

Sajatpur Dam

Location	19.5008° N, 75.6967° E
State	Maharashtra
Nearest City	Beed
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.7 m
Dam length	1230.0 m
Reservoir Area	830000.0 m ²
Gross storage capacity	2480000.0 m ³
Effective storage capacity	2270000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.2 km ²
Perimeter of catchment	6.4 km
Basin Length	1409.1 m
Form factor	1.08830
Circularity ratio	0.67208
Elongation ratio	1.17680
Highest Stream order	4
Max elevation	479.0 m
Min elevation	457.0 m
Mean bifurcation ratio	3.0417
Stream frequency	78.6720 per km ²
Relief	22.00 m
Drainage density	10.1600 km/km ²
Length of overland flow	49.213 m

CATCHMENT CLIMATOLOGY

