

Upper Palakmati Dam

Location	23.1939° N, 77.8950° E
State	Madhya Pradesh
Nearest City	Raisen
Year of Completion	2002
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Palakmati
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.7 m
Dam length	210.0 m
Reservoir Area	1943000.0 m ²
Gross storage capacity	11039000.0 m ³
Effective storage capacity	10438000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	65.8 km ²
Perimeter of catchment	40.3 km
Basin Length	10629.0 m
Form factor	0.58205
Circularity ratio	0.50958
Elongation ratio	0.86058
Highest Stream order	7
Max elevation	589.0 m
Min elevation	378.0 m
Mean bifurcation ratio	2.3960
Stream frequency	79.7100 per km ²
Relief	211.00 m
Drainage density	11.1000 km/km ²
Length of overland flow	45.046 m

CATCHMENT CLIMATOLOGY

