

Arjunwadi Dam

Location	17.3031° N, 74.8275° E
State	Maharashtra
Nearest City	Atpadi
Year of Completion	2002
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.5 m
Dam length	459.0 m
Reservoir Area	588700.0 m ²
Gross storage capacity	2352000.0 m ³
Effective storage capacity	1725000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.0 km ²
Perimeter of catchment	20.6 km
Basin Length	8505.2 m
Form factor	0.23540
Circularity ratio	0.50487
Elongation ratio	0.54728
Highest Stream order	5
Max elevation	836.0 m
Min elevation	635.0 m
Mean bifurcation ratio	2.2187
Stream frequency	77.5180 per km ²
Relief	201.00 m
Drainage density	10.9280 km/km ²
Length of overland flow	45.754 m

CATCHMENT CLIMATOLOGY

