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

11.	**Western Ghats: (No. of Districts: 5-complete, 30-partial)**	**Area: 72,381 km^2**
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 km^2**
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 km^2
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, Thiruvalllur, Thiruvarur, Tiruchirappalli*, Tirunelveli*, Tiruvanamalai*, Toothu-Kudi, Viluppuram, Virudhunagar, Vellore*.

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	*Careya arborea*	$\sqrt{V}=0.23738+2.33289D+0.48512\sqrt{D}$
2	*Dillenia pentagyna*	$\sqrt{V}=0.31202+4.75915D-1.8394\sqrt{D}$
3	*Lagerstroemia lanceolata*	$V=-0.06183+0.411348D+1.84813D^2+12.43582D^3-4.26661D^4$
4	*Olea dioica*	$V=-0.03001+5.75523D^2$
5	*Schleichera trijuga*	$V=0.01-0.912D+11.396D^2$
6	*Syzygium cumini*	$\sqrt{V}=0.30706+5.12731D-2.0987\sqrt{D}$
7	*Tectona grandis*	$V=0.00558-0.51228D+6.46037D^2+1.46738D^3$
8	*Terminalia crenulata*	$\sqrt{V}=-0.203947+3.159215D$
9	*Terminalia paniculata*	$V=0.131-1.87132D+9.47861D^2$
10	*Xylia xylocarpa*	$\sqrt{V}=0.01631+2.20921D$

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Eastern Ghats

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

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East Coast

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