

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

(degrees celsius)

Month	2020			2021			2022			2023			2024		
	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average
January	18.00	10.00	14.00	19.50	10.80	15.15	19.5	10.8	15.1	23	7.5	15.3	...	...	...
February	19.80	11.70	15.70	21.40	12.50	16.95	21.4	12.5	16.9	21.5	5	13.3	...	...	...
March	22.60	15.00	18.80	23.80	15.60	19.70	23.8	15.6	19.7	29	11	20	...	...	...
April	24.70	16.10	20.40	26.50	17.50	22.00	26.5	17.5	22	26	13.5	19.8	...	...	...
May	24.90	18.00	21.40	25.50	19.30	22.40	25.5	19.3	22.4	29	16	22.5	...	...	...
June	25.90	20.40	23.20	26.00	20.90	23.45	26	20.9	23.5	29	17.5	23.3	...	...	...
July	25.10	20.20	22.70	26.20	21.30	23.75	26.2	21.3	23.7	32	18	25	...	...	...
August	25.60	21.60	24.30	26.00	21.30	23.65	26	21.3	23.7	31.5	20	25.8	...	...	...
September	27.00	20.60	23.10	28.90	21.00	24.95	28.9	21	24.9	31	19	25	...	...	...
October	26.80	18.80	22.80	27.50	19.00	23.25	27.5	19	23.3	31	14	22.5	...	...	...
November	24.90	14.10	19.50	25.30	14.50	19.90	25.3	14.5	19.9	28	12	20	...	...	...
December	21.30	11.30	16.30	22.90	12.40	17.65	22.9	12.4	17.7	26	9	17.5	...	...	...

Source: Statistical Yearbook of Bhutan, NSB

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

Month	2020	2021	2022	2023	2024
	Deothang	Deothang	Deothang	Deothang	Deothang
January	23.80	51.00	51	43.9	...
February	46.90	32.20	32.2	82.5	...
March	55.10	49.10	49.1	57	...
April	193.20	25.10	25.1	592.6	...
May	572.10	429.20	429.2	563.9	...
June	991.00	880.20	880.2	1828.2	...
July	1656.10	339.20	339.2	753.2	...
August	470.60	667.90	667.9	234.6	...
September	727.00	189.40	189.4	406.7	...
October	88.80	119.20	119.2	376.7	...
November	0.00	0.20	0.2	1	...
December	0.00	0.80	0.8	3.4	...

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)
Jomotshangkha Wildlife Sanctuary(JWS)	1993	334.73
Biological corridor No.5 connecting Royal Manas National Parks and JWS	1999	153.73
Biological corridor No.5 connecting Sakteng Wildlife Sanctuary and JWS	1999	114.66

Table 6.4: Details of Quantity of Timber supplied and Royalties realized, (2020-2024)

Year	Quantity of Timber Supplied (M3)	Royalty realized (Nu.Millions)
2020	973.11	0.062
2021	2173.471	0.261
2022	1047.59	0.136748
2023	...	...
2024	...	...

Source: Bhutan RNR Statistics, MoAF

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.)	912	9497.02	912	7185.70	722	-	912			
Community Forest	19	9497.02	19	7185.70	19	7359.6	19	9501.02		
Pvt. Forest	26	77.8	27	54.33	30	84.59	32			
Pvt. Nursery	N.A	N.A	N.A	N.A	nil	...	0			
Non-wood Forest Products Management Groups	8	N.A	8	N.A	8	15818.6	8			

source: Forest dept.

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

Detials	2020	2021	2022	2023	2024
Damages caused by landslides ¹					
Farmland (acres)	5.00	N.A	13.788	2.6	...
Houses (number)	0.00	N.A	19	3	...
Roads (km)	0.00	N.A	9km	3KM	...
Damages caused by floods ¹					
Farmland (acres)	0.00	N.A	0	0	...
Houses (number)	0.00	N.A	0	0	...
Roads (km)	8.00	N.A	0	0	...
Crops affected by drought (acres)	50.00	N.A	0	0	...
Crops damaged by wild animals (acres)	19.00	N.A	3.2	1	...
Incidence of forest fire	0.00	3.00	0	0	...
Area damaged by forest fire	0.00	109.00	0	0	...
Incidence of earthquake (number of cases reported) ¹	0.00	0.00	0	0	...
Houses damaged by earthquakes (number)	0.00	0.00	0	0	...
Acreage of reforestation ²	0.00	N.A	0	0	...
Houses/structures damaged by fires (number) ³	0.00	N.A	0	2	...

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