

Kakarvani Project Dam

Location	17.1514° N, 77.7433° E
State	Telangana
Nearest City	Kodangal
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	2378.0 m
Reservoir Area	1833282.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.9 km ²
Perimeter of catchment	29.1 km
Basin Length	10845.0 m
Form factor	0.27946
Circularity ratio	0.48908
Elongation ratio	0.59630
Highest Stream order	5
Max elevation	603.0 m
Min elevation	486.0 m
Mean bifurcation ratio	2.1454
Stream frequency	71.5280 per km ²
Relief	117.00 m
Drainage density	9.7210 km/km ²
Length of overland flow	51.436 m

CATCHMENT CLIMATOLOGY

