

Murliya Dam

Location	24.7044° N, 74.6406° E
State	Rajasthan
Nearest City	Bhadesar
Year of Completion	1968
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.6 m
Dam length	2280.0 m
Reservoir Area	5490000.0 m ²
Gross storage capacity	9620000.0 m ³
Effective storage capacity	8470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	120.7 km ²
Perimeter of catchment	51.9 km
Basin Length	15888.0 m
Form factor	0.47831
Circularity ratio	0.56263
Elongation ratio	0.78013
Highest Stream order	6
Max elevation	537.0 m
Min elevation	425.0 m
Mean bifurcation ratio	2.2231
Stream frequency	71.6070 per km ²
Relief	112.00 m
Drainage density	9.0930 km/km ²
Length of overland flow	54.986 m

CATCHMENT CLIMATOLOGY

