

Harranbhata Dam

Location	22.3158° N, 79.0817° E
State	Madhya Pradesh
Nearest City	Amarwara
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.6 m
Dam length	255.0 m
Reservoir Area	38890.0 m ²
Gross storage capacity	1740000.0 m ³
Effective storage capacity	1280000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km ²
Perimeter of catchment	6.6 km
Basin Length	2073.0 m
Form factor	0.60168
Circularity ratio	0.75039
Elongation ratio	0.87497
Highest Stream order	4
Max elevation	881.0 m
Min elevation	832.0 m
Mean bifurcation ratio	2.7097
Stream frequency	74.6460 per km ²
Relief	49.00 m
Drainage density	9.8710 km/km ²
Length of overland flow	50.651 m

CATCHMENT CLIMATOLOGY

