

Dharakalava Reservoir Dam

Location	17.3392° N, 82.2367° E
State	Andhra Pradesh
Nearest City	Kakinada
Year of Completion	2004
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Hill Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.1 m
Dam length	250.0 m
Reservoir Area	433000.0 m ²
Gross storage capacity	2463000.0 m ³
Effective storage capacity	2143000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	33.0 km ²
Perimeter of catchment	26.6 km
Basin Length	9702.5 m
Form factor	0.35102
Circularity ratio	0.58522
Elongation ratio	0.66831
Highest Stream order	6
Max elevation	639.0 m
Min elevation	103.0 m
Mean bifurcation ratio	3.2215
Stream frequency	87.4270 per km ²
Relief	536.00 m
Drainage density	13.0470 km/km ²
Length of overland flow	38.322 m

CATCHMENT CLIMATOLOGY

