

Pariat Dam

Location	23.2292° N, 80.1306° E
State	Madhya Pradesh
Nearest City	Jabalpur
Year of Completion	1927
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Pariatnala
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.7 m
Dam length	1182.0 m
Reservoir Area	3420000.0 m ²
Gross storage capacity	20300000.0 m ³
Effective storage capacity	18500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.7 km ²
Perimeter of catchment	13.8 km
Basin Length	5801.7 m
Form factor	0.19827
Circularity ratio	0.43759
Elongation ratio	0.50227
Highest Stream order	4
Max elevation	526.0 m
Min elevation	407.0 m
Mean bifurcation ratio	2.2487
Stream frequency	79.5670 per km ²
Relief	119.00 m
Drainage density	10.6500 km/km ²
Length of overland flow	46.948 m

CATCHMENT CLIMATOLOGY

