8	1007.3	1009.6	1010.5	1008.2	21.5	24.3	29.5	85.9	80.2	69.4
November	1012.0	1012.8	1010.0	1012.6	1013.6	1010.7	16.8	19.8	28.0	82.0	73.9	62.6
December	1014.5	1015.3	1012.5	1015.2	1015.9	1013.2	13.4	15.5	24.9	80.4	75.6	60.2
Annual	1006.9	1007.2	1004.9	1007.6	1007.8	1005.6	21.0	22.9	28.3	83.7	77.8	65.0

onth	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	17.2	10.3	1.0	30/2001	24.9	31.5	28/2000	1.6	2.6	7.2	N	N	S24W
February	19.0	12.0	0.0	5/2008	26.3	33.5	26/2001	2.0	2.9	8.2	N19W	N17W	S37W
March	23.1	16.9	8.0	5/2003	29.0	41.0	29/1998	2.3	3.4	11.3	W	N84W	S37W
April	26.5	20.4	15.0	2/2009	32.4	42.0	25/2008	2.4	3.6	13.6	S67W	S78W	S46W
May	28.5	23.7	15.0	3/2006	33.6	44.1	19/2002	3.3	4.5	11.4	S59W	S60W	S46W
June	29.8	25.8	18.5	21/2000	34.1	44.0	18/1996	3.9	5.3	11.4	S38W	S48W	S47W
July	29.4	25.5	20.0	7/2009	33.4	37.0	15/2009	2.9	4.6	11.7	S31W	S40W	S44W
August	28.4	24.7	21.0	23/2008	32.1	39.0	27/2000	2.5	4.6	11.4	S30W	S42W	S47W
September	27.5	23.1	11.5	30/2007	31.9	40.0	14/1998	2.7	4.6	11.8	S22W	S43W	S39W
October	26.0	19.6	9.5	12/2007	32.3	42.0	11/1998	1.1	1.9	8.7	N46W	N54W	S36W
November	22.7	14.9	5.5	16/2008	30.6	38.5	1/2005	1.1	1.7	7.9	N	N 5W	S27W
December	19.0	10.9	1.0	31/2007	27.1	33.5	4/2004	1.2	2.1	6.5	N	N 4E	S32W
Annual	25.3	19.6	0.0	5/2/2008	30.6	44.1	19/ 5/2002	2.3	2.1	8.6	S73W	S74W	S40W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	10.4	54.5	1996	0.0	7 Years	0.8	49.5	14/1996	-----	2.7	2.3	2.2
February	12.9	77.4	1982	0.0	11 Years	0.7	52.0	11/2005	-----	1.9	1.8	1.6
March	17.4	133.0	2007	0.0	11 Years	0.6	85.0	19/2007	-----	2.0	2.0	1.6
April	0.0	0.0	2010	0.0	17 Years	0.0	0.0	0/2010	-----	1.9	1.7	1.3
May	0.1	1.7	1996	0.0	16 Years	0.0	1.7	24/1996	-----	2.9	2.6	1.4
June	22.5	314.0	2007	0.0	13 Years	0.4	120.0	27/2007	-----	3.8	3.7	1.9
July	10.7	84.0	2010	0.0	8 Years	0.5	44.0	29/2010	-----	5.5	5.3	3.4
August	4.5	47.0	2007	0.0	10 Years	0.3	46.0	11/2007	-----	5.2	5.4	2.7
September	0.0	0.0	2010	0.0	15 Years	0.0	0.0	0/2010	-----	4.3	3.8	1.3
October	0.0	0.0	2010	0.0	16 Years	0.0	0.0	0/2010	-----	1.8	1.6	0.6
November	0.0	0.0	2010	0.0	15 Years	0.0	0.0	0/2010	-----	1.0	1.1	0.8
December	24.3	235.0	2006	0.0	7 Years	0.8	35.0	7/2008	-----	1.9	1.8	1.6
Annual	100.2	505.0	2007	0.0	1998	4.0	120.0	27/ 6/2007	-----	2.9	2.4	1.1

PANJGUR

Period : 1981-2010

WMO NO: 41739

ICAO ID: OPPG

Elevation: 980 m

Latitude: 26° 58' N Longitude: 64° 06' E

Established in 1911

Height => Barometer Cistern(amsl) = 981 m, Anemometer (agl) = 06 m, Steven Screen (amsl/agl)= 980 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	906.6	907.5	905.6	1502.7	1513.0	1515.1	5.8	6.5	17.0	68.9	65.4	40.7
February	905.2	906.1	904.1	1494.8	1504.5	1505.8	8.1	8.9	19.9	65.6	62.8	38.8
March	903.5	904.5	902.5	1488.0	1498.9	1500.4	12.9	14.2	25.0	61.4	57.9	35.8
April	901.7	902.7	900.3	1480.0	1493.4	1491.3	18.0	20.1	31.3	52.4	47.4	27.6
May	899.1	900.1	897.6	1463.1	1475.9	1473.9	22.8	25.9	36.2	50.7	47.0	28.4
June	896.6	894.4	893.7	1431.1	1444.9	1437.1	25.7	28.2	38.7	51.4	46.4	26.0
July	893.4	894.3	891.9	1415.8	1427.1	1417.3	26.1	27.8	38.3	62.5	59.0	29.3
August	895.2	896.3	893.8	1430.0	1441.5	1433.9	24.7	26.2	37.3	64.2	60.6	28.5
September	899.4	900.5	898.3	1464.8	1477.3	1474.1	21.1	22.8	34.8	54.6	50.1	26.1
October	903.4	905.4	903.3	1500.5	1511.7	1515.0	15.8	17.6	29.7	48.8	44.1	26.5
November	906.7	907.7	905.5	1513.1	1526.0	1526.8	10.6	12.2	24.5	54.5	48.8	30.2
December	907.3	908.3	906.4	1512.1	1522.9	1525.7	7.0	7.6	19.0	64.1	60.6	36.9
Annual	901.8	902.8	900.6	1477.1	1490.0	1487.2	16.4	18.0	28.9	61.2	57.3	34.0

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	11.3	4.2	-5.0	20/1989	17.7	27.0	13/2004	2.3	3.0	5.8	N50E	N58E	N75W
February	13.5	6.5	-2.5	19/2005	20.6	32.0	28/2009	2.4	3.1	6.5	N53E	N59E	N87W
March	18.6	11.4	-0.6	14/1992	25.8	35.5	16/2010	2.2	2.4	6.0	N57E	N61E	N87W
April	24.2	16.6	5.0	7/1994	31.9	39.5	29/2002	2.0	2.4	5.8	N53E	N56E	W
May	29.4	21.7	5.5	3/1989	37.1	43.5	26/2010	2.0	2.0	6.0	N46E	N47E	N66W
June	31.9	24.3	13.5	17/1989	39.6	45.5	23/1993	1.9	1.8	6.4	N12W	N18W	N46W
July	32.1	25.0	18.0	3/1998	39.2	45.5	2/1999	1.9	1.9	5.7	S73W	S77W	N76W
August	30.9	23.5	16.8	29/1982	38.2	45.0	6/2009	1.5	1.5	4.8	N82W	W	N61W
September	27.7	19.7	10.0	13/2003	35.8	41.5	6/2001	1.8	1.9	4.5	N42E	N59E	N42W
October	22.7	14.5	5.3	18/1985	30.9	38.5	1/2009	2.4	3.1	4.9	N53E	N56E	N21W
November	17.6	9.4	-1.0	28/1988	25.7	33.5	6/2007	2.6	3.1	4.7	N54E	N61E	N50W
December	12.7	5.3	-6.0	14/1986	20.1	27.5	8/2001	2.6	3.2	5.2	N53E	N59E	N67W
Annual	22.4	15.0	-6.0	14/12/1986	29.9	45.5	2/7/1999	1.8	2.3	5.3	N47E	N54E	N62W

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	13.1	48.5	1992	0.0	5 Years	1.3	37.0	29/1992	236.1	1.8	2.0	2.4
February	16.0	99.6	2005	0.0	7 Years	1.7	48.0	10/2005	222.3	1.6	1.8	2.3
March	15.2	67.3	1997	0.0	7 Years	1.5	35.0	2/2005	239.3	1.7	1.9	2.5
April	7.2	66.8	1997	0.0	18 Years	0.6	64.5	30/1997	268.4	0.8	1.0	2.1
May	2.9	19.9	1982	0.0	20 Years	0.5	14.0	14/2000	306.4	0.5	0.5	1.6
June	6.4	118.9	2007	0.0	20 Years	0.4	51.0	28/2007	282.2	0.6	0.7	1.3
July	11.9	114.2	1988	0.0	12 Years	1.4	42.5	2/1988	247.9	1.6	1.8	1.8
August	7.5	53.9	1986	0.0	18 Years	0.6	29.5	12/1986	254.0	1.3	1.4	1.4
September	2.1	25.0	1998	0.0	22 Years	0.4	24.1	9/1984	261.8	0.4	0.4	0.7
October	2.2	41.9	1997	0.0	26 Years	0.2	21.2	25/1997	281.2	0.2	0.3	0.7
November	1.8	37.5	1997	0.0	23 Years	0.3	27.8	24/1997	256.6	0.6	0.7	1.1
December	10.5	83.0	2006	0.0	14 Years	1.0	49.0	3/2006	239.4	1.4	1.7	2.0
Annual	96.6	304.3	1997	21.5	2000	9.8	64.5	30/4/1997	3199.5	1.1	1.2	1.7

PASNI

Period : 1981-2010

WMO NO: 41759

ICAO ID: OPPI

Elevation: 4 m

Latitude: 25° 16' N Longitude: 63° 29' E

Established in 1911

Height => Barometer Cistern(amsl) = 06.1 m. Anemometer (agl) = 06 m. Steven Screen (amsl/agl)= 04.4 m / 1.3 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1015.2	1015.9	1013.8	1015.9	1016.6	1014.5	13.8	14.6	23.5	70.9	69.6	49.4
February	1013.4	1014.2	1012.0	1014.2	1014.9	1012.7	15.3	15.8	24.9	73.8	71.8	49.0
March	1010.7	1011.5	1009.4	1011.4	1012.3	1010.1	18.3	19.2	27.6	78.2	74.6	52.9
April	1007.1	1008.0	1005.9	1007.8	1008.6	1006.5	22.0	24.0	30.6	78.0	75.5	56.2
May	1002.9	1004.0	1001.7	1003.6	1004.7	1002.3	25.9	27.8	32.7	83.7	78.2	60.2
June	998.6	999.4	997.0	999.3	1000.0	997.7	27.9	29.6	33.0	85.6	81.0	67.0
July	997.9	998.5	996.3	998.4	999.1	993.7	27.9	29.0	31.5	84.5	81.0	70.3
August	1000.1	1000.5	998.3	1000.9	1001.0	999.1	26.6	27.7	30.6	85.4	82.2	69.3
September	1004.4	1005.4	1002.8	1005.1	1005.8	1003.5	24.6	25.9	30.5	86.4	83.0	65.8
October	1009.5	1010.3	1007.9	1010.1	1010.9	1008.5	22.3	23.2	31.0	77.9	72.6	52.6
November	1013.2	1013.9	1011.5	1013.6	1014.8	1012.1	18.1	18.9	28.4	75.8	71.5	50.4
December	1015.3	1016.1	1013.8	1016.0	1016.8	1014.5	15.1	15.9	25.2	73.5	71.4	50.6
Annual	1007.3	1008.1	1005.7	1008.0	1008.8	1006.4	21.2	22.6	28.9	77.9	74.7	58.0

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	18.7	12.3	3.5	6/1999	25.1	31.0	13/2003	2.6	3.0	8.2	N12E	N 6E	S 8W
February	19.9	13.7	3.5	20/1984	26.7	34.0	26/2009	2.0	2.8	9.2	W	N36W	S30W
March	23.4	16.8	9.8	1/1985	30.1	41.0	28/1998	1.3	1.9	9.9	S78W	W	S40W
April	26.9	20.9	13.5	2/1992	33.6	44.0	27/1987	1.4	2.2	12.6	S61W	S77W	S45W
May	30.1	24.7	19.0	5/1993	35.4	47.0	19/2002	1.5	3.3	12.1	S49W	S62W	S43W
June	31.0	26.8	19.0	5/1987	35.3	47.0	23/1992	1.9	3.3	11.4	S32W	S40W	S37W
July	30.3	27.1	21.3	10/1987	33.4	41.9	13/1987	2.4	2.9	10.0	S31W	S34W	S32W
August	29.2	26.0	18.0	26/1986	32.4	39.0	26/2000	2.0	2.9	10.0	S42W	S45W	S36W
September	28.3	23.8	15.0	(3)/1995	32.8	42.5	15/1998	1.2	2.5	11.9	S58W	S61W	S42W
October	27.2	20.5	10.0	31/1984	34.1	42.5	2/2008	1.3	1.9	9.4	W	N68W	S31W
November	23.9	16.4	8.2	28/1988	31.2	40.3	9/1988	1.3	1.6	7.3	N18W	N	S26W
December	20.3	13.5	2.0	14/1986	27.1	35.0	9/2005	1.9	2.6	6.8	N10W	N	S9W
Annual	25.6	20.0	2.0	14/12/1986	31.3	47.0	19/ 5/2002	1.9	2.6	10.1	S64W	S77W	S34W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	24.4	154.0	1991	0.0	6 Years	1.4	131.8	6/1991	254.8	1.4	1.9	2.0
February	18.9	174.9	1982	0.0	11 Years	0.8	58.7	3/1982	222.1	1.1	1.6	1.7
March	20.1	197.9	1984	0.0	12 Years	0.8	76.2	16/1984	274.7	1.1	1.6	1.7
April	1.8	25.4	1982	0.0	24 Years	0.1	25.4	20/1982	283.3	0.7	1.6	1.1
May	0.6	14.0	1997	0.0	28 Years	0.1	14.0	2/1997	327.3	1.0	1.4	0.8
June	8.5	139.0	2010	0.0	25 Years	0.3	79.0	5/2010	289.0	1.7	2.2	0.9
July	6.9	57.0	1994	0.0	17 Years	0.7	43.0	5/1994	208.4	3.9	4.4	2.5
August	7.6	153.8	1983	0.0	19 Years	0.1	140.7	5/1983	229.0	4.2	4.8	2.2
September	0.7	20.0	1994	0.0	25 Years	0.2	12.0	3/1994	260.9	2.2	2.5	0.5
October	1.1	31.0	1997	0.0	27 Years	0.0	13.0	23/1997	299.7	0.6	0.7	0.4
November	0.9	22.0	1997	0.0	25 Years	0.1	16.0	22/1997	287.9	0.5	0.8	0.7
December	18.2	109.6	2006	0.0	12 Years	0.9	69.2	3/2006	150.3	0.9	1.5	1.7
Annual	110.1	356.2	1982	0.0	2000	5.5	140.7	5/8/1983	3093.8	1.3	2.0	1.2

QUETTA

Period : 1981-2010

WMO NO: 41660

ICAO ID: OPQT

Elevation: 1600 m

Latitude: 30° 15' N Longitude: 66° 53' E

Established in 1944

Height => Barometer Cistern(amsl) = 1601 m, Anemometer (agl) = 02 m, Steven Screen (amsl/agl)= 1600 m /1.42 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	842.2	843.6	841.7	1517.1	1527.6	1507.7	0.0	-0.5	10.0	78.1	79.4	44.8
February	841.3	842.0	840.4	1505.7	1513.4	1494.6	2.2	2.0	12.5	77.1	76.1	43.3
March	840.6	841.6	839.8	1498.1	1507.2	1486.4	6.5	7.3	17.6	73.0	69.7	40.2
April	839.8	840.9	838.7	1488.5	1498.1	1474.2	11.0	14.0	24.2	64.8	57.1	31.4
May	837.9	839.1	837.1	1466.9	1477.8	1452.8	15.2	20.4	29.9	55.7	44.4	25.7
June	834.6	835.6	833.4	1431.8	1439.6	1410.9	19.1	24.3	33.9	50.4	40.9	21.2
July	833.0	833.9	832.2	1412.8	1420.7	1389.2	22.2	25.3	34.9	56.1	50.2	23.7
August	834.6	835.4	833.0	1428.5	1436.7	1405.7	20.8	23.0	33.7	59.6	53.8	24.1
September	838.5	839.6	837.1	1473.5	1483.2	1452.8	14.6	17.1	29.4	59.4	51.5	21.5
October	842.8	843.9	841.7	1519.2	1529.3	1503.5	7.7	9.8	23.9	60.2	52.4	23.2
November	844.3	845.3	843.1	1534.7	1544.4	1519.6	3.0	3.6	18.0	66.8	63.6	29.2
December	844.1	844.8	843.0	1532.5	1540.4	1520.4	0.4	0.6	12.5	74.4	74.3	39.8
Annual	839.2	840.2	838.1	1481.6	1490.4	1465.8	9.9	12.0	23.0	64.7	59.3	30.4

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	4.7	-1.9	-13.0	7/2006	11.4	23.6	28/1987	4.1	3.9	9.5	S36E	S40E	N69W
February	7.0	-0.2	-11.9	22/1984	13.8	26.6	16/2002	4.8	4.4	11.8	S31E	S42E	N84W
March	12.0	4.5	-5.6	14/1992	19.2	31.1	19/2010	4.9	4.3	13.5	S31E	S40E	S85W
April	17.5	9.3	-2.0	4/1981	25.8	34.5	26/1984	4.2	3.9	14.9	S42E	S40E	S88W
May	22.5	13.7	-0.3	3/1989	31.4	39.4	11/2000	4.2	4.0	17.2	S41E	S31E	N86W
June	26.6	17.7	9.0	4/1983	35.4	41.5	(4)/2005	5.4	4.3	15.1	S55E	S56E	N84W
July	28.7	20.9	12.8	9/1987	36.5	42.0	10/1998	7.6	5.5	15.0	S55E	S59E	S81W
August	27.2	19.2	9.6	28/1982	35.3	40.0	5/2009	6.0	4.0	12.9	S57E	S56E	W
September	22.3	12.6	3.3	30/2003	32.0	38.0	2/1983	3.7	2.0	12.5	S51E	S52E	N75W
October	15.8	5.7	-3.4	19/1985	25.5	34.0	1/1998	2.3	1.5	12.1	S46E	S58E	N67W
November	10.9	1.1	-9.0	30/1995	20.1	36.0	3/1998	2.6	1.9	9.6	S43E	S53E	N64W
December	6.3	-1.4	-12.2	14/1986	14.3	24.5	20/1998	3.4	3.0	8.7	S40E	S47E	N64W
Annual	16.5	8.1	-13.0	7/1/2006	24.8	42.0	10/7/1998	4.4	3.4	12.5	S47E	S50E	N79W

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	55.3	178.0	1982	4.2	1986	7.0	69.0	30/1982	210.1	2.5	3.1	3.6
February	53.3	189.2	1982	0.0	1985	7.6	54.0	17/2003	205.3	2.8	3.4	4.1
March	53.2	232.4	1982	3.0	2000	8.6	75.0	31/1985	237.2	2.9	3.3	4.3
April	22.9	158.7	1992	0.0	3 Years	4.7	49.0	12/1983	260.7	2.2	2.6	4.2
May	7.2	30.5	2005	0.0	7 Years	3.5	28.0	25/2003	336.6	1.3	1.3	2.7
June	2.8	61.0	2007	0.0	18 Years	1.2	20.0	29/2007	303.2	0.8	0.7	1.8
July	11.2	85.0	1995	0.0	12 Years	2.0	42.0	24/1995	303.1	1.8	1.6	3.0
August	13.1	173.0	1983	0.0	12 Years	1.9	102.0	3/1983	297.8	1.4	1.6	2.6
September	2.3	62.0	1994	0.0	22 Years	0.4	28.0	5/1994	305.3	0.4	0.4	1.1
October	5.7	68.8	1982	0.0	20 Years	1.1	30.0	19/1982	306.8	0.3	0.5	0.9
November	6.6	72.0	2006	0.0	14 Years	1.8	30.0	16/2003	275.5	1.0	1.7	2.1
December	37.6	162.0	1982	0.0	5 Years	4.7	113.0	17/2000	235.9	1.9	2.7	3.1
Annual	272.4	949.8	1982	93.5	2001	44.4	113.0	17/12/2000	3322.3	1.7	2.0	2.9

SIBBI

Period : 1981-2010

WMO NO: 41697

ICAO ID: OPSB

Elevation: 133 m

Latitude: 29° 33' N Longitude: 67° 53' E

Established in 1925

Height => Barometer Cistern(amsl) = 134 m, Anemometer (agl) = 07 m, Steven Screen (amsl/agl)= 133 m/1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1001.6	1002.9	1000.4	1017.9	1019.2	1016.2	8.5	9.2	21.5	65.1	64.8	34.9
February	998.8	1000.2	997.6	1015.0	1016.3	1013.0	11.9	12.9	24.1	60.8	59.2	33.1
March	995.4	996.9	993.8	1010.6	1012.6	1008.9	17.4	19.1	29.7	56.8	54.2	30.5
April	990.5	992.5	989.7	1006.1	1007.7	1003.6	23.7	26.5	37.2	43.9	40.1	23.7
May	986.1	987.5	983.8	1000.7	1002.3	997.6	29.5	32.6	42.7	37.4	35.0	21.0
June	981.4	982.9	979.1	996.0	997.5	993.0	32.2	34.6	44.3	45.7	44.1	26.8
July	980.9	982.1	979.2	995.6	996.8	993.0	31.6	32.8	41.1	62.0	60.6	40.4
August	980.3	984.7	982.1	998.1	999.4	995.7	30.4	31.7	39.5	68.3	66.7	41.8
September	988.3	989.9	983.6	1003.4	1004.9	1001.0	27.8	29.6	38.9	64.4	61.8	33.8
October	994.4	996.2	992.9	1010.0	1011.6	1007.6	21.3	23.2	34.8	56.6	53.6	28.0
November	999.1	1000.6	997.7	1014.8	1016.5	1012.8	14.4	15.8	28.9	60.0	56.7	28.7
December	1002.3	1002.9	1000.4	1018.0	1019.3	1015.9	9.5	10.1	23.3	66.6	65.2	33.8
Annual	991.5	993.3	990.0	1007.2	1008.7	1005.0	20.9	23.2	33.6	55.3	52.1	29.6

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	14.6	6.5	-1.0	1/2008	22.7	30.4	31/2007	1.0	1.0	1.7	N16W	N 9W	S20W
February	17.6	9.8	0.7	9/2008	25.3	35.8	17/1993	1.2	1.0	2.2	N36W	N22W	S31W
March	23.4	16.0	3.8	2/1989	31.0	42.6	22/2010	1.4	1.2	2.8	N22W	N19W	S20W
April	30.4	22.3	12.2	2/1985	38.2	47.0	12/1981	1.5	1.4	3.3	N27W	N31W	S27W
May	36.0	28.0	19.4	8/1998	43.8	53.0	26/2010	1.5	1.4	3.6	N43W	N73W	S44W
June	38.1	30.7	17.6	9/2008	45.4	52.6	6/2003	1.3	1.3	3.4	S17E	S	S 7W
July	36.0	29.9	20.6	13/1987	42.2	50.8	4/2002	1.4	1.4	3.0	S25E	S13E	S 3W
August	34.7	28.9	19.7	10/1986	40.4	48.5	1/1987	1.1	1.1	2.8	S29E	S25E	S 2W
September	32.7	25.8	8.4	29/2001	39.6	45.0	6/1988	0.9	0.8	2.7	S62E	S31E	S12W
October	28.2	19.7	10.0	5/1988	36.6	43.3	2/1998	1.0	0.7	2.0	N18W	N15W	S18W
November	21.8	12.5	2.5	30/2010	30.9	39.5	1/1999	0.9	0.5	1.2	N 9W	N	S11W
December	16.3	7.4	0.0	31/2007	25.3	33.4	10/1998	0.7	0.6	1.1	N27W	N11W	S31W
Annual	27.4	19.7	-1.0	1/1/2008	35.0	53.0	26/ 5/2010	1.5	1.3	2.8	N	S	S15W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	10.7	65.0	1992	0.0	6 Years	0.9	48.0	29/1992	216.3	1.4	1.8	1.9
February	16.7	71.1	2007	0.0	5 Years	1.1	42.9	20/1994	209.4	1.4	1.9	2.1
March	22.2	111.3	1989	0.0	2004	1.4	47.0	11/1988	243.7	1.7	2.0	2.4
April	7.1	49.9	1992	0.0	13 Years	0.7	29.0	14/1986	261.5	1.1	1.3	2.1
May	5.4	41.2	1997	0.0	14 Years	0.6	29.0	14/1987	298.1	0.8	0.8	1.4
June	13.0	188.1	2007	0.0	16 Years	0.8	68.5	27/2007	276.6	0.7	0.7	0.9
July	38.4	112.8	1995	0.0	4 Years	1.7	81.0	24/2001	241.7	2.3	2.1	1.9
August	39.2	101.0	1989	0.0	1996	1.8	59.8	10/2000	269.9	2.1	2.0	1.9
September	10.7	87.1	1994	0.0	17 Years	0.7	75.7	6/1994	282.1	0.5	0.5	0.6
October	3.8	65.2	1997	0.0	25 Years	0.3	27.2	16/1997	290.4	0.3	0.4	0.5
November	1.4	13.3	1982	0.0	21 Years	0.2	12.2	25/1997	253.1	0.6	0.9	1.0
December	7.5	39.5	2006	0.0	1996	0.3	21.0	30/2004	224.0	1.1	1.5	1.5
Annual	176.4	371.9	2007	9.7	2002	10.5	81.0	24/ 7/2001	3060.8	1.3	1.4	1.5

TURBAT

Period : 1981-2010

WMO NO: 41738

ICAO ID: OPTU

Elevation: 155 m

Latitude: 25° 59' N Longitude: 63° 04' E

Established in 1942

Height => Barometer Cistern(amsl) = 156 m, Anemometer (agl) = 8.8 m, Steven Screen (amsl/agl)= 155 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1000.4	1001.4	998.8	1015.3	1016.4	1013.4	12.6	13.6	24.9	65.1	61.3	32.4
February	998.5	999.7	996.7	1013.4	1014.7	1011.2	14.6	16.0	28.4	66.3	61.2	31.3
March	995.5	996.5	993.9	1010.2	1011.3	1008.0	18.4	20.1	33.3	60.1	54.2	28.1
April	992.3	993.2	990.1	1007.0	1008.0	1004.5	23.3	25.7	38.3	58.3	50.9	24.3
May	988.1	989.3	985.7	1002.7	1003.8	999.9	27.3	30.0	43.2	58.4	51.2	23.5
June	977.9	985.8	981.4	998.8	999.9	995.7	28.6	30.9	42.9	65.7	58.9	27.4
July	983.0	984.0	980.6	997.5	998.5	994.8	28.1	29.7	40.8	72.1	66.2	34.5
August	985.4	986.5	982.8	1000.0	1001.2	998.0	27.2	28.5	39.3	72.4	67.6	34.9
September	990.0	990.9	987.4	1004.5	1005.8	1002.0	26.0	27.1	39.3	69.2	67.1	31.9
October	994.7	996.0	992.5	1009.5	1010.9	1007.3	23.1	24.7	37.9	59.6	52.5	24.8
November	998.3	999.4	996.3	1013.3	1014.6	1011.0	19.0	19.6	32.2	59.0	52.6	29.4
December	1000.2	1001.4	998.9	1015.5	1016.8	1013.5	14.2	15.6	27.5	58.8	52.0	29.1
Annual	992.7	993.6	990.1	1005.9	1006.9	1003.4	21.8	23.5	35.9	67.0	61.6	30.1

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	18.0	10.8	3.0	9/2006	25.6	33.0	14/2004	3.4	4.7	8.6	N76E	N81E	S54W
February	20.7	13.0	2.0	(2)/2008	28.8	37.0	26/2009	2.9	4.1	10.5	E	N82E	S36W
March	25.5	17.0	9.0	(2)/2003	33.9	42.0	16/2010	1.4	2.6	10.8	S24E	S58E	S40W
April	30.7	21.7	14.5	2/2009	39.2	45.5	(2)/2000	1.2	1.8	11.2	S	S23E	S41W
May	34.7	25.9	13.0	4/2003	43.9	52.0	30/2009	2.3	2.8	13.2	S 6W	S13W	S26W
June	35.6	27.4	20.0	27/2007	43.8	52.0	5/2002	3.3	4.1	14.2	S 5W	S15W	S25W
July	34.2	26.9	22.0	18/2003	41.4	53.0	3/2002	4.3	4.7	14.5	S 7W	S 9W	S12W
August	32.9	25.8	21.0	(2)/2004	40.0	48.5	5/2009	3.2	4.4	11.8	S16W	S17W	S21W
September	32.1	24.4	13.0	30/2003	39.7	46.3	16/1998	2.1	2.9	9.8	S31W	S36W	S29W
October	30.1	21.2	14.0	13/2007	38.9	45.5	5/2006	1.5	3.8	8.6	S43E	E	S39W
November	24.9	16.3	7.0	30/2010	33.4	40.0	1/1999	2.4	4.1	7.7	N77E	N84E	S
December	20.5	12.5	3.0	31/2010	28.5	35.5	8/2005	3.6	5.6	8.1	N73E	N77E	S
Annual	28.6	20.9	2.0	(2)/2/2008	36.6	53.0	3/7/2002	2.8	4.2	11.6	S17E	S27E	S27W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	15.5	54.7	1996	0.0	6 Years	1.3	21.0	28/2004	-----	0.9	1.5	1.6
February	22.1	163.0	2005	0.0	7 Years	0.9	93.0	8/2010	-----	1.1	1.4	1.5
March	16.6	90.0	1998	0.0	6 Years	0.6	46.0	4/1998	-----	0.9	1.3	1.5
April	1.6	14.6	2003	0.0	13 Years	0.1	8.2	15/2003	-----	0.2	0.6	0.8
May	2.9	16.0	2005	0.0	9 Years	0.4	12.6	26/2003	-----	0.3	0.6	0.6
June	18.5	222.0	2007	0.0	9 Years	0.6	172.0	27/2007	-----	1.0	1.2	0.7
July	8.1	65.4	2003	0.0	11 Years	0.6	36.6	28/2003	-----	2.8	3.5	1.1
August	1.4	17.0	2008	0.0	13 Years	0.3	21.0	30/2006	-----	2.3	4.0	0.8
September	0.0	0.0	2010	0.0	15 Years	0.1	2.0	3/2006	-----	1.4	2.5	0.4
October	1.3	21.0	2006	0.0	14 Years	0.0	21.0	31/2006	-----	0.2	0.3	0.4
November	0.5	9.0	2006	0.0	14 Years	0.1	9.0	17/2006	-----	0.3	0.6	0.6
December	17.9	75.0	2006	0.0	8 Years	0.4	60.0	3/2006	-----	0.6	1.0	1.1
Annual	107.0	251.0	2007	0.0	2000	5.6	172.0	27/ 6/2007	-----	1.3	1.7	0.9

