

Bagolia Dam

Location	24.8142° N, 73.9536° E
State	Rajasthan
Nearest City	Vallabhnagar
Year of Completion	1956
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Berach
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.7 m
Dam length	3079.0 m
Reservoir Area	3500000.0 m ²
Gross storage capacity	19420000.0 m ³
Effective storage capacity	18850000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	259.2 km ²
Perimeter of catchment	84.4 km
Basin Length	26303.0 m
Form factor	0.37458
Circularity ratio	0.45726
Elongation ratio	0.69037
Highest Stream order	7
Max elevation	701.0 m
Min elevation	492.0 m
Mean bifurcation ratio	3.6987
Stream frequency	70.2630 per km ²
Relief	209.00 m
Drainage density	9.0180 km/km ²
Length of overland flow	55.446 m

CATCHMENT CLIMATOLOGY

