

Jangaltanda Dam

Location	20.6433° N, 75.6878° E
State	Maharashtra
Nearest City	Soyegaon
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Gugadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.5 m
Dam length	827.0 m
Reservoir Area	470000.0 m ²
Gross storage capacity	1160000.0 m ³
Effective storage capacity	1093000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.1 km ²
Perimeter of catchment	8.9 km
Basin Length	2720.3 m
Form factor	0.55098
Circularity ratio	0.65080
Elongation ratio	0.83729
Highest Stream order	5
Max elevation	365.0 m
Min elevation	325.0 m
Mean bifurcation ratio	3.1043
Stream frequency	74.3140 per km ²
Relief	40.00 m
Drainage density	9.7190 km/km ²
Length of overland flow	51.448 m

CATCHMENT CLIMATOLOGY

