

Siddhnath Dam

Location	17.0114° N, 75.3622° E
State	Maharashtra
Nearest City	Jath
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.8 m
Dam length	784.0 m
Reservoir Area	1208000.0 m ²
Gross storage capacity	6430000.0 m ³
Effective storage capacity	4900000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.8 km ²
Perimeter of catchment	8.5 km
Basin Length	2178.9 m
Form factor	1.00270
Circularity ratio	0.83413
Elongation ratio	1.12950
Highest Stream order	4
Max elevation	665.0 m
Min elevation	608.0 m
Mean bifurcation ratio	2.2604
Stream frequency	66.3820 per km ²
Relief	57.00 m
Drainage density	8.2830 km/km ²
Length of overland flow	60.365 m

CATCHMENT CLIMATOLOGY

