

**Table 6.1: Average Monthly Temperature, (2020-2024)**

Month	2020			2021			2022			2023			2024		
	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average
January	14.60	5.40	10.00	15.42	7.15	11.30	19.00	2.00	10.50	21.00	3.00	12.00	19.00	4.00	11.50
February	17.20	7.20	12.20	19.60	8.20	13.90	20.00	1.00	10.50	23.00	7.00	15.00	21.00	5.00	13.00
March	20.60	10.40	15.50	21.30	11.20	16.20	28.00	7.00	17.50	24.00	9.00	16.00	24.50	8.00	16.30
April	21.60	12.30	17.00	25.70	13.00	19.30	27.00	13.00	20.00	28.00	10.00	19.00	28.00	12.00	20.00
May	23.00	15.00	19.00	24.10	15.90	20.00	28.00	13.00	20.80	31.00	10.00	20.50	33.00	13.00	23.00
June	24.50	18.00	21.30	25.60	18.50	22.10	28.00	17.00	22.50	31.00	17.00	24.00	31.00	17.00	24.00
July	23.50	18.70	21.10	25.50	18.70	22.10	31.00	17.00	24.00	30.00	18.00	24.00	31.50	18.00	24.80
August	26.90	19.30	23.10	24.60	18.80	21.70	31.00	18.00	24.50	29.00	18.00	23.00	30.00	18.00	24.00
September	24.40	18.40	21.40	27.10	18.00	22.60	29.00	16.00	22.50	31.00	17.00	24.00	32.00	17.00	21.00
October	24.40	15.90	20.10	24.30	15.50	19.90	26.00	12.00	19.00	28.00	12.00	20.00	28.00	13.00	20.50
November	20.20	10.30	15.20	19.60	10.10	14.80	23.00	8.00	15.50	24.00	9.00	16.50	24.00	7.00	15.50
December	16.10	7.60	11.90	16.60	7.20	11.90	20.00	6.00	13.00	21.00	6.00	13.50	19.00	5.00	12.00

Source: Statistical Yearbook of Bhutan, NSB

**Table 6.2: Average Monthly Rainfall by Station, (2020-2024)**

Month	2020	2021	2022	2023	2024
	Mongar	Mongar	Mongar	Mongar	Mongar
January	17.60	2.20	2.00	0.00	9.00
February	47.40	1.40	63.80	5.60	9.20
March	42.20	39.80	1.80	61.60	84.60
April	97.20	17.80	62.00	56.90	16.20
May	250.90	136.60	68.50	26.10	99.40
June	170.00	75.20	167.20	167.20	107.60
July	226.80	252.00	133.20	87.90	153.60
August	94.20	104.00	50.80	176.00	148.80
September	64.00	28.60	94.60	42.20	120.80
October	18.40	151.60	122.60	63.00	113.60
November	7.60	6.40	0.00	0.00	1.20
December	3.60	18.80	2.40	8.80	0.00

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 -07- (Connecting PNP-BWS-WCNP)	2023	419.66

Source: Thrumshingla Park Manager

**Table 6.4: Details of Quantity of Timber supplied and Royalties realized, (2012-2024)**

<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
2018	...	...
2019	16080.81	0.466598
2020	12026.3	0.358868
2021	10180	0.886149
2022	333.9	.010799.8
2023	4416.93	0.170386.1
2024	18232.92	1.285122

Source: FIRMS

**Table 6.5: Details of Community and Private Forest by number and area, (2020-2024)**

Details	2020		2021		2022		2023		2024	
	Number	Area (acre)	Number	Area (acre)	Number	Area (acre)	Number	Area (acre)	Number	Area (acre)
Community Forest Management Group members (hhs.)	1746	...	1813	...	1813	27486.7863	1751	22532.35	1751	22532.35
Community Forest	27	24929.7	28	25959.7	28	27486.7863	28	22532.35	28	22532.35
Pvt. Forest	78	93.73	78	93.73	56	63.645	73	90.88	73	90.88
Pvt. Nursery	6	2.37	6	2.37	4	2.37	6	2.37	6	2.37
Non-wood Forest Products Management Groups	10	...	10	...	10	340	10	50621.91	10	50621.91

Source: FIRMS

**Table 6.6: Land Area and Damages Caused by Types, (2020-2024)**

Detials	2020	2021	2022	2023	2024
<b>Damages caused by landslides <sup>1</sup></b>					
Farmland (acres)	...	...	...	...	...
Houses (number)	1	2	0	...	...
Roads (km)	...	...	...	...	...
<b>Damages caused by floods <sup>1</sup></b>					
Farmland (acres)	0	0	0	...	...
Houses (number)	0	0	0	...	...
Roads (km)	0	0	0	...	...
Crops affected by drought (acres)	0	0	0	...	...
Crops damaged by wild animals (acres)	0	0	0	...	...
Incidence of forest fire	1	3	2	...	...
Area damaged by forest fire (ha)	...	...	200	...	...
Incidence of earthquake (number of cases reported) <sup>1</sup>	0	0	0	...	...
Houses damaged by earthquakes (number)	0	0	0	...	...
Acreage of reforestation <sup>2</sup>	...	...	...	...	...
Houses/structures damaged by fires (number) <sup>3</sup>	1	5	3	...	...

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