ZHOB

Period : 1997-2010

WMO NO: 41620

ICAO ID: OPZB

Elevation: 1405 m

Latitude: 31° 21' N Longitude: 69° 28' E

Established in 1938

Height => Barometer Cistern(amsl) = 1407 m, Anemometer (agl) = 06 m, Steven Screen (amsl/agl)= 1405 m /1.04 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	860.5	860.6	858.9	1502.5	1508.4	1490.1	0.8	1.8	12.5	67.4	62.3	33.7
February	858.9	859.6	857.1	1490.0	1498.9	1473.3	3.4	4.6	14.9	64.7	59.6	31.4
March	857.9	859.4	856.1	1482.1	1490.7	1466.9	8.8	10.6	22.8	64.7	55.8	28.1
April	856.8	857.6	854.7	1471.6	1481.8	1457.6	14.6	17.5	26.3	53.7	44.6	21.6
May	854.4	855.1	851.9	1448.9	1457.9	1429.8	19.8	23.7	31.6	45.4	34.1	16.5
June	850.9	851.8	848.5	1413.7	1423.5	1391.7	23.4	27.1	34.8	47.3	37.4	18.4
July	850.5	850.5	847.4	1402.3	1410.3	1379.7	24.1	26.9	34.0	64.7	54.4	29.4
August	851.7	852.3	849.1	1418.6	1427.7	1395.6	23.4	25.7	33.9	69.4	60.6	28.0
September	855.1	856.1	851.8	1454.2	1464.9	1435.3	20.4	22.8	32.3	62.2	52.2	17.7
October	859.7	860.4	857.2	1499.0	1508.2	1480.3	13.5	16.4	26.7	52.7	41.8	16.5
November	861.3	862.2	859.5	1514.9	1523.3	1503.1	7.4	9.3	20.8	54.9	44.9	23.9
December	861.7	862.4	860.0	1513.9	1521.9	1500.2	2.6	3.8	15.2	61.5	54.9	28.8
Annual	856.5	857.3	854.4	1466.2	1476.1	1450.7	13.5	15.8	25.0	57.1	49.2	26.4

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	6.3	-1.0	-12.5	11/1997	13.6	25.0	31/2000	0.8	1.2	3.1	S72W	N55W	N31W
February	8.9	1.7	-6.7	20/1984	15.9	28.5	29/2008	0.9	1.3	4.3	W	S52W	W
March	14.2	7.2	-1.2	(4)/1982	21.2	33.0	20/2010	1.3	1.7	5.4	S	S22E	N70W
April	20.2	12.8	0.0	2/1993	27.6	36.0	29/2007	1.5	1.8	6.0	S63W	S45W	N79W
May	25.7	18.1	4.5	3/2005	33.3	40.4	24/1998	1.4	1.6	6.0	S79W	W	S78W
June	29.4	22.0	13.0	10/2008	36.8	42.5	15/2007	1.3	1.5	5.9	S33W	N15W	S47W
July	29.2	22.4	9.0	27/2006	36.3	43.5	10/2006	1.3	1.5	5.7	N38E	N16W	S31E
August	28.3	21.9	11.5	31/1989	35.6	41.0	16/2009	1.3	1.4	5.1	N60E	N47E	S65E
September	26.0	18.6	9.5	8/2008	33.5	39.6	8/1988	0.9	1.4	4.0	N11E	N20E	S76W
October	19.8	11.8	3.5	21/2009	28.2	35.0	1/2008	1.0	1.0	3.1	S	S22W	S66W
November	13.9	5.4	-7.0	30/1995	22.7	34.0	1/1996	0.9	1.0	2.6	E	S68W	N48W
December	9.1	0.5	-9.5	31/2007	16.5	25.0	18/2004	0.9	1.1	2.6	S45W	S	N18W
Annual	19.1	12.0	-12.5	11/1997	26.4	43.5	10/7/2006	0.9	1.0	3.8	S	W	N81W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	15.1	50.3	1990	0.0	2 Years	2.3	20.4	5/1990	241.3	1.5	1.8	2.5
February	27.3	81.5	2007	3.0	2010	2.8	22.5	10/2007	220.2	1.7	2.0	3.0
March	43.5	137.6	1989	0.0	2004	4.9	38.5	25/1987	227.3	1.8	2.2	3.7
April	31.9	127.3	1991	0.0	2 Years	3.4	45.0	21/1992	267.8	1.2	1.8	3.9
May	17.3	79.8	1981	0.0	6 Years	2.0	34.0	5/1981	327.1	0.7	0.7	2.9
June	19.8	77.0	2007	0.0	3 Years	2.8	37.0	27/2006	325.4	0.4	0.4	3.1
July	66.4	138.2	1997	5.6	1982	5.0	73.0	29/2010	296.1	1.4	1.5	3.8
August	44.8	165.1	1990	3.3	1994	3.7	120.0	14/1990	301.1	1.1	1.3	3.2
September	9.0	58.0	1994	0.0	9 Years	0.9	47.0	5/1994	301.1	0.4	0.4	1.6
October	5.2	71.6	1997	0.0	20 Years	0.7	19.0	4/1997	320.2	0.3	0.3	1.0
November	5.5	62.2	2006	0.0	17 Years	0.6	28.2	17/2006	284.6	0.5	0.8	1.4
December	11.4	40.7	1982	0.0	8 Years	1.0	19.8	28/1990	237.3	1.0	1.4	2.1
Annual	297.3	495.0	1997	117.7	2001	30.0	120.0	14/ 8/1990	3371.3	1.2	1.5	3.1

ASTOR

Period : 1981-2010

WMO NO: 43520

ICAO ID: N/A

Elevation: 2167 m

Latitude: 35° 22' N Longitude: 74° 54' E

Established in 1952

Height => Barometer Cistern(amsl) = 2168 m. Anemometer (agl) = 3.6 m. Steven Screen (amsl/agl)= 2167 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	----	764.8	763.1	----	1320.8	1287.1	----	-5.3	-0.4	----	69.4	61.7
February	----	763.5	761.7	----	1300.7	1265.6	----	-3.1	1.9	----	71.0	57.0
March	----	763.8	761.8	----	1290.0	1250.8	----	1.3	6.9	----	66.8	45.7
April	763.8	764.5	762.2	1276.9	1279.1	1236.3	5.0	6.8	12.6	65.2	56.7	35.8
May	762.9	763.5	761.0	1255.3	1253.2	1209.6	8.9	11.2	17.3	63.5	53.6	32.9
June	760.4	760.9	758.0	1217.9	1213.7	1163.3	12.0	15.1	21.7	62.4	54.4	31.0
July	758.2	758.7	756.2	1183.6	1179.0	1129.2	15.0	17.9	24.5	64.8	58.3	33.3
August	759.3	759.9	757.1	1195.3	1194.9	1150.8	15.2	17.4	23.9	65.7	60.3	33.9
September	762.7	763.4	760.5	1246.3	1248.3	1189.8	11.3	12.9	19.9	61.4	57.5	30.4
October	----	766.9	763.6	----	1305.3	1250.7	----	6.6	13.7	----	55.3	28.6
November	----	767.9	765.0	----	1332.4	1279.4	----	1.2	7.6	----	57.3	33.9
December	----	767.3	764.9	----	1334.2	1299.4	----	-2.8	1.6	----	63.9	53.4
Annual	*****	763.6	761.0	*****	1269.6	1225.8	*****	6.6	12.2	*****	59.8	40.4

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	-2.3	-7.3	-17.7	1/1995	2.9	12.3	30/2001	----	0.8	1.1	----	----	----
February	-0.5	-5.1	-15.5	1/2008	4.3	15.9	11/1993	----	1.2	2.0	----	----	----
March	4.4	-0.6	-11.7	5/2003	9.2	20.3	31/2007	----	1.5	2.7	----	----	----
April	9.6	4.0	-3.6	2/1990	15.2	26.5	29/2007	1.0	1.4	2.9	----	----	----
May	14.0	7.8	-1.7	4/2003	20.2	30.1	12/2000	0.7	1.1	2.9	----	----	----
June	17.6	11.0	3.6	22/1987	24.2	34.6	25/1990	0.5	0.8	3.0	----	----	----
July	20.7	14.2	6.5	5/2009	27.0	34.5	20/1997	0.5	0.6	2.8	----	----	----
August	20.6	14.3	5.6	28/1997	26.9	34.4	1/1983	0.5	0.6	2.9	----	----	----
September	16.8	10.2	-1.1	10/1992	23.4	30.6	7/2005	0.5	0.6	3.1	----	----	----
October	11.1	4.5	-1.7	31/1984	17.7	27.7	1/1992	----	0.6	2.7	----	----	----
November	5.7	-0.3	-8.3	28/1982	11.7	20.3	10/2008	----	0.7	1.8	----	----	----
December	0.7	-4.5	-16.1	31/1994	5.6	15.0	8/2010	----	0.7	1.1	----	----	----
Annual	9.6	3.8	-17.7	1/1/1995	15.4	34.6	25/ 6/1990	*****	0.5	2.2	----	----	----

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	43.9	145.0	2009	0.2	2001	0.4	49.9	30/1992	109.0	----	4.4	4.5
February	45.8	111.2	2005	0.0	2007	1.3	50.2	23/2002	70.0	----	4.6	4.9
March	75.3	211.9	1996	10.0	2006	6.5	53.6	6/1981	172.0	----	4.4	5.0
April	85.5	221.2	1999	1.3	1993	8.4	69.5	26/1998	141.2	4.0	3.9	4.9
May	62.5	177.6	2010	0.2	2006	7.8	68.2	2/2003	208.9	3.5	3.4	5.1
June	28.8	110.1	1996	2.0	1992	6.2	31.1	4/2010	185.6	2.8	2.6	4.3
July	26.4	79.3	2010	4.6	1998	6.1	35.0	26/1995	214.4	3.1	2.9	4.4
August	25.3	106.6	1997	2.2	2 Years	6.6	51.8	28/1997	211.7	3.4	3.0	4.3
September	20.9	172.3	1992	0.0	1983	4.1	118.2	10/1992	176.0	2.4	2.3	3.8
October	21.6	170.6	1987	0.0	3 Years	3.5	43.2	26/1982	202.3	----	2.0	3.4
November	19.6	110.0	1993	0.0	5 Years	1.8	40.3	6/1993	174.9	----	2.6	3.1
December	35.0	168.1	1994	0.0	3 Years	1.5	79.6	29/1990	113.4	----	3.9	4.1
Annual	490.7	873.7	1996	262.7	2007	54.1	118.2	10/9/1992	1979.4	*****	3.2	4.0

BUNJI

Period : 1981-2010

WMO NO: 43518

ICAO ID: N/A

Elevation: 1372 m

Latitude: 35° 40' N Longitude: 74° 38' E

Established in 1952

Height => Barometer Cistern(amsl) = 1372 m. Anemometer (agl) = 6.4 m. Steven Screen (amsl/agl)= 1373 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	865.8	866.8	864.3	1521.2	1530.4	1509.7	1.6	1.9	7.0	65.6	65.6	42.5
February	863.4	864.5	861.6	1500.9	1510.3	1495.2	4.7	4.9	10.8	56.3	58.0	36.6
March	861.8	863.0	859.5	1486.4	1498.7	1467.8	9.5	10.4	16.2	52.8	51.5	32.9
April	864.0	861.8	858.0	1477.9	1489.7	1454.2	13.6	16.1	22.1	54.9	51.5	34.1
May	858.3	859.4	855.5	1455.3	1467.0	1428.6	16.8	20.4	26.0	54.0	50.0	33.5
June	854.3	855.4	851.1	1414.7	1428.0	1384.2	20.2	24.6	29.8	51.4	46.9	33.4
July	850.8	851.9	847.6	1380.4	1392.1	1346.7	24.1	26.8	32.1	51.7	50.8	37.5
August	852.2	853.4	848.8	1395.3	1407.5	1360.2	23.5	25.6	31.1	57.3	56.4	42.6
September	856.9	858.3	853.8	1442.5	1456.2	1411.0	18.5	20.7	26.6	58.0	57.3	41.6
October	862.6	864.0	859.8	1495.5	1509.9	1468.7	11.7	13.1	19.2	62.5	61.3	47.0
November	866.0	867.3	863.5	1525.4	1536.4	1505.1	6.0	6.5	12.5	60.2	59.6	45.0
December	867.0	868.2	865.6	1532.9	1543.9	1513.9	2.7	2.9	7.8	62.6	63.2	44.8
Annual	860.4	861.0	857.3	1468.0	1479.0	1443.1	12.3	14.4	19.7	59.0	55.5	40.1

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	5.1	0.1	-5.3	5/1986	10.2	17.8	23/2003	1.0	0.9	0.9	S 8E	S25E	S10E
February	7.9	2.8	-3.3	10/1986	12.9	21.5	11/1993	1.2	1.3	1.4	S 4E	S 8E	S
March	13.1	7.7	0.0	16/1998	18.5	32.2	15/2005	1.7	1.1	2.2	S 9E	S 8E	S
April	18.1	12.0	2.5	5/1988	24.3	34.4	30/2007	1.8	1.0	2.2	S 9E	S 9E	S
May	22.0	15.3	6.1	4/2003	28.7	39.2	12/2000	1.6	1.2	2.3	S17E	S46E	S40W
June	25.6	18.6	10.6	6/2010	32.6	43.3	30/2001	1.5	1.3	2.1	S21E	S72E	N31W
July	28.6	22.2	9.7	30/2001	34.9	45.0	15/1981	2.0	1.5	2.0	S10E	S10E	S
August	28.0	21.3	7.2	27/2000	34.7	46.1	1/1983	1.8	1.6	2.1	S 8E	S13E	S14E
September	23.8	16.1	4.4	7/2000	31.5	40.6	1/1983	1.2	0.9	1.7	S23E	S28E	E
October	17.7	10.0	2.5	13/2001	25.3	34.6	3/1985	0.8	0.8	1.5	S36E	S71E	S53E
November	11.5	4.2	-3.6	26/2001	18.8	28.3	1/2000	0.8	0.9	0.6	S55E	N72E	S28E
December	6.6	1.1	-5.4	21/1984	12.1	19.4	4/2000	0.7	0.7	0.8	S10E	S38E	S
Annual	17.1	10.7	-5.4	21/12/1984	23.6	46.1	1/8/1983	1.3	1.3	1.9	S13E	S21E	S

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	6.4	35.6	2009	0.0	5 Years	2.1	13.2	26/2009	105.6	4.3	5.1	4.9
February	8.7	47.2	2003	0.0	8 Years	2.2	35.4	9/2010	100.7	4.8	5.4	5.5
March	11.3	64.6	1981	0.0	1987	2.8	24.9	30/1981	166.8	4.8	5.3	5.9
April	26.8	102.0	1981	1.0	1991	4.6	50.6	24/1987	162.6	4.0	4.5	5.7
May	26.9	118.4	2003	0.0	1988	5.8	56.2	2/2003	196.9	3.7	3.9	5.7
June	13.3	37.4	1993	0.0	1985	3.5	22.0	1/1993	206.9	3.0	3.1	5.0
July	17.9	72.9	1993	0.0	1987	4.0	32.5	26/1995	208.5	3.6	3.5	4.9
August	24.5	92.9	1986	0.0	1987	5.2	39.0	28/1997	193.0	3.7	3.7	5.1
September	11.2	67.4	2003	0.0	6 Years	2.7	53.8	10/1992	199.2	2.7	2.9	4.6
October	7.5	124.8	1987	0.0	8 Years	1.8	66.4	11/1987	201.7	2.2	2.7	4.0
November	3.8	47.5	1986	0.0	18 Years	0.8	32.0	15/1986	160.4	2.6	3.2	3.6
December	6.6	54.3	1994	0.0	9 Years	1.2	21.0	8/1994	118.6	4.1	4.8	4.6
Annual	165.4	339.4	2003	61.8	1991	36.6	66.4	11/10/1987	1919.7	3.6	4.0	4.8

CHILLAS

Period : 1981-2010

WMO NO: 43519

ICAO ID: OPCL

Elevation: 1250 m

Latitude: 35° 25' N Longitude: 74° 06' E

Established in 1952

Height => Barometer Cistern(amsl) = 1251 m, Anemometer (agl) = 4.5 m, Steven Screen (amsl/agl)= 1250 m/1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	880.9	881.8	879.1	1537.3	1545.8	1526.4	3.8	3.2	9.4	59.1	59.2	37.6
February	878.4	879.4	876.3	1516.8	1526.5	1502.7	5.8	5.8	12.7	57.6	57.1	32.3
March	876.7	877.8	874.1	1501.6	1516.0	1487.6	10.5	11.1	18.3	54.9	52.2	28.0
April	875.1	876.3	872.1	1493.5	1506.9	1471.9	15.1	17.1	24.2	50.3	46.3	23.9
May	872.2	873.3	868.9	1469.7	1481.5	1443.6	19.4	23.0	29.5	43.9	38.2	21.2
June	867.7	868.6	863.8	1427.2	1437.6	1394.4	24.0	27.8	34.8	36.4	31.8	16.4
July	864.3	865.4	860.5	1394.2	1408.0	1359.4	27.4	29.9	37.1	39.7	37.0	18.9
August	865.8	867.0	861.7	1410.5	1422.9	1373.8	26.8	28.9	36.4	44.2	41.8	21.2
September	871.0	872.3	867.1	1462.6	1476.7	1427.0	23.0	24.9	32.5	41.5	39.7	19.2
October	876.7	878.0	873.8	1509.5	1523.3	1485.6	15.8	17.1	24.7	41.8	41.1	22.2
November	880.2	881.5	877.7	1533.7	1549.6	1517.3	9.3	9.5	16.2	46.2	45.1	29.8
December	882.2	883.1	880.3	1550.7	1559.3	1538.8	5.0	4.5	10.3	56.6	56.6	38.8
Annual	873.9	875.1	871.0	1480.7	1493.5	1457.4	15.4	16.8	23.7	48.3	45.4	25.3

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	7.0	1.7	-3.1	6/2007	12.1	20.5	30/2007	0.4	0.5	1.6	S30W	S24W	S40W
February	9.5	4.1	-1.7	24/1984	14.6	22.8	28/1985	0.9	0.8	2.0	S79W	S71W	N85W
March	14.3	8.7	0.6	26/1983	19.9	30.5	20/2010	1.4	1.4	3.4	S85W	N85W	N79W
April	19.9	13.9	5.0	22/1981	25.9	38.0	30/2007	1.5	1.4	2.9	W	N80W	N78W
May	25.2	19.0	6.1	3/2003	31.5	42.0	12/2000	1.4	1.4	3.3	S82W	N73W	N84W
June	30.1	23.6	11.7	17/1991	36.5	46.4	24/1990	1.7	1.9	3.9	S76W	N77W	W
July	33.0	26.9	15.0	23/2010	39.0	47.7	17/1997	2.5	2.5	3.2	W	N83W	N86W
August	32.2	26.2	11.8	28/1997	38.3	48.1	1/1983	2.4	2.3	3.1	W	N84W	W
September	28.5	22.2	7.2	10/1992	34.8	43.6	1/1983	1.4	1.3	2.4	W	W	W
October	21.4	14.6	5.8	29/2004	28.2	37.8	3/1985	0.7	0.6	1.6	S72W	W	W
November	14.3	7.6	1.7	28/1984	21.0	30.6	1/2000	0.6	0.6	1.2	S66W	S73W	S53W
December	8.4	2.9	-3.1	21/1984	13.8	21.0	1/2010	0.5	0.5	0.8	S71W	S44W	S53W
Annual	20.3	14.3	-3.1	6/1/2007	26.2	48.1	1/8/1983	1.4	1.5	3.0	S84W	W	W

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	11.3	75.0	1996	0.0	8 Years	2.1	40.0	15/1996	136.9	4.3	4.8	4.4
February	16.3	78.1	2003	0.0	2001	4.0	43.1	19/2003	124.4	4.6	5.2	5.0
March	30.7	112.5	1996	0.0	1985	5.0	68.4	16/1996	195.0	4.8	5.0	5.3
April	38.2	140.7	1981	0.0	1982	5.2	51.1	21/1981	217.2	4.2	4.2	5.0
May	30.6	163.3	1996	0.1	1982	5.5	68.0	2/2003	247.8	3.6	3.5	5.0
June	13.9	67.0	1996	0.0	1984	4.9	24.0	20/1996	204.8	2.8	2.6	4.5
July	15.3	68.9	1984	0.0	2 Years	4.4	67.9	9/1984	265.2	3.4	3.2	4.4
August	17.5	97.8	1997	0.0	1984	5.4	51.8	28/1997	253.2	3.5	3.2	4.4
September	8.7	127.5	1992	0.0	1983	3.1	109.3	10/1992	250.5	2.5	2.3	4.0
October	7.3	146.2	1987	0.0	8 Years	1.9	58.9	11/1987	244.6	2.1	2.2	3.5
November	7.5	51.7	1993	0.0	12 Years	1.2	33.0	6/1993	208.1	2.5	2.9	3.1
December	14.1	82.8	1990	0.0	9 Years	2.4	60.8	29/1990	141.1	4.1	4.5	4.2
Annual	207.8	569.4	1996	88.1	2000	45.2	109.3	10/9/1992	2502.9	3.5	3.7	4.4

GILGIT

Period : 1981-2010

WMO NO: 43516

ICAO ID: OPGT

Elevation: 1459 m

Latitude: 35° 55' N Longitude: 74° 20' E

Established in 1952

Height => Barometer Cistern(amsl) = 1460 m, Anemometer (agl) = 13.1 m, Steven Screen (amsl/agl)= 1459 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	858.2	862.6	859.9	1535.4	1544.7	1522.5	-0.6	-0.7	6.2	82.4	80.4	51.2
February	855.7	860.1	857.1	1512.5	1523.7	1495.9	2.6	3.1	10.9	71.4	68.5	35.8
March	854.2	858.8	855.3	1500.3	1512.3	1479.4	7.2	9.0	16.6	65.7	58.4	28.5
April	853.3	858.0	854.0	1490.9	1505.0	1465.9	10.5	14.7	22.4	72.2	57.9	28.5
May	854.4	855.7	851.5	1469.9	1482.6	1439.2	13.1	19.2	26.8	76.3	57.6	29.0
June	850.4	851.6	847.2	1430.9	1440.0	1393.1	15.7	22.8	31.2	74.2	53.9	27.4
July	846.9	848.3	843.8	1393.8	1406.8	1356.6	19.1	24.7	33.1	74.4	58.3	33.4
August	848.4	849.9	845.1	1409.0	1423.1	1374.7	18.7	23.1	31.8	78.7	67.3	40.1
September	853.4	854.8	850.2	1459.1	1473.5	1425.5	13.9	18.2	28.0	81.8	68.8	38.9
October	859.0	860.4	856.0	1513.4	1527.6	1485.6	7.6	11.2	20.5	83.4	71.9	42.7
November	861.9	863.3	859.4	1540.0	1552.2	1518.9	1.9	3.7	12.1	83.0	76.4	50.6
December	863.0	864.1	861.2	1549.7	1559.6	1534.6	-0.5	-0.1	6.6	82.3	81.3	55.3
Annual	852.6	853.9	850.0	1483.2	1495.3	1457.0	9.0	12.7	20.2	76.9	65.2	38.7

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	3.7	-2.6	-9.5	7/2007	10.1	17.5	31/2007	0.3	0.5	0.5	W	W	S
February	6.8	0.6	-8.0	7/1983	13.0	22.0	9/1993	0.7	0.9	1.4	W	N81W	S37W
March	12.1	5.5	-3.0	6/2000	18.7	29.0	19/2010	0.8	1.0	2.7	W	W	S34W
April	16.7	9.0	1.5	1/996	24.5	36.1	30/1988	0.7	0.7	2.9	S63W	W	S
May	20.7	11.8	4.0	4/2003	29.5	41.5	16/2006	0.7	0.6	3.4	S42W	S	S55E
June	24.1	14.4	5.1	18/1989	33.9	43.5	(3)/1990	0.6	0.4	3.0	W	S	S57E
July	26.8	17.5	10.0	15/1994	36.1	46.3	17/1997	0.5	0.5	2.7	S	E	S66E
August	26.2	17.1	9.8	28/1997	35.3	43.8	1/1983	0.6	0.5	2.4	S	S	S55E
September	22.0	12.1	3.0	23/2000	31.9	41.6	5/2005	0.6	0.3	1.8	S53W	W	S36E
October	15.9	5.9	-2.5	29/2000	25.8	36.0	4/2008	0.4	0.3	1.0	W	W	S20W
November	9.7	0.3	-8.5	30/1990	18.9	28.0	1/2003	0.2	0.1	0.3	S	S	S
December	5.0	-2.2	-11.1	20/1984	12.1	24.5	2/1988	0.3	0.3	0.2	W	W	S
Annual	15.7	7.4	-11.1	20/12/1984	23.9	46.3	17/7/1997	0.6	0.6	1.7	W	W	S30E

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	3.9	32.2	2009	0.0	8 Years	1.2	12.2	15/1996	112.2	4.4	5.0	5.0
February	6.6	34.5	1999	0.0	2 Years	1.9	25.6	19/2003	119.4	4.7	5.4	5.5
March	12.1	47.5	1981	0.0	1993	3.9	24.8	30/1981	161.8	4.9	5.3	5.7
April	25.5	95.6	1981	2.1	2 Years	4.6	36.3	26/1998	199.7	4.3	4.5	5.4
May	25.2	87.2	2003	0.5	2 Years	5.8	64.5	26/2008	243.1	3.9	3.8	5.2
June	11.8	48.0	1996	0.0	1985	4.9	22.5	1/1988	260.8	3.0	2.8	4.5
July	14.7	52.9	2010	0.3	1992	5.4	19.1	25/1993	262.6	3.4	3.2	4.5
August	15.6	88.1	1997	0.0	1987	5.2	48.7	28/1997	239.4	3.5	3.4	4.8
September	8.6	61.3	1992	0.0	3 Years	3.4	52.6	10/1992	228.3	2.8	2.7	4.3
October	6.8	102.4	1987	0.0	5 Years	1.6	54.5	11/1987	217.2	2.4	2.7	4.0
November	3.1	27.4	1993	0.0	10 Years	1.0	20.0	6/1993	160.4	2.6	3.2	3.7
December	6.3	36.5	2004	0.0	9 Years	1.9	32.8	31/2004	103.8	3.9	4.6	4.7
Annual	140.6	267.5	2010	64.4	1983	40.7	64.5	26/5/2008	2297.3	3.7	3.9	4.7

GUPIS

Period : 1981-2010

WMO NO: 43504

ICAO ID: N/A

Elevation: 2155 m

Latitude: 36° 10' N Longitude: 73° 24' E

Established in 1954

Height => Barometer Cistern(amsl) = 2156 m, Anemometer (agl) = 5.8 m, Steven Screen (amsl/agl)= 2155 m/1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	789.3	791.9	789.4	1559.9	1590.6	1556.2	-5.2	-3.3	1.0	63.5	59.5	49.1
February	786.8	789.9	787.2	1536.2	1565.0	1528.9	-2.1	-0.8	3.5	66.8	58.9	43.5
March	787.1	788.6	785.8	1527.9	1540.6	1498.8	3.6	4.5	9.6	58.2	52.8	34.0
April	787.9	788.4	785.2	1523.0	1526.4	1478.1	8.2	10.3	16.3	48.0	43.3	27.4
May	786.7	787.2	784.0	1505.3	1502.1	1452.4	12.6	14.9	21.2	47.7	44.1	26.2
June	783.9	784.4	780.9	1464.3	1463.1	1406.8	16.1	18.7	25.2	43.7	39.9	22.8
July	781.2	781.7	778.0	1427.8	1426.7	1365.3	18.9	21.4	29.1	46.4	42.2	23.8
August	782.5	783.0	778.4	1442.9	1443.8	1385.0	18.2	20.6	27.8	52.1	47.3	27.8
September	786.1	786.8	783.2	1493.7	1495.6	1442.2	13.9	16.1	23.3	52.1	47.4	26.6
October	788.5	791.0	787.6	1533.9	1551.7	1504.4	7.3	9.5	16.1	59.0	48.6	27.3
November	789.9	792.8	789.6	1561.1	1586.2	1539.6	1.4	3.7	9.8	60.3	49.2	28.9
December	791.0	793.5	790.8	1578.8	1603.2	1567.2	9.2	-1.2	2.6	59.9	58.9	44.6
Annual	786.7	788.9	785.8	1512.9	1530.6	1485.9	8.5	9.7	15.0	54.8	47.6	31.9

Month	Mean Temperature (°C)	Minimum Temperature (°C)				Maximum Temperature (°C)			Wind					
		Mean	Lowest			Mean	Highest		Speed (knots)			Direction		
			Extreme	Date			Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27	
January	-0.6	-5.7	-13.0	27/2008	4.6	13.0	19/2010	1.1	0.9	1.0	W	W	W	
February	1.7	-3.3	-13.0	1/2008	6.8	14.4	19/2001	1.0	1.3	1.3	S	W	W	
March	7.1	1.7	-6.5	1/2009	12.5	24.0	20/2010	1.3	1.6	1.9	S	W	S	
April	12.8	6.7	-2.3	12/1999	18.8	29.0	29/2007	1.1	1.2	2.3	W	W	E	
May	17.4	10.8	1.0	6/1996	24.0	34.9	12/2000	0.8	0.8	2.3	S	S	E	
June	20.7	14.3	4.9	1/1995	28.4	39.4	27/2000	0.7	0.7	2.3	W	W	E	
July	24.4	17.1	7.7	25/1993	31.6	41.1	17/1997	0.8	0.8	2.3	E	E	S86E	
August	23.6	16.4	6.0	28/1997	30.7	41.1	9/1994	0.6	0.8	2.5	E	E	S87E	
September	19.4	12.2	2.0	30/2003	26.6	37.2	13/1996	0.6	0.6	2.4	E	E	S86E	
October	13.1	6.0	-0.1	29/1990	20.2	32.2	1/1996	0.5	0.5	1.5	S	S56W	S77E	
November	7.6	0.8	-6.0	30/2003	14.3	24.0	5/2003	0.3	0.4	0.9	S	S66W	S68E	
December	1.5	-3.6	-10.2	(3)/1995	6.7	16.0	4/2008	0.8	0.7	0.7	W	S81W	S64W	
Annual	12.2	6.1	-13.0	1/2/2008	18.4	41.1	17/7/1997	0.8	0.9	1.9	S	W	S79E	

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	8.8	48.0	2009	0.0	9 Years	0.4	26.5	29/2010	54.0	1.6	3.8	3.9
February	14.7	163.5	1999	0.0	6 Years	0.8	44.0	16/1999	92.6	4.5	4.2	4.3
March	19.4	68.6	1995	0.0	5 Years	1.8	59.7	16/1996	170.6	3.5	4.2	4.5
April	51.6	344.5	2005	0.0	4 Years	4.1	147.3	12/1999	199.8	3.6	3.8	4.2
May	28.1	106.9	1995	0.0	6 Years	2.3	43.2	25/1996	231.3	3.1	3.1	3.9
June	21.7	124.6	1998	0.0	10 Years	1.9	52.4	1/1995	222.3	1.9	2.0	3.3
July	19.0	79.7	1993	0.0	5 Years	2.0	32.0	29/2010	256.8	2.1	2.1	3.1
August	29.0	155.0	1997	0.0	5 Years	2.2	90.1	28/1997	231.6	2.3	2.3	3.4
September	15.0	118.2	1992	0.0	5 Years	1.6	68.5	10/1992	197.0	2.0	2.1	3.4
October	10.2	100.6	2004	0.0	14 Years	1.2	76.1	9/2004	173.2	1.3	1.9	2.9
November	2.5	26.4	1993	0.0	22 Years	0.3	14.0	12/1994	108.0	1.9	2.3	2.8
December	5.9	51.0	2008	0.0	13 Years	0.5	22.9	8/1994	37.0	2.7	3.4	3.6
Annual	228.5	675.6	1999	5.3	1982	19.0	147.3	12/4/1999	1891.2	2.5	2.9	3.4

SKARDU (PBO)

