

Sirpur Dam

Location	21.0581° N, 80.4508° E
State	Maharashtra
Nearest City	Deori
Year of Completion	1970
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Bagh
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.7 m
Dam length	2948.9 m
Reservoir Area	32970000.0 m ²
Gross storage capacity	171100000.0 m ³
Effective storage capacity	159780000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	297.8 km ²
Perimeter of catchment	80.5 km
Basin Length	25322.0 m
Form factor	0.46434
Circularity ratio	0.57698
Elongation ratio	0.76865
Highest Stream order	7
Max elevation	470.0 m
Min elevation	336.0 m
Mean bifurcation ratio	2.3532
Stream frequency	74.7470 per km ²
Relief	134.00 m
Drainage density	10.3220 km/km ²
Length of overland flow	48.439 m

CATCHMENT CLIMATOLOGY

