

Kusmeli Dam

Location	22.9006° N, 77.8133° E
State	Madhya Pradesh
Nearest City	Budhni
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Kusumaili Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	38.7 m
Dam length	975.0 m
Reservoir Area	668000.0 m ²
Gross storage capacity	2300000.0 m ³
Effective storage capacity	2153000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.2 km ²
Perimeter of catchment	11.0 km
Basin Length	4337.2 m
Form factor	0.33139
Circularity ratio	0.64605
Elongation ratio	0.64935
Highest Stream order	5
Max elevation	610.0 m
Min elevation	309.0 m
Mean bifurcation ratio	2.4467
Stream frequency	98.0130 per km ²
Relief	301.00 m
Drainage density	14.7660 km/km ²
Length of overland flow	33.862 m

CATCHMENT CLIMATOLOGY