Period : 1981-2010

WMO NO: 43517

ICAO ID: OPSD

Elevation: 2209 m

Latitude: 35° 18' N Longitude: 75° 41' E

Established in 1952

Height => Barometer Cistern(amsl) = 2210 m, Anemometer (agl) = 5.8 m, Steven Screen (amsl/agl)= 2209 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	782.1	782.8	781.0	1563.3	1576.0	1543.7	-5.8	-6.3	0.6	82.5	85.4	67.1
February	779.7	780.7	778.6	1526.4	1545.6	1507.6	-2.5	-2.4	4.3	81.5	81.2	54.1
March	779.3	780.4	777.8	1510.3	1526.3	1481.7	2.7	4.1	10.9	70.8	65.0	36.6
April	779.2	780.3	777.2	1501.6	1508.8	1459.5	7.5	10.8	16.7	63.6	50.1	27.3
May	778.0	779.1	775.9	1485.8	1484.8	1432.2	10.5	15.2	21.5	65.4	49.4	25.7
June	775.1	776.1	772.6	1443.6	1440.7	1383.7	13.7	18.9	26.2	64.3	47.6	24.9
July	772.4	773.6	770.1	1404.7	1403.9	1341.8	17.0	21.1	29.1	63.4	51.8	31.0
August	773.6	774.7	771.2	1417.4	1421.5	1358.1	16.8	20.1	28.2	64.9	56.1	34.9
September	777.4	778.5	774.9	1469.9	1476.7	1413.1	12.2	15.6	23.8	66.6	56.5	34.0
October	781.3	782.6	779.1	1530.1	1541.4	1480.5	5.1	7.3	16.5	70.1	61.6	35.7
November	783.3	784.4	781.3	1563.0	1578.1	1525.5	-0.6	-0.4	9.2	74.0	73.9	41.3
December	783.3	784.3	782.2	1570.7	1584.4	1545.6	-3.6	-3.9	2.8	80.3	81.7	59.2
Annual	779.2	780.3	777.2	1470.4	1483.3	1430.5	6.0	8.1	15.5	70.2	64.1	40.6

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	-2.0	-8.2	-24.1	7/1995	3.7	13.9	23/2003	0.3	0.3	0.5	S28W	S28W	S48W
February	1.3	-4.1	-20.0	1/1995	6.8	16.7	27/2001	0.5	0.5	1.6	S40W	S35W	S36W
March	7.3	1.6	-13.5	5/1983	13.0	24.0	31/2007	0.9	1.1	3.1	S45W	S51W	S45W
April	12.9	6.4	-1.0	1/1983	19.4	29.6	17/2007	0.9	1.0	5.0	S37W	S55W	S38W
May	17.0	9.6	0.4	3/2003	24.3	34.4	14/2001	0.8	1.0	6.5	S33W	W	S35W
June	20.8	12.7	5.6	6/1983	28.9	39.8	18/2008	0.9	1.0	4.7	S40W	S21W	S40W
July	23.9	15.9	7.5	3/2009	31.8	40.9	23/1985	1.5	1.0	3.3	S29W	S39W	S34W
August	23.5	15.6	7.0	31/1991	31.5	41.0	2/1990	1.4	0.7	3.1	S32W	S30W	S32W
September	19.3	10.8	2.6	25/1982	27.8	38.2	14/2004	1.0	0.6	2.9	S34W	S43W	S42W
October	12.3	3.5	-4.2	31/2005	20.9	31.2	3/2009	0.7	0.4	2.0	S32W	S27W	S41W
November	5.9	-2.1	-9.5	29/2003	14.1	22.9	3/2003	0.3	0.3	0.9	S	S17W	S42W
December	0.9	-5.3	-14.7	31/1994	7.3	16.2	19/2004	0.2	0.3	0.7	S	S22W	S56W
Annual	11.9	4.8	-24.1	7/1/1995	18.9	41.0	2/8/1990	0.8	0.7	2.5	S33W	S39W	S39W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	31.4	117.6	2009	0.0	3 Years	0.3	36.8	30/1992	90.6	4.9	5.3	5.3
February	29.1	124.3	2010	4.2	2001	0.9	64.2	9/2010	114.6	5.0	5.6	5.7
March	36.7	111.0	1983	2.8	1995	4.4	28.0	2/1983	163.5	5.0	5.3	5.7
April	37.2	145.2	2006	0.0	2 Years	5.1	102.9	9/2006	198.6	4.4	4.4	5.3
May	26.7	115.3	2010	0.5	1992	5.3	53.6	2/2003	246.9	3.9	3.9	5.1
June	10.1	33.3	1987	0.0	2 Years	4.3	19.1	22/1987	249.1	3.3	3.2	4.7
July	11.2	49.0	1995	0.8	1982	4.8	23.4	27/1995	242.4	3.6	3.6	4.8
August	13.2	61.5	1997	1.4	2005	5.8	33.7	28/1997	223.4	3.8	3.6	5.2
September	9.9	83.2	1992	0.0	3 Years	3.1	54.9	10/1992	203.6	2.9	2.8	4.7
October	7.8	114.5	1987	0.0	7 Years	1.8	52.6	11/1987	213.6	2.4	2.6	4.1
November	7.0	66.2	1986	0.0	11 Years	1.3	28.0	16/1986	160.8	2.7	3.1	3.7
December	18.9	89.5	2008	0.0	3 Years	0.8	33.5	8/1994	95.8	4.3	4.8	4.9
Annual	240.6	495.4	2010	106.0	2007	38.0	102.9	9/4/2006	2232.6	3.9	4.0	4.9

BALAKOT

Period : 1981-2010

WMO NO: 41536

ICAO ID: N/A

Elevation: 980 m

Latitude: 34° 23' N Longitude: 73° 21' E

Established in 1957

Height => Barometer Cistern(amsl) = 981 m, Anemometer (agl) = 4.1 m, Steven Screen (amsl/agl)= 980 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	904.9	905.5	904.0	1499.5	1505.2	1503.7	4.1	4.2	10.6	73.0	73.9	57.2
February	903.4	904.2	902.6	1490.4	1497.8	1495.4	6.4	6.5	12.6	69.0	69.7	52.0
March	902.3	903.0	901.4	1488.8	1494.8	1491.0	10.4	10.4	17.6	64.5	65.8	47.4
April	900.8	901.3	899.5	1480.5	1488.0	1482.8	14.6	15.8	23.0	60.9	59.4	43.6
May	897.6	898.2	897.5	1458.9	1468.4	1459.1	19.0	21.5	28.4	55.6	50.6	36.7
June	894.0	894.6	892.2	1429.9	1440.1	1425.7	21.8	24.5	31.3	58.0	52.2	36.1
July	892.9	893.5	891.5	1421.2	1429.4	1416.2	22.2	24.0	29.8	82.3	76.7	58.3
August	894.5	895.2	893.3	1434.6	1442.8	1432.2	21.5	22.9	28.9	89.0	84.1	65.8
September	898.3	899.1	896.9	1465.8	1474.5	1465.4	18.1	19.3	27.3	82.7	79.7	55.9
October	902.6	903.4	901.2	1496.2	1504.9	1498.7	12.6	13.0	22.2	74.7	74.4	48.2
November	904.8	905.8	903.8	1509.2	1519.1	1513.4	7.8	7.8	16.5	74.2	74.0	50.0
December	905.4	906.3	904.6	1510.3	1516.0	1513.3	5.2	5.0	12.0	73.4	74.4	57.9
Annual	899.3	900.4	898.7	1470.7	1478.1	1469.9	13.6	14.7	21.2	71.2	69.1	52.0

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	8.2	2.2	-7.0	15/1998	14.1	22.5	31/2007	0.7	0.6	0.8	W	----	N
February	9.9	4.3	-2.2	1/2004	15.6	26.5	29/2008	1.2	1.1	1.4	N	----	S
March	14.1	8.2	0.6	5/2000	20.0	31.2	21/2010	1.8	1.4	1.8	N19W	----	S
April	19.2	12.7	3.9	6/1989	25.7	36.5	28/2006	1.6	1.2	1.8	N 4W	----	S
May	24.3	17.4	7.2	2/2004	31.2	43.3	31/1988	1.6	1.0	2.1	N	----	S
June	27.6	20.5	11.8	5/2007	34.7	42.1	2/1984	1.2	0.8	2.4	N 4W	----	S
July	26.8	21.3	13.9	5/2009	32.4	41.9	2/1991	0.4	0.3	1.7	N	----	S
August	26.0	20.8	13.3	28/1988	31.2	39.7	12/1987	0.2	0.2	1.4	N11W	----	S 5W
September	23.9	17.2	10.9	30/1984	30.6	35.2	6/1982	0.4	0.3	1.1	N	----	N
October	19.2	11.3	5.2	29/1982	27.1	33.6	1/2009	0.6	0.3	0.8	N 4W	----	N
November	14.2	6.4	0.7	29/1995	21.9	29.2	1/2007	0.4	0.2	0.5	N	----	W
December	10.0	3.5	-3.1	24/2006	16.4	25.0	1/2008	0.6	0.5	0.5	N20W	----	N27W
Annual	18.4	12.2	-7.0	15/ 1/1998	24.7	43.3	31/ 5/1988	0.8	0.6	1.2	N 7W	----	S

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	91.4	270.7	2008	2.0	2001	6.0	65.1	28/1983	----	2.9	3.3	3.8
February	143.3	357.4	2010	22.0	1985	8.6	113.0	18/2003	----	3.4	3.8	4.5
March	171.8	302.8	1981	5.0	2004	9.6	101.0	30/1981	----	3.4	3.8	4.7
April	117.6	240.2	1981	18.6	2000	9.2	66.2	22/1981	----	2.9	3.1	4.3
May	76.3	191.7	1982	8.7	1990	7.8	63.8	21/1991	----	2.3	2.1	3.9
June	92.9	299.6	2008	23.7	1992	9.7	82.0	29/2002	----	2.2	2.0	3.9
July	324.4	914.9	1988	53.8	1996	15.1	291.8	23/2001	----	4.6	4.0	4.3
August	265.5	626.0	2006	66.8	1993	13.0	245.0	4/1983	----	5.1	3.7	3.9
September	112.5	377.8	1991	12.0	1982	7.0	181.2	10/1992	----	2.2	2.0	2.8
October	46.8	241.3	1987	0.0	1984	4.3	88.0	10/1987	----	1.1	1.2	2.1
November	40.3	192.7	1986	0.0	2 Years	3.2	103.0	15/1986	----	1.3	1.9	2.1
December	69.1	324.2	1990	0.0	5 Years	5.1	80.1	29/1990	----	2.5	3.0	3.2
Annual	1553.5	2316.0	2006	1069.5	2001	98.5	291.8	23/ 7/2001	----	2.7	2.8	3.6

BANNU

Period : 1999-2010

WMO NO: 41562

ICAO ID: N/A

Elevation: 406 m

Latitude: 33° 00' N Longitude: 70° 06' E

Established in 1983

Height => Barometer Cistern(amsl) = 411.27 m, Anemometer (agl) = N/A, Steven Screen (amsl/agl)= 406 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	971.0	971.2	970.1	1019.4	1019.2	1016.7	6.2	8.2	17.2	72.8	65.7	41.2
February	969.3	969.8	968.3	1017.1	1017.2	1014.4	9.3	11.4	19.6	73.8	67.0	47.5
March	966.5	966.7	965.3	1013.2	1012.8	1010.4	14.5	17.4	25.4	69.6	61.8	40.0
April	962.9	963.1	961.5	1008.7	1008.2	1005.5	19.9	24.3	32.0	61.4	47.1	30.6
May	958.2	958.2	956.6	1002.8	1002.3	999.6	25.4	30.4	37.1	51.5	38.7	25.9
June	954.5	955.4	953.1	998.7	998.5	995.7	28.2	32.3	38.8	54.1	43.8	29.6
July	953.8	954.0	952.5	998.0	997.8	995.4	28.2	31.1	36.7	70.2	60.6	43.9
August	954.8	956.2	954.7	1000.2	1000.3	997.8	27.5	29.8	35.7	77.3	68.7	49.3
September	960.3	960.8	959.2	1005.3	1005.3	1002.7	24.7	27.5	34.1	71.9	62.3	41.8
October	965.6	966.0	964.4	1011.5	1011.6	1008.7	19.5	22.2	30.7	65.8	56.6	37.9
November	969.4	969.8	968.1	1016.5	1016.6	1013.5	12.6	15.4	24.7	65.5	55.2	34.8
December	971.0	971.4	969.9	1019.0	1019.1	1016.0	7.6	10.1	19.6	65.7	55.4	36.7
Annual	963.1	963.0	962.0	1009.2	1008.3	1006.4	18.6	23.6	29.3	66.6	52.1	38.3

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	12.1	5.0	-1.0	26/2008	19.2	28.6	30/2007	1.4	1.2	1.2	----	----	----
February	14.7	8.1	0.8	11/2008	21.1	30.8	29/2008	1.4	1.8	1.8	----	----	----
March	20.1	13.4	4.0	5/2003	26.8	35.5	31/2004	0.9	1.3	2.1	----	----	----
April	26.1	18.7	10.0	9/2009	33.6	42.8	29/2006	1.5	1.6	3.3	----	----	----
May	31.6	24.3	14.0	1/2004	39.1	48.8	28/2010	1.0	1.5	4.6	----	----	----
June	33.9	27.0	13.2	18/2001	40.8	49.7	11/2007	0.7	1.5	5.8	----	----	----
July	32.9	26.9	17.2	25/1999	38.8	47.5	3/2002	0.5	0.7	4.2	----	----	----
August	31.7	26.2	20.2	31/2008	37.2	45.0	5/2009	0.3	0.7	3.8	----	----	----
September	29.6	23.4	14.4	23/2008	35.9	41.0	9/2004	0.3	0.4	4.0	----	----	----
October	25.5	18.1	12.2	2/2007	32.8	40.0	2/2009	0.6	0.6	1.7	----	----	----
November	19.3	11.4	4.4	30/2000	27.1	33.5	1/2007	0.8	1.0	1.0	----	----	----
December	14.4	6.3	1.0	27/2010	22.4	30.6	1/2008	1.2	1.4	1.2	----	----	----
Annual	24.7	18.3	-1.0	26/1/2008	31.6	49.7	11/6/2007	0.9	2.2	2.9	----	----	----

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	23.3	84.3	2005	0.0	2 Years	2.6	68.1	1/2005	----	2.2	2.6	2.3
February	35.6	150.4	2007	1.5	2000	4.8	56.7	11/2007	----	2.8	2.9	2.9
March	29.8	72.6	2009	0.0	2004	4.8	30.0	4/1999	----	2.3	2.4	2.7
April	21.2	78.1	2009	0.0	2 Years	2.5	35.0	6/2009	----	1.7	1.8	3.2
May	8.2	26.0	2002	0.0	2000	1.8	26.0	15/2002	----	1.1	1.0	2.4
June	28.8	127.8	2007	0.0	2003	2.5	77.4	29/2007	----	1.4	1.3	2.4
July	63.6	312.6	2010	8.0	2009	4.7	101.0	21/2010	----	2.7	2.5	2.8
August	74.3	179.6	2010	7.6	2002	5.0	90.0	5/2006	----	2.8	2.8	2.8
September	31.4	98.6	1999	2.2	2007	2.4	98.6	11/1999	----	1.1	1.2	1.6
October	6.9	40.4	2006	0.0	5 Years	1.1	37.6	26/2006	----	0.5	0.5	0.7
November	3.1	13.5	2006	0.0	4 Years	1.2	13.0	30/2007	----	0.9	1.1	1.2
December	9.6	53.4	2006	0.0	2 Years	1.6	37.3	5/2006	----	1.6	1.7	1.6
Annual	336.4	583.4	2010	151.3	2001	34.9	101.0	21/7/2010	----	1.8	1.7	2.2

CHERAT

Period : 1981-2010

WMO NO: 41565

ICAO ID: OPCT

Elevation: 1301 m

Latitude: 33° 49' N Longitude: 71° 53' E

Established in 1892

Height => Barometer Cistern(amsl) = 1302 m, Anemometer (agl) = 25 m, Steven Screen (amsl/agl)= 1301 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	863.4	866.8	866.7	1511.4	1531.8	1531.9	4.8	6.1	7.9	56.0	52.5	51.3
February	863.0	869.3	869.1	1496.4	1519.5	1518.8	5.0	7.4	9.8	62.7	56.7	53.8
March	862.3	864.8	864.5	1490.1	1515.7	1515.1	8.1	11.2	14.6	71.0	60.6	55.6
April	860.2	863.5	863.1	1473.7	1505.3	1503.9	15.8	17.1	20.8	60.3	53.9	49.6
May	859.6	861.3	860.8	1468.0	1487.0	1483.3	19.9	22.6	26.9	48.6	47.5	42.2
June	855.7	858.6	857.9	1429.1	1458.7	1454.7	23.8	26.2	30.4	38.8	48.0	41.4
July	855.0	857.2	856.6	1422.9	1445.9	1440.2	22.3	24.4	27.8	73.3	71.0	61.6
August	857.1	858.9	858.3	1443.3	1462.5	1457.4	21.5	23.2	25.6	85.3	80.3	72.0
September	860.6	862.3	861.6	1481.2	1495.4	1490.1	20.6	22.0	24.7	68.0	68.7	63.3
October	863.7	865.9	865.6	1503.5	1529.8	1527.4	15.9	17.8	20.4	54.7	55.7	52.5
November	864.9	867.6	867.3	1516.0	1543.1	1541.4	11.2	12.9	14.8	50.3	51.3	51.1
December	866.2	867.9	867.9	1526.5	1543.1	1543.9	6.6	8.6	10.2	46.3	49.8	48.9
Annual	860.9	863.8	863.3	1480.2	1507.4	1503.7	14.6	16.5	19.1	60.5	58.9	55.5

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	6.4	3.5	-5.6	25/1983	9.2	17.2	25/1990	----	7.1	5.8	----	N45W	N45W
February	7.5	4.3	-3.5	21/2005	10.9	21.1	11/1993	----	8.1	6.6	----	N45W	N45W
March	11.8	7.8	-0.6	6/1982	15.8	29.3	31/1991	----	6.4	5.0	----	N45W	N44W
April	17.8	13.0	2.2	12/1992	22.5	36.6	24/2000	----	7.0	6.0	----	N44W	N44W
May	23.0	17.6	4.6	13/1999	28.5	38.9	21/2000	----	7.1	5.9	----	N45W	N45W
June	26.2	20.5	9.2	5/1999	32.0	43.0	15/2007	----	4.5	5.3	----	N43W	N43W
July	24.3	19.4	3.1	7/2000	29.1	40.0	9/2009	----	3.9	5.3	----	N39W	E
August	22.9	18.8	5.0	26/1999	26.9	36.1	12/1987	----	3.5	4.7	----	N41W	S
September	21.9	17.7	0.6	29/1986	26.1	35.0	8/1983	----	3.9	4.7	----	N43W	N38W
October	18.3	14.3	5.0	30/1997	22.3	31.1	1/2009	----	3.8	4.2	----	N44W	N42W
November	13.5	10.2	0.0	29/1995	16.8	27.5	1/1985	----	5.3	4.4	----	N45W	N44W
December	9.0	6.0	-1.7	30/1990	11.8	21.0	2/2008	----	6.7	5.5	----	N45W	N46W
Annual	16.9	13.1	-5.6	25/1/1983	20.5	43.0	15/6/2007	----	9.6	9.8	----	N44W	N44W

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	47.7	189.0	1999	0.0	4 Years	3.4	95.0	1/2005	----	1.6	2.3	2.6
February	72.7	305.5	2007	0.0	1985	4.5	129.0	18/2003	----	2.7	2.9	3.2
March	90.5	209.3	1988	3.0	2004	6.5	90.0	29/2003	----	3.8	2.8	3.3
April	66.4	299.2	1983	0.0	2000	5.0	98.0	5/2008	----	2.0	2.2	3.5
May	28.4	70.0	1987	1.5	1988	3.9	53.0	21/1991	----	2.1	1.6	3.0
June	25.6	136.0	2007	0.0	1985	2.5	75.0	30/2006	----	1.1	1.4	2.7
July	85.5	393.0	2010	6.0	1991	5.6	257.0	29/2010	----	2.5	2.7	3.4
August	94.2	230.0	2010	10.5	2000	6.9	97.8	8/1981	----	1.5	2.8	3.4
September	35.1	109.5	1992	0.6	1985	3.3	64.0	4/1998	----	1.5	1.7	2.5
October	18.2	107.0	1997	0.0	6 Years	1.8	75.0	3/1996	----	1.2	0.8	1.6
November	14.6	113.0	1982	0.0	8 Years	1.3	78.7	16/1982	----	0.8	1.4	1.7
December	27.6	179.2	1985	0.0	8 Years	1.7	72.0	5/2006	----	1.9	2.1	2.4
Annual	605.9	938.3	2010	192.4	2001	46.1	257.0	29/7/2010	----	1.7	1.9	2.6

CHITRAL

Period : 1981-2010

WMO NO: 41506

ICAO ID: OPCH

Elevation: 1499 m

Latitude: 35° 51' N Longitude: 71° 50' E

Established in 1964

Height => Barometer Cistern(amsl) = 1500 m, Anemometer (agl) = 9.4 m, Steven Screen (amsl/agl)= 1499 m/1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	853.9	854.7	852.1	1536.4	1543.7	1519.4	1.7	1.2	7.7	65.4	67.0	39.3
February	852.2	853.0	850.3	1520.3	1527.7	1501.4	2.9	2.7	9.6	67.1	67.8	39.9
March	851.3	852.2	849.1	1511.8	1520.6	1489.7	6.4	6.7	14.6	70.1	69.5	38.6
April	850.3	851.2	847.5	1501.9	1511.2	1473.2	10.2	11.5	21.2	71.8	68.1	34.4
May	848.0	848.8	844.6	1479.1	1486.9	1442.8	13.7	17.6	26.6	68.8	55.9	29.4
June	844.3	845.0	840.2	1441.5	1448.1	1394.3	17.9	22.9	32.2	58.7	43.8	21.1
July	842.0	842.8	837.1	1417.2	1425.1	1361.8	20.7	23.8	34.0	69.0	59.1	25.8
August	843.5	844.4	838.6	1432.6	1442.1	1377.8	19.6	20.6	32.5	78.7	77.4	30.0
September	847.7	848.8	843.3	1475.2	1487.0	1425.1	14.5	14.8	27.9	82.3	83.9	28.3
October	852.6	853.7	848.9	1523.7	1534.6	1487.6	9.0	9.2	21.8	77.0	76.6	31.2
November	854.7	855.8	851.8	1544.3	1554.0	1516.8	4.7	4.8	15.3	70.4	68.7	34.4
December	855.3	856.1	853.1	1549.2	1556.5	1529.4	2.5	2.5	9.6	66.8	66.2	39.6
Annual	849.5	850.5	846.4	1493.3	1503.0	1460.7	10.3	11.7	20.8	68.8	64.8	30.7

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	4.6	-0.7	-11.7	5/2006	9.8	21.3	4/2000	4.0	3.5	6.2	N	N	N
February	5.9	0.8	-7.0	2/2010	11.2	22.1	10/1993	3.2	3.1	4.9	N	N	N
March	10.2	4.3	-5.0	3/1997	16.2	28.9	20/2002	2.6	2.6	4.2	N	N	S
April	15.5	8.2	-2.2	7/1994	22.9	36.0	28/2007	2.8	2.9	5.1	N	N	S
May	20.6	12.1	3.0	9/2004	29.0	39.8	12/2000	2.4	3.0	6.1	N	N	S
June	25.3	16.4	5.8	3/2004	34.2	43.7	29/2001	2.1	2.6	7.9	N	N SE	S
July	27.7	19.4	9.5	18/2004	36.1	44.4	10/2006	0.7	0.9	11.4	S	S	S
August	26.5	18.2	9.2	31/2004	34.7	42.2	1/2003	0.3	0.4	13.3	S	S	S
September	22.2	12.9	3.9	29/2007	31.4	39.8	17/1990	0.3	0.3	10.7	S	N	S
October	16.2	6.9	1.0	26/2009	25.6	36.0	2/2009	1.6	1.6	6.2	N	N	S
November	10.8	2.4	-3.0	30/1995	19.2	30.3	1/2003	2.5	2.4	3.9	N	N	N
December	6.3	0.2	-8.9	17/1986	12.5	22.2	13/1998	3.1	3.2	4.6	N 4E	N	N
Annual	15.9	8.5	-11.7	5/1/2006	23.2	44.4	10/7/2006	2.3	2.3	7.8	N	N	S

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	47.0	131.1	1992	0.0	3 Years	4.7	72.7	29/2010	137.0	3.1	3.6	4.1
February	65.1	151.8	2010	10.7	1985	7.0	59.7	8/2010	128.4	3.6	4.2	4.8
March	110.9	262.1	2007	20.0	2004	10.3	105.6	20/2007	150.0	3.8	4.3	5.2
April	78.7	138.8	1997	8.4	1982	9.3	79.6	1/2007	188.7	3.2	3.2	4.7
May	42.5	123.5	1991	0.5	2000	7.2	31.7	1/1989	241.6	2.4	2.3	4.3
June	12.2	64.5	1987	0.0	4 Years	2.7	35.4	3/1987	272.3	1.5	1.1	3.3
July	7.0	63.2	2010	0.0	6 Years	2.3	41.4	29/2010	282.8	1.6	1.4	2.7
August	6.6	33.0	2010	0.0	2 Years	2.5	16.0	27/1988	256.0	1.8	1.7	2.9
September	13.1	113.7	1991	0.0	5 Years	2.9	40.5	29/1991	225.4	1.1	1.1	3.0
October	25.2	236.0	2004	0.0	2002	3.7	109.0	10/2004	211.1	1.0	1.4	3.1
November	30.5	119.1	2000	0.0	4 Years	3.8	161.2	8/2000	172.5	1.7	2.3	3.1
December	39.9	119.3	1990	0.0	2 Years	5.1	80.5	30/1984	134.0	2.7	3.4	4.0
Annual	479.0	728.9	1991	214.4	2001	61.5	161.2	8/11/2000	2409.1	2.1	2.5	3.7

DERA ISMAIL KHAN

Period : 1981-2010

WMO NO: 41624

ICAO ID: OPDI

Elevation: 173 m

Latitude: 31° 49' N Longitude: 70° 55' E

Established in 1866

Height => Barometer Cistem(amsl) = 174 m, Anemometer (agl) = 7 m, Steven Screen (amsl/agl)= 173 m /1.21 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	996.6	997.7	995.8	1017.5	1018.7	1015.9	7.2	7.0	18.1	82.4	80.8	48.0
February	994.2	995.3	993.2	1014.9	1016.1	1013.1	10.1	10.2	20.9	78.8	76.0	41.3
March	991.0	992.4	989.8	1011.3	1012.7	1009.4	14.9	16.0	25.7	80.1	75.8	41.5
April	986.9	988.4	985.3	1006.7	1008.1	1004.3	20.0	22.7	32.4	70.1	59.8	32.2
May	982.0	983.6	980.1	1001.4	1002.8	998.6	24.9	28.5	37.8	59.9	48.2	26.4
June	977.3	978.9	975.4	996.4	997.8	993.8	27.5	30.7	39.5	66.6	55.2	32.0
July	976.9	978.3	975.2	996.0	997.3	993.7	28.0	29.9	37.0	82.1	73.7	49.0
August	979.3	980.6	977.6	998.5	999.7	996.3	27.3	28.9	35.9	87.0	79.7	54.8
September	984.0	985.5	982.4	1003.4	1004.8	1001.2	25.0	26.7	35.0	84.1	76.8	47.7
October	990.2	991.7	988.9	1010.2	1011.6	1008.1	19.1	20.6	31.3	80.8	74.3	42.9
November	994.4	995.9	993.3	1014.9	1016.4	1012.9	13.0	13.4	25.4	82.1	78.4	49.0
December	996.8	998.0	995.9	1017.7	1018.9	1015.9	8.3	8.1	19.9	82.1	79.8	52.1
Annual	987.4	988.9	986.0	1007.4	1008.7	1005.2	18.5	20.3	29.7	77.6	69.7	41.9

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	12.3	4.6	-2.0	5/1986	19.9	30.4	7/1996	1.1	1.0	1.1	N42W	N43W	N10E
February	15.1	7.6	-1.5	18/1986	22.5	33.2	10/1993	1.3	1.1	1.5	N33W	N31W	N46E
March	20.1	13.1	3.5	4/2003	27.1	37.0	24/2010	1.4	1.1	1.7	N15W	N12W	N78E
April	26.1	18.5	8.5	7/1994	33.8	44.0	29/2006	1.6	1.3	1.6	N 5E	N18E	E
May	31.3	23.4	12.5	1/2004	39.3	49.0	20/2004	1.6	1.3	2.1	N16E	N32E	E
June	33.5	25.9	17.5	13/1987	41.1	49.7	20/1986	1.8	1.4	2.1	N49E	N54E	S81E
July	32.4	26.4	16.2	8/1993	38.5	47.4	3/2002	1.4	1.2	2.2	N58E	N69E	S79E
August	31.5	25.7	19.0	21/2003	37.3	44.5	2/1983	1.3	1.0	1.8	N61E	N65E	S73E
September	30.0	23.4	15.8	24/1984	36.5	42.4	7/1988	1.0	0.9	1.3	N56E	N63E	S68E
October	25.3	17.3	8.0	20/1985	33.3	40.5	1/1985	0.7	0.6	0.7	N22E	N26E	S78E
November	19.4	10.5	2.0	29/2003	28.0	35.0	1/1996	0.6	0.5	0.5	N22W	N24W	N63E
December	14.1	5.6	-2.8	26/1984	22.4	30.5	8/1998	0.8	0.7	0.6	N38W	N41W	N19E
Annual	24.2	16.7	-2.8	26/12/1984	31.6	49.7	20/ 6/1986	1.9	1.6	2.0	N11E	N21E	E

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	10.9	64.4	2005	0.0	4 Years	3.7	50.1	1/2005	207.1	1.8	2.2	2.4
February	21.0	120.2	2007	0.0	1988	4.6	44.3	10/2007	204.6	2.3	2.7	2.9
March	35.2	70.2	1982	1.8	2008	7.0	57.4	13/1993	233.6	2.4	2.8	3.3
April	23.9	106.5	1983	0.0	2 Years	5.0	28.5	2/1991	268.8	1.8	2.0	2.9
May	14.2	106.8	1982	0.0	2 Years	3.3	57.3	31/1986	284.0	1.3	1.1	2.1
June	21.7	90.9	2001	0.0	2 Years	3.2	50.8	30/2010	263.7	1.5	1.2	1.8
July	69.6	226.3	2010	0.0	1985	6.1	116.0	4/1994	250.6	2.8	2.7	2.4
August	73.7	376.0	2010	3.2	1987	6.0	150.0	4/2010	267.3	2.6	2.6	2.2
September	31.2	128.0	1992	0.0	6 Years	2.3	70.0	16/2004	266.4	1.2	1.2	1.1
October	6.9	41.9	1997	0.0	13 Years	1.6	29.5	4/2009	270.3	0.5	0.6	0.7
November	2.7	32.1	2006	0.0	13 Years	1.1	14.5	17/2006	231.7	0.6	1.0	1.2
December	8.3	51.0	1989	0.0	8 Years	2.3	21.9	19/1988	222.9	1.4	1.8	2.1
Annual	319.9	756.3	2010	139.5	1985	46.2	150.0	4/8/2010	2947.3	1.8	1.9	2.2

DIR

Period : 1981-2010

WMO NO: 41508

ICAO ID: N/A

Elevation: 1369 m

Latitude: 35° 12' N Longitude: 71° 51' E

Established in 1966

Height => Barometer Cistern(amsl) = 1370 m, Anemometer (agl) = 5.9 m, Steven Screen (amsl/agl)= 1369 m/1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	868.0	868.3	866.6	1541.4	1544.6	1534.0	-0.5	-0.1	8.7	88.6	86.0	51.5
February	866.8	867.3	865.5	1531.8	1535.1	1525.6	1.0	1.4	10.4	90.0	87.5	50.3
March	866.1	866.4	864.6	1526.4	1530.3	1518.1	4.6	5.4	14.9	88.0	85.4	46.9
April	864.8	865.1	863.2	1516.5	1521.1	1506.9	8.7	11.5	20.6	84.7	74.6	42.8
May	862.2	862.6	860.6	1493.3	1499.4	1482.0	12.7	17.3	25.9	80.8	62.4	38.0
June	858.8	859.2	857.2	1463.1	1468.4	1449.0	16.4	21.8	29.5	76.3	56.0	35.9
July	857.5	857.9	855.9	1449.7	1454.1	1437.6	19.5	22.8	29.4	86.6	74.4	52.0
August	859.0	859.5	857.6	1464.7	1469.6	1453.7	19.4	21.4	28.5	90.1	83.0	57.4
September	862.9	863.3	861.3	1501.0	1505.6	1490.4	14.6	16.6	26.1	88.5	82.6	49.3
October	867.1	867.5	865.1	1538.4	1542.7	1526.6	8.2	9.5	21.2	86.4	81.6	39.7
November	868.9	869.4	867.1	1552.8	1557.7	1538.4	3.7	4.4	15.3	83.4	80.5	41.6
December	869.0	869.5	867.7	1551.3	1556.2	1544.8	1.0	1.4	10.4	84.4	82.0	51.2
Annual	864.0	864.5	862.5	1508.2	1513.8	1498.2	8.8	11.2	19.7	86.9	77.7	47.3

