

Kanva Dam

Location	12.7236° N, 77.1933° E
State	Karnataka
Nearest City	Channapatna
Year of Completion	1946
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Kanva
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.6 m
Dam length	1422.0 m
Reservoir Area	4370000.0 m ²
Gross storage capacity	23880000.0 m ³
Effective storage capacity	22710000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	364.5 km ²
Perimeter of catchment	97.2 km
Basin Length	30692.0 m
Form factor	0.38697
Circularity ratio	0.48462
Elongation ratio	0.70169
Highest Stream order	7
Max elevation	1006.0 m
Min elevation	680.0 m
Mean bifurcation ratio	2.9769
Stream frequency	75.3330 per km ²
Relief	326.00 m
Drainage density	10.7530 km/km ²
Length of overland flow	46.497 m

CATCHMENT CLIMATOLOGY

