

*Attachment 1*

*Monitoring Result of  
the Garbage Survey*

**MONITORING RESULT OF GARBAGE TRAP**  
MONTH : November 2006

DATE	TIME TAKING	KIND OF GARBAGE				TOTAL VOLUME (m3)	REMARK
		ORGANIC		UNORGANIC			
		(m3)	(%)	(m3)	(%)		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24	10.00 a.m	0.4	87	0.06	13	0.46	Max W.L = - 60 , Q = 24 m3/dt , time 06.00 am - 08.00 am , vol = 0.46 m3
25	-	-	-	-	-	-	No garbage
26	8.30 a.m	0.5	96	0.0225	4	0.52	Max W.L = - 56 , Q = 28 m3/dt , time 18.00 am , vol = 0.52 m3
27	8.15 a.m	1	95	0.05	5	1.05	Max W.L = - 48 , Q = 38 m3/dt , time 06.00 am , vol = 1.05 m3
28	8.45 a.m	1	97	0.03	3	1.03	FLOOD , W.L = + 22 , Q = 137 m3/3 , time 21.00 pm , vol = 1.03 m3
29						32.4	Max W.L = - 8 , Q = 91 m3/dt , time 00.00 , vol = 32.40 m3
30	-	-	-	-	-	-	Max W.L = - 58 , Q = 26 m3/dt , time 06.00 am
						TOTAL =	35.46

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MONTH : December 2006

DATE	TIME TAKING	KIND OF GARBAGE				TOTAL VOLUME ( m3 )	REMARK
		ORGANIC		UNORGANIC			
		( m3 )	( % )	( m3 )	( % )		
1	-	-	-	-	-	-	Max W.L = - 50 , Q = 35 m3/dt , time 06.00 am
2	-	-	-	-	-	-	Max W.L = - 60 , Q = 24 m3/dt , time 06.00 am
3	-	-	-	-	-	-	Max W.L = - 67 , Q = 16 m3/dt , time 06.00 am
4	09.00	0.5	-	-	-	0.5	Max W.L = - 51 , Q = 34 m3/dt , time 06.00 am , vol = 0.50 m3
5	-	-	-	-	-	-	Max W.L = - 32 , Q = 58 m3/dt , time 06.00 am
6	-	-	-	-	-	-	FLOOD , W.L = + 28 , Q = 146 m3/dt , time 20.00 pm , vol = 18.5 m3
7	07.30	18.5	99	0.19	1	18.5	Max W.L = - 42 , Q = 45 m3/dt , time 06.00 am
8	-	-	-	-	-	-	FLOOD , W.L = + 29 , Q = 148 m3/dt , time 20.00 pm , vol = 25,20 m3
9	08.00	25.2	99	0.25	1	25.25	Max W.L = - 51 , Q = 34 m3/dt , time 06.00 am
10	-	-	-	-	-	-	
11	-	-	-	-	-	-	
12	-	-	-	-	-	-	FLOOD , W.L = 75 , Q = 229 m3/dt , time 21.00 pm , the trap broken
13	7.30	20	99.5	-	-	20.4	
14	-	-	-	-	-	-	
15	-	-	-	-	-	-	Preparation the construction material
16	-	-	-	-	-	-	Preparation the construction material
17	-	-	-	-	-	-	Start to reconstruction
18	-	-	-	-	-	-	Reconstruction , FLOOD , W.L + 57 , Q = 196 m3/dt , time = 19.00 pm
19	-	-	-	-	-	-	Reconstruction finished
20	-	-	-	-	-	-	FLOOD , W.L = + 86 , Q = 250 m3/dt , time 22.00 , the new trap broken
21	10.00	27	99	-	-	27	FLOOD , W.L = + 76 , Q = 231 m3/dt , time 18.00 pm ,
22	-	-	-	-	-	-	FLOOD , W.L = + 50 , Q = 148 m3/dt , time 21.00 pm ,
23	-	-	-	-	-	-	FLOOD , W.L = +22 , Q = 137 m3/dt , time 00.00 pm ,
24	-	-	-	-	-	-	FLOOD , W.L = + 92 , Q = 262 m3/dt , time 19.00 pm ,
25	08.00	9,5	99	-	-	9.5	FLOOD , W.L = + 108 , Q = 294 m3/dt , time 22.00 pm ,
26	-	-	-	-	-	-	FLOOD , W.L = + 149 , Q = 383 m3/dt , time 22.00 pm ,
27	-	-	-	-	-	-	FLOOD , W.L = + 100 , Q = 278 m3/dt , time 00.00 pm ,
28	7.30	10.2	99	-	-	10.2	FLOOD , W.L = + 278 , Q = 723 m3/dt , time 22.00 pm ,
29							
30							
31							
					TOTAL =	111.35	

