

Shirputi Dam

Location	20.0339° N, 77.2228° E
State	Maharashtra
Nearest City	Washim
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.4 m
Dam length	355.0 m
Reservoir Area	196000.0 m ²
Gross storage capacity	2220000.0 m ³
Effective storage capacity	1930000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.0 km ²
Perimeter of catchment	21.9 km
Basin Length	6264.3 m
Form factor	0.71265
Circularity ratio	0.73459
Elongation ratio	0.95224
Highest Stream order	6
Max elevation	559.0 m
Min elevation	484.0 m
Mean bifurcation ratio	3.2720
Stream frequency	71.4800 per km ²
Relief	75.00 m
Drainage density	9.5710 km/km ²
Length of overland flow	52.242 m

CATCHMENT CLIMATOLOGY

