

Nitrud Dam

Location	19.0147° N, 76.1808° E
State	Maharashtra
Nearest City	Majalgaon
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.3 m
Dam length	1290.0 m
Reservoir Area	690000.0 m ²
Gross storage capacity	1688000.0 m ³
Effective storage capacity	1569000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.8 km ²
Perimeter of catchment	13.6 km
Basin Length	3827.7 m
Form factor	0.74041
Circularity ratio	0.73782
Elongation ratio	0.97061
Highest Stream order	5
Max elevation	486.0 m
Min elevation	446.0 m
Mean bifurcation ratio	3.5675
Stream frequency	76.4190 per km ²
Relief	40.00 m
Drainage density	10.4000 km/km ²
Length of overland flow	48.076 m

CATCHMENT CLIMATOLOGY

