

Gozenyama Dam complete view picture

Kawata-kun, this is Gozenyama Dam, isn't it?

Yes, Aika-chan. This dam reserves water for irrigation. It's so-called the piggy bank of water.

The bird of Gozenyama Village [Kingfisher Bird]

Labels on map: Natural Monument [Oenoki], Mt.Sanno, Sannozan Natural park, Sosen Temple, Nagakura, Shikisaikan Hot-spring Resort Center, Gozenyama Village Office, Nakagawaen Irrigation Project Office, Gozenyama Branch Office, Kadoi, The Ogawa River, Noguchitaira, Jyumyo Temple, Karasuyama-Gozenyama, Public hostel Gozenyama-so, Nakagawa Bridge, Mt.Gozen, Aikawa Mt.Idono mineral spring, Kamiisehata, The Nakagawa River, Route 123, Aikawa Bridge, The Hiyama River, The Ai River, Hiyama, Shimoisehata-Masui Line, Kasama-Ogawa Line, Akazawa-Motegi Line, Gozenyama Bridge, Kanai, Noguchi, Shimoisehata, Kadoi, Noda, Akita, Nakai, The Naka River, Route 123, The Pacific, Mito City, Tochigi Prefecture, Ibaraki Prefecture, Saitama Prefecture, Chiba Prefecture.

Kingfisher Bird "Aika-chan"

Kingfisher Bird "Kawata-kun"

NAKAGAWAENGAN IRRIGATION PROJECT

OUTLINE OF GOZENYAMA DAM

(Prospective picture of Gozenyama Dam)

“Agriculture with irrigation Make lively village !”

A.I.R.D

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Outline of Gozenyama Dam

Gozenyama Dam is constructed on the Aikawa river, a tributary of the Nakagawa river. in Gozenyama village. This Dam is composed of rock and soil, so called rock fill type dam.

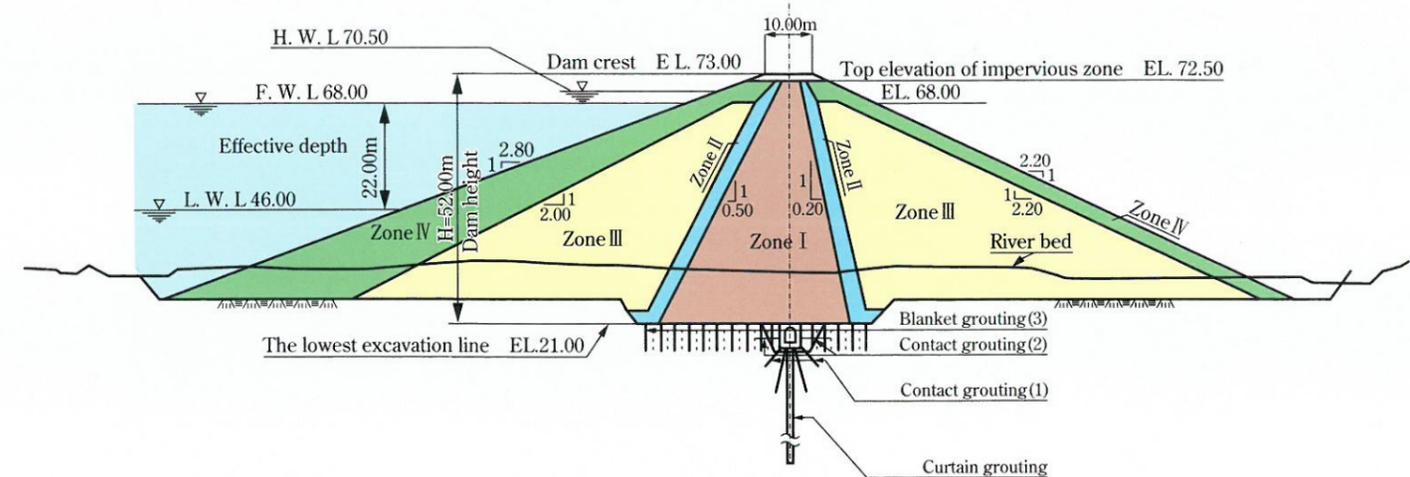
The purpose of constructing Gozenyama Dam is to stabilize water supply to **8,617ha** of farmland (upland fields; **1,930ha** , paddy fields; **6,687ha**) .

With this project, difficulty of water shortage is solved. And stable irrigation enable yield increase, improvement of crop quality and scheduled farming etc. This project is indispensable for progress of agriculture in this area, and also contribute to stable food supply in Japan.

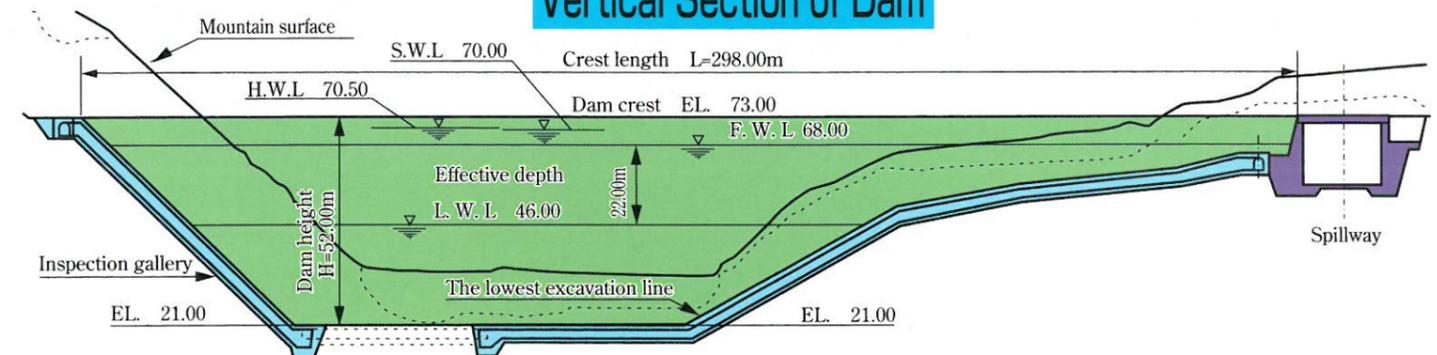
Specification of Gozenyama Dam

Location :	Kawahata,Shimoisehata,Gozenyama-Village, Higashiibaraki-County,Ibaraki-Prefecture,Japan
Type :	Rock fill type dam
Catchment area :	23.3km ²
Dam Height :	52m
Crest Length :	298m
Embankment Volume :	935,000m³
Total reservoir capacity :	7,200,000m ³
Effective capacity :	6,500,000m ³
Spillway :	Side channel-free overflow Type (design discharge 850m ³ /s)
Energy dissipator :	Roller bucket type
Outlet :	Multigate type inclined pipe

Standard Cross Section of Dam



Vertical Section of Dam



Plan

