

West Banas Dam

Location	24.6925° N, 72.9306° E
State	Rajasthan
Nearest City	Abu Road
Year of Completion	1962
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	West Banas
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.9 m
Dam length	4557.8 m
Reservoir Area	9410000.0 m ²
Gross storage capacity	39070000.0 m ³
Effective storage capacity	36250000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	503.5 km ²
Perimeter of catchment	116.1 km
Basin Length	29627.0 m
Form factor	0.57361
Circularity ratio	0.46939
Elongation ratio	0.85431
Highest Stream order	8
Max elevation	1038.0 m
Min elevation	316.0 m
Mean bifurcation ratio	2.3211
Stream frequency	76.0820 per km ²
Relief	722.00 m
Drainage density	10.1730 km/km ²
Length of overland flow	49.152 m

CATCHMENT CLIMATOLOGY

