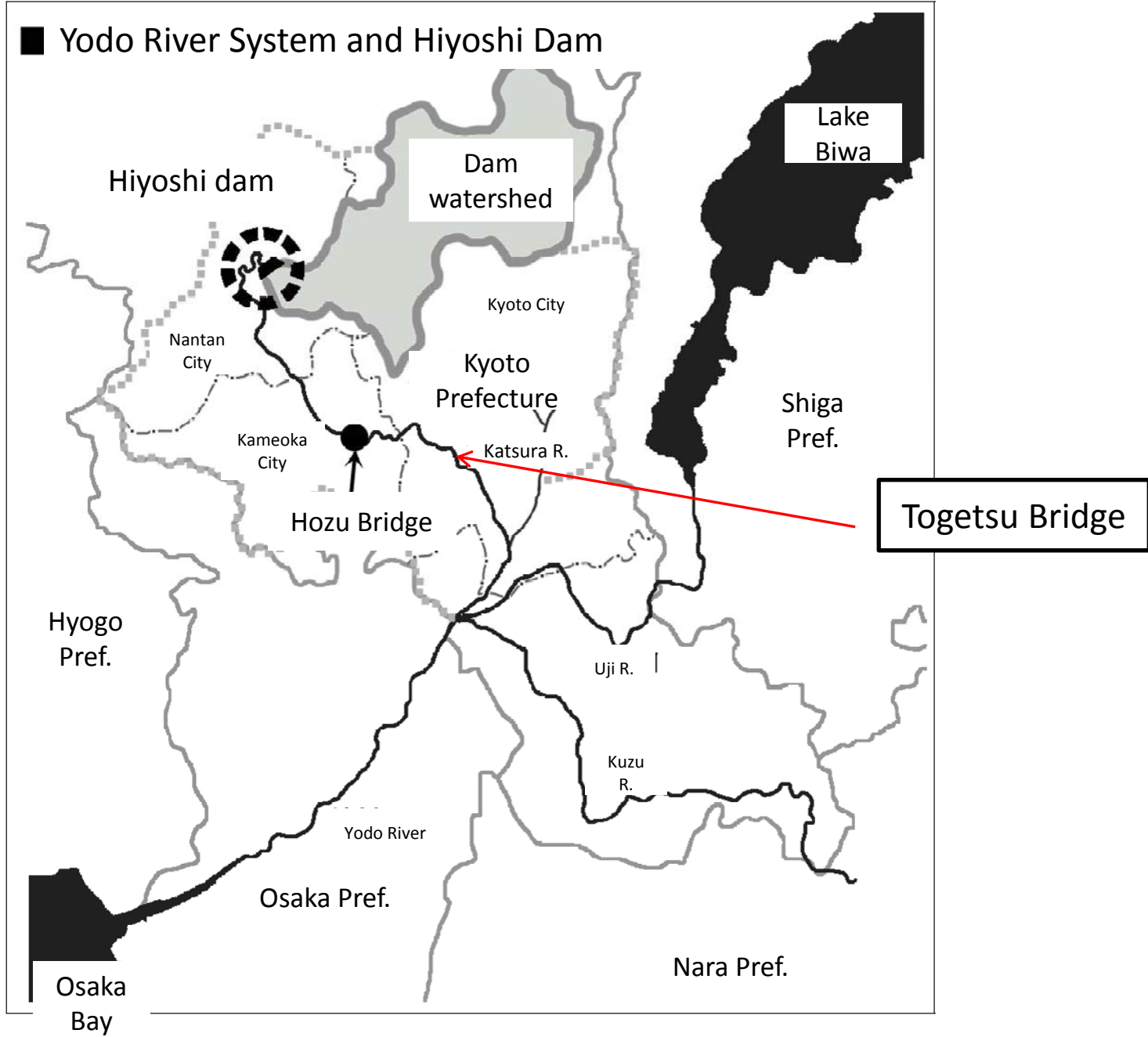


# Experience of Hiyoshi Dam Operation in Sep. 2013, Typhoon 18

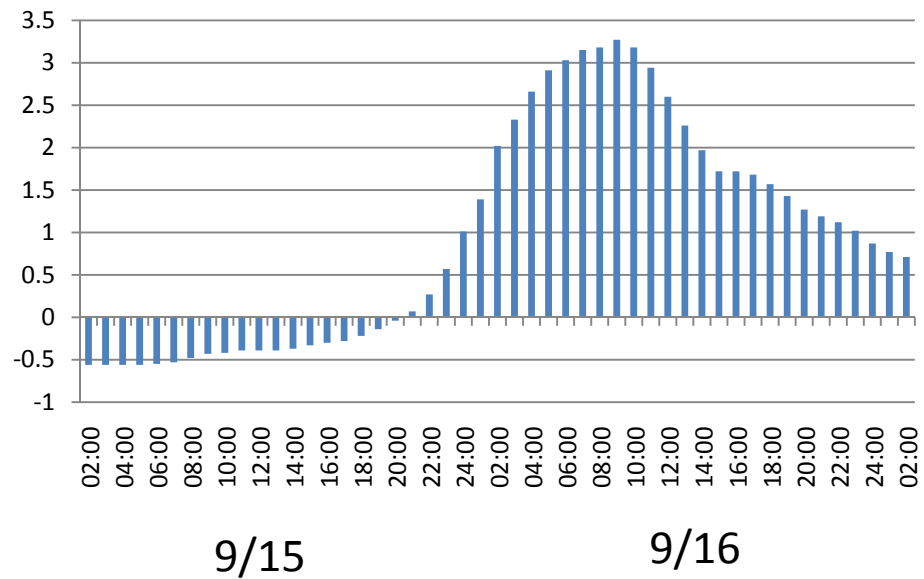
From Press Release by, Hiyoshi Dam Management  
Office (JWA) & Yodo River Dam Control Office (MLIT)  
and others 2013 Sep.18

