

Varkute Dam

Location	18.0531° N, 74.9192° E
State	Maharashtra
Nearest City	Indapur
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	1093.0 m
Reservoir Area	440000.0 m ²
Gross storage capacity	1450000.0 m ³
Effective storage capacity	1274000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.4 km ²
Perimeter of catchment	6.5 km
Basin Length	2018.6 m
Form factor	0.59156
Circularity ratio	0.71407
Elongation ratio	0.86758
Highest Stream order	4
Max elevation	548.0 m
Min elevation	523.0 m
Mean bifurcation ratio	8.1722
Stream frequency	71.7700 per km ²
Relief	25.00 m
Drainage density	9.6990 km/km ²
Length of overland flow	51.553 m

CATCHMENT CLIMATOLOGY

