

Sindroo Dam

Location	25.2578° N, 73.1542° E
State	Rajasthan
Nearest City	Bali
Year of Completion	1977
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Amlabala
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.0 m
Dam length	1836.0 m
Reservoir Area	3230000.0 m ²
Gross storage capacity	8460000.0 m ³
Effective storage capacity	6700000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	58.6 km ²
Perimeter of catchment	37.4 km
Basin Length	10524.0 m
Form factor	0.52875
Circularity ratio	0.52597
Elongation ratio	0.82023
Highest Stream order	6
Max elevation	454.0 m
Min elevation	256.0 m
Mean bifurcation ratio	2.7343
Stream frequency	74.8330 per km ²
Relief	198.00 m
Drainage density	9.7810 km/km ²
Length of overland flow	51.122 m

CATCHMENT CLIMATOLOGY

