

Somthana Dam

Location	19.0736° N, 77.6708° E
State	Maharashtra
Nearest City	Umri
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Bhokar
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	532.0 m
Reservoir Area	493000.0 m ²
Gross storage capacity	915000.0 m ³
Effective storage capacity	844000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.2 km ²
Perimeter of catchment	10.8 km
Basin Length	3621.3 m
Form factor	0.47485
Circularity ratio	0.67468
Elongation ratio	0.77730
Highest Stream order	5
Max elevation	506.0 m
Min elevation	397.0 m
Mean bifurcation ratio	2.6580
Stream frequency	82.3830 per km ²
Relief	109.00 m
Drainage density	11.7500 km/km ²
Length of overland flow	42.553 m

CATCHMENT CLIMATOLOGY

