

Sakalda Dam

Location	22.2639° N, 75.3169° E
State	Madhya Pradesh
Nearest City	Manawar
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Chir And Kunj Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.9 m
Dam length	531.0 m
Reservoir Area	256000.0 m ²
Gross storage capacity	15660000.0 m ³
Effective storage capacity	12680000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	95.6 km ²
Perimeter of catchment	51.4 km
Basin Length	16139.0 m
Form factor	0.36695
Circularity ratio	0.45488
Elongation ratio	0.68330
Highest Stream order	7
Max elevation	728.0 m
Min elevation	205.0 m
Mean bifurcation ratio	5.1006
Stream frequency	81.9930 per km ²
Relief	523.00 m
Drainage density	11.6660 km/km ²
Length of overland flow	42.861 m

CATCHMENT CLIMATOLOGY

