

Karanjikhed Dam

Location	18.0506° N, 76.2642° E
State	Maharashtra
Nearest City	Osmanabad
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	555.0 m
Reservoir Area	1410000.0 m ²
Gross storage capacity	3789000.0 m ³
Effective storage capacity	3562000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.6 km ²
Perimeter of catchment	19.4 km
Basin Length	5728.9 m
Form factor	0.68802
Circularity ratio	0.75299
Elongation ratio	0.93564
Highest Stream order	5
Max elevation	670.0 m
Min elevation	618.0 m
Mean bifurcation ratio	2.4181
Stream frequency	73.6010 per km ²
Relief	52.00 m
Drainage density	9.8560 km/km ²
Length of overland flow	50.729 m

CATCHMENT CLIMATOLOGY

