

Pachama Dam

Location	22.0858° N, 77.9000° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.9 m
Dam length	750.0 m
Reservoir Area	178000.0 m ²
Gross storage capacity	632000.0 m ³
Effective storage capacity	586000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.2 km ²
Perimeter of catchment	6.7 km
Basin Length	1987.9 m
Form factor	0.54922
Circularity ratio	0.61405
Elongation ratio	0.83595
Highest Stream order	4
Max elevation	765.0 m
Min elevation	602.0 m
Mean bifurcation ratio	4.8513
Stream frequency	84.7820 per km ²
Relief	163.00 m
Drainage density	11.5880 km/km ²
Length of overland flow	43.148 m

CATCHMENT CLIMATOLOGY

