

Momanpura Dam

Location	22.9375° N, 76.3925° E
State	Madhya Pradesh
Nearest City	Sonkach
Year of Completion	1916
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	1470.0 m
Reservoir Area	173000.0 m ²
Gross storage capacity	4230000.0 m ³
Effective storage capacity	4100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.9 km ²
Perimeter of catchment	21.4 km
Basin Length	6695.0 m
Form factor	0.50991
Circularity ratio	0.62660
Elongation ratio	0.80548
Highest Stream order	5
Max elevation	620.0 m
Min elevation	473.0 m
Mean bifurcation ratio	3.3367
Stream frequency	88.0310 per km ²
Relief	147.00 m
Drainage density	12.6410 km/km ²
Length of overland flow	39.553 m

CATCHMENT CLIMATOLOGY

