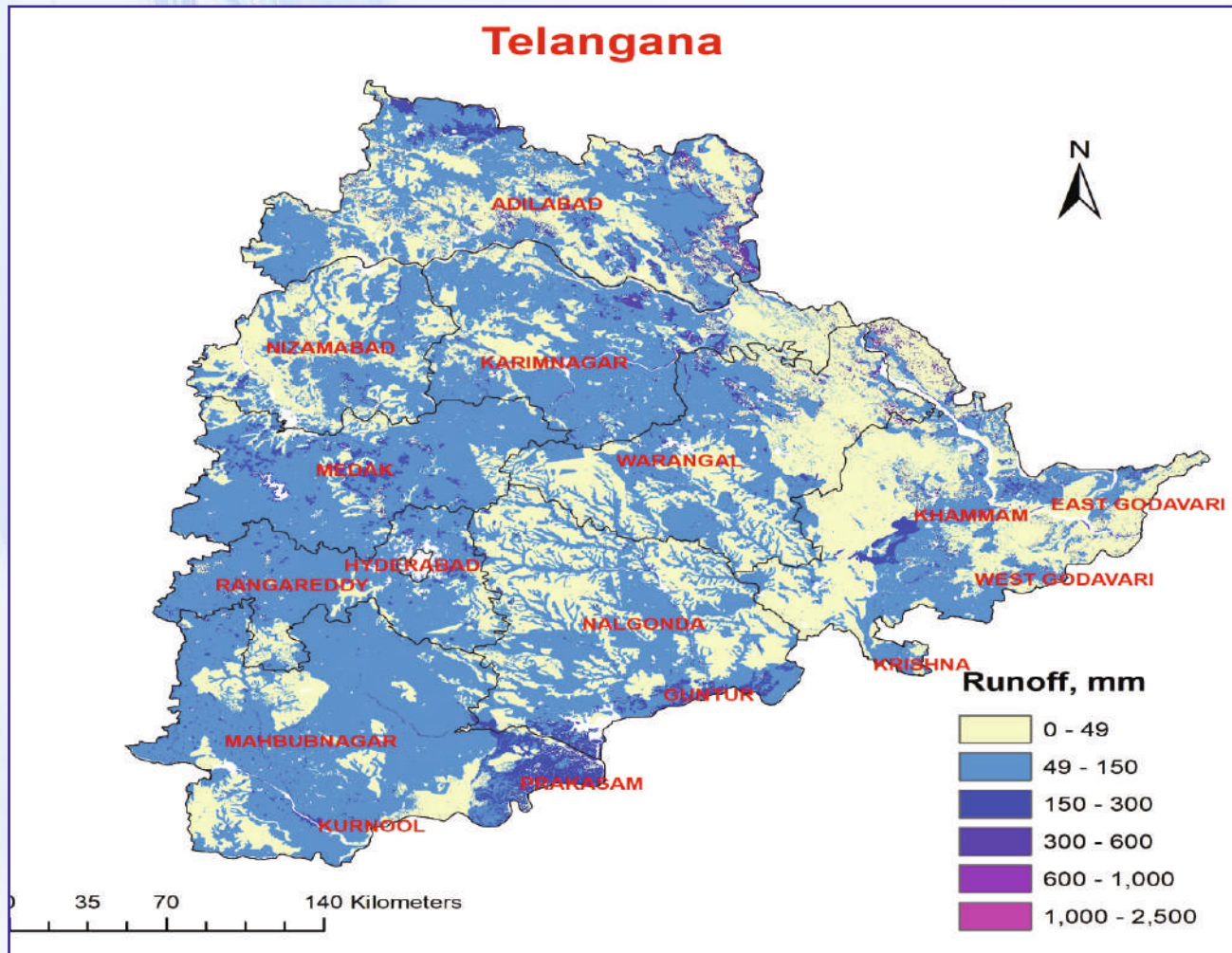


RAINWATER HARVESTING POTENTIAL OF TELANGANA



Annual Rainfall (mm)	Area (M ha)	Harvestable Runoff	
		MCM	M ha-m
512 - 612	4.06	1439.31	0.14
612 - 721	2.13	819.85	0.08
721 - 827	1.74	732.91	0.07
827 - 937	2.16	976.77	0.10
937 - 1102	0.90	412.42	0.04
Total		4381.25	0.44
Available water for irrigation & ground water recharge			
Available water for protective irrigation of (MCM)		1314	
Area that can be irrigated with two irrigation (M ha)		0.88	
Available water for ground water recharge (MCM)		3067	

State profile

S. N.	Particular	Units	Value	Source	
1. Demographic Characteristics					
1.1	Geographical area (GA)	Mha	11.21	DES (2019)	
1.2	District	No	33	GoTL (2022)	
1.3	Gram panchayat	No	12769		
1.4	Villages	No	20268		
1.5	Total population	M	35.00		
1.5.1	Male	Female	M		17.61
1.6	Livestock population	M	32.63	DAHD (2018)	
2. Land Use Statistics					
2.1	Forest area	Mha	2.70	DES (2019)	
2.2	Area under non-agri-cultural uses	Mha	0.84		
2.3	Barren & unculturable land	Mha	0.61		
2.4	Permanent pastures & grazing lands	Mha	0.30		
2.5	Culturable wasteland	Mha	0.18		
2.6	Land under misc. tree crops	Mha	0.11		
2.7	Fallow land other than current	Mha	0.75		
2.8	Current fallow	Mha	1.06		
3. Agricultural Indicators					
3.1	GAV of agriculture and allied sector at current prices	Rs in Lakh	18439162	DES (2020)	
3.2	Total operational holdings	000'	5948	DES (2020)	
3.2.1	Marginal (< 1 ha)	Small (1.0-2.0 ha)	Semi- Medium (2.0-4.0 ha)	Medium (4.0-10.0 ha)	Large (10.0 ha and >)
	3840	1409	564	126	9
3.3	Net sown area (NSA)	Mha	4.66	DES (2019)	
3.4	Gross cropped area	Mha	5.77		
3.5	Cropping intensity	%	123.90		
3.6	Rainfed area	Mha	2.45 (53% of NSA)		
3.7	Horticultural crops	Mha	0.45		DES (2020)
4. Water Resources					
4.1	Net irrigated area (NIA)	Mha	2.21	DES (2019)	
4.2	Gross irrigated area	Mha	3.13	DES (2019)	
4.2.1	Canal	Tanks	Tube-wells		Other wells
	0.43	0.24	1.05	0.40	0.10
4.3	Intensity of irrigation	%	141.63	CGWB (2020)	
4.4	Annual extractable groundwater	BCM	12.37		
4.4.1	Irrigation use (BCM)		Industry use (BCM)	Domestic use (BCM)	
	7.09		-	1.00	
4.5	Stage of groundwater extraction	%	65.45	CGWB (2020)	
4.6	Area under micro-irrigation	Mha	0.37 (16.7 % of NIA)	DES (2020)	
4.7	Assessment units for groundwater status	No	584	CGWB (2020)	
4.7.1	Safe 278 (48%)	Semi-critical 169 (29%)	Critical 67 (11%)	Over-exploited 70 (12 %)	Saline 0 (0%)
4.8	Annual rainfall (Range)	mm	905 (614-1212)	Web source	
5. Watershed Development (MoRD, DoLR, 2021)					
5.1	Treatable area[@] (Mha)		Treated area (Mha)	To be treated area (Mha)	
	8.66		3.45	5.21	

[@] Area to be treated with watersheds