

Sordi Dam

Location	17.0528° N, 75.3717° E
State	Maharashtra
Nearest City	Jath
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Savalodha
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.1 m
Dam length	620.0 m
Reservoir Area	712000.0 m ²
Gross storage capacity	4410000.0 m ³
Effective storage capacity	3750000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	69.8 km ²
Perimeter of catchment	44.3 km
Basin Length	14617.0 m
Form factor	0.32679
Circularity ratio	0.44709
Elongation ratio	0.64483
Highest Stream order	6
Max elevation	723.0 m
Min elevation	594.0 m
Mean bifurcation ratio	2.4799
Stream frequency	71.8980 per km ²
Relief	129.00 m
Drainage density	9.7720 km/km ²
Length of overland flow	51.165 m

CATCHMENT CLIMATOLOGY

