

Tawa Dam

Location	22.5617° N, 77.9769° E
State	Madhya Pradesh
Nearest City	Itarsi
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Tawa
Dam Type	Earthfill Embankment
Height above lowest foundation level	57.9 m
Dam length	1944.9 m
Reservoir Area	200550000.0 m ²
Gross storage capacity	2311540000.0 m ³
Effective storage capacity	1943965000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5986.6 km ²
Perimeter of catchment	457.2 km
Basin Length	91918.0 m
Form factor	0.70857
Circularity ratio	0.36002
Elongation ratio	0.94951
Highest Stream order	10
Max elevation	1302.0 m
Min elevation	307.0 m
Mean bifurcation ratio	11.7010
Stream frequency	79.7750 per km ²
Relief	995.00 m
Drainage density	11.2340 km/km ²
Length of overland flow	44.507 m

CATCHMENT CLIMATOLOGY

