

Agar Dam

Location	22.3808° N, 74.7978° E
State	Madhya Pradesh
Nearest City	Kukshi
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	210.0 m
Reservoir Area	321000.0 m ²
Gross storage capacity	1576000.0 m ³
Effective storage capacity	1373650.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.4 km ²
Perimeter of catchment	8.6 km
Basin Length	2828.1 m
Form factor	0.54604
Circularity ratio	0.74673
Elongation ratio	0.83353
Highest Stream order	4
Max elevation	324.0 m
Min elevation	251.0 m
Mean bifurcation ratio	2.6646
Stream frequency	78.5410 per km ²
Relief	73.00 m
Drainage density	10.2590 km/km ²
Length of overland flow	48.737 m

CATCHMENT CLIMATOLOGY