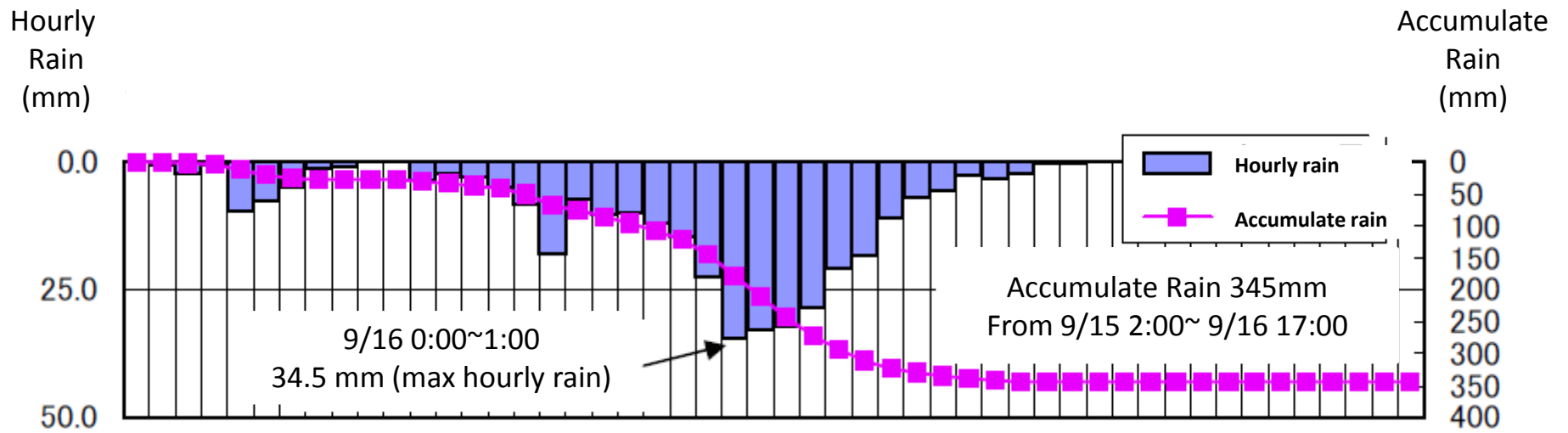
■ Yodo River System and Hiyoshi Dam





Water Level at about  
100m down stream of the  
Togetsu Bridge





The amount of rain is average rain in the Catchment area of Hiyoshi Dam

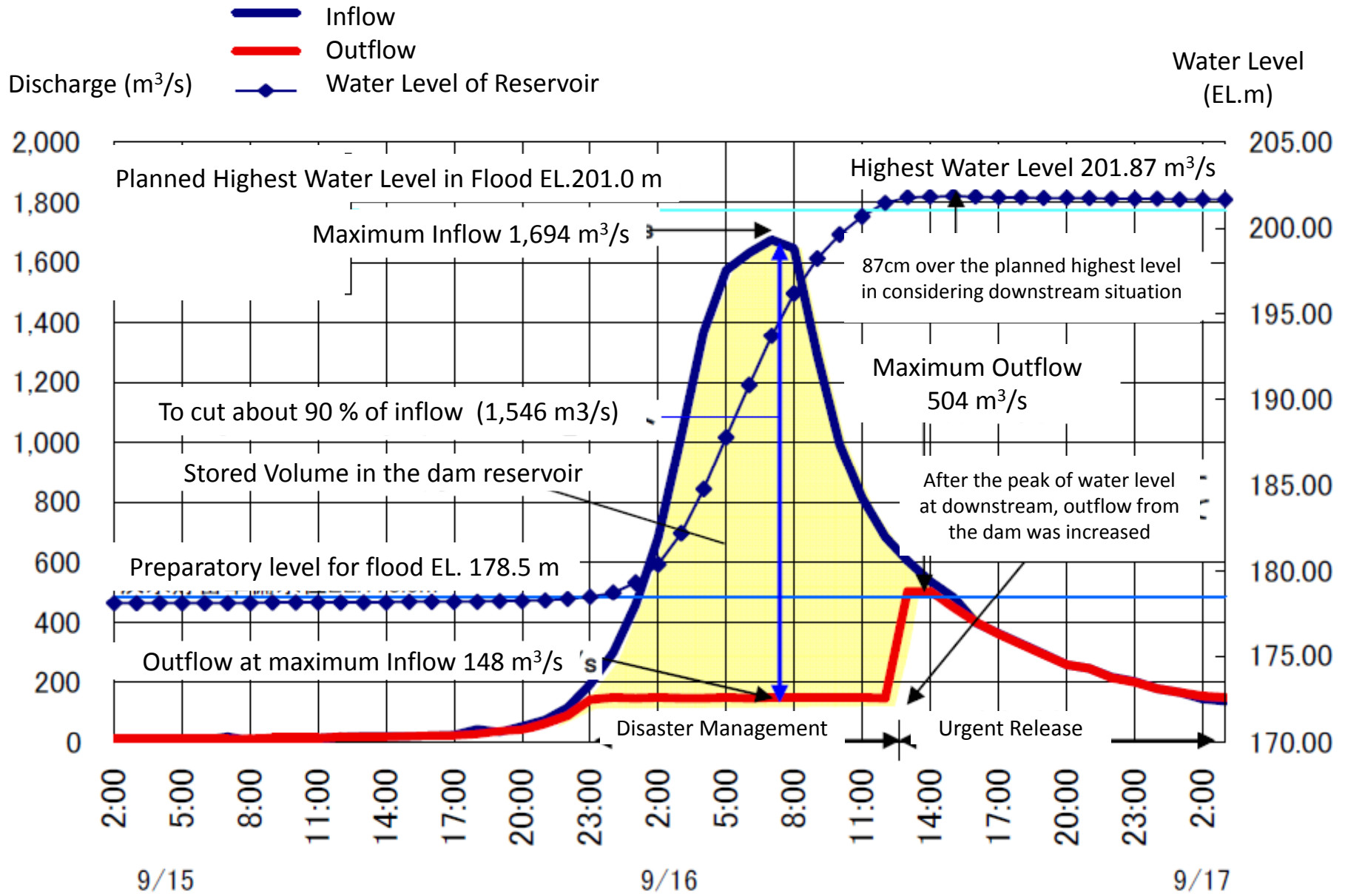
# Specification of Hiyoshi Dam Body and Reservoir

Type of Dam	Concrete Gravity Dam
Height of Dam	67.4 m
Length of Dam Crest	438 m
Volume of Dam	670,000 m <sup>3</sup>
Catchment Area	290 km <sup>2</sup>
Reservoir Area	2.74 km <sup>2</sup>
Reservoir Capacity	66,000,000 m <sup>3</sup>



Photo From MLIT office

<b>Surcharge Water Level</b>	<b>Water can be stored up to this level temporarily during floods.</b>	<b>201.0 m</b>
Normal Water Level	Water is normally stored up to this level from Oct. 16 to Jun. 15 the following year.	191.4 m
Normal Water Level for flood season	Water Level is restricted up to this level from Jun.16 to Oct. 15 in case of flood.	178.5 m
Lowest Water Level	This level is operationally the lowest. The part below this level is the capacity of sediment.	164.4 m



## The record of big inflow after starting the operation (1998 April)

	Date and Course of Big Inflow	Total rain (mm)	Maximum Inflow (m <sup>3</sup> /s)	Maximum Outflow from Dam (m <sup>3</sup> /s)	The controlled volume at the maximum inflow (m <sup>3</sup> /s)
1	2013 Sep. Typhoon 18	345	1,694	504	1,546
2	2004 Oct. Typhoon 23	238	856	150	708
3	2010 July Frontal Rain	170	698	150	549