

Royanpalli Dam

Location	18.0831° N, 78.3511° E
State	Telangana
Nearest City	Medak
Year of Completion	1926
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Pushpalavagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	1280.0 m
Reservoir Area	881000.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	94.7 km ²
Perimeter of catchment	49.8 km
Basin Length	13564.0 m
Form factor	0.51494
Circularity ratio	0.47941
Elongation ratio	0.80945
Highest Stream order	7
Max elevation	658.0 m
Min elevation	486.0 m
Mean bifurcation ratio	3.8349
Stream frequency	73.0120 per km ²
Relief	172.00 m
Drainage density	10.0580 km/km ²
Length of overland flow	49.712 m

CATCHMENT CLIMATOLOGY