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	4.9	-2.5	-10.6	13/1989	12.0	23.0	6/2002	0.0	0.1	1.5	----	----	----
February	6.1	-0.8	-13.9	5/1984	12.6	25.8	10/1993	0.0	0.1	1.7	----	----	----
March	10.0	3.1	-7.5	5/2000	16.8	30.6	30/1985	0.0	0.1	1.9	----	----	----
April	15.2	7.4	-1.1	1/1990	23.0	35.0	28/2006	0.0	0.2	2.1	----	----	----
May	20.1	11.5	2.2	2/2004	28.5	38.5	12/2001	0.1	0.2	2.3	----	----	----
June	23.8	15.1	8.3	1/1986	32.3	41.5	21/1986	0.0	0.1	2.7	----	----	----
July	25.1	18.6	9.6	30/2001	31.7	40.6	3/1999	0.0	0.1	2.5	----	----	----
August	24.4	18.2	7.9	28/1988	30.6	37.4	1/1983	0.0	0.1	1.9	----	----	----
September	21.4	13.7	3.3	30/1982	29.3	36.0	26/2009	0.0	0.1	2.0	----	----	----
October	16.3	7.1	0.1	30/1982	25.4	34.0	2/2009	0.0	0.1	1.8	----	----	----
November	11.3	2.3	-7.2	26/1984	20.3	30.5	2/2007	0.0	0.2	1.2	----	----	----
December	6.8	-1.1	-9.4	27/1984	14.6	27.8	10/1998	0.0	0.1	1.3	----	----	----
Annual	15.3	7.5	-13.9	5/2/1984	22.8	41.5	21/6/1986	0.0	0.1	2.2	----	----	----

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	112.5	375.8	1992	1.5	1995	6.3	93.0	30/1992	134.5	3.4	3.8	4.4
February	176.0	297.0	2010	24.0	1997	8.7	98.0	18/2003	127.5	4.1	4.4	5.0
March	256.5	526.9	1988	26.0	2004	11.6	110.0	11/1993	150.0	3.9	4.4	5.2
April	166.0	353.0	1995	30.0	2000	10.5	87.0	26/2005	193.6	3.2	3.4	4.8
May	90.5	206.2	1992	7.0	2001	8.8	55.0	1/1989	250.7	2.4	2.4	4.5
June	56.4	152.6	2001	1.8	2000	7.3	71.6	14/2001	267.1	1.6	1.7	4.2
July	154.5	395.0	2010	29.5	1982	10.6	149.0	29/2010	254.1	4.1	3.8	4.8
August	147.5	296.0	1983	35.0	2009	11.0	81.8	19/1983	225.0	4.4	4.1	4.9
September	76.0	240.0	1991	21.0	2006	8.1	98.0	24/1993	217.1	2.5	2.4	4.0
October	72.3	406.3	2004	7.0	2007	4.9	166.0	10/2004	215.3	1.2	1.4	2.8
November	59.1	255.0	1986	0.0	3 Years	3.9	84.0	26/1986	181.4	1.8	2.3	2.8
December	79.9	288.0	1990	0.0	3 Years	5.2	102.0	11/1986	146.9	3.2	3.6	3.9
Annual	1447.2	2149.0	1986	911.4	2001	96.9	166.0	10/10/2004	2368.6	3.2	3.3	4.3

DROSH

Period : 1981-2010

WMO NO: 41515

ICAO ID: N/A

Elevation: 1464 m

Latitude: 35° 34' N Longitude: 71° 47' E

Established in 1897

Height => Barometer Cistern(amsl) = 1465 m, Anemometer (agl) = 3 m, Steven Screen (amsl/agl)= 1464 m /1.21 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	858.3	858.8	856.0	1542.0	1547.0	1521.5	2.3	1.9	7.3	63.7	64.5	40.8
February	856.5	857.0	854.4	1525.7	1530.6	1506.4	3.6	3.2	9.4	64.1	66.1	39.3
March	855.3	855.9	853.1	1515.3	1521.2	1494.6	7.5	7.2	14.5	61.9	64.1	37.2
April	854.1	854.8	851.5	1504.2	1510.9	1478.8	12.4	12.9	21.2	55.2	55.9	30.4
May	851.7	852.3	848.9	1480.8	1486.8	1452.8	17.2	19.1	27.2	47.7	46.8	24.5
June	848.3	848.5	844.6	1443.2	1448.5	1406.2	21.7	24.3	32.5	40.2	38.4	18.8
July	845.8	846.4	842.3	1421.2	1426.8	1381.9	24.3	26.3	34.5	50.1	49.2	23.3
August	847.3	848.0	844.0	1436.2	1444.9	1399.4	23.8	24.9	33.2	55.4	54.8	28.1
September	851.5	852.4	848.2	1479.3	1487.6	1444.5	19.9	19.7	29.7	52.1	54.1	23.8
October	856.5	856.9	856.4	1527.5	1535.5	1495.5	13.7	13.2	23.0	47.4	49.4	23.4
November	858.8	859.5	855.5	1548.8	1555.6	1520.6	8.4	8.0	15.6	45.1	46.6	25.7
December	859.3	859.9	856.9	1553.0	1557.8	1530.6	4.3	3.9	9.6	53.6	54.9	35.8
Annual	853.8	854.4	850.6	1499.7	1506.3	1468.6	13.1	13.7	21.2	53.8	53.6	29.5

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	4.7	0.1	-11.0	26/2008	9.4	20.6	1/1997	0.9	0.9	4.5	N73E	N45E	N52E
February	6.2	1.2	-8.6	1/2008	11.2	22.9	28/1985	0.9	0.9	4.3	N74E	N45E	N69E
March	10.8	5.1	-5.5	11/1986	16.6	29.5	31/2004	0.8	0.8	4.4	N52E	N45E	N68E
April	17.0	10.5	-3.0	6/2008	23.5	37.5	28/2007	0.9	0.9	3.9	S68W	N52E	N60E
May	22.9	15.6	4.1	8/1997	30.0	42.5	30/1988	1.1	1.0	4.6	S41W	N68E	N59E
June	27.7	20.0	11.0	7/2009	35.4	47.3	24/1990	0.6	0.6	6.3	S45W	N77E	N60E
July	29.9	22.6	11.5	21/2008	37.1	47.2	10/2006	0.4	0.3	9.6	S43W	N77E	N30E
August	28.8	21.9	11.0	18/2008	36.0	45.1	28/1990	0.2	0.2	8.7	S45W	N45E	N45E
September	25.3	17.7	6.7	30/1991	33.1	42.0	12/1996	0.2	0.1	7.2	S43W	S45W	S45W
October	19.0	11.3	0.0	16/1985	26.7	37.6	1/1985	0.3	0.2	4.4	S42W	S45W	S45W
November	12.8	6.2	-3.2	27/1985	19.4	30.5	1/2003	0.3	0.4	3.2	S45W	N60E	E
December	7.1	2.0	-7.6	31/1985	12.2	22.6	9/1998	0.6	0.7	3.7	N48E	N63E	N45E
Annual	17.8	11.6	-11.0	26/1/2008	24.1	47.3	24/6/1990	0.7	0.6	4.9	S39W	N56E	N61E

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	49.8	181.4	1992	0.0	1987	5.7	64.2	8/2008	141.6	3.3	3.7	4.2
February	72.1	168.2	1998	9.4	1997	7.8	60.1	15/1998	131.5	4.0	4.2	4.8
March	114.1	253.2	2007	22.9	2004	11.8	111.1	20/2007	156.0	4.1	4.4	5.1
April	97.7	166.8	1995	7.8	2000	10.9	105.3	1/2007	210.1	3.3	3.3	4.6
May	59.7	131.9	1991	6.1	1990	9.1	46.8	8/1997	260.1	2.3	2.3	4.3
June	24.5	67.9	1998	0.2	2008	4.9	30.0	24/2002	283.7	1.3	1.3	3.5
July	21.4	101.4	2010	1.0	2 Years	4.7	61.2	29/2010	299.8	2.1	2.0	3.2
August	18.3	58.7	1986	0.1	1991	4.0	30.0	18/1992	272.9	2.5	2.5	3.5
September	20.8	87.7	1991	0.3	1985	4.6	39.8	30/1991	235.4	1.4	1.5	3.3
October	34.2	231.1	2004	0.8	2010	5.0	131.0	10/2004	215.6	1.2	1.4	3.2
November	31.9	115.8	1986	0.0	2007	4.3	55.4	26/1986	182.4	1.7	2.3	2.9
December	40.2	126.7	2006	0.0	2 Years	5.6	65.6	11/1986	131.4	2.9	3.3	3.9
Annual	584.8	867.2	1992	349.0	2001	78.5	131.0	10/10/2004	2536.1	2.4	2.7	3.8

KAKUL

Period : 1981-2010

WMO NO: 41535

ICAO ID: N/A

Elevation: 1308 m

Latitude: 34° 11' N Longitude: 73° 15' E

Established in 1952

Height => Barometer Cistern(amsl) = 1309 m, Anemometer (agl) = 15 m, Steven Screen (amsl/agl)= 1308 m /1.4 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	870.7	868.3	867.4	1462.4	1468.9	1466.9	2.6	3.1	9.9	72.2	69.4	51.7
February	869.5	867.1	866.1	1449.9	1459.1	1454.3	4.0	5.1	11.4	74.9	70.2	52.3
March	865.3	866.3	865.3	1444.2	1454.8	1448.1	7.6	10.1	15.5	75.2	67.1	51.0
April	864.0	865.0	863.8	1436.9	1444.9	1436.3	11.8	15.6	21.7	72.0	62.6	44.7
May	861.8	862.8	861.4	1371.5	1382.6	1371.3	15.9	20.6	26.8	65.5	55.1	37.6
June	859.0	859.9	858.1	1386.9	1397.3	1380.4	19.5	24.0	30.0	65.7	55.0	37.0
July	858.3	859.2	857.4	1337.8	1346.6	1330.6	20.8	23.1	27.9	84.8	78.2	61.5
August	859.9	860.8	859.2	1396.4	1409.0	1390.6	20.2	22.2	26.5	89.0	83.9	69.7
September	863.1	864.5	862.8	1429.1	1440.1	1426.7	17.2	20.1	25.3	82.7	75.4	58.3
October	867.2	868.2	866.9	1463.0	1474.8	1465.8	11.8	15.2	21.1	72.7	63.9	46.9
November	868.7	869.8	868.5	1475.0	1486.1	1477.3	7.3	9.5	16.0	67.3	60.1	45.6
December	868.8	869.7	868.7	1473.3	1482.8	1477.8	4.1	4.9	11.6	68.3	63.3	50.1
Annual	862.0	863.0	861.7	1423.4	1434.4	1423.3	11.9	14.7	19.8	72.8	65.2	51.2

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	6.8	0.7	-7.3	23/1982	13.0	21.4	24/1990	0.1	0.1	1.1	----	----	----
February	8.1	2.3	-7.2	21/1982	13.9	24.7	26/2004	0.1	0.1	1.3	----	----	----
March	12.2	6.2	-2.5	4/2003	18.2	30.0	20/2010	0.2	0.2	1.6	----	----	----
April	17.2	10.5	0.1	7/1994	23.7	34.0	28/2006	0.2	0.2	1.4	----	----	----
May	21.7	14.7	5.3	2/2004	28.8	38.5	12/2001	0.3	0.3	1.5	----	----	----
June	25.1	18.2	9.3	1/1986	32.0	40.0	11/2007	0.2	0.2	1.6	----	----	----
July	24.5	19.4	12.2	25/1993	29.7	37.5	8/2009	0.2	0.1	1.6	----	----	----
August	23.7	18.9	13.3	30/1989	28.5	34.4	12/1987	0.1	0.1	1.3	----	----	----
September	21.9	15.9	7.8	18/1994	27.9	32.5	30/2009	0.2	0.1	1.3	----	----	----
October	17.7	10.4	3.2	29/1994	25.1	33.0	1/2009	0.2	0.1	1.0	----	----	----
November	13.3	5.8	-5.0	29/1995	20.8	28.0	9/2008	0.1	0.1	0.6	----	----	----
December	9.0	2.3	-5.0	16/1995	15.6	24.4	7/1998	0.1	0.1	0.6	----	----	----
Annual	16.5	10.3	-7.3	23/1/1982	22.7	40.0	11/6/2007	0.2	0.1	1.1	----	----	----

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	69.8	232.6	1992	0.5	2001	7.1	67.3	30/1992	168.6	2.7	3.4	4.0
February	104.4	282.0	2003	8.8	2001	9.7	103.7	18/2003	153.8	3.2	3.7	4.6
March	143.6	259.1	1981	13.4	2004	13.0	77.1	18/1984	187.0	3.2	4.0	4.8
April	111.9	222.5	1998	10.8	2000	11.5	85.8	21/1981	210.1	2.9	3.2	4.5
May	70.2	198.9	1987	11.2	1990	9.9	65.0	2/1989	243.2	2.6	2.3	3.8
June	88.9	248.7	2008	12.2	1985	10.2	83.4	30/1994	249.9	2.6	2.5	3.5
July	257.5	442.5	1988	98.2	1987	18.1	123.6	30/2010	203.3	4.8	4.5	4.6
August	235.6	413.1	1997	62.3	1993	17.0	140.4	27/1997	201.2	4.5	4.2	4.4
September	100.6	449.6	1992	7.7	1982	8.7	243.0	10/1992	233.0	2.3	2.4	2.9
October	50.6	156.3	1987	0.0	2007	5.0	58.8	3/1996	258.1	1.0	1.2	2.0
November	31.1	123.2	1986	0.0	2 Years	3.4	67.0	15/1986	221.8	1.3	1.9	2.3
December	60.4	271.2	1990	0.0	4 Years	5.3	64.7	16/1990	173.0	2.4	3.2	3.5
Annual	1324.7	1759.4	1992	940.0	2001	119.0	243.0	10/9/1992	2539.1	3.0	3.2	3.9

PARACHINAR

Period : 1981-2010

WMO NO: 41560

ICAO ID: OPPC

Elevation: 1725 m

Latitude: 33° 52' N Longitude: 70° 05' E

Established in 1897

Height => Barometer Cistern(amsl) = 1729 m, Anemometer (agl) = 8 m, Steven Screen (amsl/agl)= 1725 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	828.5	829.0	827.8	2088.3	1519.8	1507.8	-0.3	1.2	8.4	69.7	65.4	38.8
February	827.1	827.7	826.9	1504.5	1509.4	1496.1	0.9	2.7	9.5	72.1	67.4	42.3
March	827.0	827.5	826.5	1435.4	1503.2	1489.2	4.9	7.3	13.6	68.3	63.4	43.9
April	826.4	827.1	826.1	1490.9	1494.4	1480.3	10.5	13.8	19.3	63.9	52.3	38.4
May	824.8	825.3	824.3	1469.4	1471.4	1455.8	15.3	19.4	24.6	55.3	45.0	33.4
June	822.0	822.6	821.4	1436.8	1439.1	1421.3	19.5	23.5	28.1	50.9	41.9	31.4
July	821.3	821.8	820.7	1428.9	1432.4	1415.0	20.0	23.1	27.2	69.8	62.5	48.7
August	822.6	823.3	822.1	1442.9	1447.6	1431.4	19.2	21.8	26.0	78.8	70.0	56.5
September	825.7	826.5	825.3	1478.2	1484.0	1465.9	15.5	19.5	24.7	67.9	57.5	44.0
October	829.2	829.9	828.6	1517.8	1522.3	1501.6	10.8	14.2	20.5	56.0	49.4	34.3
November	830.4	831.0	829.8	1533.4	1534.3	1521.1	6.3	8.4	15.5	56.4	49.8	33.6
December	830.1	830.8	829.7	1534.0	1538.7	1523.0	1.7	3.7	10.7	63.2	56.0	36.6
Annual	826.2	826.8	825.6	1477.6	1491.2	1474.2	10.2	13.2	18.8	65.1	56.4	39.3

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	3.6	-4.4	-14.0	31/2001	10.7	21.0	1/1997	2.1	1.7	2.7	N29E	N33E	S20E
February	4.8	-2.3	-12.2	27/1995	11.4	21.9	10/1993	2.0	1.7	2.9	N27E	N38E	S21E
March	9.3	2.2	-12.7	1/1995	15.6	26.6	8/2004	1.9	1.7	3.2	N27E	N40E	S20E
April	14.7	7.7	-4.2	5/1994	21.7	34.0	17/2007	2.4	1.8	3.4	N27E	N45E	S24E
May	19.8	12.4	1.8	9/1997	27.2	37.5	8/2006	2.2	1.7	3.7	N29E	N56E	S22E
June	23.6	16.4	5.4	1/1997	30.9	39.0	27/2005	2.3	1.6	3.8	N30E	N65E	S25E
July	23.7	17.4	5.9	12/1996	30.1	38.0	2/1999	2.2	1.5	3.5	N34E	N82E	S29E
August	22.7	16.5	8.5	28/1997	28.9	34.6	1/1983	2.1	1.6	3.6	N31E	N71E	S29E
September	20.5	13.7	4.0	14/2001	27.3	36.2	8/1988	2.3	1.6	3.4	N31E	N59E	S28E
October	15.8	8.3	-0.2	(3)/1997	23.3	32.2	8/1989	2.5	1.8	3.3	N31E	N54E	S28E
November	10.8	3.2	-8.5	30/1995	18.4	27.4	1/1996	2.2	1.8	3.1	N28E	N45E	S27E
December	5.9	-1.4	-12.4	29/1997	13.5	25.2	10/1998	2.4	1.8	2.8	N25E	N39E	S21E
Annual	14.5	7.5	-14.0	31/1/2001	21.5	39.0	27/6/2005	2.3	1.6	3.2	N29E	N51E	S25E

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	55.9	260.6	2009	2.4	1987	3.1	41.7	1/2005	207.1	2.3	2.5	3.5
February	83.4	190.2	2009	16.4	1985	6.2	56.9	3/1982	195.0	3.1	3.1	4.4
March	136.2	389.7	1993	14.0	2008	12.1	113.6	11/1993	207.6	3.4	3.4	5.2
April	87.8	207.3	2008	9.6	2000	11.4	62.0	21/1992	233.4	2.7	2.6	5.3
May	72.0	192.1	1996	6.6	1988	10.5	79.0	22/1996	291.1	1.9	1.6	5.0
June	52.5	136.6	1997	7.5	1981	7.7	52.2	30/2008	296.7	1.4	1.1	4.7
July	83.5	166.5	1984	5.2	1983	10.6	58.3	2/2005	287.6	2.8	2.7	5.4
August	110.7	199.3	2008	36.5	1981	11.4	106.5	21/2004	269.2	3.1	2.9	5.5
September	53.9	116.2	2003	14.6	1985	7.6	60.0	28/2003	258.9	1.6	1.4	4.5
October	34.0	142.5	1997	0.0	1984	5.7	54.3	2/2000	279.3	1.1	1.0	3.2
November	21.1	98.2	2006	0.0	3 Years	3.6	50.0	22/1989	246.4	1.5	1.6	3.1
December	34.4	128.2	2006	0.0	3 Years	4.2	42.6	11/1986	203.3	2.6	2.6	3.6
Annual	814.3	1138.0	2006	450.8	2009	94.0	113.6	11/3/1993	2995.8	2.0	2.0	4.3

PESHAWAR

Period : 1981-2010

WMO NO: 41530

ICAO ID: OPSS

Elevation: 359 m

Latitude: 34° 01' N Longitude: 71° 35' E

Established in 1866

Height => Barometer Cistem(amsl) = 360 m, Anemometer (agl) = 12 m, Steven Screen (amsl/agl)= 359 m /1.1 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	975.3	976.3	974.6	1018.5	1019.5	1016.3	6.1	5.8	16.4	80.2	78.8	49.1
February	973.3	974.4	972.6	1016.0	1017.1	1014.0	8.7	8.7	18.6	78.1	76.0	42.1
March	970.6	971.9	969.8	1012.6	1013.9	1010.3	13.2	13.7	22.9	79.4	75.1	43.9
April	967.2	968.5	966.0	1008.3	1009.4	1005.5	17.9	20.1	28.9	74.0	66.8	38.7
May	962.6	964.0	961.0	1002.8	1003.7	998.6	23.0	26.8	34.8	60.9	51.3	29.8
June	954.6	959.4	955.8	997.5	998.5	993.8	26.4	30.2	38.2	60.0	51.0	30.4
July	957.2	958.6	955.3	996.6	997.8	993.4	27.7	29.3	35.9	73.4	67.9	47.8
August	959.5	960.8	957.6	999.0	999.3	996.2	26.6	27.9	34.2	80.8	77.2	56.0
September	963.9	965.4	962.3	1004.1	1005.5	1001.2	24.0	25.0	32.9	79.3	75.2	49.6
October	969.0	971.3	968.9	1011.2	1012.6	1008.3	17.5	18.2	28.3	78.2	73.6	46.6
November	973.7	975.1	972.7	1016.1	1017.5	1013.5	11.4	11.3	21.8	78.6	76.5	53.3
December	975.7	976.8	975.0	1018.8	1019.9	1016.5	7.0	6.8	16.9	80.6	79.1	55.3
Annual	966.7	968.4	965.9	1008.4	1009.5	1005.6	17.1	18.4	27.3	75.4	70.9	45.1

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	11.5	4.4	-1.6	10/1983	18.6	27.0	30/2007	1.2	1.6	2.2	S23W	S25W	N38W
February	13.6	7.0	-0.6	9/1984	20.1	30.0	9/1993	1.5	2.0	4.6	S35W	S24W	N27W
March	17.8	11.8	3.5	2/1995	24.4	34.5	25/2010	1.9	2.1	5.1	S41W	S40W	N
April	23.7	16.8	7.0	7/1994	30.6	41.5	30/1999	2.1	2.1	6.4	S43W	S39W	N16E
May	29.4	22.0	12.0	9/1997	36.7	47.2	31/1984	2.4	2.8	7.8	S48W	N77W	N43E
June	32.8	25.5	17.0	13/1981	40.1	50.0	18/1995	2.8	3.4	8.5	N65W	N27W	N45E
July	32.2	26.6	18.0	12/1992	37.7	46.6	7/1992	3.7	4.2	8.2	N32W	N26W	N33E
August	30.9	25.9	20.0	30/1988	35.9	46.0	12/1987	3.1	3.6	7.4	N28W	N29W	N34E
September	29.0	23.0	12.0	30/1991	35.1	41.5	8/1988	2.0	2.6	6.2	N53W	N48W	N36E
October	23.8	16.3	10.0	31/1994	31.2	38.5	5/2006	1.1	1.3	3.2	S38W	S61W	N40E
November	17.8	9.9	1.5	30/1995	25.7	34.5	1/1996	1.1	1.3	1.3	S31W	S30W	N40E
December	13.0	5.3	-1.3	25/1984	20.5	28.5	1/2008	1.1	1.5	1.3	S24W	S28W	S49W
Annual	22.8	15.8	-1.6	10/1/1983	29.8	50.0	18/ 6/1995	1.1	1.2	3.8	S76W	W	N31E

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	40.9	150.3	1999	0.0	2 Years	4.4	72.0	1/2005	183.2	2.8	3.4	3.7
February	60.1	236.0	2007	1.6	2001	6.7	84.0	11/2007	181.0	3.2	3.8	4.1
March	80.7	178.5	1993	11.0	2008	10.8	67.0	11/1993	195.2	3.6	4.1	4.8
April	62.1	267.0	2008	5.0	2000	9.1	119.0	5/2008	238.2	3.2	3.4	4.9
May	22.6	71.4	1991	1.0	2004	7.3	48.0	5/2009	290.8	2.7	2.3	4.3
June	20.4	81.0	2010	0.0	1985	3.7	62.0	29/2007	289.1	2.2	1.7	3.6
July	58.3	409.0	2010	2.0	1982	6.1	274.0	29/2010	263.0	3.8	3.4	3.9
August	77.1	274.0	2008	0.0	1987	7.8	86.8	17/1984	247.2	4.0	3.9	4.0
September	29.4	111.0	2003	0.0	2 Years	4.6	65.0	25/2003	252.9	1.9	2.0	3.1
October	22.1	203.0	1996	0.0	5 Years	3.6	142.0	3/1996	262.2	1.1	1.3	2.5
November	13.8	64.1	1986	0.0	5 Years	2.6	47.5	26/1986	223.0	1.5	2.2	2.7
December	19.9	94.7	1985	0.0	5 Years	3.8	56.0	5/2006	152.0	2.3	3.2	3.6
Annual	507.9	904.5	2003	252.3	1989	70.4	274.0	29/ 7/2010	2811.6	2.6	2.9	3.7

SAIDU SHARIF

Period : 1981-2010

WMO NO: 41523

ICAO ID: OPSS

Elevation: 961 m

Latitude: 34° 44' N Longitude: 72° 21' E

Established in 1973

Height => Barometer Cistern(amsl) = 962 m, Anemometer (agl) = 5.3 m, Steven Screen (amsl/agl)= 961 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	912.6	912.6	911.0	1519.7	1519.5	1522.7	3.5	3.4	12.3	83.4	80.9	56.1
February	911.0	911.3	909.6	1510.7	1512.2	1514.6	5.8	5.7	14.4	84.0	79.0	54.7
March	909.5	909.8	908.0	1505.8	1507.1	1508.7	9.9	10.1	18.9	79.3	76.1	50.6
April	909.9	907.9	905.8	1492.0	1501.7	1498.8	13.2	15.7	24.9	77.9	70.6	46.6
May	904.2	904.8	902.4	1470.7	1482.6	1476.6	17.5	21.3	30.5	70.9	60.6	39.5
June	900.5	901.0	898.4	1441.8	1454.5	1442.9	21.3	25.3	33.9	67.8	56.9	37.3
July	899.3	899.9	897.4	1434.5	1444.2	1433.0	23.3	25.4	32.5	81.7	75.9	54.8
August	901.1	901.8	899.3	1449.9	1458.6	1449.7	22.5	24.1	31.5	87.7	83.3	60.9
September	905.1	905.7	903.2	1481.0	1490.4	1484.7	18.7	20.3	29.8	85.4	80.5	53.5
October	910.2	910.4	908.0	1517.1	1521.0	1521.1	12.7	13.9	25.3	83.3	76.7	45.9
November	912.0	912.8	910.5	1523.2	1530.3	1532.7	7.4	7.8	18.8	82.1	78.1	49.6
December	912.5	913.5	911.6	1520.8	1529.0	1531.5	4.4	4.3	13.8	81.3	79.7	55.1
Annual	907.3	907.6	905.4	1488.9	1495.8	1491.5	13.4	14.9	23.5	80.4	73.9	51.9

Month	Mean Temperature (°C)	Minimum Temperature (°C)				Maximum Temperature (°C)			Wind					
		Mean	Lowest			Mean	Highest		Speed (knots)			Direction		
			Extreme	Date			Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27	
January	8.3	1.8	-3.0	27/2008	14.5	25.0	31/2007	0.1	0.2	0.2	S	S10E	S	
February	10.1	3.9	-2.0	28/1995	16.1	27.0	10/2006	0.0	0.4	0.5	S	S 8E	S39W	
March	14.1	7.8	-1.0	1/1995	20.7	33.5	20/2010	0.2	0.5	0.8	S	S 8E	W	
April	19.1	12.0	4.0	2/1995	26.8	38.0	29/2006	0.6	0.6	1.0	S14E	S 8E	S67W	
May	24.3	16.5	7.0	9/1998	32.8	43.3	31/1988	0.6	0.3	1.9	S	S26E	W	
June	27.9	20.2	13.0	13/1998	36.3	45.0	24/2005	0.2	0.1	2.2	S12E	S	W	
July	27.9	22.2	15.2	30/2002	34.6	41.5	10/2006	0.1	0.1	1.5	S	S	S69W	
August	26.7	21.5	14.8	30/1988	33.1	39.4	2/1983	0.1	0.1	0.7	S	S41E	S56W	
September	24.3	17.5	9.4	30/2002	31.9	37.0	1/2005	0.1	0.1	0.5	S	S	S45W	
October	19.5	11.4	5.2	31/1984	28.0	35.5	1/2009	0.0	0.1	0.5	S	S28E	W	
November	14.2	5.9	0.1	22/2002	22.4	31.0	1/2007	0.1	0.1	0.2	S	S24E	S	
December	9.9	2.7	-3.0	2/2002	16.6	26.5	1/2008	0.1	0.3	0.2	S	S16E	S43W	
Annual	18.9	12.0	-3.0	27/ 1/2008	25.8	45.0	24/ 6/2005	0.2	0.2	1.0	S	S14E	S66W	

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	82.6	276.4	1992	0.0	2001	5.4	96.0	30/1992	-----	3.2	3.6	4.0
February	120.0	293.5	1998	5.8	1985	7.8	99.0	18/2003	-----	4.0	4.0	4.6
March	157.1	372.3	1987	7.5	2004	10.5	98.0	28/1986	-----	3.4	4.2	4.9
April	125.0	387.2	1991	9.3	2000	10.0	87.0	28/2010	-----	3.3	3.2	4.5
May	63.1	199.1	1991	6.2	1984	8.2	61.6	2/1989	-----	2.7	2.3	4.1
June	57.5	175.9	2007	2.6	1985	6.4	100.0	29/2007	-----	2.2	1.9	3.7
July	166.0	472.0	2010	47.8	1996	11.0	187.0	29/2010	-----	4.5	3.9	4.1
August	124.7	286.0	2010	34.6	2001	11.2	88.2	2/1989	-----	4.5	4.1	3.8
September	73.0	175.1	1999	14.9	2001	6.9	72.1	30/1999	-----	2.6	2.4	2.9
October	46.8	207.2	1987	0.0	2007	4.7	91.8	10/1987	-----	1.3	1.4	2.4
November	33.4	104.0	1982	0.0	2 YEARS	2.8	83.0	16/1982	-----	1.8	2.2	2.5
December	51.6	176.8	1985	0.0	4 YEARS	4.1	72.2	11/1986	-----	2.6	3.3	3.6
Annual	1081.5	1639.9	1991	695.7	1984	88.8	187.0	29/ 7/2010	-----	3.0	3.1	3.8

BAHAWALNAGAR

Period : 1981-2010

WMO NO: 41678

ICAO ID: OPBR

Elevation: 161 m

Latitude: 29° 57' N Longitude: 73° 15' E

Established in 1962

Height => Barometer Cistern(amsl) = 162 m, Anemometer (agl) = 9.75 m, Steven Screen (amsl/agl)= 161 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	998.6	999.7	997.8	1018.3	1019.4	1016.9	7.9	8.2	18.3	88.6	85.8	49.5
February	996.1	997.2	995.3	1015.5	1016.7	1014.1	10.8	11.6	21.8	84.7	79.4	43.0
March	992.6	994.0	991.8	1011.7	1013.0	1010.1	15.8	17.6	27.4	79.2	70.6	36.7
April	988.4	989.8	987.0	1007.0	1008.3	1004.8	21.5	25.0	34.9	62.2	49.8	23.8
May	981.9	985.1	982.1	1002.0	1003.2	999.6	26.4	30.2	39.7	54.4	43.5	21.6
June	979.9	981.3	978.2	998.0	999.3	995.6	29.2	32.1	40.3	61.0	52.6	28.9
July	979.5	980.7	978.0	997.6	998.8	995.6	29.3	31.1	37.1	74.6	68.6	46.1
August	981.8	983.0	980.5	1000.0	1001.1	998.1	28.5	30.3	36.0	78.7	71.0	50.2
September	986.3	987.6	985.0	1004.7	1006.0	1002.8	25.9	28.1	35.3	79.1	70.5	44.5
October	992.2	993.6	991.0	1010.9	1012.2	1009.1	20.3	22.5	31.9	77.3	66.5	35.0
November	996.4	997.8	995.4	1015.7	1017.0	1013.9	14.2	15.7	26.4	81.2	72.6	39.3
December	998.8	999.9	997.9	1018.4	1019.6	1016.7	9.2	9.8	20.5	86.8	83.4	48.1
Annual	989.4	990.9	988.4	1008.4	1009.6	1006.5	19.5	22.0	30.4	76.2	66.4	39.3

