

Pedda Vagu Dam

Location	17.4261° N, 81.1617° E
State	Telangana
Nearest City	Sirpur
Year of Completion	1981
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Pedda Vagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.0 m
Dam length	2505.0 m
Reservoir Area	3979000.0 m ²
Gross storage capacity	16000000.0 m ³
Effective storage capacity	11712000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	282.8 km ²
Perimeter of catchment	94.1 km
Basin Length	19551.0 m
Form factor	0.73984
Circularity ratio	0.40132
Elongation ratio	0.97024
Highest Stream order	8
Max elevation	548.0 m
Min elevation	68.0 m
Mean bifurcation ratio	2.5509
Stream frequency	74.6740 per km ²
Relief	480.00 m
Drainage density	10.4220 km/km ²
Length of overland flow	47.976 m

CATCHMENT CLIMATOLOGY

