

Modia Mahadev Dam

Location	24.8447° N, 74.7842° E
State	Rajasthan
Nearest City	Begun
Year of Completion	1980
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	625.0 m
Reservoir Area	1150000.0 m ²
Gross storage capacity	3885000.0 m ³
Effective storage capacity	3648000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	73.0 km ²
Perimeter of catchment	72.6 km
Basin Length	17644.0 m
Form factor	0.23462
Circularity ratio	0.17420
Elongation ratio	0.54638
Highest Stream order	6
Max elevation	605.0 m
Min elevation	465.0 m
Mean bifurcation ratio	5.3829
Stream frequency	86.1570 per km ²
Relief	140.00 m
Drainage density	12.2860 km/km ²
Length of overland flow	40.697 m

CATCHMENT CLIMATOLOGY

