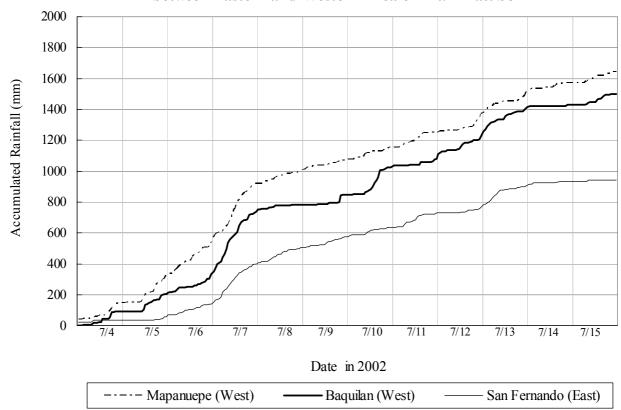
Comparison of Accumulated Rainfall between Eastern and Western Area of Mt. Pinatubo



Source: JICA Study Team

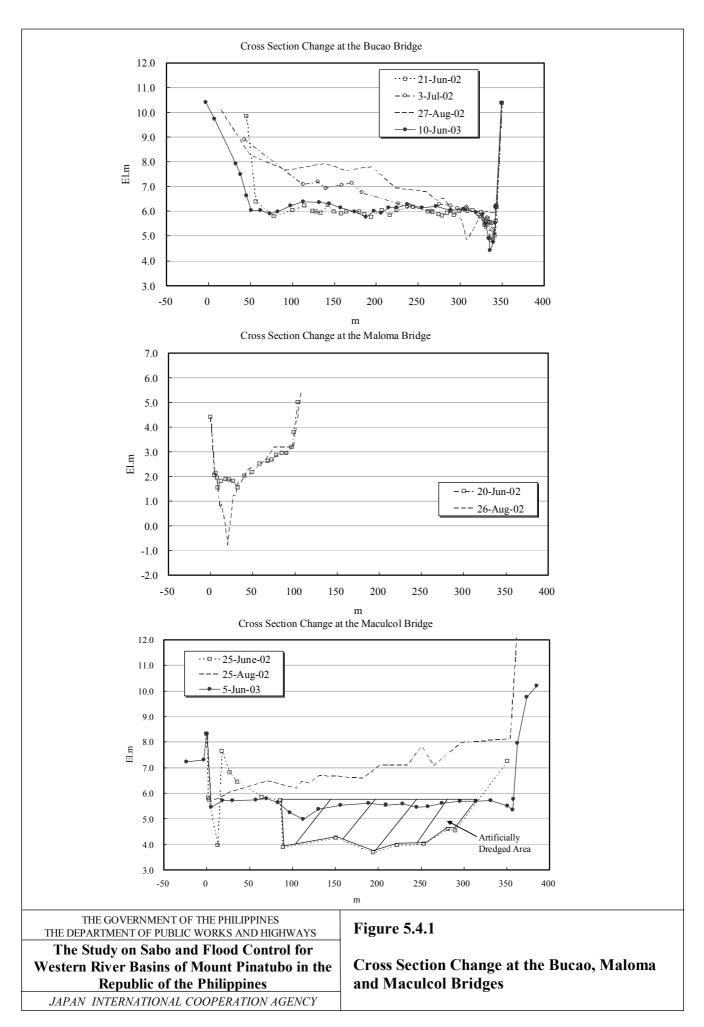
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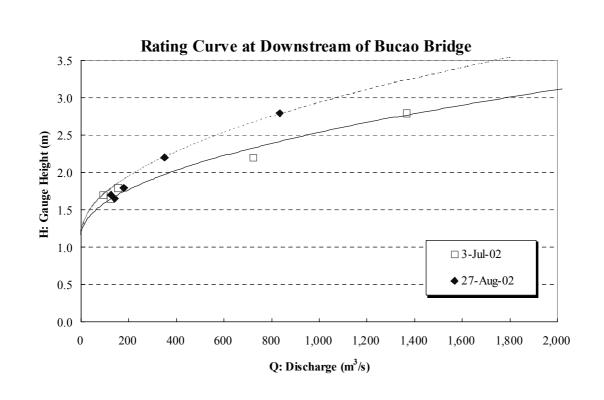
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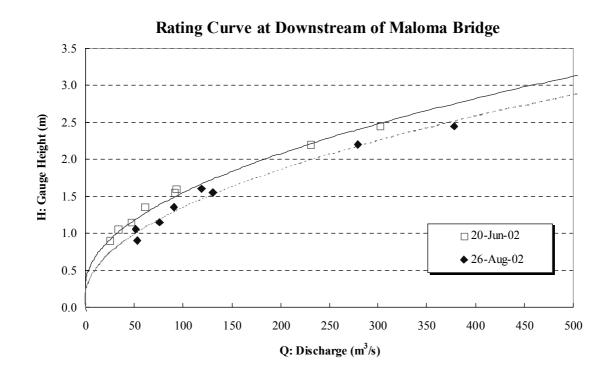
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Figure 5.3.2

