

Mahadev Nalla Dam

Location	24.5717° N, 72.8119° E
State	Rajasthan
Nearest City	Abu Road
Year of Completion	1988
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Mahadev Nalla
Dam Type	Other
Height above lowest foundation level	14.6 m
Dam length	1200.0 m
Reservoir Area	633000.0 m ²
Gross storage capacity	14400000.0 m ³
Effective storage capacity	1420000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.8 km ²
Perimeter of catchment	13.0 km
Basin Length	5422.0 m
Form factor	0.26587
Circularity ratio	0.58187
Elongation ratio	0.58163
Highest Stream order	5
Max elevation	991.0 m
Min elevation	298.0 m
Mean bifurcation ratio	3.3831
Stream frequency	101.4600 per km ²
Relief	693.00 m
Drainage density	15.4860 km/km ²
Length of overland flow	32.286 m

CATCHMENT CLIMATOLOGY

