

# 4 IRRIGATION WATER SUPPLY

Irrigation water was supplied to approximately 9,600 ha of farmland in the left bank of the Iwaki River.



Approximately 46,000 tons of rice could be produced.



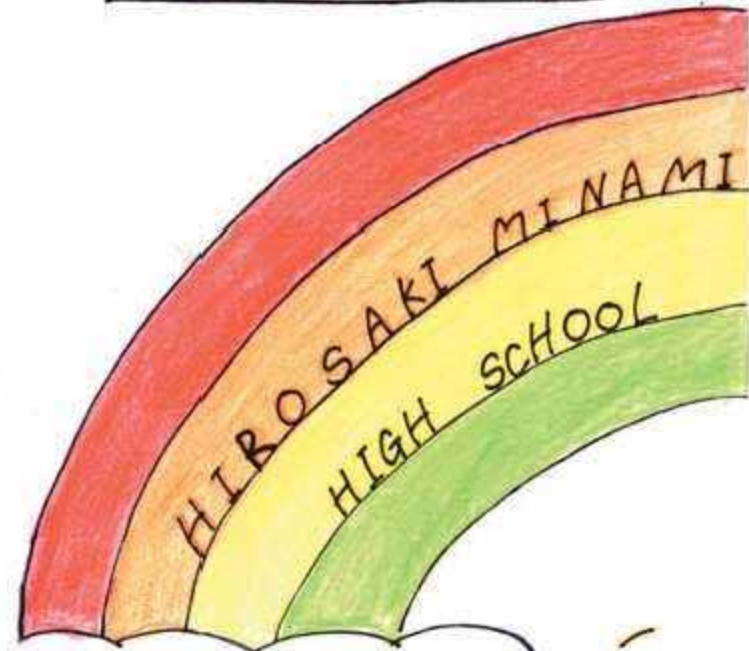
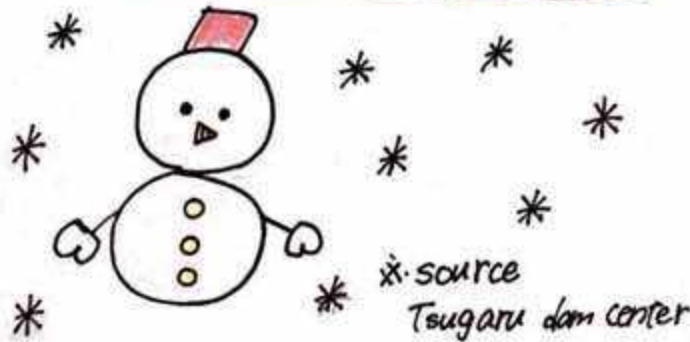
What is irrigation water?

To draw water from rivers, groundwater, lakes, etc., and to artificially supply and drain fields and grow agricultural products.

# - CONSIDERATION -

- o Dams play a major role in fields such as electricity, water, and irrigation that are essential to our lives.
- o It also plays a role in managing important information to ensure the safety of residents during floods.

What we can do is to try to save water every day and check the hazard map so that we can cope with water shortages in the event of an emergency.



14HR GROUP 10

2018 Tsugaru dam  
2019 Tsugaru dam  
2020 Tsugaru dam  
2021 Tsugaru dam

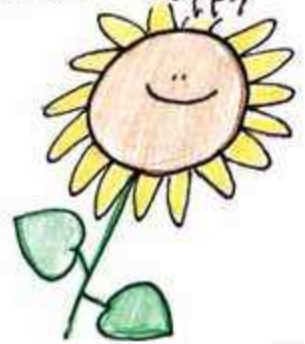


# ABOUT TSUGARU DAM-

## PURPOSE

We wanted to know more about the four roles of dams.

- 1 Mitigation of flood damage
- 2 Hydropower
- 3 Supply of tap water
- 4 Irrigation water supply



# 1 MITIGATION OF FLOOD OCCURANCES

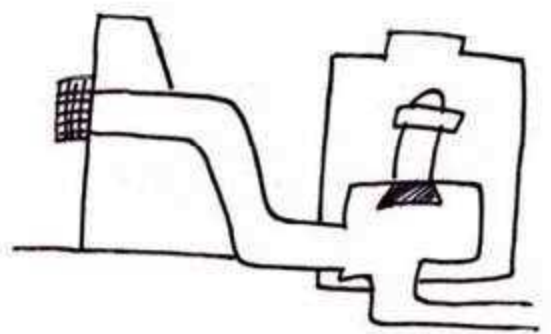
The Tsugaru Dam can be operated in cooperation with the Aseishi Dam to further improve the safety of the downstream river.

## OVERALL MANAGEMENT SYSTEM



By connecting these four pieces of information between the two dams. It becomes possible to understand various aspects such as the safety of residents and the prediction of damage.

# 2 HYDROPOWER



When water flows from the dam to the river, power is generated by dropping the water from a high position and rotating the water wheel.

# 3 SUPPLY OF TAP WATER

A new 14,000m<sup>3</sup>/d of water was supplied to Hirosaki.

Amount that can be used by about 47,000 people a day

