

Arli Dam

Location	17.8647° N, 76.1267° E
State	Maharashtra
Nearest City	Tuljapur
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	771.0 m
Reservoir Area	360000.0 m ²
Gross storage capacity	888000000.0 m ³
Effective storage capacity	815000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	62.2 km ²
Perimeter of catchment	36.9 km
Basin Length	11312.0 m
Form factor	0.48615
Circularity ratio	0.57292
Elongation ratio	0.78650
Highest Stream order	6
Max elevation	639.0 m
Min elevation	511.0 m
Mean bifurcation ratio	2.3966
Stream frequency	73.8170 per km ²
Relief	128.00 m
Drainage density	10.1430 km/km ²
Length of overland flow	49.296 m

CATCHMENT CLIMATOLOGY

