

Sultanpur Dam

Location	21.8636° N, 76.0514° E
State	Madhya Pradesh
Nearest City	Bhikangaon
Year of Completion	1988
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Avar Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.1 m
Dam length	632.0 m
Reservoir Area	634000.0 m ²
Gross storage capacity	2312000.0 m ³
Effective storage capacity	2071000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.7 km ²
Perimeter of catchment	9.6 km
Basin Length	3106.5 m
Form factor	0.38816
Circularity ratio	0.51064
Elongation ratio	0.70277
Highest Stream order	4
Max elevation	381.0 m
Min elevation	314.0 m
Mean bifurcation ratio	2.3134
Stream frequency	78.2220 per km ²
Relief	67.00 m
Drainage density	10.3420 km/km ²
Length of overland flow	48.345 m

CATCHMENT CLIMATOLOGY

