

Wagon Dam

Location	24.4947° N, 74.4078° E
State	Rajasthan
Nearest City	Dungla
Year of Completion	1984
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Wagon
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	9600000.0 m ²
Gross storage capacity	40650000.0 m ³
Effective storage capacity	37580000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	161.6 km ²
Perimeter of catchment	67.5 km
Basin Length	18133.0 m
Form factor	0.49158
Circularity ratio	0.44659
Elongation ratio	0.79088
Highest Stream order	7
Max elevation	496.0 m
Min elevation	443.0 m
Mean bifurcation ratio	2.5371
Stream frequency	69.0570 per km ²
Relief	53.00 m
Drainage density	8.6760 km/km ²
Length of overland flow	57.629 m

CATCHMENT CLIMATOLOGY

