

Table 6.1: Average Monthly Temperature, (2011-2015)

(degrees celsius)

Month	2011			2012			2013			2014			2015			2016		
	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average
January	18.0	7.0	12.0	18.1	8.5	13.3	16.9	5.1	11.0	17.8	5.8	11.8	21.8	4.5	13.2	19	3	10.25
February	18.0	6.0	12.0	21.6	11.1	16.4	22.2	7.9	15.1	19.7	6.8	13.3	24.2	8.1	16.2	24	5	13.65
March	21.0	11.0	16.0	23.0	11.8	17.4	22.2	10.7	16.5	23	9.6	16.3	28.2	11.7	19.9	26	9	16.78
April	24.0	13.0	18.0	23.3	13.1	18.2	22.9	12.4	17.7	25.8	12.1	19.0	27.0	13.4	20.2	20	12	16.24
May	22.0	10.0	16.0	26.6	16.9	21.8	24.7	15.3	20.0	26.2	15.5	20.9	29.2	18.8	24.0	30	13	19.45
June	25.0	15.0	20.0	25.5	19.4	22.5	26.9	18.1	22.5	27.3	17.7	22.5	29.5	19.7	24.6	31	14	22.75
July	24.0	16.0	20.0	26.0	18.3	22.2	25.8	18.2	22.0	29.8	18.4	24.1	30.5	19.6	25.1	30	17	21.55
August	25.0	16.0	21.0	26.9	18.3	22.6	26.5	17.7	22.1	27.5	18	22.8	30.6	19.6	25.1	31	18	23.89
September	24.0	15.0	19.0	24.9	17.1	21.0	26.2	17.0	21.6	26.4	16.4	21.4	31.2	19.1	25.1	29.5	16	21.49
October	22.0	12.0	17.0	22.9	12.7	17.8	23.6	13.7	18.7	26.2	12.7	19.5	29.0	13.8	21.4	29	10.5	19.17
November	20.0	10.0	15.0	20.3	8.4	14.4	21.4	9.2	15.3	21.1	10.1	15.6	24.1	10.1	17.1	25	8.5	15.89
December	18.0	5.0	11.0	18.0	6.7	12.4	16.8	6.9	11.9	18.2	7.5	12.9	20.1	6.4	13.3	21	6	13.26

Source: Statistical Yearbook of Bhutan, NSB

Table 6.2: Average Monthly Rainfall by Station, (2011-2016)

Month	2011			2012			2013			2014			2015			2016		
	Mongar	Lingmet hnag	Yadi	Mongar	Lingmet hnag	Yadi	Mongar	Lingmeth nag	Yadi	Mongar	Lingmeth nag	Yadi	Mongar	Lingmeth nag	Sherichu	Mongar	Lingmethn ag	Sherichu
January	1.0	0	0	14.2	9.6	4.0	2.8	0.0	0	1.0	...	3.0	0.0	60.1	17.8	14	12.00	8.6
February	23.2	2.0	0	9.6	5.9	10.8	39.6	49.0	60	7.0	...	10.0	0.0	1.5	0.8	1.4	0.00	2.5
March	17.2	49.0	0	7.6	13.2	0	51.0	48.8	-	11.6	...	16.0	14.4	0.9	18.2	45.4	6.90	60
April	75.1	54.9	81.0	87.0	40.2	145.7	103.6	117.9	-	111.8	...	84.0	113.8	7.9	98.8	94.6	92.80	79
May	37.6	52.3	27.0	30.7		38.1	222.4	206	196	95.6	...	...	66.8	...	84.4	91.4	129.30	71
June	129.4	124.6	113.5	219.0	233.8	210.0	156.0	179.7	-	182.4	...	167.0	143.8	...	210.8	74.4	43.00	nan
July	147.0	165.2	101.0	210.3	158.0	237.0	108.6	86.3	-	68.4	...	75.0	182.6	...	100.4	333.8	242.70	189
August	161.4	93.6	172.2	154.6	155.3	115.0	224.8	133.4	-	211.6	...	140.8	229.6	...	208.8	66.2	18.00	34.40
September	93.0	97.4	0	328.7	155.8	121.0	174.8	117.6	-	213.6	...	172.0	111.9	...	78.2	89.4	144.10	69.00
October	0	0.7	0	9.2	21.4	13.0	95.0	51.5	-	4.6	...	2.0	4.4	...	20.3	173.8	172.20	75.80
November	7.2	6.6	0	0	0	0	3.2	4.6	-	0.0	...	0.0	7.4	...	0.0	0	0.00	0.00
December	3.4	7.2	0	0	1.6	0	3.6	0.2	-	0.0	...	0.0	0.0	...	0.0	2.8	0.00	0.00

Source: Statistical Yearbook, NSB

Table 6.3: Details of Protected Areas and Parks that falls within the Dzongkhag

Name of Area/Parks	Establishment year	Total Area (Sq.km)
Thrumshingla National Park	2008	905
Bumdeling Wildlife Sanctuary		1521
Biological Corridors		3307

Source: Bhutan RNR Statistics 2012, MoAF

Table 6.4: Details of Quantity of Timber supplied and Royalties realized, (2011-2016)

Year	Quantity of Timber Supplied (M3)	Royalty realized (Nu.Millions)
2011	23451	1.792
2012	21822	1.598
2013	21822	1.598
2014	131369	2.3
2015		
2016		

Source: Bhutan RNR Statistics 2012, MoAF

Table 6.5: Details of Community and Private Forest by number and area, (2013-2015)

Details	2013		2014		2015		2016	
	Number	Area (acre)	Number	Area (acre)	Number	Area (acre)	Number	Area (acre)
Community Forest Management Group members (hhs.)					27	14225.86		
Community Forest								
Pvt. Forest	132	33						
Pvt. Nursery								
Non-wood Forest Products Management Groups								

Source: Dzongkhag RNR Sector

Table 6.6: Land Area and Damages Caused by Types, (2011-2015)

Detials	2011	2012	2013	2014	2015	2015	2016
Damages caused by landslides ¹							
Farmland (acres)	...	...	...	
Houses (number)	...	...	...	
Roads (km)	...	...	...	
Damages caused by floods ¹							
Farmland (acres)	...	...	...	
Houses (number)	...	...	...	
Roads (km)	...	...	...	
Crops affected by drought (acres)	...	...	...	
Crops damaged by wild animals (acres)	...	...	...	
Incidence of forest fire	6	6	3	2			
Area damaged by forest fire	1696	3486	1,700	3,000			
Incidence of earthquake (number of cases reported) ¹	2	6	3	2	1		
Houses damaged by earthquakes (number)	...	3486	1700	3000	0		
Acreage of reforestation ²	20.5	...	45				
Houses/structures damaged by fires (number) ³	2	5	0	1	0		

Source: ¹ Dzongkhag Environment, ² Forest Sector & ³ Fire Division, Royal Bhutan Police