

Asawati Dam

Location	24.1772° N, 75.5183° E
State	Madhya Pradesh
Nearest City	Garot
Year of Completion	1988
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	412.5 m
Reservoir Area	342890.0 m ²
Gross storage capacity	1035000.0 m ³
Effective storage capacity	879580.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.0 km ²
Perimeter of catchment	13.4 km
Basin Length	4851.9 m
Form factor	0.29788
Circularity ratio	0.49206
Elongation ratio	0.61564
Highest Stream order	5
Max elevation	481.0 m
Min elevation	433.0 m
Mean bifurcation ratio	2.2632
Stream frequency	78.1470 per km ²
Relief	48.00 m
Drainage density	10.1990 km/km ²
Length of overland flow	49.024 m

CATCHMENT CLIMATOLOGY

