

Tigra Dam

Location	26.2225° N, 77.9997° E
State	Madhya Pradesh
Nearest City	Gwalior
Year of Completion	1917
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Sankh
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	15410812.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	418.4 km ²
Perimeter of catchment	119.3 km
Basin Length	37509.0 m
Form factor	0.29736
Circularity ratio	0.36938
Elongation ratio	0.61511
Highest Stream order	7
Max elevation	413.0 m
Min elevation	200.0 m
Mean bifurcation ratio	2.1327
Stream frequency	79.5990 per km ²
Relief	213.00 m
Drainage density	10.8710 km/km ²
Length of overland flow	45.994 m

CATCHMENT CLIMATOLOGY

