

Pandarwa Dam

Location	24.3161° N, 83.4292° E
State	Jharkhand
Nearest City	Garhwa
Year of Completion	1983
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	Pandarwa.
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.8 m
Dam length	193.6 m
Reservoir Area	1070000.0 m ²
Gross storage capacity	3814100.0 m ³
Effective storage capacity	3530200.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km ²
Perimeter of catchment	12.7 km
Basin Length	3119.8 m
Form factor	0.40930
Circularity ratio	0.30950
Elongation ratio	0.72165
Highest Stream order	4
Max elevation	367.0 m
Min elevation	281.0 m
Mean bifurcation ratio	2.3952
Stream frequency	75.5600 per km ²
Relief	86.00 m
Drainage density	9.7640 km/km ²
Length of overland flow	51.210 m

CATCHMENT CLIMATOLOGY

