

Giroli Dam

Location	20.2042° N, 77.4639° E
State	Maharashtra
Nearest City	Manora
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Goki
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.9 m
Dam length	495.0 m
Reservoir Area	612000.0 m ²
Gross storage capacity	3100000.0 m ³
Effective storage capacity	2780000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.3 km ²
Perimeter of catchment	21.8 km
Basin Length	6782.5 m
Form factor	0.46399
Circularity ratio	0.56378
Elongation ratio	0.76836
Highest Stream order	5
Max elevation	540.0 m
Min elevation	407.0 m
Mean bifurcation ratio	2.3892
Stream frequency	76.5060 per km ²
Relief	133.00 m
Drainage density	10.4260 km/km ²
Length of overland flow	47.956 m

CATCHMENT CLIMATOLOGY

