

Amanpura Dam

Location	24.0578° N, 76.4794° E
State	Madhya Pradesh
Nearest City	Sambalpur
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	490.0 m
Reservoir Area	317500.0 m ²
Gross storage capacity	1001000.0 m ³
Effective storage capacity	882000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.7 km ²
Perimeter of catchment	6.6 km
Basin Length	2065.6 m
Form factor	0.63116
Circularity ratio	0.77463
Elongation ratio	0.89615
Highest Stream order	4
Max elevation	436.0 m
Min elevation	402.0 m
Mean bifurcation ratio	2.3601
Stream frequency	79.8370 per km ²
Relief	34.00 m
Drainage density	10.5590 km/km ²
Length of overland flow	47.355 m

CATCHMENT CLIMATOLOGY

