

Gangaldara Dam

Location	19.1922° N, 73.7403° E
State	Maharashtra
Nearest City	Junnar
Year of Completion	2013
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.3 m
Dam length	449.0 m
Reservoir Area	249000.0 m ²
Gross storage capacity	2340000.0 m ³
Effective storage capacity	2240000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.0 km ²
Perimeter of catchment	8.5 km
Basin Length	2218.2 m
Form factor	1.01440
Circularity ratio	0.87840
Elongation ratio	1.13610
Highest Stream order	4
Max elevation	1257.0 m
Min elevation	788.0 m
Mean bifurcation ratio	3.0172
Stream frequency	95.1660 per km ²
Relief	469.00 m
Drainage density	14.3840 km/km ²
Length of overland flow	34.760 m

CATCHMENT CLIMATOLOGY

