

Matrikundiya Dam

Location	25.0372° N, 74.3147° E
State	Rajasthan
Nearest City	Rashmi
Year of Completion	1991
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Banas
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	14200000.0 m ²
Gross storage capacity	50670000.0 m ³
Effective storage capacity	49970000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3421.3 km ²
Perimeter of catchment	359.3 km
Basin Length	105390.0 m
Form factor	0.30801
Circularity ratio	0.33319
Elongation ratio	0.62603
Highest Stream order	9
Max elevation	1267.0 m
Min elevation	440.0 m
Mean bifurcation ratio	2.6117
Stream frequency	74.5780 per km ²
Relief	827.00 m
Drainage density	9.8630 km/km ²
Length of overland flow	50.696 m

CATCHMENT CLIMATOLOGY

