

Panchana Dam

Location	26.5625° N, 77.0050° E
State	Rajasthan
Nearest City	Karauli
Year of Completion	2006
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Gambhiri
Dam Type	Earthfill Embankment
Height above lowest foundation level	33.2 m
Dam length	1207.8 m
Reservoir Area	9240000.0 m ²
Gross storage capacity	54950000.0 m ³
Effective storage capacity	52650000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	622.6 km ²
Perimeter of catchment	153.2 km
Basin Length	34602.0 m
Form factor	0.52002
Circularity ratio	0.33345
Elongation ratio	0.81343
Highest Stream order	8
Max elevation	404.0 m
Min elevation	237.0 m
Mean bifurcation ratio	2.4368
Stream frequency	74.1640 per km ²
Relief	167.00 m
Drainage density	9.6370 km/km ²
Length of overland flow	51.885 m

CATCHMENT CLIMATOLOGY

