

Kanchan Dam

Location	24.1547° N, 82.4531° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Kancham
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	2241561.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	73.8 km ²
Perimeter of catchment	46.5 km
Basin Length	11633.0 m
Form factor	0.54508
Circularity ratio	0.42907
Elongation ratio	0.83279
Highest Stream order	7
Max elevation	487.0 m
Min elevation	333.0 m
Mean bifurcation ratio	3.9892
Stream frequency	76.9760 per km ²
Relief	154.00 m
Drainage density	10.3460 km/km ²
Length of overland flow	48.329 m

CATCHMENT CLIMATOLOGY

