

Aji Iii Dam

Location	22.5161° N, 70.5742° E
State	Gujarat
Nearest City	Padadhari
Year of Completion	1989
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Aji
Dam Type	Other
Height above lowest foundation level	24.0 m
Dam length	6708.0 m
Reservoir Area	14390000.0 m ²
Gross storage capacity	65150000.0 m ³
Effective storage capacity	60900000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1390.6 km ²
Perimeter of catchment	180.3 km
Basin Length	62593.0 m
Form factor	0.35494
Circularity ratio	0.53749
Elongation ratio	0.67203
Highest Stream order	9
Max elevation	245.0 m
Min elevation	37.0 m
Mean bifurcation ratio	3.5353
Stream frequency	69.3040 per km ²
Relief	208.00 m
Drainage density	8.9900 km/km ²
Length of overland flow	55.616 m

CATCHMENT CLIMATOLOGY