**MONITORING RESULT OF GARBAGE TRAP**  
MONTH : January 2007

DATE	TIME TAKING	KIND OF GARBAGE				TOTAL VOLUME ( m3 )	REMARK
		ORGANIC		UNORGANIC			
		( m3 )	( % )	( m3 )	( % )		
1	-	-	-	-	-	-	FLOOD , W.L = + 50, Q =184 m3/dt , time 18.00 pm ,
2	-	-	-	-	-	-	Preparation the construction material
3	7.30	5.6	99	-	-	5.6	Preparation the construction material
4	7.30	9.6	99	-	-	9.6	Start to reconstruction
5	-	-	-	-	-	-	Reconstruction
6	-	-	-	-	-	-	Reconstruction finished
7	-	-	-	-	-	-	Monitoring Water level
8	-	-	-	-	-	-	Monitoring Water level and moving garbage from Abstrim and Check dam
9	7.30	16	99	-	-	16	Burn darbage and Additional of Sand bag.
10	-	-	-	-	-	-	Monitoring Water level
11	-	-	-	-	-	-	Monitoring Water level
12	-	-	-	-	-	-	Burn darbage and monitoring Water level.
13	-	-	-	-	-	-	Monitoring Water level
14	-	-	-	-	-	-	Monitoring Water level
15	-	-	-	-	-	-	Monitoring Water level
16	-	-	-	-	-	-	Monitoring Water level Checking trap
17	-	-	-	-	-	-	Monitoring Water level
18	-	-	-	-	-	-	Monitoring Water level
19	-	-	-	-	-	-	Monitoring Water level
20	-	-	-	-	-	-	Monitoring Water level
21	7.30	9	99	-	-	9	Moving garbage and Monitoring Water level
22	7.30	11.25	99	-	-	11.25	FLOOD , W.L = + 74, Q =227 m3/dt , time 18.00 pm ,
23	-	-	-	-	-	-	FLOOD , W.L = + 28, Q =146 m3/dt , time 23.00 pm ,
24	08.00	28.05	99	-	-	28.05	FLOOD , W.L = + 29, Q =148 m3/dt , time 23.00 pm ,
25	-	-	-	-	-	-	Monitoring Water level and moving garbage from Check dam
26	7.30	5.7	99	-	-	5.7	Monitoring Water level and moving garbage from Check dam
27	-	-	-	-	-	-	Monitoring Water level and moving garbage from Check dam
28	-	-	-	-	-	-	FLOOD , W.L = + 22, Q =137 m3/dt , time 21.00 pm ( preparation Bamboo )
29	13.00	6	99	-	-	6	FLOOD , W.L = + 34, Q =156 m3/dt , time 22.00 pm ,
30	13.15	5.4	99	-	-	5.4	FLOOD , W.L = + 29, Q =148 m3/dt , time 19.00 pm ,
31	-	-	-	-	-	-	
				TOTAL =	96.60	Total up to January, 31,2007 = 252,6 m3	

