

Chauli Dam

Location	24.2458° N, 76.0928° E
State	Rajasthan
Nearest City	Pirawa
Year of Completion	2006
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Chauli
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.3 m
Dam length	2075.0 m
Reservoir Area	12270000.0 m ²
Gross storage capacity	53500000.0 m ³
Effective storage capacity	48220000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	238.7 km ²
Perimeter of catchment	74.1 km
Basin Length	23923.0 m
Form factor	0.41701
Circularity ratio	0.54707
Elongation ratio	0.72842
Highest Stream order	7
Max elevation	459.0 m
Min elevation	339.0 m
Mean bifurcation ratio	2.2163
Stream frequency	73.1080 per km ²
Relief	120.00 m
Drainage density	9.6360 km/km ²
Length of overland flow	51.887 m

CATCHMENT CLIMATOLOGY

