

## Upper Shankh Dam

Location	23.2681° N, 84.2208° E
State	Jharkhand
Nearest City	Gumla
Year of Completion	2008
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Brahmani
River	Shankha
Dam Type	Earthfill Embankment
Height above lowest foundation level	39.7 m
Dam length	1067.0 m
Reservoir Area	48000.0 m <sup>2</sup>
Gross storage capacity	270000000.0 m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	75.8 km <sup>2</sup>
Perimeter of catchment	49.2 km
Basin Length	10631.0 m
Form factor	0.67075
Circularity ratio	0.39346
Elongation ratio	0.92383
Highest Stream order	6
Max elevation	1085.0 m
Min elevation	746.0 m
Mean bifurcation ratio	2.4021
Stream frequency	87.2570 per km <sup>2</sup>
Relief	339.00 m
Drainage density	12.7220 km/km <sup>2</sup>
Length of overland flow	39.302 m

## CATCHMENT CLIMATOLOGY

