

Kavale Dam

Location	18.6283° N, 73.2331° E
State	Maharashtra
Nearest City	Sudhagad
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.0 m
Dam length	440.0 m
Reservoir Area	565000.0 m ²
Gross storage capacity	3294000.0 m ³
Effective storage capacity	3145000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.4 km ²
Perimeter of catchment	12.6 km
Basin Length	4165.0 m
Form factor	0.31098
Circularity ratio	0.42766
Elongation ratio	0.62904
Highest Stream order	4
Max elevation	519.0 m
Min elevation	40.0 m
Mean bifurcation ratio	3.2254
Stream frequency	86.7530 per km ²
Relief	479.00 m
Drainage density	12.3580 km/km ²
Length of overland flow	40.459 m

CATCHMENT CLIMATOLOGY

