

Kans Dam

Location	23.2286° N, 84.8353° E
State	Jharkhand
Nearest City	Gumla
Year of Completion	Not Available
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Brahmani
River	Kans
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.7 m
Dam length	1798.8 m
Reservoir Area	10000.0 m ²
Gross storage capacity	26000000.0 m ³
Effective storage capacity	21000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	61.0 km ²
Perimeter of catchment	37.3 km
Basin Length	12891.0 m
Form factor	0.36691
Circularity ratio	0.54960
Elongation ratio	0.68326
Highest Stream order	6
Max elevation	787.0 m
Min elevation	626.0 m
Mean bifurcation ratio	2.6389
Stream frequency	75.8230 per km ²
Relief	161.00 m
Drainage density	10.0990 km/km ²
Length of overland flow	49.510 m

CATCHMENT CLIMATOLOGY

