IRRIGATION BY DIFFERENT SOURCES

DISTRICT: UDAIPUR

Udaipur district has total geographical area 12590 sq.km. The area under irrigation is 874.27 sq.km. which is about 7.71 per cent of the total geographical area of the district. Main source of irrigation in the district is wells, followed by tanks/ponds. Prominent rivers of the district are Wakal, Berach, Som, Jhakham, Mahi, Gomti. Important water bodies of the district are Fateh Sagar, Swaroop Sagar, Pichhol, Bari Talab, Udaisagar, Jaisamand. Important watersheds/river basins of the district are Som, Jhakham, Berach, Sai, Sukri, Wakal and Sabarmati.

There exists several medium and minor irrigation projects in the area prominent among these are:

Medium:

(j) Udaisagar (Girwa), Capacity 4853.24 CCA in ha.
(ii) Bagokia (Mavl), Capacity 3075.00 CCA in ha.
(iv) Vallabhnagar (Vallabhnagar), Capacity 6465.00 CCA in ha.
(v) Jaisamand (Sarada), Capacity 15999.81 CCA in ha.
(vi) Daya (Sarada), Capacity 1894.00 CCA in ha.
(vii) Som Kagar (Kherwara), Capacity 5739.00 CCA in ha.

Minor - 10 in Mavl, 28 in Salumber, 11 in Girwa, 5 in Vallabhnagar, 9 in Jhadol, 14 in Kherwara, 12 in Gogunda, 10 in Kotra and 13 in Dhariawad.

Tehsil wise irrigated area by different sources

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Tehsils</th>
<th>Total Irrigated Area</th>
<th>per cent Irrigated Area</th>
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<tbody>
<tr>
<td></td>
<td></td>
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<td>Tube wells</td>
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<tr>
<td>1.</td>
<td>Dharuwad</td>
<td>16049</td>
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<td>2.</td>
<td>Girwa</td>
<td>13135</td>
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<td>3.</td>
<td>Gogunda</td>
<td>6619</td>
<td>Neg.</td>
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<td>4.</td>
<td>Jhadol</td>
<td>6061</td>
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<td>5.</td>
<td>Kherwara</td>
<td>3040</td>
<td>-</td>
</tr>
<tr>
<td>6.</td>
<td>Kotra</td>
<td>2958</td>
<td>-</td>
</tr>
<tr>
<td>7.</td>
<td>Mavl</td>
<td>11458</td>
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<td>8.</td>
<td>Salumber</td>
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<tr>
<td>10.</td>
<td>Vallabhnagar</td>
<td>12597</td>
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</table>

Tehsil wise net and gross irrigated area

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Tehsil</th>
<th>Area</th>
<th>Net Irrigated Area</th>
<th>Gross Irrigated Area</th>
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<tr>
<td></td>
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<td>Area</td>
<td>% of Total Area</td>
<td>Area</td>
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<tr>
<td>1.</td>
<td>Dhariawad</td>
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<td>5374</td>
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<td>119151</td>
<td>2737</td>
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<td>Mavl</td>
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<td>9739</td>
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<td>Vallabhnagar</td>
<td>99560</td>
<td>10926</td>
<td>10.97</td>
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