

Virla Dam

Location	22.5000° N, 75.3889° E
State	Madhya Pradesh
Nearest City	Dhar
Year of Completion	1966
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.2 m
Dam length	270.0 m
Reservoir Area	820000.0 m ²
Gross storage capacity	373000.0 m ³
Effective storage capacity	358000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.3 km ²
Perimeter of catchment	7.9 km
Basin Length	2723.7 m
Form factor	0.44799
Circularity ratio	0.66123
Elongation ratio	0.75499
Highest Stream order	4
Max elevation	579.0 m
Min elevation	533.0 m
Mean bifurcation ratio	3.3416
Stream frequency	77.9320 per km ²
Relief	46.00 m
Drainage density	9.9040 km/km ²
Length of overland flow	50.483 m

CATCHMENT CLIMATOLOGY

