

Koilsagar Dam

Location	16.7092° N, 77.7761° E
State	Telangana
Nearest City	Makatal
Year of Completion	1955
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Peddavagu
Dam Type	Other
Height above lowest foundation level	16.0 m
Dam length	1037.0 m
Reservoir Area	1099000.0 m ²
Gross storage capacity	64449000.0 m ³
Effective storage capacity	38214000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1681.2 km ²
Perimeter of catchment	217.2 km
Basin Length	51967.0 m
Form factor	0.62255
Circularity ratio	0.44778
Elongation ratio	0.89001
Highest Stream order	9
Max elevation	703.0 m
Min elevation	390.0 m
Mean bifurcation ratio	2.2514
Stream frequency	72.6270 per km ²
Relief	313.00 m
Drainage density	10.0240 km/km ²
Length of overland flow	49.878 m

CATCHMENT CLIMATOLOGY

