

Sirsa Dam

Location	26.0450° N, 77.8831° E
State	Madhya Pradesh
Nearest City	Gwalior
Year of Completion	1953
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Koil
Dam Type	Other
Height above lowest foundation level	11.9 m
Dam length	780.0 m
Reservoir Area	278900.0 m ²
Gross storage capacity	7381000.0 m ³
Effective storage capacity	7206000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	43.6 km ²
Perimeter of catchment	37.6 km
Basin Length	14500.0 m
Form factor	0.20718
Circularity ratio	0.38684
Elongation ratio	0.51344
Highest Stream order	5
Max elevation	408.0 m
Min elevation	310.0 m
Mean bifurcation ratio	2.3895
Stream frequency	77.8510 per km ²
Relief	98.00 m
Drainage density	10.2570 km/km ²
Length of overland flow	48.747 m

CATCHMENT CLIMATOLOGY

