

STATION	LOCATION	REMARKS
01	GRATHON TUNNEL	CRISTALINE WATER, EVIDENCE OF AQUATIC LIFE. AT THE POINT WHERE THE TUNNEL DISCHARGES TO RIMAC RIVER (KM 97 CENTRAL HIGHWAY) WATER QUALITY IS GOOD.
02	TAMBORAQUE III BRIDGE	CRISTALINE WATER FROM RIMAC RIVER, EVIDENCE OF AQUATIC LIFE. THERE IS VEGETATION ON BOTH RIVERBANKS BEFORE REACHING TAMBORAQUE MINING COMPLEX.
03	MINING EFFLUENTS	EFFLUENTS FROM MINING COMPLEX CONCENTRATION PLANT. EFFLUENTS IS DRIVEN 2 METERS WHEN IT GOES OUT. GRAYISH-COLORED.
04	TAMBORAQUE II BRIDGE	WATER FROM RIMAC RIVER IS CLEAR, AQUATIC LIFE IS RATHER SCARCE. THE WASHINGS YARD OF TAMBORAQUE MINING COMPLEX IS LOCATED DOWNSTREAM, ON THE LEFT RIVERBANK.
05	AURURI RIVER	ACID-CONTAINING WATER FROM MINES THAT HAVE BEEN ABANDONED AND ARE BEING EXPLOITED. ON THE RIGHT RIVERBANK, IN THE JUNCTION WITH RIMAC RIVER IS LOCATED THE WASHINGS YARD OF TAMBORAQUE MINING COMPLEX.
06	TAMBORAQUE INTAKE	DOWNSTREAM FROM THE JUNCTION OF ARURI AND RIMAC RIVERS, CLEAR WATER THAT IS CONVEYED BY THE TUNNEL TO CALLAHUANCA HYDROPOWER PLANT.

STATION	LOCATION	REMARKS
07	SURCO BRIDGE	CROSSING OF BRIDGE ON RIMAC RIVER, CLEAR WATER, EVIDENCE OF AQUATIC LIFE. LITTLE AMOUNT OF WATER.
08	CORCONA	DOWNSTREAM FROM PERUBAR CONCENTRATION PLANT, AT KM. 50 OF THE CENTRAL HIGHWAY.
09	RICARDO PALMA BRIDGE	CROSSING OF BRIDGE ON RIMAC RIVER, CLEAR WATER. DOMESTIC SEWAGE PIPES CAN BE OBSERVED ON BOTH RIVERBANKS.
10	SANTA EULALIA RIVER	BRIDGE CROSSING, CLEAR WATER, EVIDENCE OF AQUATIC LIFE. REINFORCEMENT WORKS OF BOTH RIVERBANKS WITH RIPRAP ARE OBSERVED.
11	LOS ANGELES BRIDGE	BRIDGE CROSSING WITH RIMAC RIVER, FORMATION OF POOLS USED BY PEOPLE FOR SWIMMING AND WASHING THEIR CLOTHES. SOLID WASTE (GARBAGE) IS OBSERVED ON BOTH RIVERBEDS.
12	ÑAÑA BRIDGE	BRIDGE CROSSING IN THE TOWN OF ÑAÑA, CLEAR WATER, ADEQUATE VOLUME OF FLOW FOR POTABILIZATION IN LA ATARJEJA.
13	HUACHIPA BRIDGE	BRIDGE CROSSING WITH RIMAC RIVER, CLEAR WATER AREA USED FOR SWIMMING AND WASHING CLOTHES. DOWNSTREAM FROM THE BRIDGE, SOLID WASTE CAN BE NOTED ON BOTH RIVERBANKS.
14	LA ATARJEJA INTAKE	DURING DROUGHT SEASONS, THERE IS NO OVERFLOW FROM THE INTAKE. DOWNSTREAM FROM THE INTAKE, WASTEWATER IS DISCHARGED. GROUND WATER EMERGES TO THE RIVER BED.

