

Jalaput Dam (S.H.E.S) Dam

Location	18.4525° N, 82.5475° E
State	Andhra Pradesh
Nearest City	Visakhapatnam
Year of Completion	1955
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Godavari
River	Machkund
Dam Type	Other
Height above lowest foundation level	60.7 m
Dam length	419.0 m
Reservoir Area	97120000.0 m ²
Gross storage capacity	970400000.0 m ³
Effective storage capacity	892460000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1967.9 km ²
Perimeter of catchment	267.8 km
Basin Length	62558.0 m
Form factor	0.50285
Circularity ratio	0.34501
Elongation ratio	0.79989
Highest Stream order	9
Max elevation	1638.0 m
Min elevation	816.0 m
Mean bifurcation ratio	5.4138
Stream frequency	85.5760 per km ²
Relief	822.00 m
Drainage density	12.9230 km/km ²
Length of overland flow	38.689 m

CATCHMENT CLIMATOLOGY