Rainfall in Eastern and Western Pinatubo Area in July 2002







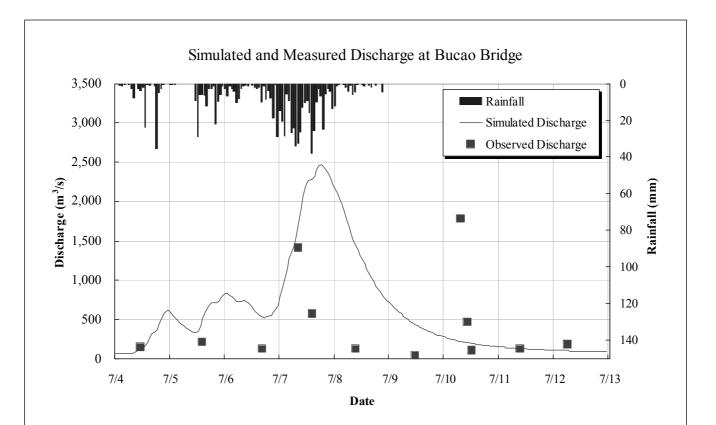
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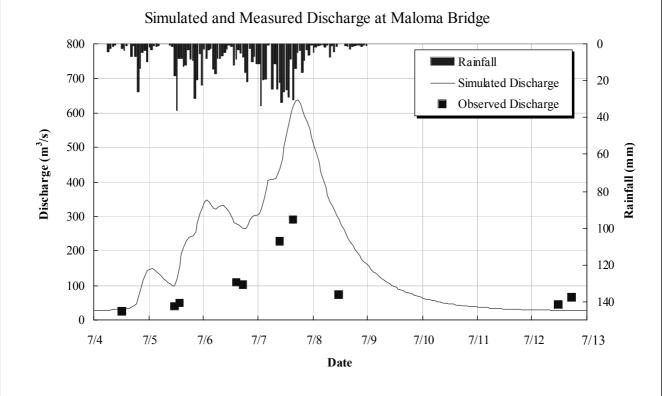
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Figure 5.4.2

Rating Curve at the Bucao and Maloma Bridges

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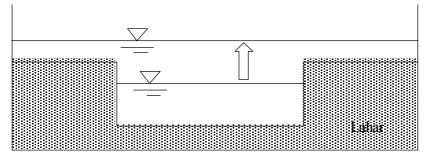
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Figure 5.4.3

Flood in July 2002

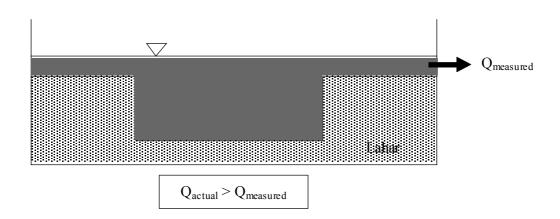
Observed and Simulated Discharge during

Discharge Measurement during Flood in July 2002

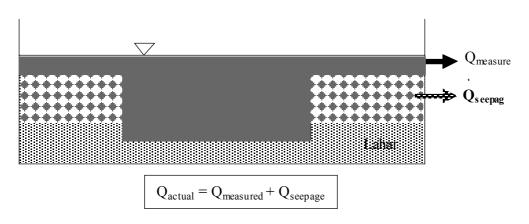


River Coss Section

a) Without Considering Seepage into Lahar Deposits



b) With Seepage into Lahar Deposits (Storage Effect of Lahar Deposits)



