

## Prakasam Barrage Dam

Location	16.5106° N, 80.6044° E
State	Andhra Pradesh
Nearest City	Vijayawada
Year of Completion	1957
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Krishna
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Dam Type	Other
Height above lowest foundation level	22.3 m
Dam length	1233.0 m
Reservoir Area	30000000.0 m <sup>2</sup>
Gross storage capacity	86961036.0 m <sup>3</sup>
Effective storage capacity	86961036.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	257113.0 km <sup>2</sup>
Perimeter of catchment	3968.1 km
Basin Length	808155.5 m
Form factor	0.44246
Circularity ratio	0.22205
Elongation ratio	0.75032
Highest Stream order	12
Max elevation	1869.0 m
Min elevation	-9.0 m
Mean bifurcation ratio	2.1595
Stream frequency	74.1170 per km <sup>2</sup>
Relief	1878.00 m
Drainage density	10.9800 km/km <sup>2</sup>
Length of overland flow	45.537 m

## CATCHMENT CLIMATOLOGY

