

CLIMATE

- 3.1 : Monthly (Actual) Rainfall
- 3.2 : Monthly (Actual and Normal) Rainfall
- 3.3 : Maximum Temperature at (2013)
- 3.4 : Minimum Temperature at (2013)

Table 3.1: Monthly (Actual) Rainfall

	(millimeter)				
Year	2009	2010	2011	2012	2013
January	48.8	18.2	35.1	112.1	75.6
February	45.2	85.6	98.5	66.4	174.2
March	30.3	31.8	61.0	43.2	75.1
April	51.8	47.2	59.5	64.1	25.0
May	50.2	79.4	47.1	11.5	31.3
June	37.2	125.8	141.6	25.5	240.7
July	156.6	269.8	164.9	207.1	219.7
August	126.7	284.3	321.5	311.6	245.9
September	187.0	195.2	104.8	152.1	67.9
October	12.3	24.1	7.6	2.9	20.5
November	46.0	9.1	0.6	6.7	15.8
December	13.6	57.4	9.6	31.8	25.4

Source: Indian Meteorological Department
Statistical Year Book, India 2015

Table 3.2: Monthly (Actual and Normal) Rainfall

Year	2010	2011	2012	2013
January				
Actual	18.2	35.1	112.1	75.6
Normal	99.9	97.5	97.5	97.5
February				
Actual	85.6	98.5	66.4	174.2
Normal	92.2	98.0	98.0	98.0
March				
Actual	31.8	61.0	43.2	75.1
Normal	114.6	114.2	114.2	114.2
April				
Actual	47.2	59.5	64.1	25.0
Normal	66.3	65.4	65.4	65.4
May				
Actual	79.4	47.1	11.5	31.3
Normal	65.7	65.3	65.3	65.3
June				
Actual	125.8	141.6	25.5	240.7
Normal	89.9	95.4	95.4	95.4
July				
Actual	269.8	164.9	207.1	219.7
Normal	288.2	306.9	306.9	306.9
August				
Actual	284.3	321.5	311.6	245.9
Normal	261.6	283.0	283.0	283.0
September				
Actual	195.2	104.8	152.1	67.9
Normal	134.2	140.0	140.0	140.0
October				
Actual	24.1	7.6	2.9	20.5
Normal	45.9	42.5	42.5	42.5
November				
Actual	9.1	0.6	6.7	15.8
Normal	19.6	20.3	20.3	20.3
December				
Actual	57.4	9.6	31.8	25.4
Normal	45.6	45.4	45.4	45.4

Source: Indian Meteorological Department
Statistical Year Book, India
2015

Table 3.3: Maximum Temperature at (2013)

(In Celsius)

Centers	J	F	M	A	M	J	J	A	S	O	N	D
Saloni	14.1	14.8	24.6	26.3	31.3	31	29.7	27.6	28	25.4	21.4	17.7
Dharamshala	16.8	17.7	22.4	25	31.6	28.8	27.6	26.8	27.4	25.7	21.3	16.5
Kalpa	3.6	1.9	9.7	16.6	21.7	22.3	23.6	22.5	21.3	19.2	14	10.2
Bhuntar	16.6	16.7	24.4	26.9	33.1	31.9	31.5	31	32	29.1	23.6	19.3
Keylong	2	4.9	8.1	13.3	21	25.9	28.1	26.2	22.2	15.5	9.3	6.1
Sundernagar	18.9	19.1	26.1	29.5	35.6	31.7	31.5	30.6	31.3	29.1	25	20.4
Shimla	12.2	12.5	19	21.4	26.4	24.4	23.5	22.7	23.1	20.9	18.4	15.5
Nahan	16.3	18.5	24.8	29.6	34.4	28.8	27.4	26.9	28.2	26	21.9	18
Solan	17.7	18	24.2	26.9	32.2	28.8	28.3	28.3	28	26.2	23.5	19.9
Una	18.9	22.1	30.2	34.6	40.4	36.1	34	33.1	33.9	30.9	26.4	22
Manali	8.8	9.1	17.6	20.7	25.9	25.5	25	23.4	23.5	21.1	15.8	15.2

Source: Meteorological Department Govt. of India.
Statistical Year Book of Himachal Pradesh 2013 -14

Table 3.4: Minimum Temperature at (2013)

(In Celsius)

Centers	J	F	M	A	M	J	J	A	S	O	N	D
Saloni	2	2.4	7.1	9.4	14	15	17	17	14	12	6.1	3.2
Dharamshala	6	7.2	12	14	20	21	21	21	20	18	10	6.8
Kalpa	-5	-5	0.7	3.5	8.3	12	15	14	9.6	6.4	0.9	-2
Bhuntar	0.8	4.3	7.3	10	13	19	21	20	17	13	4.3	1.2
Keylong	-10	-7	-4	1	6.1	11	14	14	9	6	-3	-6
Sundernagar	1.8	5.9	9.1	12	17	21	22	22	18	15	5.3	1.7
Shimla	2.8	3.8	9.1	12	17	17	17	17	15	12	7.6	4.8
Nahan	4.9	7.2	11	17	22	18	19	18	17	15	12	5.8
Solan	1.1	4.6	8.3	12	16	19	20	20	16	12	4.7	2
Una	4	7.9	11	15	20	24	24	24	21	17	7.8	3.9
Manali	-2	-1	3.4	5.5	9.3	14	16	15	12	8.5	1.6	-1

Source: Meteorological Department Govt. of India.
Statistical Year Book of Himachal Pradesh 2013 -14