

Climate

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Table 4.1: Monthly Rainfall (Actual) in Uttarakhand

(in mm)

Month	2009	2010	2011	2012	2013	2014
January	3.5	8.7	26.2	53.4	73.0	45.9
February	23.1	53.1	73.3	13.4	188.3	99.9
March	2.3	4.3	20.0	30.8	22.0	68.4
April	21.6	12.9	35.0	46.6	24.7	37.6
May	30.3	60.4	89.0	10.7	18.2	52.9
June	68.3	109.2	262.9	48.0	488.9	62.9
July	320.4	538.8	455.4	389.8	413.4	462.7
August	313.5	515.7	564.2	461.2	359.4	264.2
September	195.9	522.3	171.8	223.3	111.3	107.9
October	87.2	12.0	6.0	8.8	29.1	40.8
November	7.7	5.1	2.1	4.6	3.2	0.0
December	2.2	21.8	2.3	19.2	3.8	44.3

Source: Indian Meteorological Department, Govt. of India (Statistical Year Book, India 2016).
http://mospi.nic.in/Mospi_New/upload/SYB2016/index1.html (accessed on 14.03.2016)

Table 4.2: Annual Rainfall

Year	2002	2003	2004	2005	2006	2007	2008	2009	2010
Rainfall (mm)	1588.5	1903.7	1584.4	1469.3	1264.8	1894.4	1298.5	1076	1864.3

Source: Indian Meteorological Department, Govt. of India (Statistical Year Book, India 2016).
http://mospi.nic.in/Mospi_New/upload/SYB2016/index1.html (accessed on 14.03.2016)

Table 4.3: Monthly Rainfall (actual and normal) by Meteorological sub-divisions

(in mm)

Month	2010	2011	2012	2013	2014
January					
Actual	8.7	26.2	53.4	73	45.9
Normal	60.0	52.1	52.1	52.1	52.1
February					
Actual	53.1	73.3	13.4	188.3	99.9
Normal	55.8	54.1	54.1	54.1	54.1
March					
Actual	4.3	20	30.8	22	68.4
Normal	58.6	57.6	57.6	57.6	57.6
April					
Actual	12.9	35	46.6	24.7	37.6
Normal	35	33.3	33.3	33.3	33.3
May					
Actual	60.4	89	10.7	18.2	52.9
Normal	61.1	65.1	65.1	65.1	65.1
June					
Actual	109.2	262.9	48	488.9	62.9
Normal	163.1	167.8	167.8	167.8	167.8
July					
Actual	538.8	455.4	389.8	413.4	462.7
Normal	420.2	428.1	428.1	428.1	428.1
August					
Actual	515.7	564.2	461.2	359.4	264.2
Normal	419.2	426.3	426.3	426.3	426.3
September					
Actual	522.3	171.8	223.3	111.3	107.9
Normal	205.6	206.9	206.9	206.9	206.9
October					
Actual	12	6.0	8.8	29.1	40.8
Normal	55.8	58.6	58.6	58.6	58.6
November					
Actual	5.1	2.1	4.6	3.2	0.0
Normal	8.3	9.7	9.7	9.7	9.7
December					
Actual	21.8	2.3	19.2	3.8	44.3
Normal	21.8	21.3	21.3	21.3	21.3

Source: Indian Meteorological Department, Govt. of India (Statistical Year Book, India 2016).
http://mospi.nic.in/Mospi_New/upload/SYB2016/index1.html (accessed on 14.03.2016)