

Vairagwadi Dam

Location	16.1603° N, 74.3619° E
State	Maharashtra
Nearest City	Gadhinglaj
Year of Completion	1984
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.3 m
Dam length	845.0 m
Reservoir Area	299000.0 m ²
Gross storage capacity	1510000.0 m ³
Effective storage capacity	1470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.2 km ²
Perimeter of catchment	8.6 km
Basin Length	2498.4 m
Form factor	0.82867
Circularity ratio	0.87188
Elongation ratio	1.02680
Highest Stream order	4
Max elevation	865.0 m
Min elevation	662.0 m
Mean bifurcation ratio	3.2400
Stream frequency	88.7380 per km ²
Relief	203.00 m
Drainage density	12.8950 km/km ²
Length of overland flow	38.774 m

CATCHMENT CLIMATOLOGY

