

Julwania Dam

Location	22.0150° N, 75.0603° E
State	Madhya Pradesh
Nearest City	Dhar
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	850.0 m
Reservoir Area	290000.0 m ²
Gross storage capacity	7480000.0 m ³
Effective storage capacity	663000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.3 km ²
Perimeter of catchment	16.1 km
Basin Length	5101.2 m
Form factor	0.54863
Circularity ratio	0.68958
Elongation ratio	0.83550
Highest Stream order	5
Max elevation	234.0 m
Min elevation	164.0 m
Mean bifurcation ratio	2.3263
Stream frequency	77.9590 per km ²
Relief	70.00 m
Drainage density	10.5320 km/km ²
Length of overland flow	47.473 m

CATCHMENT CLIMATOLOGY

