

Sawangimali -1 Dam

Location	20.1758° N, 76.4364° E
State	Maharashtra
Nearest City	Sindkhed Raja
Year of Completion	1991
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.7 m
Dam length	403.0 m
Reservoir Area	313000.0 m ²
Gross storage capacity	1730000.0 m ³
Effective storage capacity	1623000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.1 km ²
Perimeter of catchment	19.3 km
Basin Length	5555.5 m
Form factor	0.65093
Circularity ratio	0.67472
Elongation ratio	0.91008
Highest Stream order	6
Max elevation	618.0 m
Min elevation	558.0 m
Mean bifurcation ratio	5.2516
Stream frequency	76.6540 per km ²
Relief	60.00 m
Drainage density	10.5830 km/km ²
Length of overland flow	47.247 m

CATCHMENT CLIMATOLOGY

