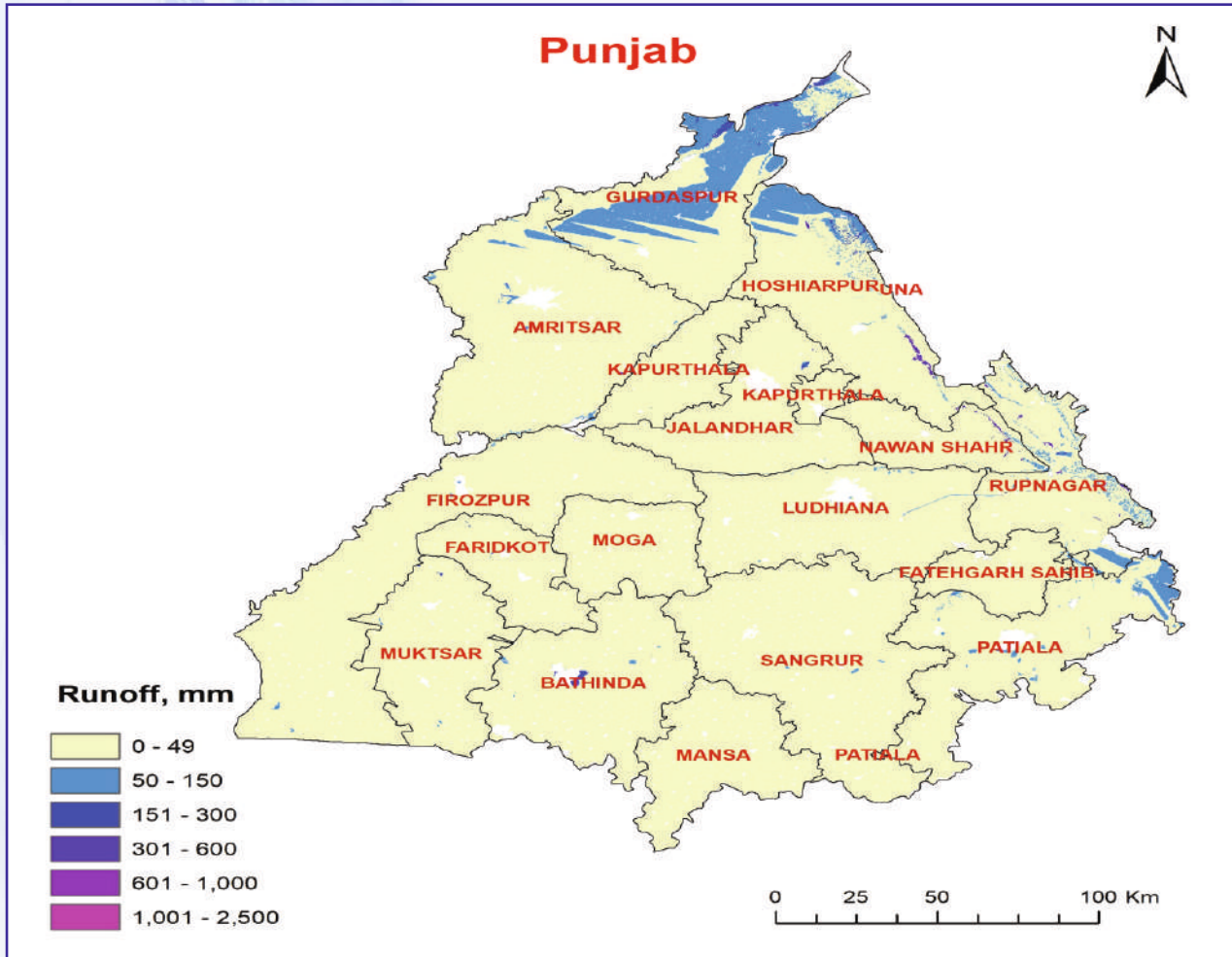


RAINWATER HARVESTING POTENTIAL OF PUNJAB



Annual Rainfall (mm)	Area (M ha)	Harvestable Runoff	
		MCM	M ha-m
193-330	1.30	86.01	0.01
330-457	1.34	143.54	0.01
457-591	1.13	181.78	0.02
591-759	0.82	141.72	0.01
759-1169	0.21	58.42	0.01
Total		611.47	0.06
Available water for irrigation & ground water recharge			
Available water for protective irrigation of (MCM)		183	
Area that can be irrigated with two irrigation (M ha)		0.12	
Available water for ground water recharge (MCM)		428	

State profile

S. N.	Particular		Units	Value		Source
1. Demographic Characteristics						
1.1	Geographical area (GA)		Mha	5.04		DES (2019)
1.2	District		No	23		LGD, 2022
1.3	Gram panchayat		No	13241		
1.4	Villages		No	12581		
1.5	Total population		M	27.74		
1.5.1	Male	Female	M	14.63	13.07	
1.6	Livestock population		M	6.99		DAHD (2018)
2. Land Use Statistics						
2.1	Forest area		Mha	0.25		DES (2019)
2.2	Area under non-agri-cultural uses		Mha	0.51		
2.3	Barren & unculturable land		Mha	0.041		
2.4	Permanent pastures & grazing lands		Mha	0.004		
2.5	Culturable wasteland		Mha	0.012		
2.6	Land under misc. tree crops		Mha	0.011		
2.7	Fallow land other than current		Mha	0.006		
2.8	Current fallow		Mha	0.086		
3. Agricultural Indicators						
3.1	GAV of agriculture and allied sector at current prices		Rs in Lakh	15174920		DES (2020)
3.2	Total operational holdings		000'	1092		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 >)	
	154	207	368	305	58	
3.3	Net sown area (NSA)		Mha	4.12		DES (2019)
3.4	Gross cropped area		Mha	7.86		
3.5	Cropping intensity		%	190.6		
3.6	Rainfed area		Mha	0.008 (0.19% of NSA)		
3.7	Horticultural crops		Mha	0.41		DES (2020)
4. Water Resources						
4.1	Net irrigated area (NIA)		Mha	4.11		DES (2019)
4.2	Gross irrigated area		Mha	7.74		DES (2019)
4.2.1	Canal	Tanks	Tube-wells	Other wells	Other sources	
	1167	0	2944	0	0	
4.3	Intensity of irrigation		%	188		
4.4	Annual extractable groundwater		BCM	21.58		CGWB (2020)
4.4.1	Irrigation use (BCM)			Industry use (BCM)		Domestic use (BCM)
	34.56			0.20		1.01
4.5	Stage of groundwater extraction		%	165.77		CGWB (2020)
4.6	Area under micro-irrigation		Mha	0.05 (1.22% of NIA)		DES (2020)
4.7	Assessment units for groundwater status		No	138		CGWB (2020)
4.7.1	Safe	Semi-critical	Critical	Over-exploited		Saline
	22 (16%)	5 (4%)	2 (1%)	109 (79%)		0 (0%)
4.8	Annual rainfall (Range)		mm	592 (501-1000)		Data.gov.in, 2022
5. Watershed Development (MoRD, DoLR, 2021)						
5.1	Treatable area[@] (Mha)		Treated area (Mha)		To be treated area (Mha)	
	0.78		0.48		0.29	

[@] Area to be treated with watersheds