

Chulkinala Dam

Location	17.9417° N, 77.0147° E
State	Karnataka
Nearest City	Basava Kalyan
Year of Completion	1997
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Godavari
River	Chulkinala
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	2340.0 m
Reservoir Area	7380000.0 m ²
Gross storage capacity	26561000.0 m ³
Effective storage capacity	25010000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	240.2 km ²
Perimeter of catchment	74.1 km
Basin Length	22017.0 m
Form factor	0.49541
Circularity ratio	0.54907
Elongation ratio	0.79394
Highest Stream order	7
Max elevation	687.0 m
Min elevation	580.0 m
Mean bifurcation ratio	2.2424
Stream frequency	75.8150 per km ²
Relief	107.00 m
Drainage density	10.7120 km/km ²
Length of overland flow	46.676 m

CATCHMENT CLIMATOLOGY

