

Level of irrigation & ground water

Although the percentage area irrigated in the state is about 97% but in Hoshiarpur still this percentage is 75 % based on gross and net sown areas. There is lack of irrigation facilities in Kandi area of district. The reasons are undulating area, deep ground water and resource poor farmers.

Table-16: Gross Cropped Area to Gross Irrigated Area in the District (000 Ha)

Year	Gross Cropped Area	Gross Irrigated Area	% Irrigated to Cropped
2003-04	359	269	75
2004-05	358	268	75
2005-06	352	264	75
2006-07	354	265	75
2007-08	358	267	75

Table-17: Net Irrigated Area (000 Ha) in the District

Year	Net Cropped Area	Net Irrigated	% Net Irrigated to Net Area Sown
2003-04	201	151	75
2004-05	200	150	75
2005-06	200	151	75
2006-07	199	150	75
2007-08	199	150	75

Ground water development

Out of total ten blocks, two are over exploited, two are semi – critical and six blocks are safe based on ground water exploitation. The safe blocks are only those falling in kandi area where ground water is deep and terrain is undulating. Tanda block is highly over-exploited.

Table-18: Stage of Ground Water Development of District Hoshiarpur As On 31-03-2004

Block	Geographical Area (ha)	Net Annual Ground Water Availability (ham)	Gross Ground Water draft for all uses (ham)	Stage of ground Water Development %age	Block Category
Hoshiarpur 1	31120	8802	9602	109	OVER-EXPLOITED
Hoshiarpur 2	46260	9310	6465	69	SAFE
Bhunga	54910	11133	6240	56	SAFE
Dasuya	37450	13295	11786	89	SAFE
Tanda	23370	10466	19757	189	OVER-EXPLOITED
Mukerian	25600	18941	9758	52	SAFE
Hajipur	12590	4262	3822	90	SEMI-CRITICAL
Talwara	22640	1386	624	45	SAFE
Mahilpur	37990	6256	4376	70	SAFE
Garhshankar	41210	7967	5698	72	SEMI-CRITICAL

In Talwara and Hajipur blocks, lift irrigation schemes are being operated for

irrigation. Perennial flow is also being used for irrigation purpose. Water harvesting structures have been constructed in Hoshiarpur-II and Mahilpur blocks to harvest the rainwater for irrigation.