

Vibhutiwadi Dam

Location	17.4694° N, 74.7094° E
State	Maharashtra
Nearest City	Atpadi
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Gharkhada
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.2 m
Dam length	1027.0 m
Reservoir Area	3380000.0 m ²
Gross storage capacity	1330000.0 m ³
Effective storage capacity	1160000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.3 km ²
Perimeter of catchment	16.4 km
Basin Length	5123.5 m
Form factor	0.50627
Circularity ratio	0.61899
Elongation ratio	0.80260
Highest Stream order	5
Max elevation	927.0 m
Min elevation	729.0 m
Mean bifurcation ratio	3.1294
Stream frequency	80.2140 per km ²
Relief	198.00 m
Drainage density	11.6590 km/km ²
Length of overland flow	42.884 m

CATCHMENT CLIMATOLOGY