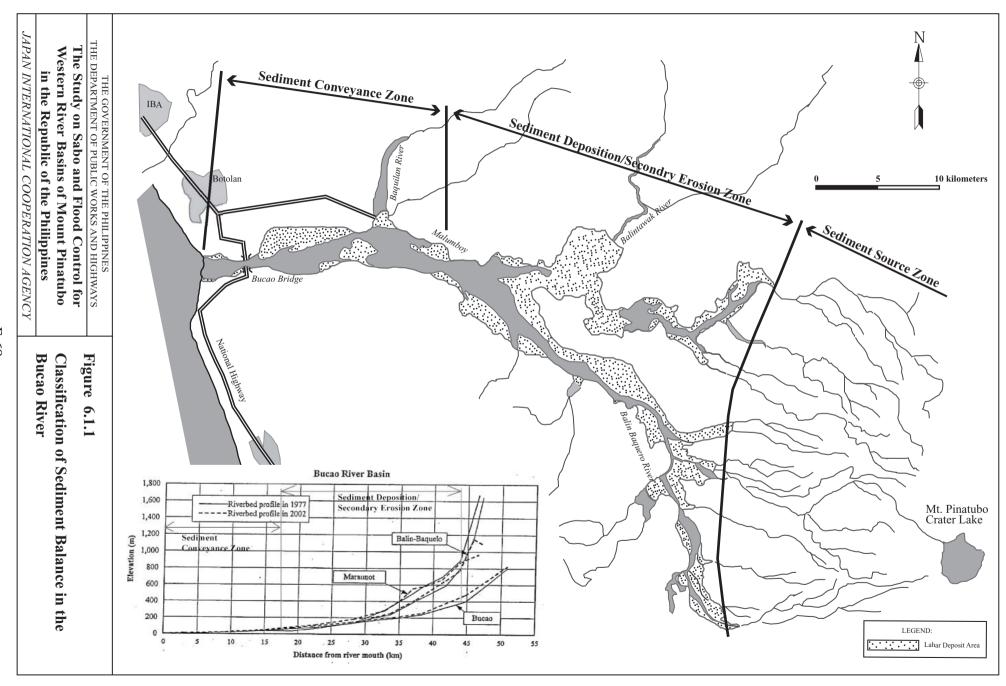
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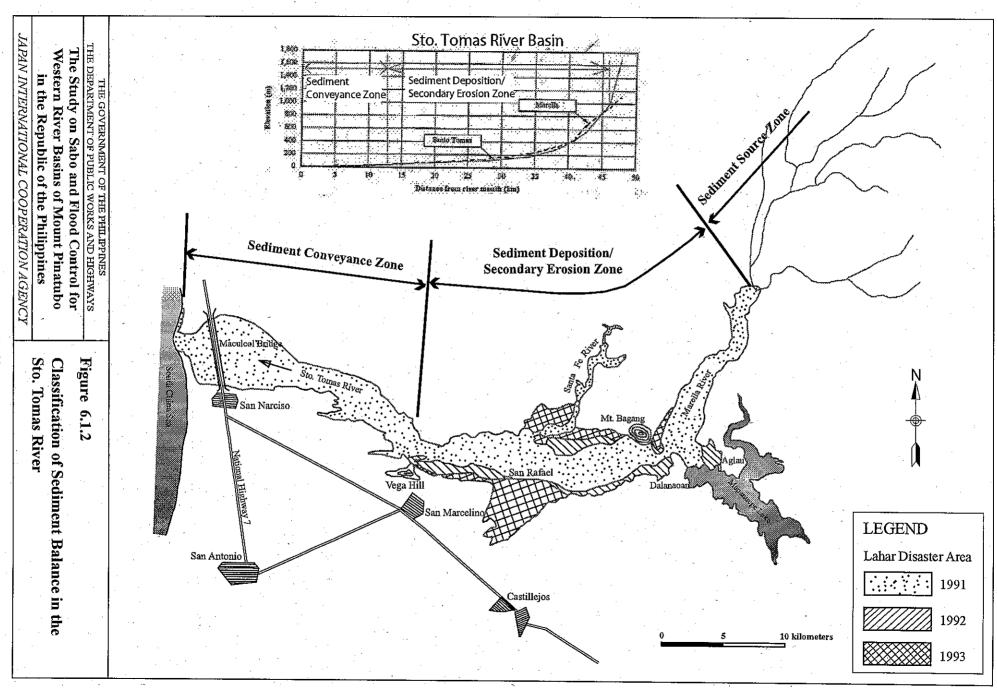
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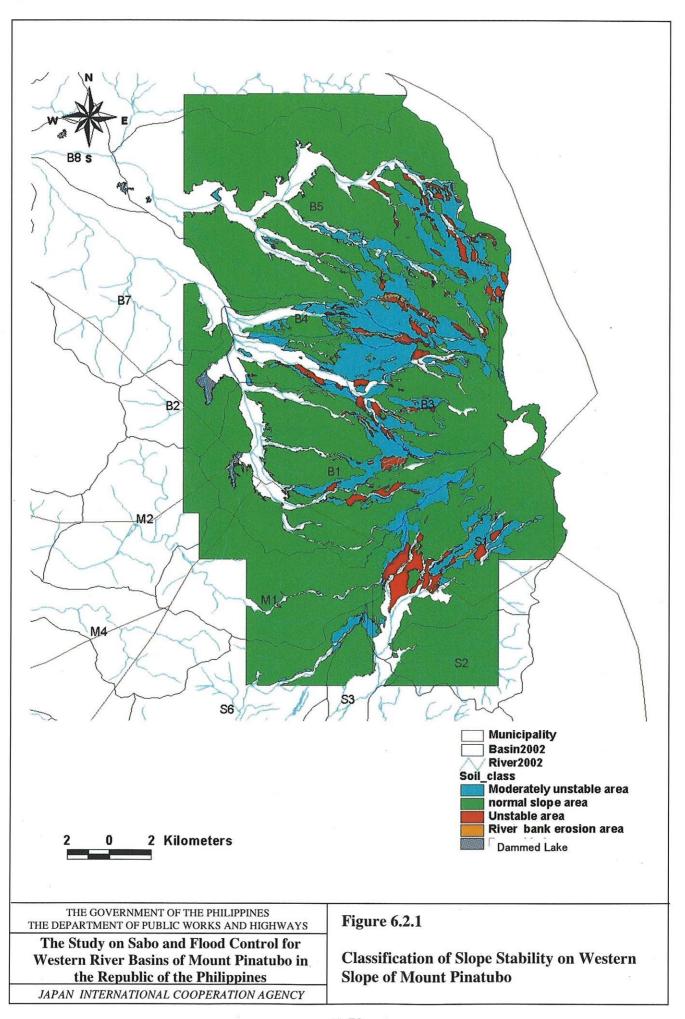
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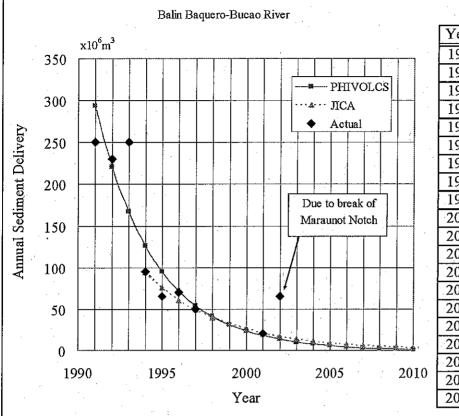
Figure 5.4.4

