

Morana (Gureghar) Dam

Location	17.2897° N, 73.8358° E
State	Maharashtra
Nearest City	Patan.
Year of Completion	2010
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Morna
Dam Type	Earthfill Embankment
Height above lowest foundation level	47.0 m
Dam length	560.0 m
Reservoir Area	3360000.0 m ²
Gross storage capacity	39550000.0 m ³
Effective storage capacity	36990000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	55.7 km ²
Perimeter of catchment	31.3 km
Basin Length	10146.0 m
Form factor	0.54123
Circularity ratio	0.71650
Elongation ratio	0.82985
Highest Stream order	6
Max elevation	1102.0 m
Min elevation	617.0 m
Mean bifurcation ratio	2.5472
Stream frequency	93.9320 per km ²
Relief	485.00 m
Drainage density	14.5860 km/km ²
Length of overland flow	34.279 m

CATCHMENT CLIMATOLOGY

