

K.R.Sagara Dam

Location	12.4250° N, 76.5708° E
State	Karnataka
Nearest City	Pandava Pura
Year of Completion	1931
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
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Dam Type	Masonry Gravity
Height above lowest foundation level	42.6 m
Dam length	2621.0 m
Reservoir Area	10619000.0 m ²
Gross storage capacity	1400000000.0 m ³
Effective storage capacity	1275690000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10952.0 km ²
Perimeter of catchment	710.0 km
Basin Length	146860.0 m
Form factor	0.50778
Circularity ratio	0.27309
Elongation ratio	0.80380
Highest Stream order	9
Max elevation	1829.0 m
Min elevation	693.0 m
Mean bifurcation ratio	2.2888
Stream frequency	75.2460 per km ²
Relief	1136.00 m
Drainage density	10.8770 km/km ²
Length of overland flow	45.970 m

CATCHMENT CLIMATOLOGY

