

Hudi Dam

Location	19.3506° N, 78.0049° E
State	Maharashtra
Nearest City	Kinwat
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	522.0 m
Reservoir Area	115000.0 m ²
Gross storage capacity	1622000.0 m ³
Effective storage capacity	1566000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.8 km ²
Perimeter of catchment	9.7 km
Basin Length	2730.4 m
Form factor	0.78067
Circularity ratio	0.76998
Elongation ratio	0.99665
Highest Stream order	4
Max elevation	550.0 m
Min elevation	426.0 m
Mean bifurcation ratio	2.8516
Stream frequency	79.8960 per km ²
Relief	124.00 m
Drainage density	11.2700 km/km ²
Length of overland flow	44.367 m

CATCHMENT CLIMATOLOGY

