

Daya Dam

Location	24.3314° N, 73.8100° E
State	Rajasthan
Nearest City	Sarada
Year of Completion	1982
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Daya
Dam Type	Earthfill Embankment
Height above lowest foundation level	31.2 m
Dam length	1130.0 m
Reservoir Area	1570000.0 m ²
Gross storage capacity	12400000.0 m ³
Effective storage capacity	11200000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	99.9 km ²
Perimeter of catchment	68.6 km
Basin Length	27303.0 m
Form factor	0.13400
Circularity ratio	0.26690
Elongation ratio	0.41292
Highest Stream order	6
Max elevation	838.0 m
Min elevation	317.0 m
Mean bifurcation ratio	4.4310
Stream frequency	76.6830 per km ²
Relief	521.00 m
Drainage density	10.2820 km/km ²
Length of overland flow	48.628 m

CATCHMENT CLIMATOLOGY