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	13.3	6.6	0.5	27/2008	20.0	29.3	27/1990	1.0	1.0	2.3	N46E	N57E	N38W
February	16.4	9.5	0.5	9/2008	23.3	35.6	28/1985	1.3	1.3	3.2	N52E	N55E	N15W
March	21.8	14.7	5.3	5/2003	28.9	40.5	21/2010	2.1	2.1	3.8	N54E	N71E	N 7W
April	28.6	20.7	12.5	12/2006	36.3	46.3	30/2007	2.0	2.4	4.1	N62E	N80E	N37W
May	33.4	25.6	14.4	14/1983	41.3	49.9	18/2002	3.1	3.9	4.6	E	S55E	N58W
June	35.0	28.2	18.3	12/1985	41.9	50.1	20/1986	3.3	5.1	4.9	S28E	S 5W	S55W
July	33.6	28.3	16.1	21/1982	38.7	46.4	20/2002	2.9	4.3	4.4	S36E	S 6E	S
August	32.9	27.7	21.4	18/1982	37.8	44.7	4/2002	2.8	3.6	4.4	S25E	S 3E	S
September	31.0	25.1	13.1	22/1982	36.9	41.5	4/2005	1.9	2.7	3.7	S49E	S14E	N61W
October	26.8	19.5	11.3	30/1983	34.5	41.5	6/2002	1.1	1.3	2.3	N82E	S81E	N16W
November	21.3	13.4	5.0	30/2005	29.6	37.1	2/2001	0.8	0.8	1.6	N70E	E	N17W
December	15.4	8.1	1.1	24/2005	23.2	30.1	4/2001	0.7	0.7	1.5	N54E	N66E	N12W
Annual	25.6	18.8	0.5	9/2/2008	32.4	50.1	20/ 6/1986	2.3	2.6	3.4	E	S54E	N35W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	11.4	53.5	1992	0.0	6 Years	2.0	33.4	31/1992	194.0	1.5	2.0	2.6
February	17.3	143.0	1990	0.0	3 Years	2.6	93.0	27/1990	207.8	2.0	2.5	2.9
March	15.7	55.9	1989	0.0	4 Years	3.1	42.0	12/1988	245.3	2.0	2.4	2.9
April	10.8	73.5	1991	0.0	3 Years	2.7	36.0	14/1991	268.2	1.7	1.9	2.3
May	13.2	105.1	1997	0.0	7 Years	2.9	102.7	31/1993	269.2	1.6	1.4	1.6
June	39.2	197.5	2007	0.0	3 Years	3.4	103.0	23/1997	234.5	1.8	1.7	1.6
July	70.8	263.1	1995	0.0	2 Years	5.6	75.0	19/1993	228.1	3.1	2.8	3.6
August	34.2	216.0	1992	0.0	3 Years	3.8	109.0	19/1992	255.7	2.5	2.3	3.5
September	14.9	115.5	1992	0.0	7 Years	1.9	82.0	4/1992	272.6	1.1	1.2	1.7
October	7.9	96.0	1995	0.0	21 Years	0.9	35.0	2/1997	276.2	0.5	0.6	0.7
November	2.5	20.0	1990	-0.1	1993	0.8	20.0	22/1990	242.8	0.7	1.0	1.1
December	3.6	30.8	1990	0.0	11 Years	1.3	30.0	29/1990	202.8	1.1	1.6	2.0
Annual	242.1	523.2	1995	57.1	1985	31.0	109.0	19/ 8/1992	2903.3	1.8	1.8	2.3

BAHAWALPUR

Period : 1981-2010

WMO NO: 41700

ICAO ID: OPBW

Elevation: 116 m

Latitude: 29° 24' N Longitude: 71° 47' E

Established in 1926

Height => Barometer Cistem(amsl) = 117 m, Anemometer (agl) = 14 m, Steven Screen (amsl/agl)= 116 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1003.2	1004.3	1002.5	1016.7	1017.9	1015.4	7.5	7.7	19.3	85.6	85.0	48.4
February	1000.7	1001.8	999.9	1013.9	1015.1	1012.5	10.3	11.0	22.4	82.0	80.2	45.3
March	997.2	998.6	996.2	1010.2	1011.5	1008.6	15.2	16.8	27.8	79.1	73.0	39.9
April	992.9	994.3	991.6	1005.6	1006.9	1003.7	20.7	24.3	35.2	63.3	54.9	26.0
May	988.0	989.6	986.6	1000.4	1001.8	998.5	26.1	29.7	40.0	55.6	47.1	23.1
June	984.0	985.4	982.4	996.3	997.5	994.1	29.1	31.8	40.8	61.6	56.2	30.6
July	983.6	984.8	982.1	995.8	996.9	994.0	29.4	31.0	37.6	73.9	68.8	45.6
August	985.9	987.0	984.6	998.2	999.3	996.6	28.4	29.8	36.3	79.1	72.6	51.0
September	990.4	991.7	989.4	1002.9	1004.1	1001.5	25.5	27.5	35.0	79.4	73.5	47.9
October	996.6	997.9	994.8	1009.3	1010.6	1007.9	19.4	21.4	31.9	78.7	71.0	41.8
November	1000.9	1002.2	999.9	1014.0	1015.3	1012.4	13.3	14.6	26.8	81.1	75.0	43.4
December	1003.5	1004.6	1002.6	1016.9	1018.1	1015.4	8.5	8.8	21.3	85.9	83.2	48.2
Annual	994.0	995.3	992.7	1006.8	1008.0	1005.1	19.1	21.0	30.8	75.9	69.6	40.6

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	13.5	6.0	0.3	2/1991	21.0	29.8	8/1997	0.8	1.0	1.8	N55E	N70E	N20E
February	16.3	8.8	0.0	24/1984	23.8	34.0	11/1993	1.3	1.6	2.6	N64E	N80E	N 7E
March	21.6	14.0	6.5	6/2003	29.2	41.0	23/2010	1.5	1.7	2.7	N52E	N65E	N 9E
April	27.9	19.4	9.6	7/1994	36.4	45.6	30/2007	1.9	2.2	3.1	N74E	E	N40W
May	33.2	25.0	15.1	7/1989	41.3	49.0	28/2010	2.7	3.2	3.4	S	S13W	W
June	35.0	27.9	17.1	12/1998	42.2	50.0	20/1992	3.5	5.1	4.0	S25W	S30W	S48W
July	33.9	28.3	21.5	6/1996	39.5	48.0	1/1995	3.4	4.7	3.9	S15W	S32W	S51W
August	32.6	27.3	22.2	31/1988	37.8	44.0	26/1998	3.1	3.9	3.4	S19W	S23W	S77W
September	30.6	24.6	17.2	30/1994	36.6	41.0	1/2002	2.2	2.8	2.9	S16W	S20W	N82W
October	26.4	18.5	11.6	27/1983	34.2	40.0	1/2000	1.2	1.4	1.6	S64E	S45E	N 7W
November	20.9	12.2	3.0	30/1995	29.5	37.0	2/2001	0.7	0.9	1.0	E	S65E	N
December	15.5	7.2	0.5	28/1984	23.8	31.8	8/2003	0.7	0.8	1.2	N54E	N72E	N18E
Annual	25.3	18.0	0.0	24/ 2/1984	32.7	50.0	20/ 6/1992	2.0	2.5	2.6	S18E	S12E	N45W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	7.4	40.6	1992	0.0	7 Years	1.0	20.0	16/2009	227.9	1.3	2.0	1.9
February	10.0	45.1	2005	0.0	2 Years	1.6	22.0	17/1999	227.3	1.6	2.2	2.2
March	10.0	45.1	1982	0.0	4 Years	2.0	19.0	21/2005	266.4	1.6	2.1	2.3
April	10.5	48.5	1983	0.0	4 Years	2.1	30.0	8/1982	282.2	1.6	1.7	1.8
May	7.1	34.0	1993	0.0	7 Years	1.4	34.0	31/1993	304.0	1.2	1.0	1.0
June	16.2	106.4	1997	0.0	8 Years	1.5	42.0	28/1997	259.9	1.1	1.0	1.0
July	40.4	157.0	1989	0.0	3 Years	3.3	67.0	24/1983	270.5	2.4	2.5	2.7
August	39.1	133.5	1986	0.0	2005	2.2	79.0	18/1992	294.8	1.7	1.8	2.2
September	16.5	138.0	1992	0.0	13 Years	0.8	86.0	4/1992	280.2	0.8	0.8	0.8
October	4.7	113.5	1997	0.0	20 Years	0.7	30.0	4/1997	295.7	0.3	0.4	0.4
November	1.4	12.0	1989	0.0	18 Years	0.3	12.0	24/1989	264.4	0.4	0.8	0.9
December	4.7	48.0	2008	0.0	13 Years	0.5	46.0	31/2004	230.6	0.9	1.6	1.6
Annual	168.6	381.4	1992	41.9	2002	17.4	86.0	4/9/1992	3209.1	1.4	1.6	1.7

FAISALABAD

Period : 1981-2010

WMO NO: 41630

ICAO ID: OPFA

Elevation: 183 m

Latitude: 31° 26' N Longitude: 73° 06' E

Established in 1913

Height => Barometer Cistem(amsl) = 184 m, Anemometer (agl) = 13 m, Steven Screen (amsl/agl)= 183 m/1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	996.0	996.7	991.7	1018.7	1019.4	1016.9	6.8	6.7	17.3	89.9	87.8	51.9
February	993.0	994.3	992.5	1015.3	1016.6	1014.0	10.3	10.0	20.7	87.3	81.8	44.4
March	989.8	991.3	989.2	1011.6	1013.1	1010.3	15.4	16.4	25.9	82.7	74.1	40.1
April	986.0	987.2	984.7	1007.4	1008.3	1005.4	19.9	23.9	32.9	68.8	54.3	29.3
May	981.3	982.4	980.0	1002.3	1003.1	999.9	25.0	29.7	38.1	57.6	43.3	25.5
June	977.6	978.3	975.5	998.2	998.7	995.4	27.9	31.6	39.1	64.2	51.5	31.8
July	977.8	977.9	975.4	997.7	998.4	995.5	28.5	30.7	35.8	79.0	70.7	50.0
August	979.4	980.2	977.8	1000.1	1000.8	998.0	27.8	29.8	34.5	83.0	75.2	54.7
September	984.0	984.9	982.4	1005.0	1005.8	1002.8	25.1	27.4	33.8	84.1	73.8	47.2
October	989.9	990.9	988.6	1011.5	1012.3	1009.3	18.7	21.4	30.6	81.5	71.3	39.2
November	993.5	994.9	992.8	1015.6	1017.0	1014.0	12.4	13.7	24.4	86.6	81.8	45.1
December	995.4	997.1	995.2	1018.0	1019.6	1016.9	7.6	7.9	19.0	87.8	86.3	50.1
Annual	987.0	988.0	985.3	1008.5	1009.4	1006.5	18.8	20.9	29.2	79.4	70.0	42.4

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	11.8	4.7	-1.0	6/2006	19.0	26.2	27/2007	0.5	0.5	1.4	N	N26W	N30W
February	14.8	7.5	0.0	17/1991	22.1	30.8	10/1993	0.9	0.9	2.8	N	N	N31W
March	20.0	12.9	3.5	1/1995	27.1	37.0	18/2004	1.1	1.4	3.0	N28E	N14E	N27W
April	26.2	18.3	7.0	7/1994	34.1	44.0	29/2007	1.7	2.5	3.5	N42E	N62E	N18W
May	31.4	23.7	14.3	2/1990	39.1	47.5	27/2010	1.8	3.4	3.8	N65E	N86E	N
June	33.5	26.7	19.0	5/1998	40.2	48.0	24/2005	2.1	4.1	4.4	S59E	S35E	S13E
July	32.3	27.2	20.5	30/2001	37.3	45.6	1/1991	2.1	4.1	4.6	S52E	S41E	S31E
August	31.6	26.7	18.6	30/1988	36.4	42.0	4/2002	1.6	3.5	4.4	S45E	S31E	S27E
September	29.8	24.0	15.6	29/1991	35.6	40.0	6/2000	1.0	2.3	3.4	S48E	S33E	S17E
October	25.1	17.4	9.0	20/1981	32.8	38.5	1/2009	0.6	1.0	1.6	E	S73E	S62E
November	19.2	11.0	2.5	30/1995	27.3	34.0	1/1996	0.3	0.5	0.8	N	N48E	N
December	13.7	5.8	-1.3	28/1984	21.7	29.2	7/1998	0.4	0.4	0.8	N	N	N39W
Annual	23.9	16.9	-1.3	28/12/1984	30.9	48.0	24/ 6/2005	0.0	1.6	2.1	S77E	S58E	S

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	11.1	45.7	2008	0.0	2 Years	2.3	25.0	30/1992	192.2	1.6	2.3	2.5
February	19.1	84.0	2003	0.0	1985	3.1	37.0	18/2003	195.7	2.2	2.7	2.8
March	23.8	112.2	2005	0.0	2 Years	3.9	74.0	10/2005	242.0	1.7	2.7	2.8
April	23.7	114.9	1991	0.0	4 Years	3.3	63.4	9/1991	266.6	1.9	2.2	2.3
May	14.9	129.0	1987	0.0	4 Years	2.5	63.5	9/1987	296.2	1.8	1.4	1.5
June	43.8	153.0	2001	0.0	1988	3.8	70.0	17/2001	266.8	2.0	1.7	1.2
July	100.8	435.3	1981	3.9	1991	6.5	180.3	16/1981	247.3	2.9	2.9	3.1
August	87.0	267.1	1997	0.0	1995	5.6	136.0	27/1997	250.5	2.2	2.4	3.2
September	42.5	129.5	2005	0.0	2 Years	2.8	82.0	6/1998	266.3	1.2	1.2	1.6
October	4.7	39.0	1997	0.0	17 Years	0.8	22.0	21/1997	270.4	0.5	0.6	0.6
November	2.0	18.0	1997	0.0	16 Years	0.6	12.0	10/1997	233.8	0.6	1.0	1.1
December	7.1	46.2	2006	0.0	11 Years	1.3	39.7	5/2006	205.2	1.3	2.0	2.0
Annual	381.1	806.7	1997	172.4	1995	36.6	180.3	16/ 7/1981	2943.1	1.2	1.9	2.1

ISLAMABAD (AP)

Period : 1981-2010

WMO NO: 41571

ICAO ID: OPRN

Elevation: 507 m

Latitude: 33° 37' N Longitude: 73° 06' E

Established in 1945

Height => Barometer Cistem(amsl) = 508 m, Anemometer (agl) = 13 m, Steven Screen (amsl/agl)= 507 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	958.7	958.7	957.3	1018.8	1019.8	1016.1	5.1	4.8	14.8	87.4	86.8	46.6
February	955.8	956.8	955.3	1016.1	1017.1	1013.4	7.7	7.8	17.8	84.1	82.5	43.4
March	953.3	954.6	952.8	1012.6	1013.6	1009.5	12.0	13.6	22.7	80.2	74.0	39.3
April	950.3	951.5	949.5	1008.3	1008.9	1005.0	16.7	20.4	28.6	72.7	60.1	32.3
May	946.3	947.6	945.2	1003.1	1003.5	999.6	21.5	26.6	34.4	62.0	47.6	26.5
June	942.6	943.8	940.9	998.5	999.0	994.5	24.7	29.4	36.8	63.5	49.3	30.3
July	942.3	943.4	940.7	998.1	998.8	994.9	25.6	27.8	33.7	81.7	73.5	52.8
August	944.2	945.4	942.9	1000.2	1001.1	997.5	25.0	26.6	32.1	88.8	81.6	60.9
September	948.2	949.6	946.9	1005.1	1006.1	1002.0	22.1	24.3	31.6	85.3	76.0	50.5
October	953.5	954.9	949.3	1012.0	1013.0	1008.6	15.5	17.6	27.8	83.9	76.1	41.4
November	956.8	958.1	956.0	1016.7	1017.9	1013.4	9.5	10.3	21.8	86.2	82.7	44.0
December	958.3	959.4	957.7	1019.2	1020.3	1016.3	5.9	5.7	16.6	87.6	86.8	48.7
Annual	950.8	951.8	949.3	1009.1	1009.9	1005.9	15.6	17.6	26.2	81.5	74.3	44.0

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	10.6	3.2	-2.0	21/2008	17.9	30.1	30/1995	0.7	0.6	6.4	N37E	S	W
February	12.9	6.0	-1.1	24/1984	19.7	30.0	28/1985	1.2	1.1	8.8	N	N	N82W
March	17.6	10.7	2.2	11/1982	24.5	34.5	21/2010	1.6	1.4	9.5	N20E	N30E	N72W
April	23.1	15.8	5.1	7/1994	30.5	40.6	29/2006	2.4	2.2	10.0	N20E	N13E	N67W
May	28.3	20.7	10.5	9/1997	36.0	45.6	31/1988	2.9	2.6	9.9	N29E	N36E	N72W
June	31.0	23.7	16.1	1/1986	38.4	46.6	23/2005	2.8	3.5	9.4	N63E	N85E	S48W
July	29.8	24.4	18.0	5/1981	35.3	44.4	5/1987	3.6	3.5	8.3	N85E	S84E	S16E
August	28.8	23.8	17.5	30/1982	33.7	42.0	11/1987	3.1	2.4	6.7	N77E	N79E	S 5E
September	27.4	21.1	13.3	26/1994	33.7	38.1	5/1982	1.5	1.5	5.9	N63E	N66E	S51W
October	22.7	14.5	5.7	31/1984	30.9	37.5	1/2009	0.8	0.7	4.9	N32E	N40E	N85W
November	17.1	8.3	1.0	30/1981	25.9	32.2	2/1999	0.6	0.4	4.5	N	N	N86W
December	12.2	4.3	-2.8	25/1984	20.2	28.3	7/1998	0.4	0.4	5.0	E	E	W
Annual	21.5	14.3	-2.8	25/12/1984	28.7	46.6	23/ 6/2005	1.3	1.2	5.1	N53E	N67E	S83W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	56.2	159.8	1981	0.0	1984	5.6	66.7	15/1996	175.6	2.7	3.5	3.8
February	84.1	248.8	1998	4.0	2001	7.3	95.0	11/2007	175.0	3.3	3.9	4.4
March	92.4	224.0	1981	18.0	2000	10.3	76.0	2/2003	202.8	3.4	4.1	4.7
April	63.2	264.9	1983	2.0	1999	8.8	75.5	16/1983	238.9	3.1	3.5	4.6
May	35.8	109.6	1981	5.3	1989	8.1	65.5	5/1981	303.8	3.1	2.6	4.0
June	75.3	255.0	2008	8.1	1985	8.8	112.5	23/1984	289.1	3.0	2.8	3.3
July	307.8	743.3	1995	58.0	2009	14.9	200.0	24/2001	257.3	4.8	4.5	4.2
August	340.3	641.4	1982	172.9	1986	15.7	200.0	27/1997	235.5	4.6	4.5	4.3
September	110.7	257.9	1992	1.3	1987	8.5	168.4	10/1992	254.0	2.4	2.6	2.6
October	31.7	95.8	1997	0.0	3 Years	3.7	48.5	3/1996	259.3	1.1	1.3	2.0
November	14.4	83.0	1982	0.0	4 Years	2.7	79.7	16/1982	217.6	1.4	2.2	2.6
December	36.3	177.9	1990	0.0	4 Years	4.6	102.0	5/2006	166.2	2.5	3.4	3.7
Annual	1248.5	1796.0	2007	607.0	2009	99.1	200.0	24/ 7/2001	2796.9	2.9	3.3	3.7

ISLAMABAD (Zero Point)

Period : 1983-2010

WMO NO: 41577

ICAO ID: N/A

Elevation: 543 m

Latitude: 33° 42' N Longitude: 73° 05' E

Established in 1967

Height => Barometer Cistern(amsl) = 544 m, Anemometer (agl) = 9.8 m, Steven Screen (amsl/agl)= 544 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	956.0	956.5	955.2	1020.0	1020.9	1017.1	3.9	4.0	15.0	92.8	91.6	51.6
February	954.5	954.6	953.1	1017.5	1018.1	1014.5	6.6	7.4	17.6	89.5	86.9	47.4
March	951.3	952.4	950.7	1014.1	1014.6	1010.8	10.7	13.1	22.5	87.4	80.1	43.3
April	948.4	949.4	947.6	1010.0	1010.1	1006.4	14.8	19.7	28.5	83.3	67.0	37.1
May	944.4	945.5	943.3	1003.6	1004.5	999.6	19.6	26.2	34.0	71.2	51.8	30.2
June	940.8	942.3	939.1	1000.2	1000.0	996.1	23.3	29.1	36.2	72.1	53.8	33.1
July	940.5	941.4	939.0	999.4	1000.0	996.4	24.8	27.6	33.3	87.6	76.7	56.5
August	942.5	943.3	941.2	1001.5	1002.3	999.0	24.3	26.5	31.7	92.5	84.2	65.1
September	946.5	947.5	945.1	1006.7	1007.1	1003.4	21.0	24.0	30.9	92.1	81.9	58.6
October	951.7	949.2	950.7	1013.7	1014.2	1010.0	13.8	16.9	26.4	92.3	84.9	55.1
November	955.0	956.1	954.1	1018.4	1019.2	1015.0	8.0	9.7	20.3	93.3	89.2	58.0
December	956.4	957.2	955.5	1020.6	1021.4	1017.4	4.7	4.9	15.8	93.9	93.0	58.0
Annual	949.0	949.6	948.0	1010.6	1011.2	1007.2	14.3	17.5	25.5	87.8	78.1	50.6

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	10.2	2.2	-3.5	28/1984	18.1	28.4	30/2007	0.3	0.2	1.8	N45E	E	N64W
February	13.0	5.1	-2.2	24/1984	20.0	30.2	29/2008	0.4	0.4	2.7	S45W	N45W	N67W
March	17.1	9.6	2.1	4/2003	24.6	34.4	20/2002	0.6	0.4	3.2	N	E	N82W
April	22.3	14.1	4.0	7/1994	30.5	40.6	30/1999	0.6	0.7	2.7	N45E	E	N65W
May	27.4	18.7	9.6	9/1997	36.0	44.5	31/1988	0.7	0.7	2.6	S70E	E	S75W
June	30.1	22.2	15.0	1/1992	37.9	46.5	21/1994	0.6	0.8	2.8	W	E	S32W
July	29.1	23.8	18.2	26/1993	34.8	43.7	5/1987	0.7	0.8	2.2	S63E	N77E	S55E
August	28.4	23.4	17.4	31/1989	33.3	41.0	12/1987	0.6	0.5	1.5	E	S29E	S65E
September	26.6	20.3	11.5	25/1994	33.0	37.2	18/1987	0.3	0.3	1.0	N	E	S
October	21.8	13.2	4.7	31/1984	30.4	36.6	1/2009	0.2	0.2	0.8	N45E	S60E	S73W
November	16.5	7.1	0.0	30/1995	25.8	31.5	1/1996	0.2	0.1	0.6	S	E	N82W
December	11.9	3.2	-4.3	25/1984	20.4	29.0	7/1998	0.1	0.2	0.8	E	E	S75W
Annual	20.9	13.3	-4.3	25/12/1984	28.3	46.5	21/ 6/1994	0.4	0.4	1.7	E	E	S80W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	59.0	218.9	1992	0.8	2007	5.5	133.2	30/1992	-----	2.5	3.1	3.4
February	89.0	251.6	1998	0.2	2001	6.9	114.4	13/1992	-----	2.9	3.4	3.9
March	87.7	192.7	2007	14.2	2000	9.3	72.6	20/2007	-----	3.0	3.5	3.9
April	59.6	231.5	1983	1.1	1999	8.5	78.7	16/1983	-----	2.7	2.9	3.8
May	38.2	186.4	1987	2.3	1990	7.2	86.7	8/1987	-----	2.4	2.0	3.2
June	78.2	230.4	2008	5.1	1985	7.6	101.0	24/2002	-----	2.5	2.3	2.5
July	368.6	1038.6	2001	75.7	2002	15.4	591.9	24/2001	-----	4.4	4.1	3.4
August	334.7	618.9	1994	120.7	2009	15.4	199.8	27/1997	-----	4.2	4.1	3.4
September	123.3	418.3	1992	6.3	1987	8.1	207.7	10/1992	-----	2.1	2.2	1.9
October	32.7	115.7	1987	0.0	2 Years	3.5	49.4	11/1997	-----	0.9	1.1	1.4
November	11.9	42.8	1986	0.0	2 Years	2.4	40.5	20/1992	-----	1.0	1.7	1.9
December	40.4	161.7	1990	0.0	4 Years	4.1	116.2	5/2006	-----	2.1	2.9	3.0
Annual	1323.4	1997.5	1994	676.1	2009	94.0	591.9	24/ 7/2001	-----	2.7	2.8	3.0

JHELUM

Period : 1981-2010

WMO NO: 41598

ICAO ID: N/A

Elevation: 232 m

Latitude: 32° 56' N Longitude: 73° 43' E

Established in 1942

Height => Barometer Cistern(amsl) = 234 m, Anemometer (agl) = 07 m, Steven Screen (amsl/agl)= 232 m /1.21 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	989.1	990.2	988.4	1017.5	1018.6	1015.7	7.2	6.8	17.4	88.6	88.7	51.5
February	986.8	987.9	986.0	1014.8	1015.9	1013.0	9.6	9.9	20.7	83.7	82.6	43.7
March	983.9	985.1	982.9	1011.4	1012.5	1009.4	14.2	15.5	25.6	80.5	73.6	39.8
April	980.0	981.3	978.8	1007.0	1008.1	1004.6	18.9	22.2	31.7	71.4	58.1	32.0
May	975.5	976.9	974.0	1001.9	1003.0	999.2	23.8	28.2	36.9	59.5	45.6	25.6
June	971.6	973.0	969.6	997.6	998.7	994.5	26.8	30.8	38.5	63.9	49.9	30.9
July	971.5	972.7	969.8	997.4	998.5	995.2	27.3	28.9	34.5	83.1	75.1	55.2
August	973.5	974.8	972.2	999.6	1000.8	997.7	26.8	27.9	33.1	88.6	82.7	63.2
September	978.2	979.3	976.4	1004.3	1005.6	1002.0	24.3	26.0	33.0	87.3	79.4	54.1
October	983.8	984.2	982.3	1010.8	1012.1	1008.3	17.9	19.8	30.1	85.8	78.2	45.3
November	987.5	988.9	986.3	1015.3	1016.3	1013.0	11.8	12.5	24.0	88.0	85.0	50.5
December	986.2	987.3	988.5	1017.8	1019.0	1015.7	7.9	7.7	18.7	88.8	88.5	54.6
Annual	980.5	981.7	979.6	1008.0	1009.1	1005.8	17.8	19.7	28.4	82.1	74.1	46.4

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	12.7	5.5	-1.5	26/2008	19.1	27.6	31/2007	0.4	0.3	1.1	N39W	N	N67W
February	15.2	8.4	1.8	24/1984	22.0	30.7	28/1985	0.8	0.6	1.7	N37W	N38W	N65W
March	19.5	13.1	5.1	3/1982	27.0	36.5	26/2010	0.8	0.8	2.2	N41W	N39W	N83W
April	25.6	18.0	8.6	3/1986	33.2	43.7	28/2006	1.0	1.0	2.2	N32W	N36W	W
May	30.7	22.9	13.6	3/1987	38.4	49.2	31/1988	1.0	1.0	2.3	N27W	N28W	S54W
June	33.0	25.9	14.3	1/1993	40.0	48.6	16/1995	0.9	1.2	2.7	N52E	S57E	S16W
July	31.0	26.0	20.0	25/1993	35.9	46.1	1/1991	1.0	1.0	2.3	S72E	S66E	S
August	30.1	25.6	19.6	31/2001	34.6	42.2	3/1987	0.7	0.6	1.7	S68E	S57E	S
September	29.1	23.5	15.7	25/1994	34.7	39.0	2/1981	0.5	0.4	1.4	S	E	S24W
October	24.8	17.1	10.0	31/1984	32.5	37.7	1/2009	0.4	0.2	0.8	N36W	N	S41W
November	19.1	10.7	4.0	30/1981	27.5	33.7	1/1998	0.3	0.2	0.5	N41W	N49W	W
December	14.1	6.4	0.0	28/2010	21.7	28.7	6/1998	0.3	0.2	0.7	N40W	N35W	N69W
Annual	23.5	16.7	-1.5	26/ 1/2008	30.3	49.2	31/ 5/1988	0.6	0.7	1.4	N	N	S52W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	40.4	118.4	1981	0.0	1984	4.8	40.2	5/1982	190.7	2.5	3.0	3.5
February	56.7	171.9	2003	1.8	2001	6.0	93.0	19/2003	194.0	2.9	3.5	3.9
March	65.9	262.0	1992	0.0	2004	8.0	136.7	23/1992	218.3	3.0	3.5	4.1
April	40.2	144.1	1983	1.3	2007	7.1	64.9	6/2008	260.5	2.8	3.0	3.6
May	29.6	89.1	1983	0.3	1988	6.2	49.5	1/2004	302.1	2.6	2.3	3.0
June	57.0	184.8	2008	12.1	2005	7.8	71.5	29/2007	274.5	2.7	2.5	2.5
July	243.1	648.6	1995	64.2	2002	14.4	242.2	28/1995	241.3	4.7	4.4	3.9
August	231.6	532.8	1997	62.5	1993	13.1	167.9	27/1997	236.0	4.4	4.2	4.1
September	65.4	235.6	1990	7.9	1982	6.5	81.5	5/1990	245.1	2.1	2.2	2.4
October	22.0	152.1	1996	0.0	6 Years	3.0	101.6	3/1996	271.9	0.9	1.1	1.3
November	10.1	51.4	1992	0.0	5 Years	1.5	51.4	20/1992	239.2	1.0	1.6	1.9
December	27.1	186.3	1990	0.0	7 Years	3.2	118.5	29/1990	195.0	2.0	2.7	2.9
Annual	889.3	1335.7	1997	532.6	2002	81.6	242.2	28/ 7/1995	2892.5	2.8	2.9	3.2

