

Banakiya Dam

Location	24.9050° N, 74.4956° E
State	Rajasthan
Nearest City	Gangar
Year of Completion	1962
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.9 m
Dam length	2555.0 m
Reservoir Area	5500000.0 m ²
Gross storage capacity	9430000.0 m ³
Effective storage capacity	9269000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	237.5 km ²
Perimeter of catchment	83.4 km
Basin Length	24451.0 m
Form factor	0.39718
Circularity ratio	0.42880
Elongation ratio	0.71089
Highest Stream order	7
Max elevation	523.0 m
Min elevation	407.0 m
Mean bifurcation ratio	3.1004
Stream frequency	71.8190 per km ²
Relief	116.00 m
Drainage density	9.2340 km/km ²
Length of overland flow	54.150 m

CATCHMENT CLIMATOLOGY

