

Jalka Dam

Location	20.8833° N, 78.0333° E
State	Maharashtra
Nearest City	Chandur Rly
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	679.0 m
Reservoir Area	271000.0 m ²
Gross storage capacity	951000.0 m ³
Effective storage capacity	875000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km ²
Perimeter of catchment	8.6 km
Basin Length	2841.6 m
Form factor	0.49531
Circularity ratio	0.67941
Elongation ratio	0.79387
Highest Stream order	5
Max elevation	363.0 m
Min elevation	333.0 m
Mean bifurcation ratio	3.4407
Stream frequency	73.2580 per km ²
Relief	30.00 m
Drainage density	9.4000 km/km ²
Length of overland flow	53.192 m

CATCHMENT CLIMATOLOGY

