

## Anraj Dam

<b>Location</b>	24.0653° N, 84.8181° E
<b>State</b>	Jharkhand
<b>Nearest City</b>	Garhwa
<b>Year of Completion</b>	Not Available
<b>Operated and Maintained by</b>	Jharkhand Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Anraj.
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	27.7 m
<b>Dam length</b>	731.7 m
<b>Reservoir Area</b>	3440000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	30426100.0 m <sup>3</sup>
<b>Effective storage capacity</b>	26908300.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	4.6 km <sup>2</sup>
<b>Perimeter of catchment</b>	9.1 km
<b>Basin Length</b>	2609.4 m
<b>Form factor</b>	0.67181
<b>Circularity ratio</b>	0.68927
<b>Elongation ratio</b>	0.92455
<b>Highest Stream order</b>	5
<b>Max elevation</b>	544.0 m
<b>Min elevation</b>	472.0 m
<b>Mean bifurcation ratio</b>	2.7021
<b>Stream frequency</b>	80.6670 per km <sup>2</sup>
<b>Relief</b>	72.00 m
<b>Drainage density</b>	10.1180 km/km <sup>2</sup>
<b>Length of overland flow</b>	49.416 m

## CATCHMENT CLIMATOLOGY

