

Distribution of Districts within Physiographic Zones (Total No. of District:593)

11. Western Ghats: (No. of Districts: 5-complete, 30-partial)	Area: 72,381 km²
1. Dadra & Nagar Haveli	Dadra & Nagar Haveli.
2. Gujarat	Navsari*, Surat*, The Dangs, Valsad*.
3. Karnataka	Chikmangalur*, Dakshina kannada*, Kodagu*, Shimoga*, Udupi*, Uttar Kannad*.
4. Kerala	Ernakulam*, Idukki, Kasaragod*, Kollam*, Kottayam*, Palakkad*, Pathanmitta*, Wayanad.
5. Maharashtra	Dhule*, Kolhapur*, Nandurbar*, Nashik*, Pune*, Raigarh*, Ratnagiri*, Sangli*, Satara*, Sindhudurg*, Thane*.
6. Tamilnadu	Coimbatore*, Kanniyakumari*, The Nilgiris, Tiruneiveli*, Theni*.
12. Eastern Ghats: (No. of Districts: 12-complete, 28-partial)	Area: 191,698 km²
1. Andhra Pradesh	Anantapur*,Chittoor, Cuddapah, East Godawari*, Guntur*, Krishna*, Kurnul*, Nellore*, Prakasham*, Srikakulam*, Visakhapatnam*, Vizianagaram*, West Godawari*.
2. Orissa	Baudh, Gajpati, Ganjam*, Kalahandi*, Kandhamal, Kordha*, Koraput*, Malkangiri, Nayagarh, Rayagada.
3. Karnataka	Chamrajnagar*, Kolar*,
4. Tamilnadu	Coimbatore*, Dharmapuri, Dindigul, Erode, Karur*, Madurai*, Tiruchirapalli*, Tiruvanamalai*, Namakkal, Salem*, Theni*, Vellore*.
5. Telangana	Khammam*, Mahaboobnagar*, Nalgonda*

14. East Coast: (No. of Districts: 24-complete, 23-partial)**Area: 167,494 km²**

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| 1. | Andaman & Nicobar Islands | Andamans, Nicobars. |
| 2. | Andhra Pradesh | East Godavari*, Guntur*, Krishna*, Nellore*, Prakasam*, Srikakulam*, Visakhapatnam*, Vizianagaram*, West Godavari*. |
| 3. | Orissa | Balasore*, Bhadrak, Cuttack*, Ganjam*, Jagatsinghapur, Jajapur*, Kendrapara, Khordha*, Mayurbhanj*, Puri. |
| 4. | Pondicherry | Karaikal, Pondicherry, Yanam. |
| 5. | Tamil Nadu | Ariyalur, Chennai, Cluddalore, Kancheepuram, Kanyakumari*, Karur*, Madurai*, Nagapattinam, Perambalur, Pudukkottai, Ramanathapuram, Sivaganga, Salem*, Thanjavur, Thiruvallur, Thiruvarur, Tiruchirappalli*, Tirunelveli*, Tiruvanamalai*, Toothu-Kudi, Viluppuram, Virudhunagar, Vellore*. |
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Volume Equations

Volume equations to compute volume of wood in predominant trees in each physiographic zone are provided in the following Tables:

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Western Ghats

Sl. No.	Species Name	Volume Equation
1	<i>Careya arborea</i>	$\sqrt{V}=0.23738+2.33289D+0.48512\sqrt{D}$
2	<i>Dillenia pentagyna</i>	$\sqrt{V}=0.31202+4.75915D-1.8394\sqrt{D}$
3	<i>Lagerstroemia lanceolata</i>	$V=-0.06183+0.411348D+1.84813D^2+12.43582D^3-4.26661D^4$
4	<i>Olea dioica</i>	$V=-0.03001+5.75523D^2$
5	<i>Schleichera trijuga</i>	$V=0.01-0.912D+11.396D^2$
6	<i>Syzygium cumini</i>	$\sqrt{V}=0.30706+5.12731D-2.0987\sqrt{D}$
7	<i>Tectona grandis</i>	$V=0.00558-0.51228D+6.46037D^2+1.46738D^3$
8	<i>Terminalia crenulata</i>	$\sqrt{V}=-0.203947+3.159215D$
9	<i>Terminalia paniculata</i>	$V=0.131-1.87132D+9.47861D^2$
10	<i>Xylocarpus xylocarpa</i>	$\sqrt{V}=0.01631+2.20921D$

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Eastern Ghats

Sl. No.	Species Name	Volume Equation
1	<i>Albizia amara</i>	$\sqrt{V} = -0.07109 + 2.99732D - 0.26953\sqrt{D}$
2	<i>Anogeissus latifolia</i>	$V = 0.034725 - 0.78412D + 7.1873D^2 + 6.9495D^3$
3	<i>Boswellia serrata</i>	$V = 0.36432 - 1.32768\sqrt{D} + 9.48471D^2$
4	<i>Hardwickia binata</i>	$V = -0.02219 + 0.12491D + 1.91214D^2$
5	<i>Lannea coromandelica</i>	$V = 0.057424 - 1.153088D + 8.542648D^2$
6	<i>Pterocarpus marsupium</i>	$V = 0.058424 - 1.233468D + 9.433633D^2$
7	<i>Shorea robusta</i>	$\sqrt{V} = 0.19994 + 4.57179D - 1.56823\sqrt{D}$
8	<i>Tectona grandis</i>	$V = 0.12591 - 2.45212D + 16.52336D^2 - 7.57135D^3$
9	<i>Terminalia crenulata</i>	$V = 0.05061 - 1.11994D + 8.77839D^2$
10	<i>Xylocarpus xylocarpa</i>	$V = 0.098 - 1.52D + 8.963D^2$

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East Coast

Sl. No.	Species Name	Volume Equation
1	<i>Albizia amara</i>	$\sqrt{V} = -0.07109 + 2.99732D - 0.26953\sqrt{D}$
2	<i>Anogeissus latifolia</i>	$V = 0.045731 - 1.020606D + 9.656667D^2$
3	<i>Cleistanthus collinus</i>	$V = 0.030925 - 0.567037D + 5.709471D^2$
4	<i>Dalbergia paniculata</i>	$V = 0.265 - 3.135D + 12.771D^2$
5	<i>Diospyros peregrina</i>	$\sqrt{V} = 0.92625 + 7.86461D - 4.67222\sqrt{D}$
6	<i>Eucalyptus species</i>	$V = 0.02894 - 0.89284D + 8.72416D^2$
7	<i>Lannea coromandelica</i>	$V = 0.057424 - 1.153088D + 8.542648D^2$
8	<i>Syzygium mentanum</i>	$\log_e V = 2.132776 + 2.479397 \log_e D$
9	<i>Terminalia crenulata</i>	$V = 0.05061 - 1.11994D + 8.77839D^2$
10	<i>Xylocarpus xylocarpa</i>	$V = 0.098 - 1.52D + 8.963D^2$