

Nimgaon Mahalungi Dam

Location	18.7294° N, 74.2025° E
State	Maharashtra
Nearest City	Shirur.
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Kamini Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.3 m
Dam length	3140.0 m
Reservoir Area	852000.0 m ²
Gross storage capacity	3370000.0 m ³
Effective storage capacity	3000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	74.7 km ²
Perimeter of catchment	48.5 km
Basin Length	17399.0 m
Form factor	0.24689
Circularity ratio	0.39897
Elongation ratio	0.56048
Highest Stream order	6
Max elevation	765.0 m
Min elevation	571.0 m
Mean bifurcation ratio	2.3515
Stream frequency	77.0240 per km ²
Relief	194.00 m
Drainage density	10.8270 km/km ²
Length of overland flow	46.180 m

CATCHMENT CLIMATOLOGY

