

Jiwachiwadi Dam

Location	18.8567° N, 76.0147° E
State	Maharashtra
Nearest City	Kaij
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.4 m
Dam length	m
Reservoir Area	213600.0 m ²
Gross storage capacity	1594000.0 m ³
Effective storage capacity	1416000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.9 km ²
Perimeter of catchment	14.9 km
Basin Length	4687.1 m
Form factor	0.49634
Circularity ratio	0.61844
Elongation ratio	0.79469
Highest Stream order	5
Max elevation	747.0 m
Min elevation	634.0 m
Mean bifurcation ratio	7.3342
Stream frequency	73.0020 per km ²
Relief	113.00 m
Drainage density	9.9460 km/km ²
Length of overland flow	50.271 m

CATCHMENT CLIMATOLOGY

