

Pipliyakumar Dam

Location	23.7211° N, 76.1031° E
State	Madhya Pradesh
Nearest City	Agar
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Ban Ganga
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.9 m
Dam length	894.0 m
Reservoir Area	2632000.0 m ²
Gross storage capacity	11210000.0 m ³
Effective storage capacity	10120000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	47.1 km ²
Perimeter of catchment	33.7 km
Basin Length	9796.5 m
Form factor	0.49041
Circularity ratio	0.52044
Elongation ratio	0.78993
Highest Stream order	6
Max elevation	510.0 m
Min elevation	424.0 m
Mean bifurcation ratio	17.7520
Stream frequency	76.9990 per km ²
Relief	86.00 m
Drainage density	10.4690 km/km ²
Length of overland flow	47.760 m

CATCHMENT CLIMATOLOGY

