

Shioni Bhondki Dam

Location	21.4164° N, 79.4742° E
State	Maharashtra
Nearest City	Ramtek
Year of Completion	1974
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	624.0 m
Reservoir Area	27220.0 m ²
Gross storage capacity	877000.0 m ³
Effective storage capacity	867000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km ²
Perimeter of catchment	6.0 km
Basin Length	1757.3 m
Form factor	0.68408
Circularity ratio	0.75003
Elongation ratio	0.93296
Highest Stream order	4
Max elevation	418.0 m
Min elevation	323.0 m
Mean bifurcation ratio	2.4422
Stream frequency	81.8950 per km ²
Relief	95.00 m
Drainage density	10.2730 km/km ²
Length of overland flow	48.669 m

CATCHMENT CLIMATOLOGY

