

Chatra Kunta Dam

Location	23.2167° N, 74.3139° E
State	Rajasthan
Nearest City	Kushalgarh
Year of Completion	1985
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Local Nallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	448.0 m
Reservoir Area	26540.0 m ²
Gross storage capacity	1138000.0 m ³
Effective storage capacity	1060000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km ²
Perimeter of catchment	6.1 km
Basin Length	1624.9 m
Form factor	0.79745
Circularity ratio	0.71126
Elongation ratio	1.00730
Highest Stream order	4
Max elevation	341.0 m
Min elevation	267.0 m
Mean bifurcation ratio	2.6103
Stream frequency	87.8680 per km ²
Relief	74.00 m
Drainage density	11.2750 km/km ²
Length of overland flow	44.346 m

CATCHMENT CLIMATOLOGY

