

Manpadale Dam

Location	16.8136° N, 74.2217° E
State	Maharashtra
Nearest City	Hatkanagale
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.8 m
Dam length	612.0 m
Reservoir Area	262000.0 m ²
Gross storage capacity	1430000.0 m ³
Effective storage capacity	1290000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.1 km ²
Perimeter of catchment	8.1 km
Basin Length	2483.3 m
Form factor	0.67068
Circularity ratio	0.79668
Elongation ratio	0.92378
Highest Stream order	4
Max elevation	785.0 m
Min elevation	630.0 m
Mean bifurcation ratio	2.8383
Stream frequency	82.4490 per km ²
Relief	155.00 m
Drainage density	12.1100 km/km ²
Length of overland flow	41.287 m

CATCHMENT CLIMATOLOGY

