

## Anjanwa Dam

<b>Location</b>	24.2069° N, 85.2844° E
<b>State</b>	Jharkhand
<b>Nearest City</b>	Hazaribagh
<b>Year of Completion</b>	1981
<b>Operated and Maintained by</b>	Jharkhand Water Resources Department
<b>River Basin</b>	Subarnarekha
<b>River</b>	Anjanwa.
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	16.3 m
<b>Dam length</b>	1341.5 m
<b>Reservoir Area</b>	2100000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	616740000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	6103000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	41.0 km <sup>2</sup>
<b>Perimeter of catchment</b>	31.6 km
<b>Basin Length</b>	10150.0 m
<b>Form factor</b>	0.39844
<b>Circularity ratio</b>	0.51579
<b>Elongation ratio</b>	0.71202
<b>Highest Stream order</b>	6
<b>Max elevation</b>	703.0 m
<b>Min elevation</b>	400.0 m
<b>Mean bifurcation ratio</b>	2.3359
<b>Stream frequency</b>	79.8310 per km <sup>2</sup>
<b>Relief</b>	303.00 m
<b>Drainage density</b>	10.9440 km/km <sup>2</sup>
<b>Length of overland flow</b>	45.689 m

## CATCHMENT CLIMATOLOGY