LEGEND

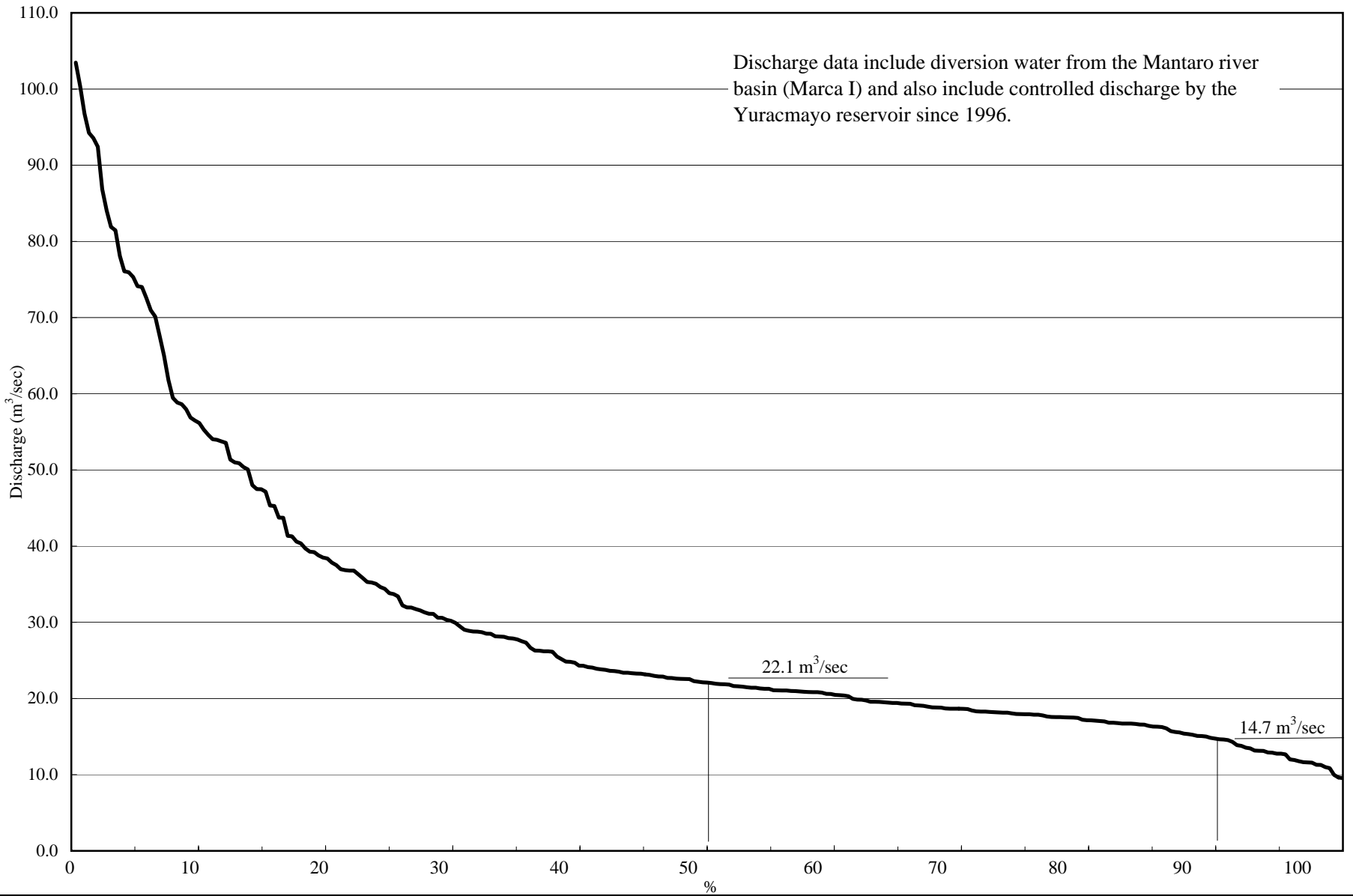
SAMPLING STATION

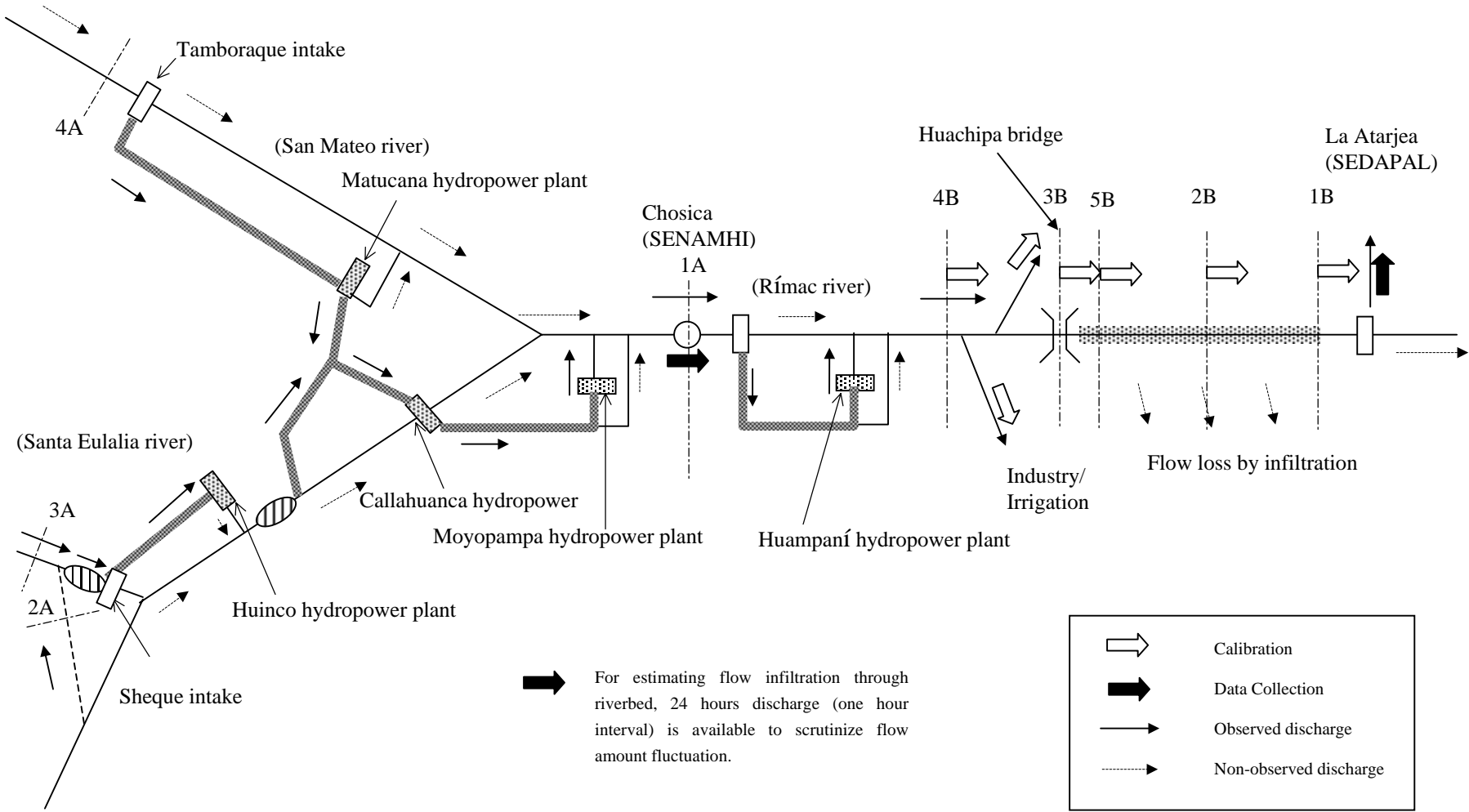
0 5 10 25 Km

SUPPLEMENTAL INVESTIGATION
OF
THE STUDY ON INTEGRATED WATER RESOURCES DEVELOPMENT
IN THE CAÑETE RIVER BASIN IN THE REPUBLIC OF PERU
THE JAPAN INTERNATIONAL COOPERATION AGENCY

Figure 2.4.1
Location of Sampling Stations 1993-1996

Figure 3.1.1
Duration Curve of Rimac River (Chosica,
SENAMHI) Monthly average 1973-1997





