

## Pedda Vagu Dam

Location	18.3992° N, 79.1306° E
State	Telangana
Nearest City	Karimnagar
Year of Completion	1985
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Manair
Dam Type	Other
Height above lowest foundation level	26.8 m
Dam length	10100.0 m
Reservoir Area	81000000.0 m <sup>2</sup>
Gross storage capacity	680137000.0 m <sup>3</sup>
Effective storage capacity	621000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6663.4 km <sup>2</sup>
Perimeter of catchment	409.1 km
Basin Length	101140.0 m
Form factor	0.65143
Circularity ratio	0.50060
Elongation ratio	0.91042
Highest Stream order	9
Max elevation	658.0 m
Min elevation	252.0 m
Mean bifurcation ratio	2.1751
Stream frequency	71.7610 per km <sup>2</sup>
Relief	406.00 m
Drainage density	9.8210 km/km <sup>2</sup>
Length of overland flow	50.914 m

## CATCHMENT CLIMATOLOGY

