

Pillasalki Dam

Location	20.4200° N, 84.3372° E
State	Odisha
Nearest City	Khondmals
Year of Completion	1984
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Pillasalki
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.5 m
Dam length	441.0 m
Reservoir Area	2570000.0 m ²
Gross storage capacity	19200000.0 m ³
Effective storage capacity	14400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	90.0 km ²
Perimeter of catchment	58.1 km
Basin Length	14141.0 m
Form factor	0.45033
Circularity ratio	0.33569
Elongation ratio	0.75696
Highest Stream order	6
Max elevation	1087.0 m
Min elevation	516.0 m
Mean bifurcation ratio	2.4229
Stream frequency	86.0350 per km ²
Relief	571.00 m
Drainage density	12.6090 km/km ²
Length of overland flow	39.654 m

CATCHMENT CLIMATOLOGY

