

Nagalgaon Dam

Location	18.4106° N, 77.1833° E
State	Maharashtra
Nearest City	Udgir
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.9 m
Dam length	m
Reservoir Area	46000.0 m ²
Gross storage capacity	1529000.0 m ³
Effective storage capacity	1407000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.9 km ²
Perimeter of catchment	17.6 km
Basin Length	5616.8 m
Form factor	0.37786
Circularity ratio	0.48277
Elongation ratio	0.69339
Highest Stream order	5
Max elevation	652.0 m
Min elevation	507.0 m
Mean bifurcation ratio	2.4549
Stream frequency	80.9510 per km ²
Relief	145.00 m
Drainage density	11.6370 km/km ²
Length of overland flow	42.965 m

CATCHMENT CLIMATOLOGY

