

Nirachindli Dam

Location	20.0483° N, 81.5942° E
State	Chhattisgarh
Nearest City	Kondagaon
Year of Completion	1977
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Godavari
River	Patai
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	853.0 m
Reservoir Area	712000.0 m ²
Gross storage capacity	700000.0 m ³
Effective storage capacity	633000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.3 km ²
Perimeter of catchment	11.4 km
Basin Length	4062.5 m
Form factor	0.38089
Circularity ratio	0.60929
Elongation ratio	0.69616
Highest Stream order	5
Max elevation	776.0 m
Min elevation	644.0 m
Mean bifurcation ratio	2.3416
Stream frequency	79.2200 per km ²
Relief	132.00 m
Drainage density	10.9840 km/km ²
Length of overland flow	45.522 m

CATCHMENT CLIMATOLOGY