KHANPUR

Period : 1981-2010

WMO NO: 41718

ICAO ID: N/A

Elevation: 87 m

Latitude: 28° 39' N Longitude: 70° 41' E

Established in 1947

Height => Barometer Cistern(amsl) = 88 m, Anemometer (agl) = 5 m, Steven Screen (amsl/agl)= 87 m /1.21 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1006.1	1007.5	1004.8	1016.9	1018.2	1015.3	7.3	7.4	20.1	87.8	86.1	42.0
February	1003.4	1004.9	1002.3	1014.1	1015.6	1012.5	10.1	10.6	23.0	83.1	80.8	38.8
March	999.9	1001.6	998.6	1010.4	1012.0	1008.6	15.0	16.7	28.9	80.3	73.7	35.4
April	995.7	997.2	993.9	1005.9	1007.4	1003.6	20.5	24.1	36.3	66.3	53.8	23.2
May	990.9	992.5	989.0	1000.9	1002.4	998.5	26.1	29.4	41.0	59.4	50.2	23.1
June	986.9	988.3	984.6	996.8	998.1	994.0	28.9	31.1	41.5	67.0	61.4	29.5
July	986.3	987.6	984.3	996.2	997.4	993.8	29.1	30.3	38.2	77.0	71.5	45.5
August	988.9	990.1	987.1	998.6	999.8	996.5	27.8	29.1	36.5	82.6	76.4	52.5
September	993.4	994.7	991.7	1003.4	1004.8	1001.4	24.9	26.8	35.4	85.0	78.1	49.3
October	999.0	1000.8	997.8	1009.5	1011.1	1007.7	18.5	21.1	32.8	84.9	75.1	40.7
November	1003.6	1005.3	1002.3	1014.3	1015.9	1012.4	12.5	14.3	27.9	86.9	80.2	41.1
December	1006.2	1007.7	1005.0	1017.1	1018.6	1015.3	8.2	8.6	21.9	88.6	85.5	42.8
Annual	996.7	998.3	995.1	1007.1	1008.5	1005.0	18.8	21.0	31.7	79.0	71.3	38.0

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	13.3	5.2	-2.6	2/1991	21.5	29.2	22/1990	0.6	0.5	1.8	N32E	N32E	N29E
February	16.2	7.9	-2.8	5/1984	24.5	33.8	16/1993	1.1	0.9	2.6	N39E	N33E	N19E
March	21.7	13.3	3.8	14/1992	30.0	40.0	23/2010	1.2	1.4	2.5	N38E	N33E	N
April	28.0	18.8	6.5	2/1989	37.3	46.5	27/1993	1.2	2.2	3.2	N27E	N29E	N52W
May	33.1	24.3	11.0	6/1989	42.0	49.2	28/2010	2.1	3.7	3.3	S65W	S61W	S77W
June	34.8	27.2	16.0	6/1981	42.5	50.8	20/1992	2.8	4.7	3.5	S42W	S44W	S58W
July	33.4	27.4	19.0	12/1994	39.5	47.2	9/2009	2.8	4.3	3.7	S57W	S43W	S71W
August	32.0	26.2	18.0	26/1981	37.7	42.8	12/1998	1.9	3.7	2.7	S43W	S52W	W
September	30.0	23.4	14.8	30/1984	36.7	41.2	7/2005	1.0	2.5	2.1	S46W	S43W	N84W
October	25.9	17.1	5.4	20/1984	34.7	40.2	7/2000	0.9	0.7	1.0	N	N	N34W
November	20.4	11.0	3.6	25/1984	29.8	37.2	3/2008	0.4	0.5	0.8	N26E	N30E	N
December	15.1	6.2	-4.3	25/1984	23.9	32.0	1/1981	0.5	0.5	1.3	N35E	N37E	N23E
Annual	25.1	16.9	-4.3	25/12/1984	33.3	50.8	20/ 6/1992	1.4	2.2	2.3	S64W	S57W	N62W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	5.0	50.1	2009	0.0	10 Years	1.3	35.7	16/2009	239.1	1.2	1.8	2.0
February	7.9	49.8	2007	0.0	6 Years	1.7	36.8	10/2007	227.7	1.6	2.0	2.2
March	5.4	40.4	1982	0.0	7 Years	2.0	17.0	24/1982	266.9	1.5	2.1	2.3
April	4.3	23.7	1991	0.0	8 Years	1.3	13.7	1/1985	279.5	1.4	1.6	1.8
May	4.5	22.2	1997	0.0	8 Years	1.0	20.0	8/1981	302.8	1.0	0.9	1.0
June	6.5	51.8	1995	0.0	10 Years	1.1	50.1	22/1995	275.9	1.3	1.2	0.9
July	33.3	157.9	1989	0.0	9 Years	2.6	81.3	26/1989	271.7	2.7	2.7	2.5
August	33.2	276.1	2010	0.0	8 Years	2.0	125.0	29/2003	281.8	2.1	2.0	2.2
September	12.0	151.1	1983	0.0	16 Years	0.8	69.8	4/1983	287.6	0.8	0.9	0.9
October	2.7	38.8	1997	0.0	22 Years	0.5	13.0	18/1982	287.0	0.3	0.4	0.4
November	0.4	6.4	1997	0.0	23 Years	0.2	6.4	25/1997	260.2	0.4	0.7	0.9
December	4.8	79.5	2008	0.0	16 Years	0.8	35.0	19/2008	227.9	0.9	1.4	1.6
Annual	120.7	325.2	2010	8.6	2002	15.3	125.0	29/ 8/2003	3266.3	1.3	1.5	1.6

LAHORE (AP)

Period : 1981-2010

WMO NO: 41641

ICAO ID: OPLA

Elevation: 215 m

Latitude: 31° 31' N Longitude: 74° 24' E

Established in 1949

Height => Barometer Cistern(amsl) = 216 m, Anemometer (agl) = 7.3 m, Steven Screen (amsl/agl)= 215 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	990.5	991.6	990.1	1017.2	1018.2	1015.9	7.2	7.4	16.8	87.9	86.9	51.6
February	988.1	989.3	987.7	1014.3	1015.5	1013.0	10.4	11.3	20.3	82.5	79.3	44.8
March	985.1	986.5	984.6	1010.9	1012.0	1009.6	14.9	17.4	25.5	79.6	69.5	40.7
April	981.1	982.6	980.3	1006.4	1007.4	1004.6	20.1	24.4	32.7	66.2	51.2	28.9
May	976.7	978.2	975.4	1001.5	1002.7	999.3	24.9	29.5	37.6	57.7	44.3	24.8
June	972.9	974.4	971.4	997.4	998.5	995.1	27.5	31.2	38.2	65.0	53.1	32.6
July	972.8	974.0	971.5	996.5	997.6	994.8	27.6	29.5	33.8	83.8	75.1	56.2
August	974.9	976.1	973.8	999.2	1000.6	998.0	27.1	29.0	32.7	88.1	79.5	63.3
September	973.2	980.6	978.1	1004.1	1005.4	1002.5	24.7	27.2	32.4	86.4	76.3	53.7
October	984.9	986.4	984.1	1010.3	1011.6	1008.7	18.6	21.9	29.4	84.4	72.8	42.7
November	988.7	990.2	988.0	1014.7	1016.1	1013.3	12.4	14.5	23.3	85.6	80.5	46.7
December	990.8	992.0	990.3	1017.4	1018.6	1015.9	7.8	8.4	18.2	88.3	86.0	53.1
Annual	981.9	984.0	981.8	1007.4	1008.7	1005.8	18.5	20.9	28.4	81.4	72.7	46.5

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	12.2	5.4	-2.2	22/2008	18.9	27.0	27/2007	1.5	1.4	3.7	N49W	N50W	N51W
February	15.5	8.8	1.0	11/2008	22.1	31.1	25/2006	2.4	2.1	6.2	N41W	N43W	N47W
March	20.5	13.9	5.6	3/1982	27.2	38.0	26/2010	2.5	3.3	7.1	N29W	N25W	N41W
April	26.6	19.0	8.0	7/1994	34.1	44.0	18/2010	3.4	4.6	6.8	N18W	N	N49W
May	31.5	24.0	14.3	2/2004	38.9	47.0	27/2010	3.8	5.7	6.8	N16E	N53E	N72W
June	33.0	26.6	18.6	4/2000	39.4	48.0	10/2007	3.6	6.5	6.9	S77E	S57E	S23W
July	31.1	26.6	19.4	10/1986	35.7	44.6	1/1991	3.4	5.7	6.3	S74E	S61E	S55E
August	30.5	26.3	19.6	13/1999	34.7	40.7	11/1987	2.3	4.5	5.5	S67E	S56E	S54E
September	29.2	23.9	12.0	12/1995	34.5	39.2	27/1987	1.6	3.0	5.0	E	S57E	W
October	24.9	17.7	9.7	30/1982	32.2	37.3	7/2000	1.1	1.7	3.5	N	N56E	N45W
November	19.2	11.2	3.0	30/2005	27.2	33.2	3/2001	1.1	1.0	2.1	N38W	N34W	N58W
December	13.9	6.3	-1.0	31/2007	21.5	30.0	7/1998	1.1	1.0	2.2	N48W	N45W	N63W
Annual	23.9	17.5	-2.2	22/ 1/2008	30.3	48.0	10/6/2007	1.9	3.1	4.9	N	N67E	N57W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	22.7	105.9	1981	0.2	1984	4.1	33.6	3/1981	-----	2.2	2.7	3.1
February	39.3	124.3	2003	1.2	2006	5.4	72.2	25/1990	-----	2.8	3.0	3.3
March	36.0	136.4	1981	0.0	2 Years	6.6	95.0	21/1981	-----	2.6	3.2	3.5
April	21.1	92.8	1997	0.0	1999	5.4	47.2	3/1998	-----	2.4	2.6	2.8
May	23.4	117.7	1983	0.0	1988	6.8	64.0	23/1983	-----	2.2	2.0	2.0
June	54.5	145.8	1996	0.0	1981	6.8	93.0	11/1991	-----	2.6	2.4	1.9
July	196.8	485.6	1981	30.9	1991	12.5	168.0	14/2000	-----	4.2	4.2	4.3
August	182.9	507.6	1996	15.1	2001	11.7	221.0	13/2008	-----	3.7	3.8	4.7
September	74.6	193.9	1990	0.0	1982	6.5	95.0	3/2006	-----	1.8	1.9	2.6
October	18.5	277.6	1985	0.0	7 Years	1.9	157.0	9/1985	-----	0.6	0.8	0.8
November	5.2	54.6	1997	0.0	13 Years	1.3	32.9	9/1997	-----	0.8	1.3	1.5
December	10.8	65.7	1985	0.0	7 Years	2.1	36.0	23/1988	-----	1.7	2.4	2.5
Annual	686.3	1228.6	1997	355.2	2004	71.0	221.0	13/ 8/2008	-----	2.4	2.6	2.8

LAHORE (PBO)

Period : 1981-2010

WMO NO: 41640

ICAO ID: N/A

Elevation: 213 m

Latitude: 31° 33' N Longitude: 74° 20' E

Established in 1866

Height => Barometer Cistern(amsl) = 214 m, Anemometer (agl) = 11 m, Steven Screen (amsl/agl)= 213 m /1.21 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	991.4	992.6	990.9	1017.3	1018.5	1016.0	8.9	8.9	17.3	86.0	84.2	51.5
February	988.9	990.2	988.4	1014.4	1015.7	1013.1	11.9	11.8	20.8	79.9	76.4	44.8
March	985.8	987.3	985.3	1010.9	1012.1	1009.5	16.5	17.7	26.0	74.7	68.0	40.2
April	981.8	983.3	980.9	1006.3	1007.7	1004.5	21.5	24.6	33.0	60.1	48.6	27.2
May	977.3	978.8	976.0	1001.3	1002.6	999.1	26.0	29.5	37.6	52.7	42.9	24.5
June	973.6	975.0	971.8	997.3	998.6	994.9	28.6	31.3	38.3	61.2	52.4	33.2
July	973.4	974.6	972.0	997.1	998.3	995.3	28.4	29.8	34.2	80.5	73.9	57.0
August	975.5	977.5	974.4	999.3	1000.5	997.8	28.0	29.2	33.1	84.6	78.2	62.3
September	979.9	981.4	978.8	1003.9	1005.4	1002.3	25.9	27.6	33.0	81.4	73.6	52.5
October	985.6	987.1	984.8	1010.3	1011.6	1008.7	20.3	22.0	30.2	79.1	71.5	42.6
November	989.5	990.9	988.8	1014.8	1016.2	1013.2	14.4	15.1	24.4	82.5	78.9	47.8
December	991.6	992.9	991.0	1017.4	1018.8	1016.0	9.9	10.0	19.1	85.3	83.7	52.7
Annual	982.9	984.4	982.0	1007.6	1008.9	1005.9	19.5	21.2	28.8	77.0	69.7	44.4

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	13.3	7.4	2.8	4/1986	19.2	27.0	28/1991	0.5	0.4	1.5	N40W	N	N52W
February	16.3	10.4	2.8	21/1982	22.3	31.0	16/1993	1.0	0.8	2.8	N16W	N	N44W
March	21.3	15.3	6.0	3/1982	27.3	36.2	18/2004	1.3	1.4	3.5	N12W	N	N42W
April	27.4	20.6	10.3	7/1994	34.2	43.3	30/1999	1.6	1.9	3.6	N	N 9E	N43W
May	31.9	25.0	14.8	1/2004	38.8	47.4	31/1988	1.7	2.3	3.0	N42E	N61E	N57W
June	33.4	27.4	18.4	5/1999	39.4	47.1	9/1995	1.8	2.7	3.0	S67E	S70E	S57W
July	31.4	27.1	20.2	20/1982	35.8	44.8	3/1987	1.6	2.4	2.8	S69E	S60E	S58E
August	30.9	26.9	19.5	13/1999	34.9	41.0	11/1987	0.9	1.6	2.3	S50E	S51E	S45E
September	29.9	25.1	18.0	30/1981	34.8	40.5	27/1987	0.7	1.2	2.1	S70E	S74E	N55W
October	25.9	19.4	12.0	30/1982	32.4	38.6	4/1993	0.4	0.6	1.2	N	N53E	N44W
November	20.4	13.3	7.0	26/1982	27.5	34.0	1/996	0.4	0.3	0.6	N	S	N51W
December	15.2	8.6	2.0	27/1984	21.9	30.0	7/1998	0.4	0.3	0.7	N	N	N51W
Annual	24.6	18.4	2.0	27/12/1984	30.8	47.4	31/ 5/1988	0.9	1.3	2.1	N48E	N69E	N50W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	23.2	121.2	1981	0.2	1984	4.4	55.2	3/1981	196.5	2.0	2.5	3.0
February	35.3	117.5	1990	2.4	1985	5.7	83.0	25/1990	206.9	2.2	2.8	3.2
March	36.0	111.3	1982	0.0	2004	7.5	51.3	18/1990	240.2	2.2	2.9	3.3
April	21.6	141.0	1983	0.0	2 Years	6.4	67.1	16/1983	278.4	1.9	2.3	2.7
May	22.4	108.8	1983	0.0	1988	6.1	70.4	23/1983	302.7	1.9	1.8	1.8
June	55.1	208.6	1996	0.3	1981	6.6	75.7	11/1991	273.2	2.2	2.1	1.6
July	190.9	477.9	1981	32.0	1991	12.7	136.8	2/2005	231.4	3.7	3.8	4.0
August	179.4	640.0	1996	2.5	2001	12.7	189.7	23/1996	233.8	3.1	3.4	4.5
September	60.4	184.5	1990	0.0	1982	6.8	114.6	3/2006	249.5	1.4	1.6	2.5
October	15.3	155.0	1985	0.0	7 Years	2.1	117.4	9/1985	274.6	0.5	0.7	0.8
November	6.8	77.9	1997	0.0	10 Years	1.6	56.3	9/1997	246.9	0.6	1.1	1.3
December	9.8	45.1	1988	0.0	6 Years	2.9	29.7	23/1988	203.0	1.3	2.2	2.4
Annual	656.7	1232.5	1997	333.7	2002	75.5	189.7	23/ 8/1996	2948.5	2.1	2.4	2.8

MULTAN

Period : 1981-2010

WMO NO: 41675

ICAO ID: OPMT

Elevation: 122 m

Latitude: 30° 12' N Longitude: 71° 26' E

Established in 1940

Height => Barometer Cistern(amsl) = 123 m, Anemometer (agl) = 1.8 m, Steven Screen (amsl/agl)= 122 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1002.6	1004.0	1002.0	1017.7	1019.0	1016.6	7.4	6.9	18.9	88.3	88.6	46.0
February	1000.0	1001.5	999.3	1014.9	1016.4	1013.5	10.5	10.1	22.1	83.3	83.5	40.4
March	996.6	998.3	995.7	1011.2	1012.8	1009.7	15.8	16.3	27.5	79.3	77.2	37.2
April	992.2	993.9	991.0	1006.5	1008.2	1004.6	21.3	23.2	34.5	63.3	57.4	25.7
May	987.1	988.9	985.8	1001.1	1002.7	999.2	26.5	29.0	39.7	54.3	48.3	22.7
June	982.9	984.4	981.4	996.7	998.1	994.7	29.7	31.5	40.8	57.6	53.7	29.1
July	982.5	983.8	981.3	996.1	997.6	994.7	29.9	30.9	37.3	71.5	68.6	46.3
August	984.8	986.2	983.9	998.6	1000.0	997.4	28.9	29.7	35.9	77.3	74.3	51.8
September	989.4	991.0	988.6	1003.3	1005.0	1002.2	26.2	27.1	34.8	78.4	74.7	47.4
October	995.8	997.5	994.9	1009.9	1011.8	1008.9	19.9	20.8	31.8	79.5	75.0	38.8
November	1000.2	1001.9	999.4	1014.8	1016.6	1013.6	13.3	13.4	25.6	86.0	84.7	46.9
December	1002.9	1004.3	1002.1	1017.7	1019.3	1016.6	8.4	7.9	20.2	88.5	88.1	51.4
Annual	993.0	994.6	992.1	1007.4	1009.0	1005.8	19.5	20.4	30.5	76.5	73.2	40.8

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	12.9	5.4	-1.6	27/2008	20.5	28.3	25/1990	0.5	0.6	1.4	N24E	N	N43E
February	16.0	8.4	-1.1	5/1984	23.5	32.2	10/1993	0.9	1.1	3.1	N22E	N	S76E
March	21.2	14.1	5.8	5/2003	28.8	39.5	23/2010	1.5	1.6	3.7	N24E	N11E	S59E
April	28.4	19.9	10.6	8/1994	35.9	44.7	19/2010	2.1	2.5	3.7	N42E	N21E	S33E
May	33.2	25.3	13.5	17/1989	41.0	50.0	28/2010	2.8	3.4	4.0	S64E	N32E	S
June	35.4	28.7	19.5	3/1998	42.1	49.8	8/1994	4.0	5.2	5.0	S 7E	S 4W	S16W
July	34.0	28.9	21.5	10/1986	39.1	47.5	1/995	4.0	6.8	5.2	S12E	S10E	S 4E
August	32.4	28.0	21.6	5/1989	37.5	42.7	3/1998	3.6	4.6	5.4	S16E	S 6E	S 6E
September	30.9	25.1	17.8	24/1984	36.6	42.5	26/1987	2.6	3.2	4.0	S21E	S10E	S11E
October	26.4	18.6	10.5	29/1985	34.1	40.3	1/2000	1.0	1.1	1.7	S48E	S76E	S32E
November	20.2	11.8	3.0	30/1995	28.6	35.0	1/1999	0.5	0.5	0.5	E	N	S
December	14.8	6.7	-1.0	28/1984	22.9	29.5	(3)/1998	0.4	0.4	0.7	N	N	N
Annual	25.3	18.1	-1.6	27/ 1/2008	32.5	50.0	28/ 5/2010	1.7	2.2	2.8	S34E	S25E	S17E

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	7.6	37.9	2005	0.0	4 Years	1.2	30.9	1/2005	197.9	1.6	2.3	2.6
February	15.5	87.8	2007	0.3	1997	2.6	44.3	13/2007	198.9	2.0	2.6	3.0
March	18.4	55.4	2006	0.0	2004	3.1	50.1	26/2006	243.9	2.0	2.8	3.2
April	14.2	61.5	1995	0.0	3 Years	3.2	38.5	6/1985	272.2	1.7	2.3	2.7
May	11.9	47.0	1983	0.0	2 Years	2.2	51.0	6/2010	287.0	1.5	1.4	1.8
June	13.1	68.9	1986	0.0	4 Years	1.9	47.1	30/2007	259.8	1.8	1.4	1.6
July	49.6	209.5	1993	0.0	2002	3.6	83.4	25/2001	255.0	2.9	2.9	2.9
August	41.8	217.3	1992	0.0	3 Years	2.8	127.0	19/1992	269.1	2.1	2.5	2.7
September	24.6	201.5	1992	0.0	7 Years	1.5	88.5	8/1992	267.9	0.9	1.1	1.3
October	5.6	112.5	1997	0.0	15 Years	0.7	23.5	10/1997	261.1	0.4	0.5	0.7
November	1.2	15.2	1981	0.0	17 Years	0.5	12.6	0/1999	234.3	0.5	1.1	1.3
December	5.7	77.9	2008	0.0	11 Years	1.2	34.5	20/2008	208.7	1.0	1.9	2.1
Annual	210.7	513.2	1992	83.0	2000	24.5	127.0	19/ 8/1992	2952.5	1.6	1.9	2.2

MURREE

Period : 1981-2010

WMO NO: 41573

ICAO ID: N/A

Elevation: 2167 m

Latitude: 33° 55' N Longitude: 73° 23' E

Established in 1870

Height => Barometer Cistern(amsl) = 2168 m, Anemometer (agl) = 8 m, Steven Screen (amsl/agl)= 2167 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	---	793.2	792.9	---	1496.6	1490.5	---	3.5	4.9	---	60.4	61.8
February	---	792.4	791.9	---	1486.3	1479.8	---	4.3	6.0	---	59.0	63.3
March	---	792.7	792.4	---	1479.9	1474.1	---	8.7	10.2	---	52.3	59.7
April	792.3	792.9	792.4	1467.5	1468.6	1463.3	11.5	14.2	15.5	51.6	45.9	52.3
May	791.3	791.9	791.6	1439.0	1447.3	1441.9	15.4	19.2	20.2	49.1	42.6	44.5
June	789.3	789.8	789.2	1421.4	1419.6	1409.3	18.0	21.1	23.0	55.9	50.3	49.9
July	788.6	789.1	788.4	1414.9	1415.1	1404.8	17.5	19.8	21.3	79.5	76.4	79.5
August	790.0	790.5	789.8	1429.7	1431.6	1422.4	16.9	19.2	20.3	86.8	80.4	86.7
September	792.6	793.2	792.6	1460.8	1463.6	1456.0	15.3	18.1	19.0	74.5	67.7	77.0
October	---	795.7	795.3	---	1496.3	1491.4	---	14.9	15.4	---	47.3	61.2
November	---	796.1	795.9	---	1511.4	1506.2	---	10.9	11.1	---	42.4	55.9
December	---	795.3	794.9	---	1508.0	1503.4	---	6.4	7.4	---	48.3	55.0
Annual	*****	791.1	790.6	*****	1465.9	1458.8	*****	13.0	14.1	*****	55.4	61.8

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	3.7	-1.0	-10.0	14/2000	8.4	18.0	2/1999	---	2.2	1.8	---	E	S34E
February	4.4	-0.4	-9.5	8/2008	8.9	22.0	9/1993	---	3.1	2.5	---	S82E	S36E
March	8.5	3.9	-8.5	4/2003	13.2	26.0	26/2000	---	3.1	2.5	---	N82E	S37E
April	13.3	8.7	-3.3	19/1983	18.5	28.0	29/2006	3.4	3.2	2.6	N21E	N77E	S36E
May	18.0	12.9	0.0	1/2004	23.1	32.5	11/2001	3.3	2.9	2.7	N16E	N75E	S30E
June	20.3	15.3	3.6	3/1987	25.3	34.5	17/1995	2.1	2.2	2.5	N15E	S78E	S24E
July	19.4	15.6	7.0	3/2000	22.9	31.0	2/1991	1.5	1.6	1.9	N48E	S54E	S24E
August	18.9	15.5	8.0	17/2004	22.3	27.5	19/2006	1.3	1.4	1.5	N24E	S70E	S28E
September	17.8	13.8	5.0	25/2003	21.9	26.4	20/2009	1.8	1.7	1.6	N11E	S82E	S22E
October	15.0	10.4	1.1	28/1982	19.6	26.0	1/2006	---	1.9	1.5	---	N77E	S20E
November	11.0	6.0	-5.0	28/2005	16.0	26.0	1/1996	---	1.9	1.4	---	E	S41E
December	6.6	1.3	-10.5	31/1990	11.7	21.6	6/1998	---	2.2	1.7	---	N71E	S47E
Annual	13.0	8.8	-10.5	31/12/1990	17.3	34.5	17/ 6/1995	*****	2.4	2.1	*****	E	S30E

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	131.9	311.1	1983	4.2	1984	2.3	118.5	28/1983	166.0	---	3.0	3.8
February	166.5	400.4	2003	12.6	2001	5.1	122.0	18/2003	143.0	---	3.5	4.5
March	181.2	413.8	1986	5.5	2004	10.2	185.6	22/1986	196.0	---	3.7	4.6
April	131.8	346.7	1998	12.5	1999	10.7	84.0	26/1998	228.3	2.8	3.0	4.2
May	83.4	220.3	1987	23.1	1988	8.4	60.9	11/1981	269.7	2.4	2.2	3.7
June	142.0	342.0	2001	41.7	1992	11.3	159.0	24/2002	259.1	2.4	2.5	3.5
July	339.5	704.3	1988	154.1	2002	18.3	126.2	3/1988	152.3	4.3	4.4	4.8
August	302.4	676.8	1997	112.9	1981	17.1	233.8	27/1997	137.2	4.0	3.9	5.3
September	130.9	526.0	1992	18.6	1982	9.1	255.0	10/1992	193.7	2.3	2.6	3.9
October	63.1	238.9	1987	0.0	2000	4.4	128.0	3/1996	247.6	---	1.2	2.0
November	33.3	106.5	1986	0.0	1987	2.7	70.0	15/1986	219.2	---	1.7	2.2
December	72.2	387.8	1994	0.0	4 Years	2.9	117.4	28/1994	186.5	---	2.8	3.0
Annual	1778.2	2433.8	1992	1264.4	2002	102.6	255.0	10/9/1992	2443.0	*****	2.9	3.8

SIALKOT

Period : 1981-2010

WMO NO: 41600

ICAO ID: N/A

Elevation: 251 m

Latitude: 32° 30' N Longitude: 74° 32' E

Established in 1881

Height => Barometer Cistern(amsl) = 253 m, Anemometer (agl) = 9 m, Steven Screen (amsl/agl)= 251 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	986.6	987.7	986.1	1017.4	1018.6	1016.0	7.0	6.7	16.4	92.5	92.6	59.6
February	984.2	985.5	983.8	1014.8	1016.0	1013.1	9.5	9.7	19.7	88.2	88.0	50.8
March	981.4	982.7	980.8	1011.4	1012.5	1009.6	13.7	15.3	24.6	84.3	78.6	45.9
April	977.6	979.0	976.7	1006.9	1007.9	1004.8	18.4	22.2	31.5	71.4	58.7	31.8
May	973.1	974.7	971.9	1002.0	1003.0	999.3	23.2	28.3	36.8	59.8	45.7	25.3
June	969.6	971.1	967.8	997.9	999.0	995.0	26.1	30.2	37.8	65.7	53.3	32.2
July	969.5	970.7	968.1	997.8	998.8	995.7	26.6	28.3	33.2	86.5	78.8	59.8
August	971.6	972.7	970.4	999.9	1001.0	998.1	26.3	27.5	32.0	90.9	85.1	67.3
September	975.8	977.1	974.6	1004.5	1005.7	1002.5	24.1	25.7	31.7	90.0	82.9	60.1
October	981.3	982.8	980.4	1010.8	1012.1	1008.7	17.6	19.6	29.1	89.1	82.3	52.4
November	985.0	986.4	984.3	1015.3	1016.7	1013.3	11.6	12.3	23.2	90.7	89.2	57.2
December	986.9	988.2	986.3	1017.7	1018.9	1015.9	7.5	7.4	17.9	92.0	91.9	61.4
Annual	978.6	980.0	977.7	1008.2	1009.3	1006.2	17.3	19.4	27.5	83.5	77.1	51.2

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	11.5	5.2	-0.6	7/1997	17.9	26.7	31/2001	0.3	0.3	0.8	N	E	N82W
February	14.5	7.9	0.9	2/2001	21.1	30.0	22/2006	0.7	0.4	1.8	N	N	W
March	19.1	12.6	4.4	1/1995	26.0	35.5	25/2010	0.8	0.7	2.0	N	N18E	S76W
April	25.1	17.5	6.1	7/1994	32.7	43.0	18/2010	1.0	0.8	1.8	N	N18E	N76W
May	30.2	22.4	13.4	3/1987	38.0	47.3	26/1984	1.0	1.3	2.0	N28E	N59E	N71W
June	32.1	25.1	18.9	4/1999	39.1	46.8	3/2005	0.9	1.5	2.0	N77E	S81E	S41W
July	29.9	25.3	19.5	29/1990	34.6	44.0	5/1987	0.8	1.0	1.5	E	S78E	S32E
August	29.2	25.1	18.7	16/1990	33.3	40.1	19/1982	0.5	0.7	1.2	E	S79E	S27E
September	28.1	23.0	14.5	30/1990	33.1	37.7	1/2005	0.6	0.5	0.8	E	E	S61W
October	23.8	16.7	8.5	31/1984	30.9	36.2	1/2005	0.4	0.3	0.5	N	N43E	W
November	18.2	10.4	3.3	29/1996	26.0	31.8	1/1999	0.1	0.1	0.2	S	S	S
December	13.2	5.9	-1.0	11/1996	20.4	26.5	6/1993	0.2	0.2	0.4	S	S	W
Annual	22.6	16.1	-1.0	11/12/1996	29.2	47.3	26/ 5/1984	0.6	0.7	1.1	N45E	N75E	S78W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	41.4	114.6	2004	0.0	2 Years	4.6	47.7	30/1992	177.4	2.5	2.8	3.2
February	49.6	165.2	2003	2.6	1997	5.8	82.5	19/2003	198.2	2.9	3.3	3.5
March	52.8	189.7	1982	2.8	2010	7.1	102.5	13/2007	226.9	3.0	3.3	3.5
April	33.5	147.9	1983	0.0	1999	5.8	65.7	13/1983	272.3	2.6	2.7	3.1
May	26.8	122.5	1982	1.6	1988	5.9	61.1	23/1983	296.9	2.4	2.3	2.3
June	64.1	206.9	1996	4.4	1987	8.1	58.4	28/2008	278.6	2.9	2.6	2.1
July	312.6	616.9	2003	61.8	2002	15.7	273.7	30/1989	230.8	5.0	4.8	3.9
August	277.3	839.6	1996	41.6	2001	14.4	198.4	24/1996	227.2	4.6	4.6	4.1
September	89.0	260.6	1992	6.0	2004	6.5	105.0	3/2006	249.4	2.5	2.5	2.2
October	23.3	99.7	1985	0.0	5 Years	2.5	65.1	13/2002	273.5	0.8	0.9	1.0
November	9.1	46.6	1997	0.0	9 Years	1.3	42.3	17/2003	239.1	1.0	1.3	1.6
December	24.2	171.2	1990	0.0	8 Years	3.0	70.4	29/1990	191.5	2.0	2.5	2.7
Annual	1004.0	1642.0	1996	544.5	2002	80.8	273.7	30/ 7/1989	2887.9	2.8	2.9	2.8

