

Sawad Dam

Location	19.7472° N, 77.0783° E
State	Maharashtra
Nearest City	Hingoli
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	1168.0 m
Reservoir Area	708500.0 m ²
Gross storage capacity	1721000.0 m ³
Effective storage capacity	1607000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.7 km ²
Perimeter of catchment	14.8 km
Basin Length	4784.8 m
Form factor	0.51114
Circularity ratio	0.67496
Elongation ratio	0.80645
Highest Stream order	5
Max elevation	516.0 m
Min elevation	455.0 m
Mean bifurcation ratio	2.4339
Stream frequency	75.3720 per km ²
Relief	61.00 m
Drainage density	10.0220 km/km ²
Length of overland flow	49.889 m

CATCHMENT CLIMATOLOGY

