

Table 6.1: Average Monthly Temperature, (2018-2022)

(degrees celsius)

Month	2018			2019			2020			2021			2022		
	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average
January	16	6.2	11.1	17.5	5.8	11.7	14.6	5.4	10	15.4	7.1	11.3	19.0	2.0	10.5
February	17.5	8	12.75	16.9	7.4	12.1	17.2	7.2	12.2	19.6	8.2	13.9	20	1	10.5
March	21.2	10.8	16	20.2	9.4	14.8	20.6	10.4	15.5	21.3	11.2	16.2	28	7	17.5
April	23.7	13.3	18.5	22.9	13.5	18.2	21.6	12.3	17	25.7	13	19.3	27	13	20
May	24.1	15.2	19.65	23	15.9	19.5	23	15	19	24.1	15.9	20	28	13	20.8
June	26.8	18.2	22.5	26.8	18.1	22.5	24.5	18	21.3	25.6	18.5	22.1	28	17	22.5
July	27.5	19	23.25	24.7	18.4	21.5	23.5	18.7	21.1	25.5	18.7	22.1	31	17	24
August	27	18.7	22.85	28.3	19.1	23.7	26.9	19.3	23.1	24.6	18.8	21.7	31	18	24.5
September	24.6	17.8	21.2	24.3	17.7	21.0	24.4	18.4	21.4	27.1	18	22.6	29	16	22.5
October	23.1	12.6	17.85	22.4	14.2	18.3	24.4	15.9	20.1	24.3	15.5	19.9	26	12	19
November	20.5	9.8	15.15	20.4	12	16.2	20.2	10.3	15.2	19.6	10.1	14.8	23	8	15.5
December	16.8	6.7	11.75	15.5	6.3	10.9	16.1	7.6	11.9	16.6	7.2	11.9	20	6	13

Source: Statistical Yearbook of Bhutan, NSB

Table 6.2: Average Monthly Rainfall by Station, (2018-2022)

Month	2018	2019	2020	2021	2022
	Mongar	Mongar	Mongar	Mongar	Mongar
January	0.00	0.40	17.60	2.2	2.0
February	0.10	41.80	47.40	1.4	63.8
March	63.00	34.40	42.20	39.8	1.8
April	29.80	103.80	97.20	17.8	62.0
May	68.80	180.80	250.90	136.6	68.5
June	131.20	60.80	170.00	75.2	167.2
July	111.60	404.60	226.80	252.0	133.2
August	131.80	82.00	94.20	104.0	50.8
September	106.20	138.40	64.00	28.6	94.6
October	3.80	17.00	18.40	151.6	122.6
November	0.60	0.00	7.60	6.4	0.0
December	25.20	1.20	3.60	18.8	2.4

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	905.05
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, (2012-2022)

Year	Quantity of Timber Supplied (M3)	Royalty realized (Nu. Millions)
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		
2020		
2021		
2022	14217.15	1536205.93

Source: Bhutan RNR Statistics 2017, MoAF

Table 6.5: Details of Community and Private Forest by number and area, (2018-2022)

Details	2018		2019		2020		2021		2022	
	Number	Area (acre)	Number	Area (acre)	Number	Area (acre)	Number	Area (acre)	Number	Area (acre)
Community Forest Management Group members (hhs.)	1611	...	1608	...	1746	...	1813	...	1813	27486.78625
Community Forest	25	14534.30	25	17,387.00	27	24929.7	28	25959.7	28	27486.78625
Pvt. Forest	78	93.73	78	93.73	78	93.73	78	93.73	56	63.645
Pvt. Nursery	6	2.37	6	2.37	6	2.37	6	2.37	4	2.37
Non-wood Forest Products Management Groups	6	...	8	...	10	...	10	...	10	340

Source: Dzongkhag RNR Sector

Table 6.6: Land Area and Damages Caused by Types, (2018-2022)

Detials	2018	2019	2020	2021	2022
Damages caused by landslides 1					
Farmland (acres)	9	...	...	...	...
Houses (number)	2	0	1	2	0
Roads (km)	...	...	...	...	...
Damages caused by floods 1					
Farmland (acres)	39.60	0	0	0	0
Houses (number)	-	0	0	0	0
Roads (km)	...	0	0	0	0
Crops affected by drought (acres)	61.4	0	0	0	0
Crops damaged by wild animals (acres)	...	0	0	0	0
Incidence of forest fire	4	0	1	3	2
Area damaged by forest fire (ha)	567	...	...	...	200
Incidence of earthquake (number of cases reported) 1	0	0	0	0	0
Houses damaged by earthquakes (number)	0	0	0	0	0
Acreage of reforestation 2	55.17	...	...	...	...
Houses/structures damaged by fires (number) 3	2	0	1	5	3

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