BADIN

Period : 1981-2010

WMO NO: 41785

ICAO ID: N/A

Elevation: 10 m

Latitude: 24° 38' N Longitude: 68° 54' E

Established in 1929

Height => Barometer Cistern(amsl) = 11 m, Anemometer (agl) = 10 m, Steven Screen (amsl/agl)= 10 m /1.22 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1014.7	1016.3	1013.5	1016.0	1017.7	1014.8	11.4	11.8	24.3	77.6	74.4	32.3
February	1012.5	1014.1	1011.2	1013.8	1015.4	1012.5	14.3	15.0	27.7	77.6	73.2	29.3
March	1009.4	1011.0	1008.0	1010.7	1012.3	1009.3	19.1	20.6	32.9	78.6	72.4	25.7
April	1005.9	1007.5	1004.4	1007.2	1008.8	1005.6	23.1	25.3	36.7	79.7	71.7	26.3
May	1002.2	1003.7	1000.6	1003.5	1005.0	1001.8	26.6	28.7	37.6	81.9	74.1	34.8
June	998.2	999.5	996.5	999.5	1000.8	997.7	28.3	30.0	36.5	81.8	74.8	47.0
July	997.2	998.4	996.0	998.5	999.7	997.3	27.9	29.0	33.5	83.4	78.6	59.7
August	999.4	1000.7	998.5	1000.7	1002.0	999.8	26.7	27.7	32.1	85.8	81.7	63.7
September	1003.7	1005.2	1002.6	1005.0	1006.5	1003.9	25.8	27.1	33.1	86.9	81.5	55.1
October	1008.7	1010.2	1007.8	1010.0	1011.5	1008.7	23.0	24.5	33.9	84.0	77.8	39.2
November	1012.4	1014.1	1011.2	1013.7	1015.4	1012.5	17.6	18.9	29.8	80.1	74.1	36.9
December	1014.8	1016.4	1013.6	1016.2	1017.8	1014.9	12.6	13.4	25.1	78.5	73.4	35.7
Annual	1006.8	1008.2	1005.4	1008.1	1009.6	1006.7	21.3	22.7	31.7	80.9	75.1	40.6

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	17.5	9.9	4.0	7/2006	25.2	32.5	25/1990	2.1	2.3	4.9	N	N 7E	N 4E
February	20.5	12.6	2.8	3/1984	28.3	36.2	12/1993	2.3	2.4	5.5	N45W	N36W	N31W
March	25.8	17.9	8.0	4/2003	33.7	42.6	20/2010	3.1	3.5	5.7	S84W	W	N79W
April	30.1	22.3	13.0	10/2005	37.8	45.0	(2)/2002	4.6	6.0	7.9	S72W	S75W	S84W
May	32.6	25.7	17.5	5/1989	39.4	47.0	6/2004	6.7	8.7	10.6	S59W	S62W	S67W
June	32.8	27.6	21.2	2/1986	37.9	46.0	11/1988	7.2	9.0	10.7	S53W	S55W	S57W
July	31.0	27.1	23.0	12/2001	34.9	42.0	5/2010	6.9	8.0	10.0	S53W	S54W	S57W
August	29.6	26.0	21.0	2/2005	33.2	39.5	26/2002	6.2	6.9	9.0	S55W	S56W	S61W
September	29.6	25.0	20.6	24/1984	34.2	40.0	22/2005	4.6	5.8	7.2	S60W	S63W	S70W
October	28.7	22.1	13.0	29/1982	35.2	40.5	8/1987	2.5	2.8	3.8	W	N75W	N72W
November	24.0	16.5	8.3	28/1988	31.4	37.5	8/1998	1.7	1.9	2.8	N21W	N 8W	N18W
December	19.0	11.4	2.5	14/1986	26.5	33.5	5/2008	1.9	2.3	3.8	N 3E	N12E	N11E
Annual	26.6	20.2	2.5	14/12/1986	32.9	47.0	6/5/2004	4.6	5.5	7.3	S77W	S81W	N87W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	1.2	14.3	1995	0.0	16 Years	0.3	11.0	15/1995	267.4	0.9	1.3	1.3
February	6.6	62.8	1990	0.0	15 Years	0.3	58.0	27/1990	254.9	0.9	1.3	1.4
March	0.4	4.4	1981	0.0	23 Years	0.0	2.5	26/1989	284.6	1.2	1.6	1.5
April	1.7	27.4	1983	0.0	24 Years	0.4	21.0	14/1983	298	1.1	1.5	1.3
May	6.2	165.7	1999	0.0	26 Years	0.1	113.5	21/1999	302.4	1.6	2.0	0.7
June	9.6	66.3	2007	0.0	14 Years	0.8	55.7	1/1985	216.8	2.5	3.5	2.1
July	79.5	302.9	2003	0.0	5 Years	2.4	150.4	25/2003	157.2	4.8	5.1	5.2
August	85.9	358.6	1994	0.0	3 Years	2.4	176.5	2/1994	171.3	4.6	4.7	5.1
September	24.8	358.5	1994	0.0	13 Years	0.7	159.3	3/1990	254.6	2.1	2.4	2.6
October	9.3	117.0	2004	0.0	23 Years	0.3	73.0	3/2004	295.8	0.6	0.8	0.6
November	2.4	36.5	1993	0.0	24 Years	0.2	21.5	16/1993	274.6	0.5	0.7	0.8
December	0.5	6.0	2008	0.0	22 Years	0.1	6.0	19/2008	257.7	0.8	1.3	1.3
Annual	228.5	913.9	1994	0.0	1987	7.8	176.5	2/8/1994	3077.4	1.8	2.2	2.0

CHHOR

Period : 1981-2010

WMO NO: 41768

ICAO ID: OPKE

Elevation: 5 m

Latitude: 25° 31' N Longitude: 69° 47' E

Established in 1930

Height => Barometer Cistern(amsl) = 06 m, Anemometer (agl) = 02 m, Steven Screen (amsl/agl)= 05 m /1.22 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1015.1	1016.6	1013.7	1015.8	1017.4	1014.4	8.0	8.4	25.4	74.3	71.8	31.6
February	1012.6	1014.3	1011.5	1013.3	1015.0	1011.9	11.0	12.1	28.5	74.3	70.0	31.3
March	1009.3	1010.9	1007.6	1009.9	1011.6	1008.2	16.7	19.0	33.9	72.2	67.5	27.2
April	1005.5	1007.3	1003.6	1006.2	1008.0	1004.2	21.9	25.1	38.7	71.1	65.7	23.5
May	1001.6	1003.2	1000.0	1002.3	1003.9	1000.2	26.2	29.0	40.7	76.8	70.1	29.4
June	997.8	999.2	995.7	998.5	999.7	996.2	28.3	30.3	38.8	79.6	73.4	40.6
July	997.0	998.2	995.3	997.7	998.8	995.9	27.8	29.3	34.9	82.5	78.5	56.2
August	999.1	1000.4	997.9	999.8	1001.1	998.4	26.6	27.9	33.5	85.8	82.2	61.2
September	1003.9	1005.1	1002.0	1004.1	1005.7	1002.8	25.3	27.0	34.0	85.5	80.9	51.1
October	1008.6	1010.3	1007.1	1009.3	1011.0	1007.9	20.4	22.9	35.2	78.5	73.0	35.2
November	1012.7	1014.5	1011.3	1013.4	1015.2	1011.9	13.6	15.6	30.8	75.6	69.4	33.5
December	1015.2	1016.9	1013.9	1015.9	1017.6	1014.5	9.0	9.6	26.5	75.0	72.0	34.4
Annual	1006.5	1008.1	1005.0	1007.2	1008.8	1005.5	19.3	21.4	33.2	77.5	71.4	37.7

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	16.5	5.9	-1.2	23/1989	26.9	34.0	24/1990	2.4	1.3	4.0	N38E	N40E	N17E
February	19.5	8.9	-1.2	22/1984	29.9	38.2	28/1997	2.6	1.5	4.5	N29E	N 6E	S79W
March	25.0	14.8	-1.6	5/1984	35.2	45.0	29/1991	2.9	2.2	4.9	S56W	S43W	S59W
April	30.1	20.3	7.9	7/1994	40.0	49.0	28/1983	4.5	4.4	7.2	S47W	S45W	S54W
May	33.5	24.8	11.8	25/1989	42.0	50.7	29/1994	7.3	7.9	10.0	S44W	S44W	S48W
June	33.7	26.9	20.6	1/1997	40.6	52.0	8/1991	8.5	9.2	10.5	S43W	S43W	S44W
July	31.6	26.5	19.5	16/1987	36.8	45.9	19/1989	7.9	7.9	9.9	S43W	S43W	S44W
August	30.1	25.3	21.0	21/1996	34.9	44.0	6/1997	6.7	6.6	8.6	S43W	S43W	S44W
September	30.1	23.9	14.9	25/1994	36.3	44.0	30/1999	4.3	4.6	6.4	S45W	S44W	S48W
October	28.2	18.7	8.8	12/1994	37.6	44.0	3/2009	2.4	1.8	3.6	S54W	S44W	S62W
November	22.6	11.8	2.0	22/2003	33.5	39.5	1/2001	1.6	0.9	2.4	N36E	N40E	N47W
December	17.9	7.0	-1.3	31/1990	28.7	34.6	7/2000	2.0	1.3	2.9	N41E	N39E	N10E
Annual	26.3	17.6	-1.6	5/3/1984	35.0	52.0	8/6/1991	4.8	4.2	5.9	S47W	S46W	S56W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	0.8	6.2	1992	0.0	17 Years	0.1	5.2	15/1995	277.8	1.1	1.3	1.5
February	4.1	36.0	1992	0.0	17 Years	0.3	36.0	7/1992	265	1.1	1.4	1.7
March	1.8	14.8	2007	0.0	22 Years	0.2	11.8	13/2006	300.3	1.5	1.6	2.0
April	2.3	30.6	1983	0.0	22 Years	0.4	12.7	4/2008	302.2	0.9	1.2	1.6
May	5.8	128.2	1999	0.0	20 Years	0.3	107.2	22/1999	323.7	1.4	1.7	0.9
June	16.3	97.6	1985	0.0	13 Years	1.0	97.6	2/1985	278.3	2.4	3.1	1.8
July	82.2	354.3	2003	0.0	6 Years	3.0	137.2	29/2003	223.8	4.0	4.6	4.4
August	81.8	356.1	1990	0.0	3 Years	3.2	214.6	7/1990	226.6	3.8	4.4	4.5
September	39.8	381.6	1998	0.0	12 Years	1.2	81.3	9/1994	273	1.7	2.2	2.5
October	9.0	98.1	2004	0.0	21 Years	0.4	60.0	16/1995	298.8	0.7	1.0	1.0
November	2.2	48.6	1981	0.0	26 Years	0.2	38.6	3/1981	298.9	0.4	0.7	0.9
December	1.2	12.3	2008	0.0	24 Years	0.2	10.9	24/2007	289.8	0.8	1.2	1.5
Annual	247.6	547.1	1998	4.6	2002	10.3	214.6	7/8/1990	3428.2	1.7	2.0	2.1

HYDERABAD

Period : 1981-2010

WMO NO: 41765

ICAO ID: OPKD

Elevation: 40 m

Latitude: 25° 23' N Longitude: 68° 25' E

Established in 1877

Height => Barometer Cistern(amsl) = 41 m, Anemometer (agl) = 09 m, Steven Screen (amsl/agl)= 40 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1011.4	1012.6	1010.4	1016.1	1017.7	1014.9	13.3	13.0	23.6	65.8	65.4	32.6
February	1008.8	1010.4	1007.8	1013.5	1015.2	1012.2	15.8	15.7	27.1	65.0	64.2	28.4
March	1005.7	1007.1	1004.4	1010.0	1011.8	1008.7	20.2	21.2	32.7	64.1	60.6	23.9
April	1001.7	1003.4	1000.3	1006.2	1007.7	1004.7	23.9	25.8	37.5	67.9	61.8	23.3
May	997.8	999.1	996.3	1002.2	1003.5	1000.6	26.8	29.2	38.7	76.3	67.3	31.9
June	993.7	994.8	992.2	998.1	999.2	995.4	28.5	30.4	37.8	79.2	71.3	43.4
July	992.7	993.7	991.5	997.1	998.1	994.5	28.2	29.6	35.0	80.3	74.6	53.2
August	995.0	996.0	993.9	999.5	1000.5	998.2	27.1	28.2	33.4	82.3	77.3	57.3
September	999.5	1000.7	998.4	1004.0	1005.3	1002.7	26.1	27.4	34.4	82.5	76.4	48.2
October	1004.6	1006.4	1003.7	1009.3	1010.9	1008.0	23.4	24.8	34.4	70.4	65.9	30.9
November	1008.9	1010.7	1007.9	1013.4	1015.2	1012.3	19.4	19.9	29.9	65.5	62.2	30.1
December	1011.5	1013.2	1010.5	1016.2	1017.9	1015.0	14.7	14.6	24.7	65.8	64.3	35.1
Annual	1002.9	1004.3	1001.7	1007.3	1008.7	1005.7	22.1	23.3	32.3	72.1	67.3	37.1

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	18.0	11.4	4.4	1/1991	24.7	32.1	30/1987	4.8	4.7	7.1	N 4W	N	N13E
February	21.0	13.9	4.4	28/2008	28.1	38.2	16/1993	4.7	4.8	7.3	N33W	N20W	N 9W
March	26.2	18.8	10.8	1/1990	33.7	43.5	22/2004	5.2	5.1	8.1	S59W	S77W	S70W
April	30.9	22.8	12.0	7/1994	38.8	46.0	(2)/2002	7.4	7.4	11.0	S38W	S40W	S33W
May	33.3	26.1	19.0	4/1989	41.3	48.4	16/1986	10.7	11.7	15.3	S36W	S39W	S30W
June	34.0	27.9	20.3	1/1997	40.0	48.5	7/1991	12.1	13.7	15.2	S37W	S38W	S29W
July	32.4	27.6	21.4	26/1989	37.2	45.5	3/2009	12.7	13.9	16.3	S41W	S42W	S33W
August	31.1	26.5	22.8	9/1990	35.6	43.7	28/1987	12.0	12.3	14.6	S39W	S39W	S30W
September	31.0	25.4	21.5	23/1994	36.3	43.0	29/2001	9.3	9.9	12.9	S37W	S39W	S24W
October	29.6	22.5	15.7	2/1996	36.7	44.5	8/1987	5.0	5.0	8.0	S49W	S52W	S 7E
November	24.8	17.4	10.5	27/2003	31.9	39.0	7/2007	4.2	4.1	5.9	N22W	N14W	N22E
December	19.6	13.0	4.0	31/1990	26.2	36.0	9/2003	4.4	4.5	6.4	N	N	N13E
Annual	27.6	21.1	4.0	31/12/1990	34.1	48.5	7/6/1991	6.7	7.2	9.3	S54W	S58W	S39W

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	1.4	10.6	1992	0.0	13 Years	0.3	8.8	9/2008	255.2	0.7	1.4	1.6
February	6.8	106.0	2003	0.0	10 Years	0.7	71.0	18/2003	251.7	0.8	1.5	1.6
March	4.2	37.0	2006	0.0	14 Years	0.4	37.0	14/2006	275.6	0.8	1.5	1.9
April	7.0	33.9	1983	0.0	11 Years	0.6	30.7	2/1985	289.6	0.6	1.1	1.7
May	2.8	51.1	1999	0.0	22 Years	0.4	36.1	21/1999	299.0	0.5	0.8	0.9
June	4.4	76.5	2010	0.0	17 Years	0.6	70.3	7/2010	247.4	1.4	2.0	1.3
July	47.9	209.2	2003	0.0	6 Years	2.1	102.2	31/1992	195.0	3.3	3.9	3.2
August	71.8	284.6	1994	0.0	4 Years	2.2	110.3	6/1984	212.7	2.9	3.4	3.1
September	13.0	170.0	2006	0.0	18 Years	0.6	46.0	7/2006	265.3	0.9	1.2	1.3
October	5.4	103.3	2004	0.0	23 Years	0.3	85.6	3/2004	287.8	0.2	0.4	0.5
November	2.2	33.7	1984	0.0	23 Years	0.2	33.7	22/1984	271.9	0.3	0.7	0.8
December	2.1	33.2	2007	0.0	23 Years	0.3	18.6	24/2007	258.0	0.6	1.4	1.5
Annual	169.9	524.9	2006	8.5	1991	8.6	110.3	6/8/1984	3131.3	1.1	1.6	1.6

JACOBABAD

Period : 1981-2010

WMO NO: 41715

ICAO ID: OPJA

Elevation: 55 m

Latitude: 28° 18' N Longitude: 68° 28' E

Established in 1877

Height => Barometer Cistern(amsl) = 56 m, Anemometer (agl) = 09 m, Steven Screen (amsl/agl)= 55 m /1.19 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1010.4	1011.7	1009.2	1017.1	1018.5	1015.7	9.9	9.5	21.5	73.1	74.0	37.5
February	1007.5	1009.0	1006.4	1014.2	1015.7	1012.4	12.8	12.7	24.7	68.6	68.1	33.4
March	1003.8	1005.4	1002.7	1010.4	1012.0	1008.8	18.3	19.0	30.6	63.6	60.5	30.0
April	999.3	1001.0	997.7	1005.7	1007.3	1003.7	23.8	25.9	37.4	52.6	47.9	23.0
May	994.5	996.2	992.5	1000.7	1002.4	998.4	28.8	31.1	43.1	50.3	45.6	21.0
June	990.1	991.6	988.4	996.3	997.7	993.6	30.8	32.4	43.6	61.8	58.7	28.0
July	989.9	990.8	987.6	995.7	997.0	993.6	30.5	31.1	39.2	73.7	71.9	44.9
August	992.0	993.2	990.8	998.3	999.6	996.5	29.4	29.9	36.6	78.0	75.4	53.2
September	997.0	998.0	995.5	1003.3	1004.6	1001.6	27.2	28.2	35.7	79.0	74.8	48.1
October	1003.2	1004.8	1002.0	1009.7	1011.2	1008.1	21.7	23.2	33.6	75.7	69.8	35.7
November	1007.8	1009.4	1006.6	1014.5	1016.0	1012.9	15.6	16.5	28.6	75.0	71.5	33.9
December	1010.7	1012.1	1009.5	1017.5	1018.8	1016.0	10.7	10.5	22.8	76.2	75.3	39.7
Annual	1000.5	1002.0	999.1	1006.9	1008.4	1005.1	21.3	22.3	33.0	68.3	65.2	34.8

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	15.2	7.9	-1.0	6/2006	22.6	32.2	13/2005	0.8	1.0	2.1	N	N	N25W
February	18.2	10.9	2.2	11/1997	25.6	35.5	16/1993	1.2	1.5	2.9	N36E	N61E	N17E
March	24.0	16.6	7.6	1/1989	31.4	41.5	22/2004	1.7	2.4	3.3	E	N81E	S41E
April	30.5	22.4	13.1	8/1994	38.6	48.2	26/2000	2.0	3.4	3.6	S79E	S83E	S13E
May	35.6	27.4	18.9	4/1989	43.9	52.5	27/2010	2.7	4.3	4.0	S59E	S66E	S 5E
June	37.0	29.8	20.4	1/1997	44.4	52.5	(2)/2003	3.4	4.2	4.5	S54E	S55E	S29E
July	34.8	29.3	20.3	13/1982	40.2	52.0	1/1995	2.7	3.8	4.8	S53E	S54E	S41E
August	33.0	28.4	22.7	4/2000	37.6	45.0	2/1987	2.1	3.2	4.4	S49E	S53E	S41E
September	31.4	26.3	19.0	30/1991	36.8	42.2	20/1983	1.3	2.6	3.8	S54E	S59E	S36E
October	27.8	20.5	12.0	22/1990	35.1	40.0	4/2000	0.7	1.4	2.1	E	N78E	S21E
November	22.3	14.3	5.2	22/1996	30.3	37.2	1/1999	0.4	0.8	1.1	N25E	N45E	S24E
December	16.7	8.9	-0.8	8/1996	24.4	32.5	10/1998	0.4	0.6	1.4	N19W	N29W	N32W
Annual	27.0	19.9	-1.0	6/1/2006	34.1	52.5	27/5/2010	1.8	2.6	3.3	S63E	S67E	S34E

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	3.1	24.8	1992	0.0	8 Years	0.5	6.7	27/1992	238.3	1.3	1.9	1.9
February	7.3	38.4	1990	0.0	4 Years	1.0	23.3	13/1990	219.7	1.5	2.2	2.2
March	12.0	53.0	2007	0.0	5 Years	1.2	24.9	24/1982	257.4	1.6	2.3	2.6
April	2.7	17.0	1995	0.0	8 Years	0.7	12.1	21/1992	277.7	1.3	1.7	2.1
May	3.5	19.8	1997	0.0	11 Years	0.9	19.8	3/1997	295.9	0.9	0.9	1.2
June	3.2	34.0	2007	0.0	13 Years	0.5	25.6	20/1997	272.9	1.1	0.9	0.8
July	39.0	170.2	1985	0.0	4 Years	2.0	133.0	20/1985	242.6	2.4	2.5	2.0
August	35.6	298.3	1988	0.0	10 Years	1.2	251.5	7/1988	256.3	2.0	2.3	1.9
September	5.3	48.1	1994	0.0	18 Years	0.3	40.0	4/1994	277.9	0.5	0.7	0.6
October	1.7	37.1	1997	0.0	26 Years	0.1	27.0	9/1997	281	0.2	0.4	0.4
November	0.8	15.0	1982	0.0	21 Years	0.0	15.0	17/1982	249.8	0.4	0.9	0.9
December	8.3	124.9	2008	0.0	12 Years	0.3	57.3	8/2008	218.4	1.2	1.8	1.8
Annual	120.4	366.3	1994	17.1	2002	8.6	251.5	7/8/1988	3070.6	1.4	1.7	1.7

KARACHI (AP)

Period : 1981-2010

WMO NO: 41780

ICAO ID: OPKC

Elevation: 21 m

Latitude: 24° 54' N Longitude: 67° 08' E

Established in 1928

Height => Barometer Cistem(amsl) = 22 m, Anemometer (agl) = 07 m, Steven Screen (amsl/agl)= 21 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1013.4	1015.0	1012.5	1016.4	1017.8	1015.2	13.9	13.3	24.6	65.2	63.4	33.4
February	1011.3	1012.8	1010.3	1014.1	1015.2	1013.0	16.2	16.0	26.4	69.6	67.3	35.2
March	1008.3	1009.5	1007.5	1010.9	1012.5	1010.1	20.6	21.1	29.6	74.8	71.0	39.2
April	1004.9	1006.3	1004.1	1007.6	1008.9	1006.8	24.3	25.8	32.0	78.2	72.3	45.9
May	1001.3	1002.8	1000.5	1003.8	1005.1	1003.0	27.4	29.0	33.0	81.2	73.4	57.7
June	997.0	998.3	996.1	999.8	1000.9	998.7	29.0	30.3	33.1	80.9	74.6	62.3
July	996.3	997.2	995.7	998.7	999.8	998.1	28.4	29.3	31.4	81.7	77.5	67.6
August	998.5	999.4	997.8	1001.2	1002.1	1000.4	27.2	27.9	30.2	83.4	80.2	69.7
September	1002.8	1003.8	1001.9	1005.4	1006.5	1004.5	26.6	27.5	31.0	81.6	78.4	62.1
October	1007.6	1008.8	1006.4	1010.3	1011.6	1009.1	23.5	24.6	32.5	77.4	72.4	43.3
November	1011.4	1012.8	1010.2	1014.1	1015.6	1012.8	18.6	19.3	29.7	70.3	65.7	35.8
December	1013.7	1015.1	1012.5	1016.5	1017.9	1015.3	14.6	14.6	25.9	64.7	62.9	34.8
Annual	1005.6	1006.9	1004.7	1008.2	1009.6	1007.3	22.1	23.0	29.7	76.6	72.0	49.5

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	18.6	11.5	2.3	1/1991	26.3	32.3	27/1991	1.4	1.5	5.0	N37E	N32E	S44W
February	21.2	14.0	3.8	22/1984	28.4	36.1	25/1996	1.8	1.5	6.4	N	N16E	S52W
March	25.4	18.6	11.0	4/2003	32.2	42.2	20/2010	2.0	1.7	7.4	N81W	N67W	S61W
April	28.9	23.0	13.8	8/1994	34.7	43.4	30/2002	2.8	3.3	8.1	N83w	S87W	S58W
May	31.1	26.6	17.7	4/1989	35.5	46.0	22/1981	4.6	5.5	9.5	S78W	S81W	S58W
June	31.9	28.3	22.1	3/1997	35.4	46.0	5/1981	6.0	6.3	9.8	S71W	S73W	S54W
July	30.5	27.6	22.3	25/1989	33.3	40.0	22/1982	6.4	6.5	9.6	S75W	S78W	S59W
August	29.2	26.3	20.0	7/1984	32.1	41.6	27/2000	6.1	6.1	8.7	S77W	S78W	S63W
September	29.5	25.6	18.0	23/1994	33.2	42.1	13/2008	4.6	4.7	7.9	S82W	S85W	S60W
October	28.9	21.9	11.7	30/1984	35.5	42.6	10/2001	1.3	1.2	5.9	N76W	N69W	S57W
November	24.6	16.8	7.4	30/1986	32.5	38.5	2/1994	0.9	0.8	4.7	N32E	N30E	S45W
December	20.4	12.7	1.3	14/1986	28.2	34.5	11/2001	1.4	1.1	4.3	N40E	N36E	S14W
Annual	26.4	20.7	1.3	14/12/1986	32.0	46.0	5/6/1981	3.0	3.3	7.0	W	N87W	S56W

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	8.4	89.3	1995	0.0	8 Years	0.7	81.3	14/1995	253	1.1	1.9	1.9
February	7.4	33.2	1996	0.0	7 Years	0.8	33.2	24/1996	243.8	1.2	1.9	1.8
March	5.3	73.4	1981	0.0	15 Years	0.7	47.6	15/1981	261.7	1.4	2.2	2.0
April	3.0	47.6	1985	0.0	24 Years	0.2	37.0	2/1985	274.1	1.5	2.2	1.6
May	0.1	5.0	1997	0.0	27 Years	0.1	5.0	2/1997	271.1	2.8	3.4	1.8
June	10.8	110.2	2007	0.0	13 Years	0.9	77.1	6/2010	207.7	4.0	4.8	3.4
July	60.0	270.4	2003	0.0	2 Years	3.6	142.6	19/2009	113.3	5.6	6.4	5.7
August	60.9	250.4	2007	0.0	1987	3.3	124.2	10/2007	109	5.9	6.5	5.8
September	11.0	68.9	2009	0.0	11 Years	0.7	68.9	1/2009	208.1	3.8	4.3	3.3
October	2.6	39.3	2004	0.0	25 Years	0.3	26.5	3/2004	275.9	1.1	1.1	0.9
November	0.4	8.3	1993	0.0	21 Years	0.1	3.1	29/2006	261.8	0.6	0.9	1.1
December	4.8	61.3	2006	0.0	17 Years	0.7	36.1	5/2006	255.4	1.2	1.8	1.7
Annual	176.0	481.5	1994	0.0	1987	12.0	142.6	19/7/2009	2775.4	2.5	3.2	2.6

LARKANA

Period : 1981-2010

WMO NO: 41748

ICAO ID: N/A

Elevation: 53.0 m

Latitude: 27° 32' N Longitude: 68° 12' E

Established in 1985

Height => Barometer Cistern(amsl) = 53.6 m, Anemometer (agl) = 7.0 m, Steven Screen (amsl/agl)= 54.3 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1010.7	1012.3	1009.9	1017.3	1018.8	1016.2	9.0	10.0	21.6	85.0	80.3	47.1
February	1007.9	1009.8	1007.1	1014.7	1016.3	1013.4	11.7	12.9	25.2	81.8	76.7	42.0
March	1004.5	1006.1	1003.5	1011.0	1012.6	1009.6	16.9	18.7	31.3	76.3	69.3	35.8
April	1000.5	1001.7	998.9	1006.4	1008.0	1005.3	22.1	25.1	38.1	67.1	57.3	27.5
May	994.9	996.6	993.7	1001.1	1002.7	999.5	26.7	30.3	42.8	60.4	51.9	25.7
June	990.5	992.6	990.2	997.0	998.6	995.6	28.8	31.6	43.0	67.6	60.4	32.3
July	990.2	991.6	989.4	996.2	997.6	994.9	28.7	30.6	39.2	78.2	73.2	48.3
August	992.7	994.2	991.9	998.9	1000.3	997.8	27.6	29.1	36.6	82.7	79.0	55.7
September	997.5	999.1	996.4	1003.4	1005.0	1002.4	25.9	27.6	35.9	84.6	79.0	55.4
October	1002.2	1004.8	1002.7	1009.9	1011.6	1008.9	21.7	23.4	33.1	83.3	76.8	49.0
November	1008.3	1009.9	1007.3	1014.8	1016.5	1013.5	16.0	17.3	28.8	83.7	78.0	43.1
December	1010.9	1012.4	1010.0	1017.5	1019.1	1016.3	10.6	11.6	23.1	85.1	81.0	47.6
Annual	1001.0	1002.7	1000.1	1007.6	1009.1	1006.2	20.2	22.2	32.8	79.9	73.8	42.8

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	15.4	7.6	-1.0	6/2006	23.1	29.2	25/1990	1.1	1.2	2.0	N17E	N20E	N13E
February	18.9	10.6	1.8	1/2001	26.3	36.0	13/1993	1.8	1.6	2.5	N30E	N35E	N56E
March	24.3	15.8	4.3	4/2003	32.3	44.8	16/1988	1.9	2.1	3.0	N58E	N56E	S64E
April	29.7	20.9	10.8	3/1989	39.0	48.5	26/2000	2.1	2.4	3.5	S86E	S83E	S53E
May	34.8	25.6	14.4	4/1989	43.9	52.7	31/1998	2.7	3.2	4.5	S57E	S57E	S50E
June	35.9	27.8	18.3	1/1997	44.0	51.0	21/2010	3.7	3.8	4.8	S38E	S37E	S41E
July	34.1	27.7	21.5	22/1997	40.4	47.0	9/2009	3.5	3.5	4.1	S42E	S44E	S39E
August	31.7	26.7	19.2	(4)/1997	38.0	44.0	15/1998	2.7	2.9	2.9	S43E	S44E	S39E
September	30.8	24.9	20.5	(3)/1997	37.0	43.0	12/1998	2.0	2.3	2.4	S51E	S52E	S43E
October	27.6	20.6	13.0	27/1997	34.5	41.0	1/1998	1.3	1.3	1.7	N84E	N82E	N26E
November	22.7	14.8	6.1	20/1996	30.5	37.0	2/2001	0.9	1.1	1.4	N30E	N38E	N26E
December	17.6	9.3	0.5	30/1990	24.8	32.2	21/2001	0.9	1.0	1.4	N18E	N22E	N16E
Annual	26.6	19.1	-1.0	6/1/2006	34.3	52.7	31/ 5/1998	2.2	2.5	3.1	S74E	S73E	S65E

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	3.3	23.2	1992	0.0	6 Years	0.6	10.3	29/1992	212.6	1.2	1.5	1.6
February	5.1	29.0	2005	0.0	6 Years	0.5	17.5	9/2007	210.9	1.3	1.6	1.7
March	5.6	37.7	2005	0.0	4 Years	1.0	26.0	23/2006	251.3	1.5	1.6	2.0
April	4.5	37.0	2001	0.0	7 Years	0.7	35.0	18/2001	267.9	1.0	1.1	1.6
May	2.5	24.0	1991	0.0	9 Years	0.2	15.0	21/1991	290.5	0.5	0.6	1.1
June	8.5	70.5	1997	0.0	10 Years	0.7	45.0	21/1997	259.6	0.9	0.8	0.8
July	48.6	306.0	1994	0.0	7 Years	1.3	165.5	7/2003	247.8	2.0	1.9	1.7
August	34.5	207.0	2010	0.0	7 Years	1.2	131.0	5/2010	250.8	1.6	1.7	1.4
September	3.7	72.0	1994	0.0	17 Years	0.2	72.0	4/1994	260.6	0.6	0.6	0.6
October	1.5	23.3	1995	0.0	19 Years	0.3	21.3	16/1995	272.0	0.2	0.3	0.3
November	0.7	11.7	1997	0.0	19 Years	0.1	9.9	25/1997	245.0	0.5	0.7	0.7
December	8.9	132.1	2008	0.0	11 Years	0.4	49.3	7/2008	217.3	1.0	1.3	1.4
Annual	128.6	580.2	1994	15.0	2009	7.3	165.5	7/7/2003	2979	1.1	1.2	1.3

