

Jawai Dam

Location	25.0986° N, 73.1497° E
State	Rajasthan
Nearest City	Bali
Year of Completion	1957
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Jawai
Dam Type	Masonry Gravity
Height above lowest foundation level	20.7 m
Dam length	924.0 m
Reservoir Area	25900000.0 m ²
Gross storage capacity	207410000.0 m ³
Effective storage capacity	184200000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	720.0 km ²
Perimeter of catchment	159.0 km
Basin Length	43728.0 m
Form factor	0.37656
Circularity ratio	0.35802
Elongation ratio	0.69219
Highest Stream order	8
Max elevation	1104.0 m
Min elevation	275.0 m
Mean bifurcation ratio	2.2000
Stream frequency	77.9740 per km ²
Relief	829.00 m
Drainage density	10.5580 km/km ²
Length of overland flow	47.357 m

CATCHMENT CLIMATOLOGY

