

## Kalisindh Dam Phase-I Dam

Location	24.4815° N, 76.2242° E
State	Rajasthan
Nearest City	Jhalawar
Year of Completion	2017
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Kalisindh
Dam Type	Concrete Gravity or RCC
Height above lowest foundation level	30.5 m
Dam length	955.0 m
Reservoir Area	18340000.0 m <sup>2</sup>
Gross storage capacity	5437000000.0 m <sup>3</sup>
Effective storage capacity	5395000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7691.8 km <sup>2</sup>
Perimeter of catchment	656.1 km
Basin Length	229780.0 m
Form factor	0.14569
Circularity ratio	0.22460
Elongation ratio	0.43054
Highest Stream order	9
Max elevation	733.0 m
Min elevation	291.0 m
Mean bifurcation ratio	2.2762
Stream frequency	74.4750 per km <sup>2</sup>
Relief	442.00 m
Drainage density	9.9950 km/km <sup>2</sup>
Length of overland flow	50.024 m

## CATCHMENT CLIMATOLOGY