Assumed Storage Effect of Lahar Deposits

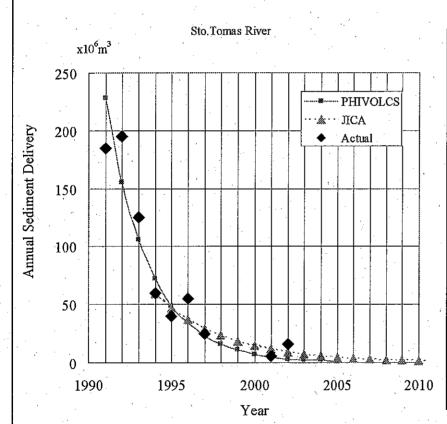








		5	10^6m^3	
	Year	Actual	PHIVOLCS	JICA
i	1991	250	293	
	1992	230	221	
	1993	250	167	
	1994	95	126	94
İ	1995	65	95	. 75
	1996	70	72	61
	1997	50	54	49
	1998		41	39
	1999		31	32
	2000		23	26
	2001	. 20	18	21
	2002	.65	13	17
Į	2003		. 10	13
I	2004		8	11
I	2005		6	8.7
	2006		4	7.0
ļ	2007		. 3	5.6
İ	2008		2	4.5
ļ	2009		. 2	3.6
ı	2010]	. 1	2.9



Unit:			$10^6 \mathrm{m}^3$
Year	Actual	PHIVOLCS	ЛСА
1991	185	228	
1992	195	155	
1993	125	106	
. 1994	60	72	59
1995	40	49	47
1996	55	34	37
1997	25	23	29
1998		16	- 23
1999		. 11	18
2000		7	14
2001	5.7	5	. 11
2002	16	3	9.0
2003		2	7.1
2004		2	5.6
2005		1	4.4
2006			3.5
2007	_		2.8
2008	٧.		2.2
2009	_		1.7
2010			1.4

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Figure 6.2.2

Past and Future Sediment Delivery in the Bucao and Sto. Tomas Rivers