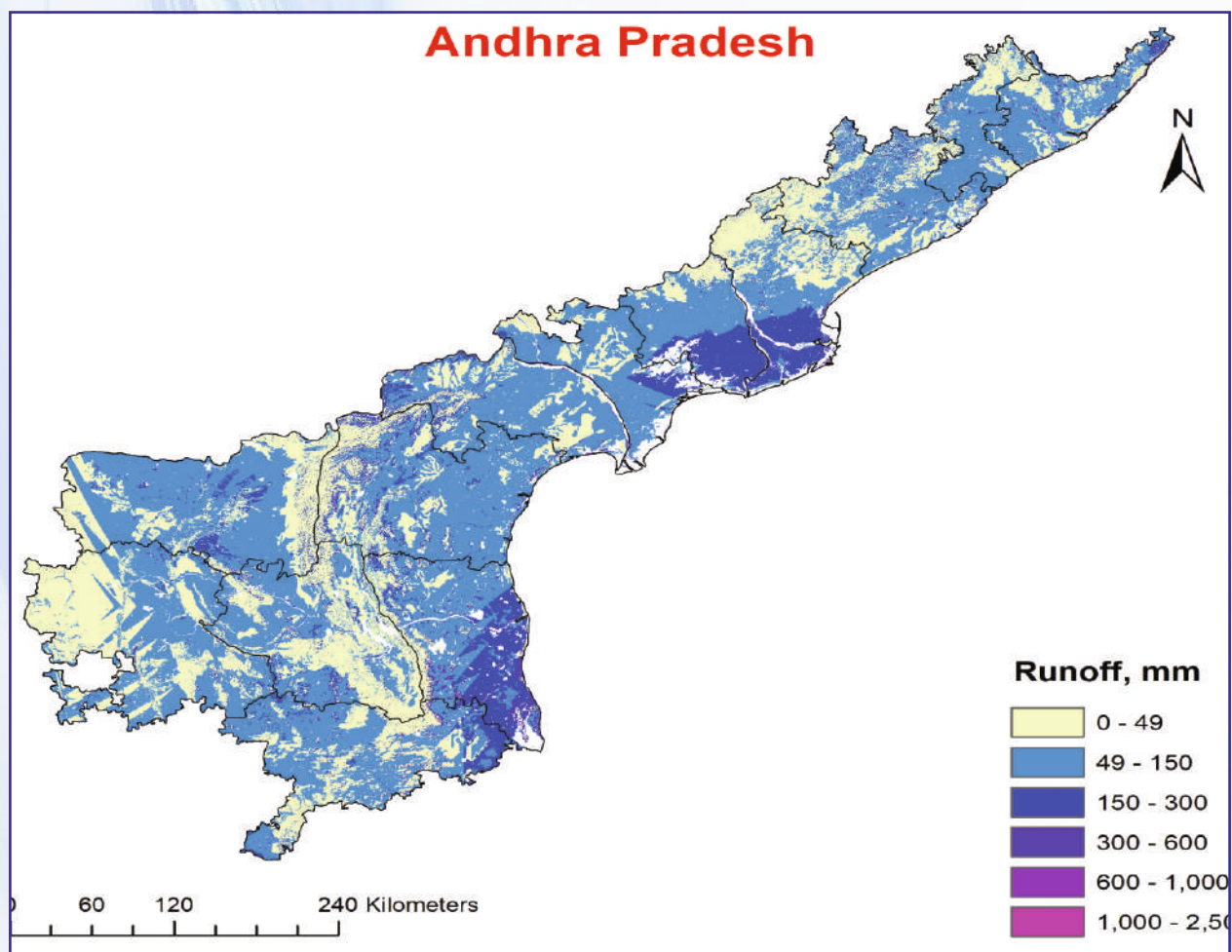


RAINWATER HARVESTING POTENTIAL OF ANDHRA PRADESH



Annual Rainfall (mm)	Area (M ha)	Harvestable Runoff	
		MCM	M ha-m
401 - 547	2.36	706.73	0.07
547 - 665	3.28	1461.80	0.15
665 - 775	2.94	1534.62	0.15
775 - 866	3.45	1724.81	0.17
866 - 1042	3.11	1843.41	0.18
Total		7271.36	0.73
Available water for irrigation & ground water recharge			
Available water for protective irrigation of (MCM)		2181	
Area that can be irrigated with two irrigation (M ha)		1.45	
Available water for ground water recharge (MCM)		5090	

State profile

S. N.	Particular		Units	Value		Source
1. Demographic Characteristics						
1.1	Geographical area (GA)		Mha	16.29		DES (2019)
1.2	District		No	13		DES-GoAP (2020)
1.3	Gram panchayat		No	13385		
1.4	Villages		No	17464		
1.5	Total population		M	49.58		
1.5.1	Male	Female	M	24.83	24.74	
1.6	Livestock population		M	34		DAHD (2018)
2. Land Use Statistics						
2.1	Forest area		Mha	3.69 (22.7% of GA)		DES (2019)
2.2	Area under non-agri-cultural uses		Mha	2.05		
2.3	Barren & unculturable land		Mha	1.34		
2.4	Permanent pastures & grazing lands		Mha	0.20		
2.5	Culturable wasteland		Mha	0.41		
2.6	Land under misc. tree crops		Mha	0.16		
2.7	Fallow land other than current		Mha	0.93		
2.8	Current fallow		Mha	1.45		
3. Agricultural Indicators						
3.1	GAV of agriculture and allied sector at current prices		Rs in Lakh	30940127		DES (2020)
3.2	Total operational holdings		000'	8523.91		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 >)	DES (2019)
	5904.04	1646.25	769.84	189.03	14.75	
3.3	Net sown area (NSA)		Mha	6.04		DES (2019)
3.4	Gross cropped area		Mha	7.29		
3.5	Cropping intensity		%	121		
3.6	Rainfed area		Mha	3.25 (53.8% of NSA)		
3.7	Horticultural crops		Mha	1.52		DES (2020)
4. Water Resources						
4.1	Net irrigated area (NIA)		Mha	2.79		DES (2019)
4.2	Gross irrigated area		Mha	3.63		DES (2019)
4.2.1	Canal 1.30	Tanks 0.23	Tube-wells 1.10	Other wells 0.04	Other sources 0.11	
4.3	Intensity of irrigation		%	130		CGWB (2020)
4.4	Annual extractable groundwater		BCM	20.15		
4.4.1	Irrigation use (BCM) 7.85			Industry use (BCM) 0.14	Domestic use (BCM) 0.90	CGWB (2020)
4.5	Stage of groundwater extraction		%	44.15		
4.6	Area under micro-irrigation		Mha	1.90 (68.1 % of NIA)		DES (2020)
4.7	Assessment units for groundwater status		No	670		CGWB (2020)
4.7.1	Safe 501 (75%)	Semi-critical 60 (8%)	Critical 24 (4%)	Over-exploited 45 (7%)	Saline 40 (6%)	DES-GoAP (2020)
4.8	Annual rainfall (Range)		mm	966 (552-1217)		
5. Watershed Development (MoRD, DoLR, 2021)						
5.1	Treatable area[@] (Mha)			Treated area (Mha)	To be treated area (Mha)	DES (2020)
	6.37			3.44	2.93	
[@] Area to be treated with watersheds						