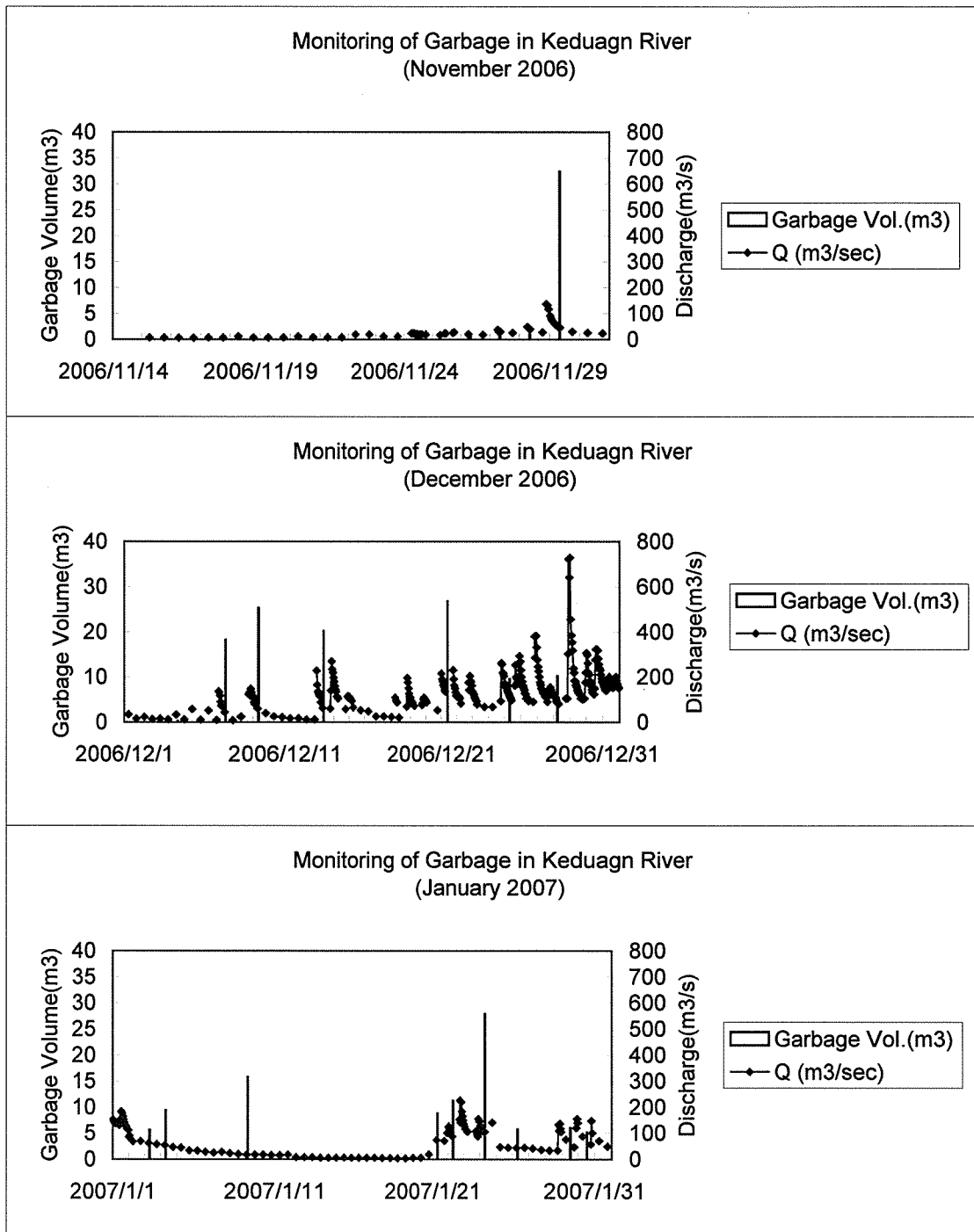


Figure Monitoring Results of Garbage Survey (November 2006 – January 2007)

