

Ranapratap Sager Dam

Location	24.9169° N, 75.5814° E
State	Rajasthan
Nearest City	Begun
Year of Completion	1970
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Chambal
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	198260000.0 m ²
Gross storage capacity	2898690000.0 m ³
Effective storage capacity	1566530000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25000.0 km ²
Perimeter of catchment	1090.8 km
Basin Length	298050.0 m
Form factor	0.28142
Circularity ratio	0.26408
Elongation ratio	0.59840
Highest Stream order	10
Max elevation	823.0 m
Min elevation	304.0 m
Mean bifurcation ratio	2.3647
Stream frequency	73.7430 per km ²
Relief	519.00 m
Drainage density	9.8290 km/km ²
Length of overland flow	50.872 m

CATCHMENT CLIMATOLOGY

