

Kalaphata Dam

Location	22.4311° N, 76.0481° E
State	Madhya Pradesh
Nearest City	Barwaha
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Dabri
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	270.0 m
Reservoir Area	689000.0 m ²
Gross storage capacity	2865000.0 m ³
Effective storage capacity	2570000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.9 km ²
Perimeter of catchment	15.6 km
Basin Length	4824.8 m
Form factor	0.68229
Circularity ratio	0.81654
Elongation ratio	0.93174
Highest Stream order	5
Max elevation	576.0 m
Min elevation	287.0 m
Mean bifurcation ratio	3.3337
Stream frequency	85.9420 per km ²
Relief	289.00 m
Drainage density	12.2920 km/km ²
Length of overland flow	40.676 m

CATCHMENT CLIMATOLOGY

