

Kala Bhata Dam

Location	25.6206° N, 74.0817° E
State	Rajasthan
Nearest City	Dergarh
Year of Completion	1958
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Khari
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.1 m
Dam length	979.0 m
Reservoir Area	1450000.0 m ²
Gross storage capacity	4250000.0 m ³
Effective storage capacity	3870000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	88.7 km ²
Perimeter of catchment	48.1 km
Basin Length	18389.0 m
Form factor	0.26244
Circularity ratio	0.48275
Elongation ratio	0.57786
Highest Stream order	6
Max elevation	788.0 m
Min elevation	562.0 m
Mean bifurcation ratio	3.0295
Stream frequency	70.8860 per km ²
Relief	226.00 m
Drainage density	9.0270 km/km ²
Length of overland flow	55.390 m

CATCHMENT CLIMATOLOGY