MOEN-JO-DARO

Period : 1981-2010

WMO NO: 41747

ICAO ID: OPMJ

Elevation: 52.1 m

Latitude: 27° 22' N Longitude: 68° 06' E

Established in 1977

Height => Barometer Cistern(amsl) = 53.2 m, Anemometer (agl) = 06.5 m, Steven Screen (amsl/agl)= 52.1 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1010.4	1011.5	1009.3	1016.8	1017.5	1015.5	6.3	7.7	21.7	87.8	81.4	39.2
February	1007.7	1008.8	1006.6	1014.0	1015.1	1012.5	9.1	10.9	25.1	84.9	77.9	34.4
March	1004.1	1005.3	1002.8	1010.2	1011.4	1008.6	14.7	17.5	31.1	78.3	69.8	29.0
April	999.6	1000.8	998.1	1005.7	1006.7	1003.9	20.1	25.5	38.1	69.4	50.7	20.5
May	994.6	995.9	993.2	1000.5	1002.0	997.8	25.1	30.5	42.2	64.8	50.0	19.7
June	990.8	991.0	988.4	996.0	996.9	994.0	28.3	32.1	42.9	69.6	58.9	26.8
July	989.5	990.4	988.3	995.4	996.2	993.7	28.8	31.1	39.4	77.0	68.5	41.1
August	992.3	993.0	991.1	998.2	998.5	996.7	27.9	29.4	37.6	80.1	73.9	47.6
September	996.9	998.0	995.8	1002.8	1003.8	1001.5	25.5	27.7	36.7	83.0	74.9	44.3
October	1003.1	1004.4	1002.3	1008.8	1010.3	1008.2	19.3	22.7	33.4	83.9	73.7	39.5
November	1007.9	1009.0	1006.7	1014.1	1015.3	1012.6	12.9	15.5	28.4	86.0	78.4	37.6
December	1010.5	1011.5	1009.5	1016.8	1017.8	1015.4	7.8	9.3	22.8	88.6	82.6	42.8
Annual	1000.7	1001.8	999.4	1006.7	1007.8	1005.2	18.6	21.5	33.0	80.7	70.7	35.4

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	13.9	4.7	-5.4	6/2006	23.1	29.4	14/2002	0.6	0.9	3.0	N 7E	N	N 3E
February	16.7	7.9	-2.6	17/1991	26.2	36.5	18/1993	0.9	1.3	3.8	N	N 5E	N12E
March	23.0	13.3	2.2	3/1983	32.1	42.6	31/2002	1.3	2.1	4.3	N29E	N20E	E
April	29.1	18.9	3.0	16/2009	38.7	48.4	26/2000	1.5	2.6	4.2	S57E	S62E	S28E
May	34.1	24.0	13.0	21/1986	43.8	53.5	27/2010	2.8	3.6	4.6	S26E	S28E	S27E
June	35.0	27.4	15.6	1/1982	44.2	51.7	4/2003	4.8	4.8	5.5	S21E	S19E	S21E
July	33.9	27.9	18.4	3/1985	40.9	47.6	16/1985	5.2	6.7	6.0	S24E	S25E	S20E
August	32.9	27.0	18.0	7/1988	38.7	46.0	2/1987	4.4	4.4	4.6	S24E	S26E	S24E
September	30.9	24.7	14.5	30/1991	37.5	43.6	27/1987	3.1	3.3	5.0	S28E	S31E	S28E
October	26.7	18.2	0.0	27/1982	35.2	49.5	1/1987	1.0	1.4	2.6	N75E	N49E	N10E
November	21.1	11.8	-1.0	22/1987	30.5	39.2	2/2001	0.5	1.0	1.7	N24E	N16E	N 4E
December	15.9	7.3	-4.0	24/1984	24.8	32.4	10/2001	0.4	0.9	1.9	N10E	N	N
Annual	25.9	17.3	-5.4	6/1/2006	34.5	53.5	27/5/2010	2.4	2.8	3.8	S37E	S45E	S47E

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	2.6	25.9	1992	0.0	14 Years	0.2	9.0	27/1992	-----	1.0	1.2	1.2
February	5.8	45.2	2005	0.0	10 Years	0.5	19.5	8/2005	-----	1.1	1.4	1.4
March	3.4	17.5	2005	0.0	10 Years	0.9	14.0	21/2005	-----	1.1	1.4	1.8
April	2.9	22.0	1995	0.0	16 Years	0.2	22.0	18/1995	-----	0.7	0.8	1.3
May	2.2	29.3	2008	0.0	19 Years	0.3	27.0	14/2008	-----	0.4	0.4	0.9
June	2.5	25.4	1997	0.0	19 Years	0.4	14.0	30/1997	-----	0.7	0.6	0.6
July	39.9	213.5	1989	0.0	8 Years	1.9	69.0	19/1985	-----	1.8	1.7	1.5
August	26.6	160.0	1994	0.0	10 Years	1.4	119.6	21/1994	-----	1.5	1.5	1.4
September	6.6	83.3	1994	0.0	21 Years	0.3	83.3	3/1994	-----	0.5	0.5	0.5
October	0.4	7.0	1997	0.0	25 Years	0.1	4.0	16/2008	-----	0.2	0.2	0.3
November	0.9	15.4	2002	0.0	25 Years	0.1	13.4	9/2002	-----	0.4	0.7	0.5
December	6.3	117.5	2008	0.0	16 Years	0.3	42.0	7/2008	-----	0.7	1.0	1.1
Annual	97.1	413.1	1994	10.0	1987	6.6	119.6	21/8/1994	-----	0.7	0.9	0.9

NAWABSHAH

Period : 1981-2010

WMO NO: 41749

ICAO ID: OPNH

Elevation: 37 m

Latitude: 26° 15' N Longitude: 68° 22' E

Established in 1953

Height => Barometer Cistern(amsl) = 38 m, Anemometer (agl) = 05 m, Steven Screen (amsl/agl)= 37 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1013.3	1014.7	1012.0	1016.9	1018.3	1015.5	8.2	8.3	23.1	84.8	83.5	43.1
February	1010.5	1012.0	1009.3	1014.0	1015.6	1012.7	10.7	11.2	26.2	80.7	79.4	37.4
March	1006.6	1008.2	1005.6	1010.1	1011.8	1009.0	16.2	17.3	32.6	76.7	73.3	33.5
April	1002.2	1003.8	1001.0	1005.7	1007.1	1004.3	21.1	23.9	38.9	70.8	64.1	28.4
May	997.7	999.1	996.7	1001.1	1002.5	999.5	25.6	29.1	42.8	69.5	61.7	26.4
June	993.2	994.5	991.8	996.6	997.9	995.1	28.3	31.1	42.5	74.3	66.9	34.2
July	992.5	991.4	991.4	995.9	996.9	994.6	28.2	30.2	39.0	79.4	74.5	48.8
August	995.0	996.1	994.0	998.4	999.4	997.3	27.0	28.6	37.0	82.5	78.5	52.8
September	999.7	1001.2	998.7	1003.2	1004.6	1002.1	24.9	26.5	37.4	83.8	79.8	44.5
October	1006.0	1007.5	1004.9	1009.4	1011.0	1008.3	19.9	21.4	35.6	83.0	78.8	36.8
November	1010.5	1012.2	1009.4	1014.1	1015.7	1012.8	14.0	14.8	30.0	83.9	80.8	39.1
December	1013.4	1015.0	1012.3	1017.0	1018.6	1015.7	9.5	9.7	23.4	85.1	83.2	43.9
Annual	1003.4	1004.9	1002.4	1006.9	1008.4	1005.7	19.3	20.7	33.8	81.7	77.7	40.8

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	15.4	6.3	-2.6	15/2000	24.5	33.7	13/2004	1.4	1.6	4.0	N23W	N28W	N14W
February	18.0	8.7	-3.5	8/2008	27.9	38.0	26/2004	1.5	1.7	4.3	N27W	N32W	N45W
March	24.0	14.2	1.0	6/2010	33.8	44.5	23/2010	1.7	2.1	4.9	S	N35W	S65W
April	29.8	19.4	7.0	8/1994	40.2	48.5	28/2002	2.3	2.9	5.5	S13E	S27E	S32W
May	34.5	24.6	15.8	5/1996	44.2	52.2	27/2010	4.2	5.1	6.8	S14E	S21E	S14W
June	35.6	27.3	17.0	1/1982	43.9	50.5	(2)/2005	6.6	7.9	8.9	S 9E	S14E	S 7E
July	34.0	27.2	20.0	6/2005	40.7	47.0	8/1987	6.5	7.0	9.1	S13E	S18E	S17E
August	32.3	25.9	21.5	(2)/2008	38.8	48.5	(3)/2004	5.7	6.1	8.2	S17E	S25E	S23E
September	31.5	23.8	14.5	23/1982	39.0	44.5	25/1987	4.6	4.9	6.9	S23E	S32E	S24E
October	28.0	18.4	7.5	30/1984	37.7	43.5	5/2010	1.8	2.1	4.0	S27E	S40E	S18W
November	22.4	12.4	3.5	25/2008	32.3	41.0	2/2001	0.9	1.3	2.4	N20W	N17W	N30W
December	16.9	7.8	-1.0	31/1990	26.1	35.0	10/1989	1.2	1.6	3.2	N27W	N28W	N20W
Annual	26.7	17.9	-3.5	8/2/2008	35.5	52.2	27/ 5/2010	3.1	3.5	5.4	S13E	S20E	S

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	2.5	28.5	1981	0.0	14 Years	0.1	28.5	6/1981	243.4	0.8	1.6	1.8
February	3.3	29.2	1993	0.0	9 Years	0.3	29.2	25/1993	243.6	0.9	1.7	2.0
March	3.5	36.9	2007	0.0	13 Years	0.1	27.7	11/2007	267.4	1.1	1.9	2.4
April	2.8	30.2	1995	0.0	14 Yeeears	0.3	30.2	18/1995	280.5	0.7	1.3	2.0
May	1.5	18.0	1983	0.0	17 Years	0.4	17.0	22/1983	299.8	0.4	0.7	1.2
June	5.0	61.0	2010	0.0	20 Years	0.3	39.0	7/2010	275.4	0.9	1.3	1.5
July	58.3	301.5	2003	0.0	5 Years	1.5	99.0	29/1986	239.3	2.3	3.2	3.1
August	48.8	234.4	1994	0.0	4 Years	1.4	94.0	1/1992	256.7	2.0	2.8	2.9
September	16.1	238.7	1994	0.0	15 Years	0.6	143.0	4/1994	271.3	0.6	1.1	1.2
October	3.4	51.8	1997	0.0	23 Years	0.1	72.0	7/1992	290.9	0.2	0.4	0.6
November	0.4	5.1	1989	0.0	24 Years	0.0	4.8	25/1989	262.8	0.3	0.7	0.8
December	3.2	48.4	2008	0.0	23 Years	0.2	25.0	5/2008	246.9	0.6	1.5	1.6
Annual	153.7	551.7	1994	0.0	1987	5.3	143.0	4/9/1994	3199.7	0.9	1.5	1.8

PADIDAN

Period : 1981-2010

WMO NO: 41746

ICAO ID: N/A

Elevation: 46 m

Latitude: 26° 51' N Longitude: 68° 08' E

Established in 1941

Height => Barometer Cistern(amsl) = 47 m, Anemometer (agl) = 07 m, Steven Screen (amsl/agl)= 46 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1011.2	1012.6	1010.2	1016.9	1018.4	1015.4	8.1	8.2	21.7	84.9	85.7	43.6
February	1008.4	1009.9	1007.5	1014.0	1015.5	1012.6	10.4	10.7	25.1	82.3	81.4	38.6
March	1004.8	1006.4	1003.6	1010.2	1011.8	1008.8	15.7	17.0	31.2	77.8	74.6	33.0
April	1000.5	1002.0	999.1	1005.8	1007.3	1004.2	21.2	24.1	38.1	66.7	58.7	23.2
May	995.7	997.3	994.3	1001.0	1002.5	999.4	25.8	29.3	42.7	65.5	55.9	22.0
June	991.2	992.6	989.5	996.3	997.7	994.5	28.0	31.0	42.8	72.8	63.8	30.5
July	990.3	991.7	989.0	995.5	996.9	994.0	28.1	30.3	39.0	78.9	72.6	46.6
August	993.1	994.4	991.8	998.3	999.6	996.8	26.9	28.8	37.0	83.8	77.9	54.4
September	997.9	999.3	996.8	1003.2	1004.5	1001.9	24.7	26.7	36.8	84.9	79.0	48.7
October	1004.1	1005.7	1003.4	1009.5	1011.0	1008.2	19.5	21.3	34.3	82.8	78.0	39.4
November	1008.6	1010.2	1007.4	1014.1	1015.6	1012.7	13.9	14.9	28.6	83.8	81.2	40.3
December	1011.4	1013.0	1010.3	1017.1	1018.6	1015.7	9.5	9.7	23.1	85.9	85.5	44.6
Annual	1001.6	1003.1	1000.4	1007.0	1008.5	1005.5	19.1	21.0	33.2	79.2	73.8	38.5

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	14.8	6.5	0.4	24/2008	23.1	39.0	3/1981	1.2	1.2	2.3	N 2E	N	N 3W
February	17.7	8.9	-1.0	9/2008	26.4	36.0	26/2004	1.7	1.3	2.5	N 4W	N	N16W
March	23.5	14.5	3.0	1/1989	32.2	43.0	30/2010	1.5	1.5	2.7	N12E	N20E	N39W
April	29.9	20.2	10.0	11/2005	39.4	48.0	30/2001	1.8	1.9	3.0	S42E	S43E	S56W
May	34.4	24.7	11.5	8/1989	43.9	52.5	27/2010	2.3	2.5	3.0	S22E	S20E	S14W
June	35.5	27.0	2.5	7/1987	44.1	51.6	11/2007	3.0	3.3	3.6	S12E	S15E	S 3E
July	33.7	26.9	18.5	29/1988	40.6	48.0	8/1986	2.8	2.9	3.4	S18E	S22E	S 8E
August	32.1	25.8	19.0	15/1988	38.4	44.0	1/1998	2.3	2.3	3.0	S19E	S25E	S 9E
September	31.0	23.7	14.0	20/1987	38.3	44.0	20/1981	1.8	2.0	2.3	S28E	S34E	S10E
October	27.5	18.3	7.0	30/1990	36.3	43.0	4/1985	1.1	1.3	1.7	N43E	N56E	N15W
November	22.4	12.4	3.5	20/1996	31.1	39.5	2/2001	1.1	1.0	1.5	N 8E	N12E	N 8W
December	16.4	7.6	0.0	6/1987	25.3	33.0	10/2001	1.0	1.0	1.9	N	N	N
Annual	26.5	17.8	-1.0	9/2/2008	34.8	52.5	27/5/2010	1.8	1.9	2.5	S52E	S52E	W

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	2.9	41.9	1992	0.0	12 Years	0.2	23.9	27/1992	246.8	0.7	1.2	1.4
February	4.3	26.1	1999	0.0	10 Years	0.6	20.0	23/1987	239.9	0.9	1.3	1.5
March	4.4	32.5	1997	0.0	8 Years	0.6	20.5	15/1997	263.5	1.0	1.5	1.8
April	2.1	22.5	1995	0.0	17 Years	0.2	22.1	18/1995	275.5	0.6	0.9	1.3
May	1.3	18.2	1996	0.0	17 Years	0.4	25.0	8/1981	309.2	0.4	0.4	0.8
June	4.2	45.5	2007	0.0	17 Years	0.4	42.8	21/1991	274.5	0.8	0.8	0.7
July	41.8	166.1	1992	0.0	4 Years	2.2	138.0	31/1992	255.9	2.0	2.3	2.1
August	40.9	300.1	1992	0.0	7 Years	1.9	143.0	1/1992	261.1	1.6	1.9	2.1
September	5.4	79.8	1994	0.0	19 Years	0.3	48.0	4/1994	290.2	0.5	0.6	0.7
October	0.7	10.5	2004	0.0	26 Years	0.2	6.0	2/2004	298	0.2	0.3	0.3
November	0.3	6.3	1989	0.0	25 Years	0.0	4.8	25/1997	272.7	0.3	0.5	0.5
December	5.5	105.3	2008	0.0	16 Years	0.3	32.0	18/2008	240.5	0.6	1.1	1.2
Annual	114.7	546.9	1992	4.7	1987	7.3	143.0	1/8/1992	3268.4	0.8	1.1	1.2

ROHRI

Period : 1981-2010

WMO NO: 41725

ICAO ID: OPSK

Elevation: 66 m

Latitude: 27° 42' N Longitude: 68° 54' E

Established in 1925

Height => Barometer Cistern(amsl) = 68 m, Anemometer (agl) = 09.6 m, Steven Screen (amsl/agl)= 66 m /1.3 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1008.5	1010.0	1007.4	1016.8	1018.2	1015.2	10.0	10.2	21.7	77.5	76.3	39.1
February	1005.7	1007.4	1004.7	1014.1	1015.5	1012.5	12.6	13.1	24.5	73.2	71.1	35.0
March	1002.4	1003.7	1001.1	1010.3	1011.8	1008.7	17.5	18.5	30.3	69.6	66.4	32.0
April	997.9	999.5	996.5	1007.5	1007.2	1003.8	23.1	24.9	37.0	55.9	52.2	22.8
May	993.2	994.6	991.5	1000.7	1002.3	998.8	27.5	29.6	41.9	54.9	51.7	20.7
June	988.6	990.2	987.5	996.1	997.7	994.0	29.3	30.9	42.3	66.1	62.4	27.4
July	989.2	989.4	986.2	995.6	996.8	993.5	28.8	30.0	39.2	75.3	72.1	42.3
August	990.3	991.9	988.8	998.1	999.3	996.3	27.7	28.8	37.2	78.8	75.7	47.6
September	995.6	997.0	993.9	1003.2	1004.5	1001.5	26.0	27.4	36.6	79.0	73.9	41.4
October	1001.6	1003.2	1000.4	1009.5	1010.9	1007.8	21.6	23.1	33.6	74.0	68.1	34.0
November	1006.2	1007.8	1004.9	1014.1	1015.7	1012.5	15.9	17.0	28.3	76.4	71.1	35.3
December	1008.8	1010.3	1007.5	1016.8	1018.4	1015.4	11.2	11.5	22.6	79.3	77.1	41.1
Annual	999.1	1000.6	997.6	1006.9	1008.4	1005.1	20.4	21.9	32.4	72.8	68.2	35.4

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	15.6	8.3	1.0	3/1991	22.6	30.0	27/1990	1.7	1.7	2.5	N64E	N72E	N42E
February	18.2	10.8	2.0	8/1989	25.6	35.5	29/2008	1.9	2.1	2.8	N65E	N67E	N28E
March	23.6	15.9	5.0	1/1989	31.2	42.0	29/2010	2.2	2.4	3.0	N70E	N75E	N14E
April	29.8	21.7	10.0	3/1989	38.1	47.5	26/2000	2.2	2.5	3.1	S79E	S69E	N65W
May	34.5	26.1	10.0	15/1991	43.0	50.5	25/2010	2.9	3.0	3.3	S20E	S23E	S69W
June	35.6	27.7	19.0	24/1991	43.5	51.0	1/1996	3.7	3.7	3.4	S 2E	S 2E	S39W
July	33.9	27.1	17.5	26/1989	40.5	48.5	1/1995	3.4	3.1	3.3	S 6E	S 8E	S14W
August	32.3	26.0	17.5	28/1989	38.3	47.0	9/1987	3.0	2.9	3.0	S 7E	S 6E	S
September	31.2	24.4	16.5	27/1989	37.8	43.0	7/2005	2.2	2.5	2.7	S22E	S20E	N17W
October	27.6	19.9	9.5	28/1989	35.2	41.0	12/1998	1.4	1.7	2.3	E	S83E	N11E
November	22.1	14.2	5.0	17/1996	30.0	38.0	6/1990	1.7	1.6	1.9	N75E	N85E	N28E
December	16.9	9.6	-1.5	15/1986	24.3	31.5	4/2001	1.1	1.3	2.0	N62E	N71E	N36E
Annual	26.4	18.7	-1.5	15/12/1986	34.0	51.0	1/6/1996	2.5	2.5	2.9	S57E	S55E	N

Month	Mean	PRECIPITATION (mm)							Sunshine	Total Clouds (Oktas)		
		Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	4.1	42.5	1992	0.0	12 Years	0.4	31.2	16/2009	241.1	1.0	1.4	1.3
February	5.5	38.4	2007	0.0	13 Years	0.6	20.3	28/2007	227.7	1.1	1.5	1.6
March	6.1	51.9	1982	0.0	11 Years	0.5	25.0	23/1982	256.5	1.1	1.5	1.7
April	4.9	47.0	2001	0.0	16 Years	0.4	45.0	18/2001	278.8	0.8	1.0	1.3
May	4.3	39.0	1997	0.0	19 Years	0.2	39.0	3/1997	293.6	0.5	0.6	0.6
June	6.4	45.0	1994	0.0	19 Years	0.5	45.0	12/1994	266.0	0.8	0.9	0.6
July	39.7	209.6	1994	0.0	8 Years	1.5	173.7	31/1992	222.9	1.8	2.1	1.7
August	24.8	140.3	1994	0.0	12 Years	0.6	98.8	7/1988	254.2	1.3	1.6	1.7
September	3.0	50.5	1994	0.0	25 Years	0.2	41.6	4/1994	289.8	0.5	0.6	0.5
October	2.5	66.0	1997	0.0	27 Years	0.1	40.0	19/1997	296.3	0.2	0.2	0.2
November	0.2	4.0	1997	0.0	27 Years	0.0	4.0	25/1997	279.4	0.3	0.6	0.5
December	4.1	96.7	2008	0.0	19 Years	0.3	30.9	7/2008	231.5	0.7	1.2	1.1
Annual	106.5	452.3	1994	5.8	1991	5.3	173.7	31/ 7/1992	3153.6	0.9	1.0	1.0

SUKKUR (AP)

Period : 1981-2010

WMO NO: 41724

ICAO ID: N/A

Elevation: 58.2 m

Latitude: 27° 42' N Longitude: 68° 25' E

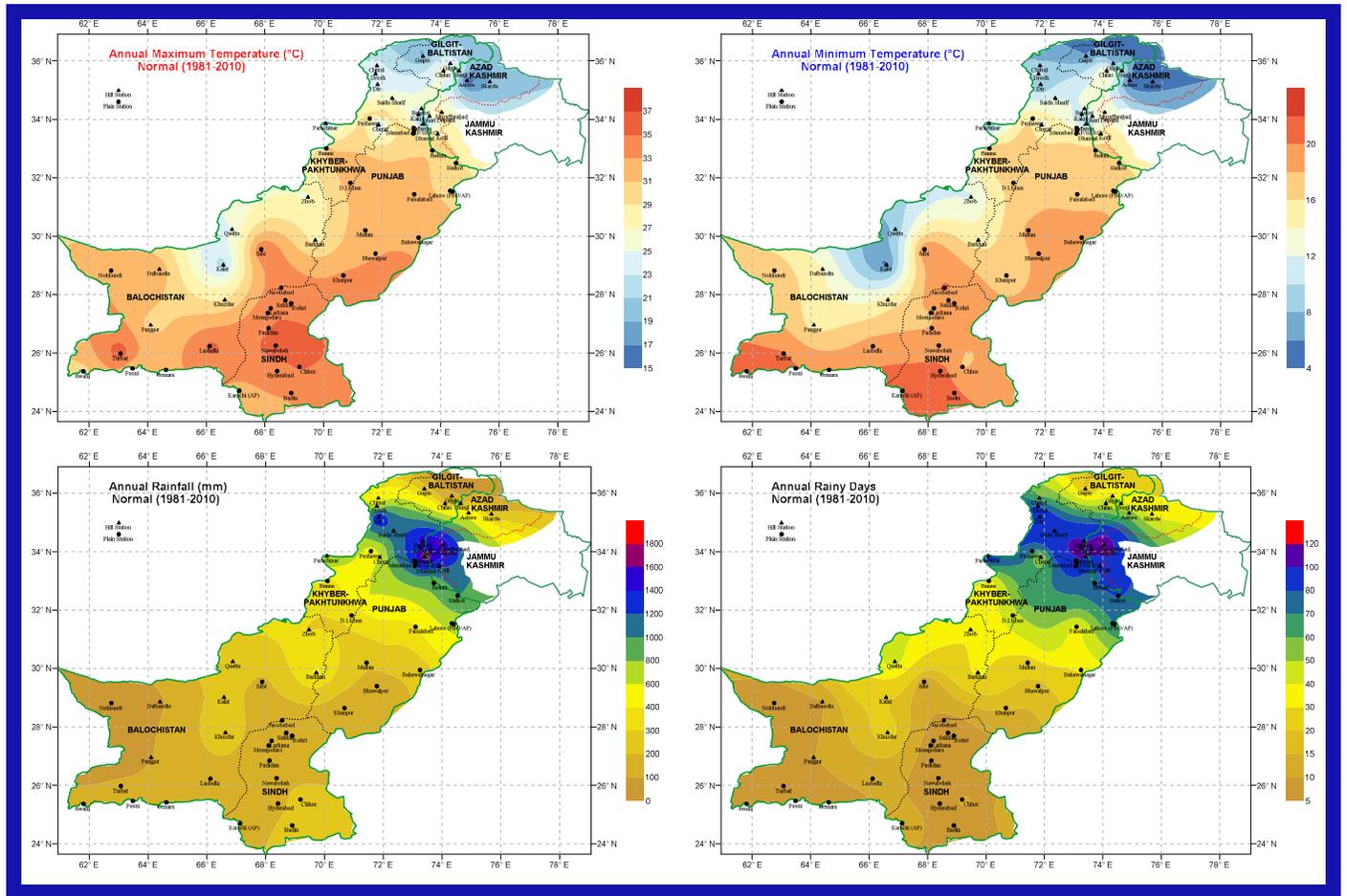
Established in 1985

Height => Barometer Cistern(amsl) = 58.7, Anemometer (agl) = 15.8 Steven Screen (amsl/agl)= 59.4 m /1.2 m

Month	Atmospheric Pressure (hPa/gpm)						Dry Bulb Temperature (°C)			Relative Humidity (%)		
	Station Level			Sea Level			00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC						
1	2	3	4	5	6	7	8	9	10	11	12	13
January	1010.7	1012.1	1009.8	1018.9	1020.3	1017.7	8.4	8.4	21.5	85.1	84.9	42.1
February	1008.3	1009.6	1007.3	1016.4	1017.7	1014.9	11.7	12.0	25.0	79.9	79.1	37.4
March	1004.3	1005.8	1003.4	1012.3	1013.7	1011.0	16.7	18.2	31.3	75.4	70.4	31.8
April	1000.0	1001.5	998.8	1007.8	1009.2	1006.2	22.4	25.4	38.2	61.9	54.4	23.5
May	995.0	996.6	993.7	1002.6	1004.1	1001.0	27.0	30.7	42.5	61.6	53.5	22.6
June	991.4	992.8	990.6	999.0	1000.4	997.1	29.3	31.4	42.3	68.9	63.4	31.1
July	990.6	991.9	989.3	998.1	999.3	996.7	29.3	30.8	39.9	76.1	71.9	44.6
August	993.2	994.2	992.0	1000.7	1002.0	999.4	28.2	29.5	38.1	80.1	75.6	48.5
September	995.5	999.2	996.7	1005.4	1006.8	1004.3	26.0	27.7	36.9	83.6	78.0	45.9
October	1003.8	1005.2	1002.8	1011.5	1013.0	1010.3	20.7	22.4	33.7	84.3	79.3	42.4
November	1008.1	1009.6	1007.1	1015.6	1017.5	1014.9	14.5	15.3	27.8	83.9	81.1	43.1
December	1010.7	1012.0	1009.6	1018.9	1020.2	1017.3	9.5	9.7	22.7	86.6	85.8	47.0
Annual	1001.3	1002.7	1000.5	1008.9	1010.5	1008.1	20.1	21.6	33.1	77.9	74.2	39.3

Month	Mean Temperature (°C)	Minimum Temperature (°C)			Maximum Temperature (°C)			Wind					
		Mean	Lowest		Mean	Highest		Speed (knots)			Direction		
			Extreme	Date		Extreme	Date	00 UTC	03 UTC	12 UTC	00 UTC	03 UTC	12 UTC
14	15	16	17	18	19	20	21	22	23	24	25	26	27
January	14.8	6.9	1.0	6/2007	22.9	29.0	25/2003	1.5	2.0	2.7	N28E	N32E	N14E
February	18.2	10.2	1.5	(2)/2008	26.2	35.5	(2)/2008	1.9	2.9	3.3	N47E	N39E	N20E
March	23.9	15.4	3.0	2/1997	32.4	42.5	22/2004	2.4	3.0	3.6	N37E	N38E	E
April	30.2	21.1	9.5	5/2000	39.2	46.5	25/2000	3.0	3.6	4.4	N81E	S45E	S
May	34.6	25.9	16.5	19/2002	43.3	50.5	27/2010	3.9	5.2	5.4	S47E	S51E	S37E
June	35.6	28.3	19.5	7/2009	43.2	50.0	(2)/2003	4.8	6.1	5.9	S54E	S11E	S52E
July	34.7	28.4	23.5	6/2005	41.0	46.5	8/2009	3.9	4.8	5.2	S58E	S60E	S48E
August	32.4	27.3	21.5	4/2010	39.1	44.5	(2)/1998	3.1	4.0	4.0	S51E	S62E	S46E
September	31.5	24.9	19.5	15/2000	37.9	43.5	7/2005	2.8	3.8	3.6	S63E	S73E	S46E
October	27.8	20.0	12.4	21/2003	35.6	41.6	2/1998	1.3	1.8	2.1	N66E	N72E	N62W
November	21.8	13.2	5.0	(2)/2003	30.3	37.2	1/2001	1.2	1.9	1.3	N 7E	N25E	N28W
December	16.5	8.3	1.0	31/2007	24.8	31.0	10/2001	0.7	1.4	1.4	N26E	N 7W	N24W
Annual	26.5	18.6	1.0	31/12/2007	34.4	50.5	27/ 5/2010	3.2	4.0	4.1	S77E	S81E	S67E

Month	PRECIPITATION (mm)								Sunshine	Total Clouds (Oktas)		
	Mean	Wettest month		Driest Month		Rainy Days	Heaviest fall in 24 hrs.			Hours	00 UTC	03 UTC
		Amount	Year	Amount	Year		Extreme	Date				
28	29	30	31	32	33	34	35	36	37	38	39	40
January	3.5	11.0	2000	0.0	4 Years	0.3	10.6	15/2009	-----	0.9	1.6	1.5
February	7.0	44.7	2007	0.0	8 Years	0.6	31.2	10/2007	-----	0.9	1.6	1.5
March	6.8	20.2	1998	0.0	5 Years	0.8	17.0	20/2005	-----	1.0	1.6	1.6
April	5.7	32.0	1997	0.0	8 Years	0.4	25.0	28/1997	-----	0.7	1.0	1.3
May	5.0	35.0	1997	0.0	9 Years	0.4	28.0	3/1997	-----	0.5	0.6	0.6
June	4.5	19.8	2007	0.0	6 Years	0.5	19.0	27/2004	-----	0.9	1.1	0.9
July	20.8	117.6	2003	0.0	4 Years	1.0	51.0	12/2001	-----	1.9	2.2	1.8
August	20.4	130.0	2008	0.0	5 Years	0.6	92.0	4/2008	-----	1.5	1.8	1.6
September	0.9	16.0	2008	0.0	10 Years	0.1	14.0	7/2008	-----	0.5	0.7	0.5
October	3.0	39.3	1997	0.0	12 Years	0.1	14.6	16/1997	-----	0.3	0.4	0.3
November	0.6	10.0	1997	0.0	12 Years	0.1	10.0	25/1997	-----	0.4	0.6	0.6
December	9.4	114.2	2008	0.0	8 Years	0.3	38.8	6/2008	-----	0.6	1.1	1.1
Annual	88.9	292.7	2008	6.6	2002	5.2	92.0	4/8/2008	-----	0.8	1.3	1.2



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