

2. Transparency



Photo by the Goyosuiato Gaien Aigo Survey Group



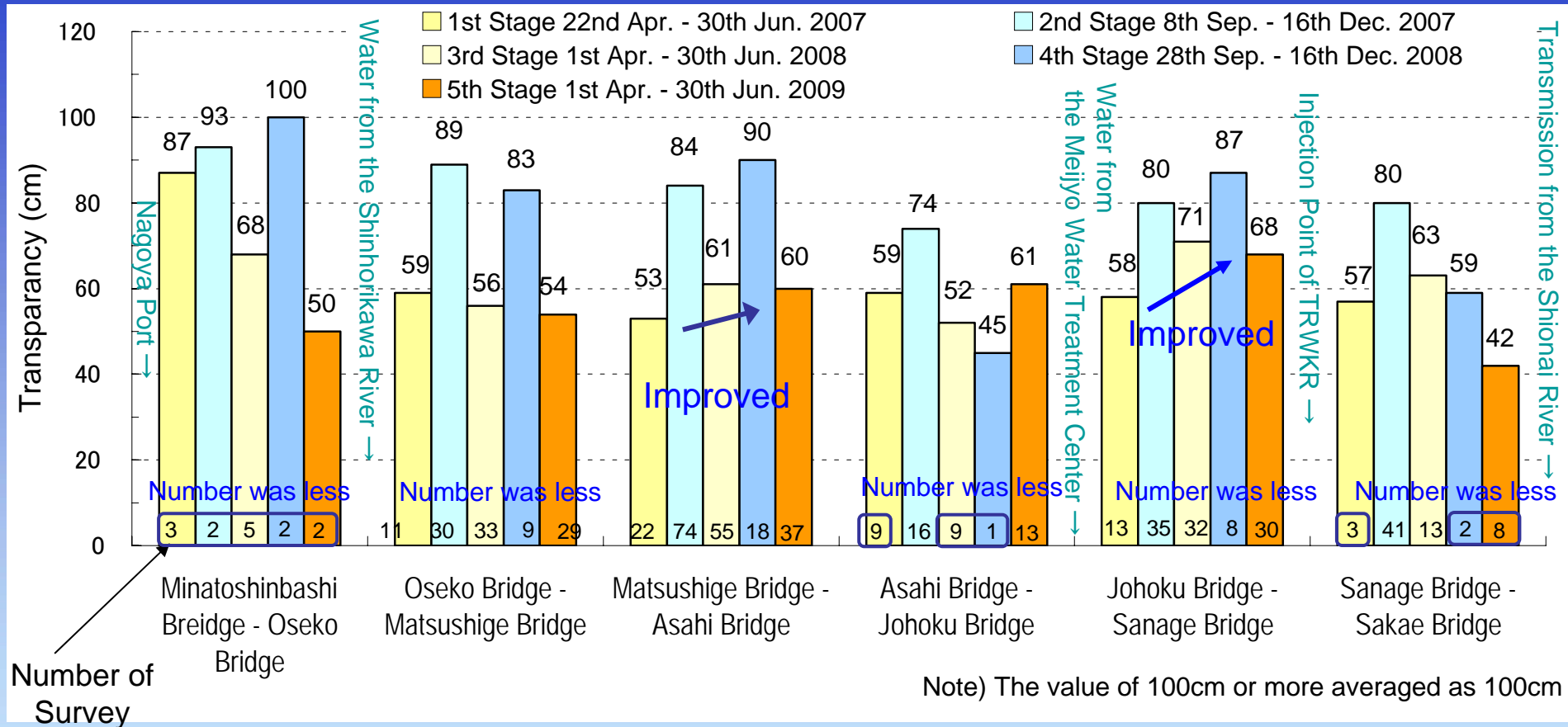
Photo by the Shinko Survey Group



2.1. Change of Transparency

Average in every stage

(With TRWKR, No Rain)



