

**Table 6.1: Average Monthly Temperature, (2017-2021)****(degrees celsius)**

Month	2017			2018			2019			2020			2021		
	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average
January	17.9	6.3	12.1	16	6.2	11.1	17.5	5.8	11.7	14.6	5.4	10	15.4	7.1	11.3
February	18.9	8.5	13.7	17.5	8	12.75	16.9	7.4	12.1	17.2	7.2	12.2	19.6	8.2	13.9
March	19.6	9.3	14.45	21.2	10.8	16	20.2	9.4	14.8	20.6	10.4	15.5	21.3	11.2	16.2
April	22.9	13.3	18.1	23.7	13.3	18.5	22.9	13.5	18.2	21.6	12.3	17	25.7	13	19.3
May	25.7	15.7	20.7	24.1	15.2	19.65	23	15.9	19.5	23	15	19	24.1	15.9	20
June	26.3	18	22.15	26.8	18.2	22.5	26.8	18.1	22.5	24.5	18	21.3	25.6	18.5	22.1
July	26.8	18.6	22.7	27.5	19	23.25	24.7	18.4	21.5	23.5	18.7	21.1	25.5	18.7	22.1
August	26.1	18.8	22.45	27	18.7	22.85	28.3	19.1	23.7	26.9	19.3	23.1	24.6	18.8	21.7
September	25	18.4	21.7	24.6	17.8	21.2	24.3	17.7	21.0	24.4	18.4	21.4	27.1	18	22.6
October	24.1	14.9	19.5	23.1	12.6	17.85	22.4	14.2	18.3	24.4	15.9	20.1	24.3	15.5	19.9
November	20	10.1	15.05	20.5	9.8	15.15	20.4	12	16.2	20.2	10.3	15.2	19.6	10.1	14.8
December	18	8.9	13.45	16.8	6.7	11.75	15.5	6.3	10.9	16.1	7.6	11.9	16.6	7.2	11.9

Source: Statistical Yearbook of Bhutan, NSB

**Table 6.2: Average Monthly Rainfall by Station, (2017-2021)**

Month	2017	2018	2019	2020	2021
	Mongar	Mongar	Mongar	Mongar	Mongar
January	18.00	0.00	0.40	17.60	2.2
February	3.60	0.10	41.80	47.40	1.4
March	57.60	63.00	34.40	42.20	39.8
April	52.60	29.80	103.80	97.20	17.8
May	92.20	68.80	180.80	250.90	136.6
June	121.40	131.20	60.80	170.00	75.2
July	195.00	111.60	404.60	226.80	252.0
August	179.00	131.80	82.00	94.20	104.0
September	193.20	106.20	138.40	64.00	28.6
October	100.20	3.80	17.00	18.40	151.6
November	12.00	0.60	0.00	7.60	6.4
December	0.00	25.20	1.20	3.60	18.8

Source: Statistical Yearbook, NSB

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

<b>Name of Area/Parks</b>	<b>Establishment year</b>	<b>Total Area (Sq.km)</b>
Thrumshingla National Park	2008	905.05
Bumdeling Wildlife Sanctuary	1998	1520.61
Biological Corridors	...	3307

Source: Bhutan RNR Statistics 2017, MoAF

**Table 6.4: Details of Quantity of Timber supplied and Royalties realized, (2012-2021)**

<b>Year</b>	<b>Quantity of Timber Supplied (M3)</b>	<b>Royalty realized (Nu.Millions)</b>
2012	21822	1.598
2013	21822	1.598
2014	131369	2.3
2015	6,677.6	2.3
2016	8429.9	2.8
2017	19007	0.94

Source: Bhutan RNR Statistics 2017, MoAF

**Table 6.5: Details of Community and Private Forest by number and area, (2017-2021)**

Details	2017		2018		2019		2020		2
	Number	Area (acre)	Number	Area (acre)	Number	Area (acre)	Number	Area (acre)	Number
Community Forest Management Group members (hhs.)	1550	...	1611	...	1608	...	1746	...	1813
Community Forest	24	13888.40	25	14534.30	25	17,387.00	27	24929.7	28
Pvt. Forest	43	47.75	78	93.73	78	93.73	78	93.73	78
Pvt. Nursery	4	1.2	6	2.37	6	2.37	6	2.37	6
Non-wood Forest Products Management Groups	4	...	6	...	8	...	10	...	10

Source: Dzongkhag RNR Sector

<b>021</b>
<b>Area (acre)</b>
...
25959.7
93.73
2.37
...

**Table 6.6: Land Area and Damages Caused by Types, (2016-2021)**

Detials	2016	2017	2018	2019	2020	2021
<b>Damages caused by landslides 1</b>						
Farmland (acres)	3	8	9	...	...	...
Houses (number)	1	3	2	0	1	2
Roads (km)	...	...	...	...	...	...
<b>Damages caused by floods 1</b>						
Farmland (acres)	6.00	...	39.60	0	0	0
Houses (number)	...	2.0	...	0	0	0
Roads (km)	...	...	...	0	0	0
Crops affected by drought (acres)	...	60.4	61.4	0	0	0
Crops damaged by wild animals (acres)	8.0	...	...	0	0	0
Incidence of forest fire	10	8	4	0	1	3
Area damaged by forest fire (ha)	3876.37	2383	567	...	...	...
Incidence of earthquake (number of cases reported) 1	0	0	0	0	0	0
Houses damaged by earthquakes (number)	0	0	0	0	0	0
Acreage of reforestation 2	82.33	55.17	55.17	...	...	...
Houses/structures damaged by fires (number) 3	1	3	2	0	1	5

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