	Calibration
	Data Collection
	Observed discharge
	Non-observed discharge

	Intake
	Hydropower plant
	Regulating pond

Figure 3.2.1
 Schematic Diagram on Water Conveyance Route
 in Rímac River Basin

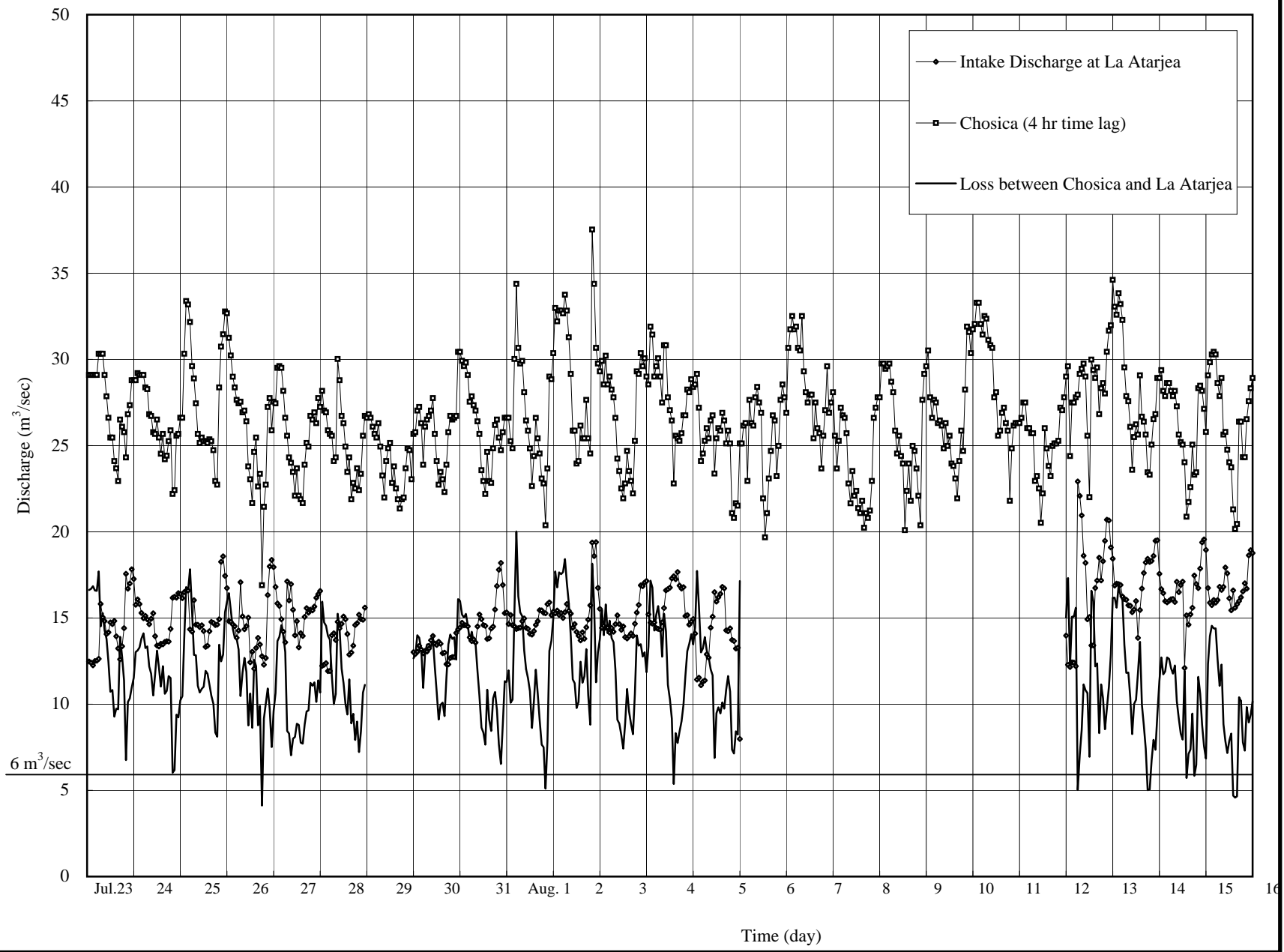


Figure 3.2.2
River Discharge at Chosica and La Atarjea (2/2)

