

Kamthikhairy (Pench) Dam

Location	21.4617° N, 79.1908° E
State	Maharashtra
Nearest City	Parseoni
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Pench.
Dam Type	Earthfill Embankment
Height above lowest foundation level	32.0 m
Dam length	2248.0 m
Reservoir Area	23653000.0 m ²
Gross storage capacity	180980000.0 m ³
Effective storage capacity	141980000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4608.7 km ²
Perimeter of catchment	463.5 km
Basin Length	124470.0 m
Form factor	0.29745
Circularity ratio	0.26962
Elongation ratio	0.61520
Highest Stream order	9
Max elevation	1202.0 m
Min elevation	299.0 m
Mean bifurcation ratio	2.1177
Stream frequency	76.4810 per km ²
Relief	903.00 m
Drainage density	10.5330 km/km ²
Length of overland flow	47.468 m

CATCHMENT CLIMATOLOGY