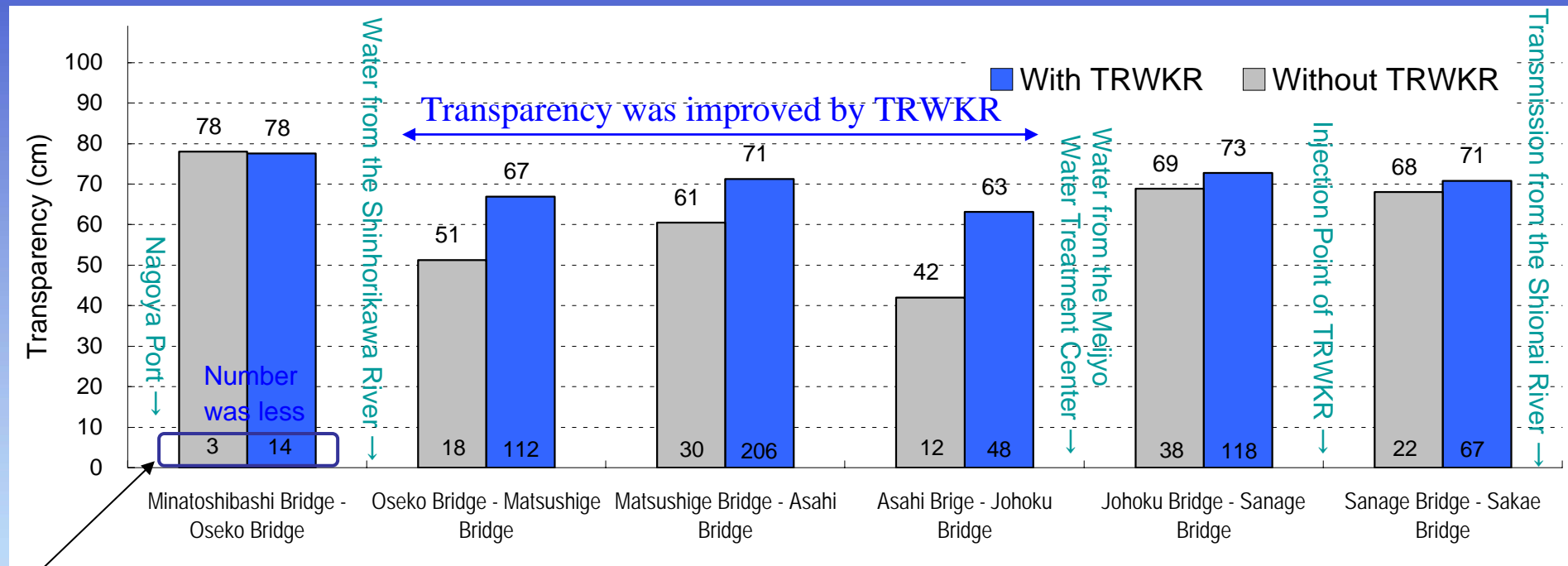
- The average of transparency between the Sanage bridge and the Matsushige Bridge in the 5th stage became better than the 1st stage.
 - Transparency between the Sanage bridge and the Matsushige Bridge in the 5th was 68cm, and it became worse in the lower area.
- Transparency in lower of the Sanage bridge was 50-70cm in 1st, 3rd, 5th stage (spring - early summer), and it was over 70cm in 2nd and 4th stage (autumn - winter).



2.2. Effect of the Transmission of Raw Water from the Kiso River (TRWKR)

1st Stage - 5th Stage

(No Rain)



Number of Survey

Note) The value of 100cm or more averaged as 100cm

Transparency between the Johoku Bridge and the Oseko bridge was improved by TRWKR



Column - Transparency -

The 1st graph shows change of transparency in every stage, and every stage. (ref. 2.1)
It was found that the average of transparency between the Sanage bridge and the Matsushige Bridge in the 5th stage became better than the 1st stage, and transparency from spring to early summer was worse than from autumn to winter.

The trend of transparency is similar to color's one. Impression of clearness of the Horikawa River by people was backed by data of transparency.

The 2nd graph shows difference of transparency with TRWKR and without it. (ref. 2.2)
Transparency between the Johoku Bridge and the Oseko bridge with TRWKR was better than that without it. But effect of TRWKR between the Sanage Bridge and the Johoku bridge was not clear because transparency of upper stream was 70cm and the water quality have been good before it.

