

Sikasar Dam

Location	20.5167° N, 82.3167° E
State	Chhattisgarh
Nearest City	Raipur
Year of Completion	1977
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Pairi River
Dam Type	Other
Height above lowest foundation level	31.7 m
Dam length	1540.0 m
Reservoir Area	252400000.0 m ²
Gross storage capacity	216500000.0 m ³
Effective storage capacity	198800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	485.1 km ²
Perimeter of catchment	123.8 km
Basin Length	33889.0 m
Form factor	0.42239
Circularity ratio	0.39791
Elongation ratio	0.73310
Highest Stream order	8
Max elevation	951.0 m
Min elevation	373.0 m
Mean bifurcation ratio	2.9898
Stream frequency	80.3860 per km ²
Relief	578.00 m
Drainage density	11.5020 km/km ²
Length of overland flow	43.469 m

CATCHMENT CLIMATOLOGY

