

Garade Dam

Location	18.3447° N, 73.9569° E
State	Maharashtra
Nearest City	Purandar
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Karha
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.8 m
Dam length	373.0 m
Reservoir Area	512000.0 m ²
Gross storage capacity	1850000.0 m ³
Effective storage capacity	1560000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	40.2 km ²
Perimeter of catchment	29.0 km
Basin Length	8692.6 m
Form factor	0.53214
Circularity ratio	0.60177
Elongation ratio	0.82286
Highest Stream order	6
Max elevation	1047.0 m
Min elevation	815.0 m
Mean bifurcation ratio	2.4495
Stream frequency	78.9870 per km ²
Relief	232.00 m
Drainage density	11.2510 km/km ²
Length of overland flow	44.439 m

CATCHMENT CLIMATOLOGY

