

Bhupathi Palam Reservoir Dam

Location	17.4475° N, 81.7656° E
State	Andhra Pradesh
Nearest City	Rampachodavaram
Year of Completion	2011
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Godavari
River	Seethapalli Vagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	34.5 m
Dam length	748.0 m
Reservoir Area	3588000000.0 m ²
Gross storage capacity	18264366.0 m ³
Effective storage capacity	11468322.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	262.3 km ²
Perimeter of catchment	87.2 km
Basin Length	24629.0 m
Form factor	0.43242
Circularity ratio	0.43347
Elongation ratio	0.74176
Highest Stream order	7
Max elevation	1003.0 m
Min elevation	173.0 m
Mean bifurcation ratio	2.2464
Stream frequency	83.9180 per km ²
Relief	830.00 m
Drainage density	12.5200 km/km ²
Length of overland flow	39.935 m

CATCHMENT CLIMATOLOGY

