

IRRIGATION BY DIFFERENT SOURCES

DISTRICT : JAIPUR

Jaipur district having total geographical area 10878 sq.km. The area under irrigation is 3837.69 sq.km. which is about 35.27 per cent of the total area of the district. The important river basin of the district are Mashi, Mendha, Morel, Banganga and Sabi. Some of the important water bodies available in the district are Ramgarh, Chaparwara, Kalakh, Hingonia, Buchara and Mansagar.

These exists four medium irrigation projects and several minor irrigation projects in the district. These are namely :

I. Medium Irrigation Projects :

- (i) Ramgarh (Jamwa Ramgarh), Capacity - 12160 CCA in ha.
- (ii) Chaparwara (Dudu), Capacity - 10770 CCA in ha.
- (iii) Buchara (Kotputli), Capacity - 2840 CCA in ha.
- (iv) Kalakh (Dudu), Capacity - 7920 CCA in ha.

II. Minor Irrigation Projects :

- (1) 5 in Amber, (2) 3 in Phulera, (3) 23 in Dudu, (4) 7 in Bassi, (5) 8 in Jamwa Ramgarh, (6) 4 in Sanganer, (7) 22 in Phagi, (8) 10 in Chaksu, (9) 11 in Viratnagar, (10) 2 in Shahpura, (11) 1 in Kotputli.

Main source of irrigation in the district is wells. Out of total irrigated area 95 per cent area is irrigated by wells, 4 per cent by canals and 1 per cent by ponds and tanks respectively.

Tehsil wise Irrigated area by different sources

Year 1995-96
Area in hectares

S. No.	Name of the Tehsils	Total Irrigated Area	per cent Irrigated Area				
			Tube wells	Wells	Ponds/Tanks	Canals	Others
1.	Amber	43430	0.70	98.85	—	0.45	—
2.	Bairath (Viratnagar)	12883	—	100.00	—	—	—
3.	Bassi	26334	—	99.50	—	0.50	—
4.	Chaksu	20496	—	95.21	—	4.79	—
5.	Chomu	49968	—	99.73	0.27	—	—
6.	Dudu	23117	0.25	63.10	6.31	30.24	0.10
7.	Jaipur	24792	—	99.46	—	0.54	—
8.	Jamwa Ramgarh	25929	—	90.98	0.24	8.78	—
9.	Kotputli	31180	—	100.00	—	—	—
10.	Phagi	23524	0.26	84.08	—	15.66	—
11.	Phulera	55314	—	97.92	1.18	0.9	—
12.	Sambhar	26708	Neg.	98.92	—	1.06	—
13.	Shahpura	20094	—	100.00	—	—	—

Tehsil wise net and gross Irrigated area

Year 1995-96
Area in hectares

S. No.	Tehsil		Net Irrigated Area		Gross Irrigated Area	
	Name	Area	Area	% of Total Area	Area	% of Total Area
1.	Amber	84439	36043	42.68	43430	51.43
2.	Bairath (Viratnagar)	47492	10702	22.53	12883	27.13
3.	Bassi	64590	24918	38.58	26334	40.77
4.	Chaksu	787007	20304	26.03	20496	26.27
5.	Chomu	68855	39399	57.22	49968	72.57
6.	Dudu	133675	20576	15.39	23117	17.29
7.	Jaipur	58538	20998	35.87	24792	42.35
8.	Jamwa Ramgarh	101153	22945	22.68	25929	26.63
9.	Kotputli	83460	29383	35.21	31180	37.36
10.	Phagi	111330	24637	22.13	23524	21.13
11.	Phulera	145689	51504	35.35	55314	37.97
12.	Sambhar	62930	23192	36.85	26708	42.44
13.	Shahpura	47630	15393	32.31	20094	42.19

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Scale 0 5 10 15 20 km.

