

## Aji li Dam

Location	22.3794° N, 70.7656° E
State	Gujarat
Nearest City	Rajkot
Year of Completion	1988
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Aji
Dam Type	Other
Height above lowest foundation level	20.5 m
Dam length	1077.0 m
Reservoir Area	5700000.0 m <sup>2</sup>
Gross storage capacity	22090000.0 m <sup>3</sup>
Effective storage capacity	20600000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	452.1 km <sup>2</sup>
Perimeter of catchment	101.8 km
Basin Length	36123.0 m
Form factor	0.34644
Circularity ratio	0.54873
Elongation ratio	0.66393
Highest Stream order	8
Max elevation	245.0 m
Min elevation	91.0 m
Mean bifurcation ratio	2.3465
Stream frequency	70.9620 per km <sup>2</sup>
Relief	154.00 m
Drainage density	9.3630 km/km <sup>2</sup>
Length of overland flow	53.404 m

## CATCHMENT CLIMATOLOGY

