

Gaosud Dam

Location	18.2017° N, 76.0192° E
State	Maharashtra
Nearest City	Osmanabad
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	773.0 m
Reservoir Area	429800.0 m ²
Gross storage capacity	1701000.0 m ³
Effective storage capacity	1510000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.5 km ²
Perimeter of catchment	6.5 km
Basin Length	1381.4 m
Form factor	1.29210
Circularity ratio	0.72905
Elongation ratio	1.28220
Highest Stream order	4
Max elevation	688.0 m
Min elevation	615.0 m
Mean bifurcation ratio	2.7623
Stream frequency	78.2730 per km ²
Relief	73.00 m
Drainage density	10.0610 km/km ²
Length of overland flow	49.695 m

CATCHMENT CLIMATOLOGY

