

Karanpather Dam

Location	22.9403° N, 81.3294° E
State	Madhya Pradesh
Nearest City	Pushprajgarh
Year of Completion	1987
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.4 m
Dam length	450.0 m
Reservoir Area	104500.0 m ²
Gross storage capacity	410000.0 m ³
Effective storage capacity	360000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.2 km ²
Perimeter of catchment	8.9 km
Basin Length	2747.8 m
Form factor	0.56094
Circularity ratio	0.67268
Elongation ratio	0.84483
Highest Stream order	5
Max elevation	935.0 m
Min elevation	773.0 m
Mean bifurcation ratio	7.4614
Stream frequency	79.5660 per km ²
Relief	162.00 m
Drainage density	10.7120 km/km ²
Length of overland flow	46.675 m

CATCHMENT CLIMATOLOGY

