

Piplad Dam

Location	24.4067° N, 75.8892° E
State	Rajasthan
Nearest City	Pachpahar
Year of Completion	2011
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Piplad
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	4277.0 m
Reservoir Area	8035000.0 m ²
Gross storage capacity	24140000.0 m ³
Effective storage capacity	21500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	140.5 km ²
Perimeter of catchment	59.7 km
Basin Length	21749.0 m
Form factor	0.29711
Circularity ratio	0.49530
Elongation ratio	0.61484
Highest Stream order	6
Max elevation	462.0 m
Min elevation	354.0 m
Mean bifurcation ratio	2.0674
Stream frequency	67.7700 per km ²
Relief	108.00 m
Drainage density	8.5230 km/km ²
Length of overland flow	58.668 m

CATCHMENT CLIMATOLOGY

