

Sina Kolegaon Dam

Location	18.3164° N, 75.3986° E
State	Maharashtra
Nearest City	Karmala
Year of Completion	2007
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Sina
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.1 m
Dam length	1770.0 m
Reservoir Area	32500000.0 m ²
Gross storage capacity	150430000.0 m ³
Effective storage capacity	76180000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5633.1 km ²
Perimeter of catchment	407.2 km
Basin Length	133890.0 m
Form factor	0.31421
Circularity ratio	0.42710
Elongation ratio	0.63230
Highest Stream order	9
Max elevation	960.0 m
Min elevation	487.0 m
Mean bifurcation ratio	2.1960
Stream frequency	77.4050 per km ²
Relief	473.00 m
Drainage density	11.0170 km/km ²
Length of overland flow	45.386 m

CATCHMENT CLIMATOLOGY