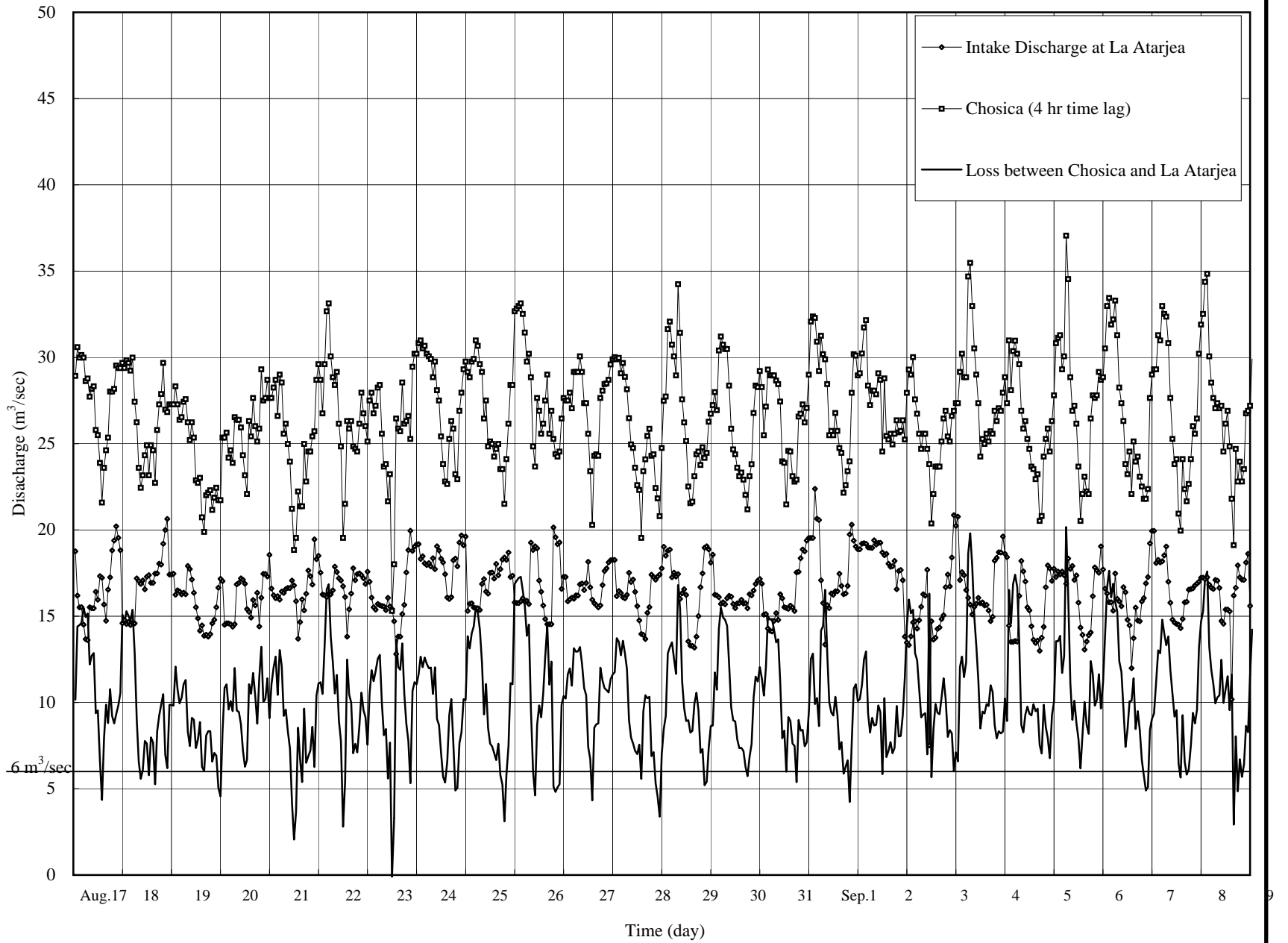


Figure 3.2.3
Average Monthly Discharge Data Observed
at Chosica (SENAMHI and EDEGEL)

