

Kukurpeta Dam

Location	21.0389° N, 84.8941° E
State	Odisha
Nearest City	Angul
Year of Completion	1975
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Kukurpeta
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.2 m
Dam length	1219.2 m
Reservoir Area	391000.0 m ²
Gross storage capacity	1370000.0 m ³
Effective storage capacity	1100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.5 km ²
Perimeter of catchment	32.5 km
Basin Length	12488.0 m
Form factor	0.15726
Circularity ratio	0.29108
Elongation ratio	0.44732
Highest Stream order	6
Max elevation	529.0 m
Min elevation	155.0 m
Mean bifurcation ratio	5.7758
Stream frequency	76.1310 per km ²
Relief	374.00 m
Drainage density	10.6100 km/km ²
Length of overland flow	47.124 m

CATCHMENT CLIMATOLOGY