*Attachment 2*  
*Reservoir Sections in*  
*1980-2004*

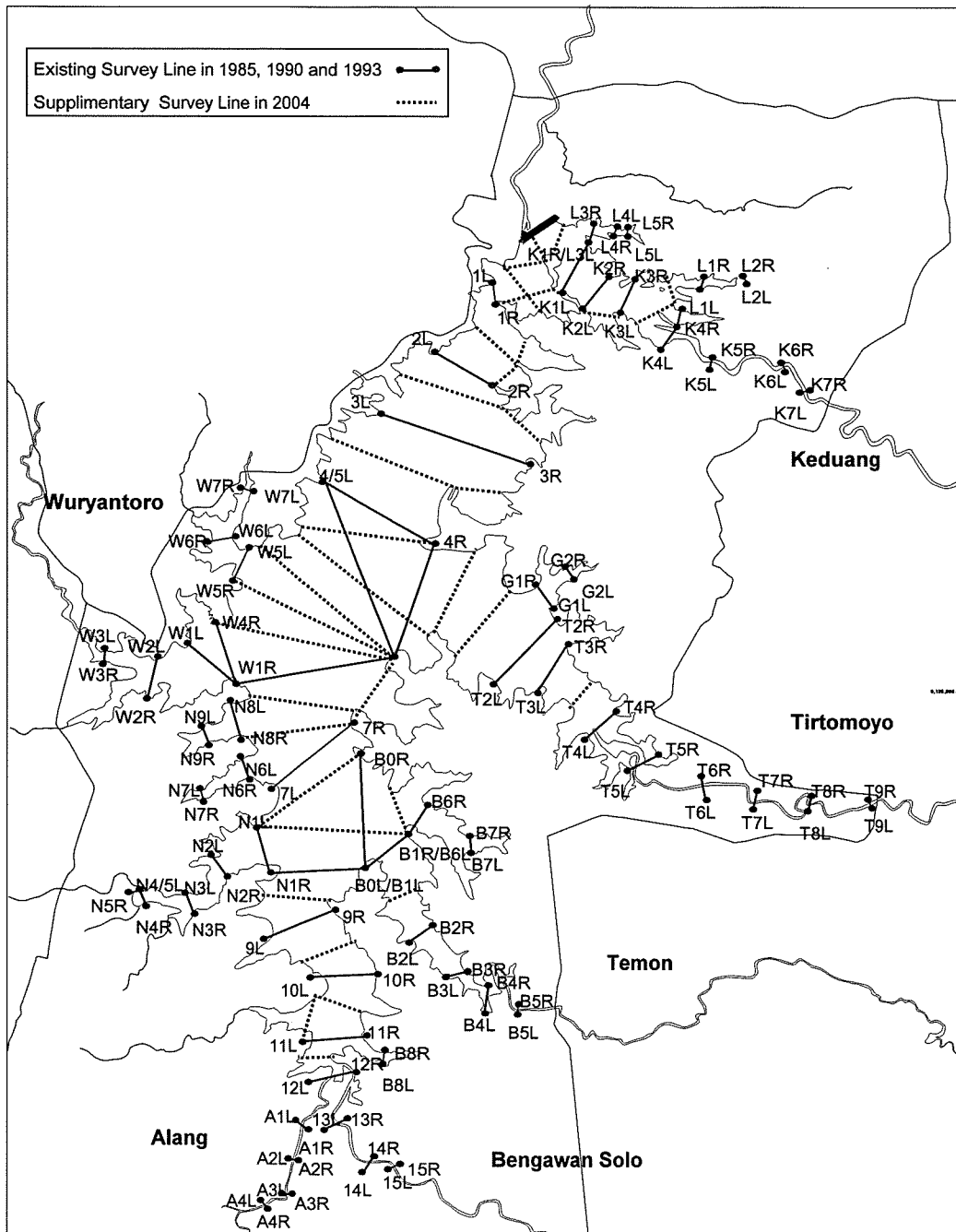
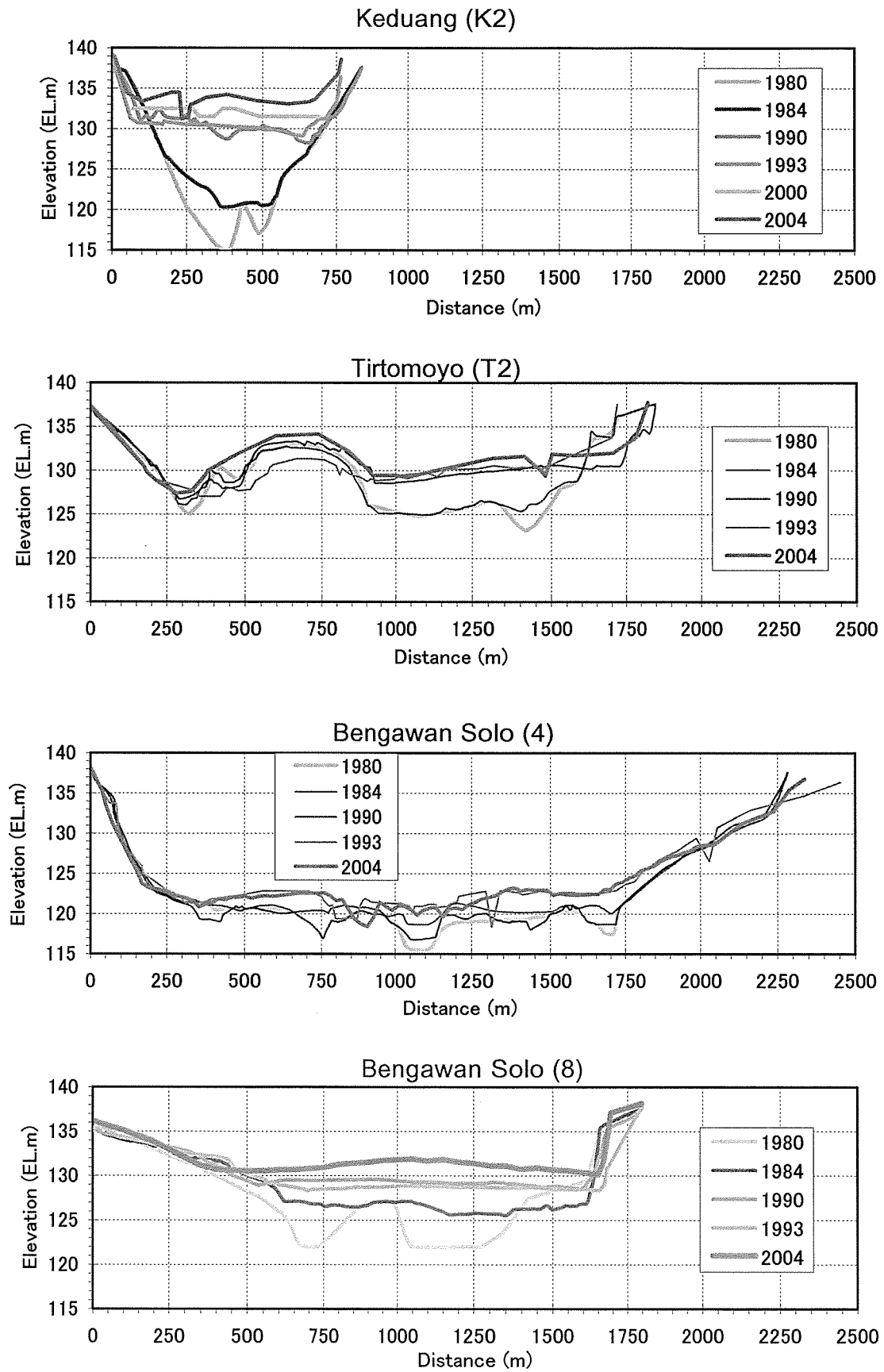


Figure A2-1 Location Map of Cross Sections for Reservoir Sedimentation Survey in 2004 and 2005



**Figure A2-2 Typical Cross Sections in Each River**



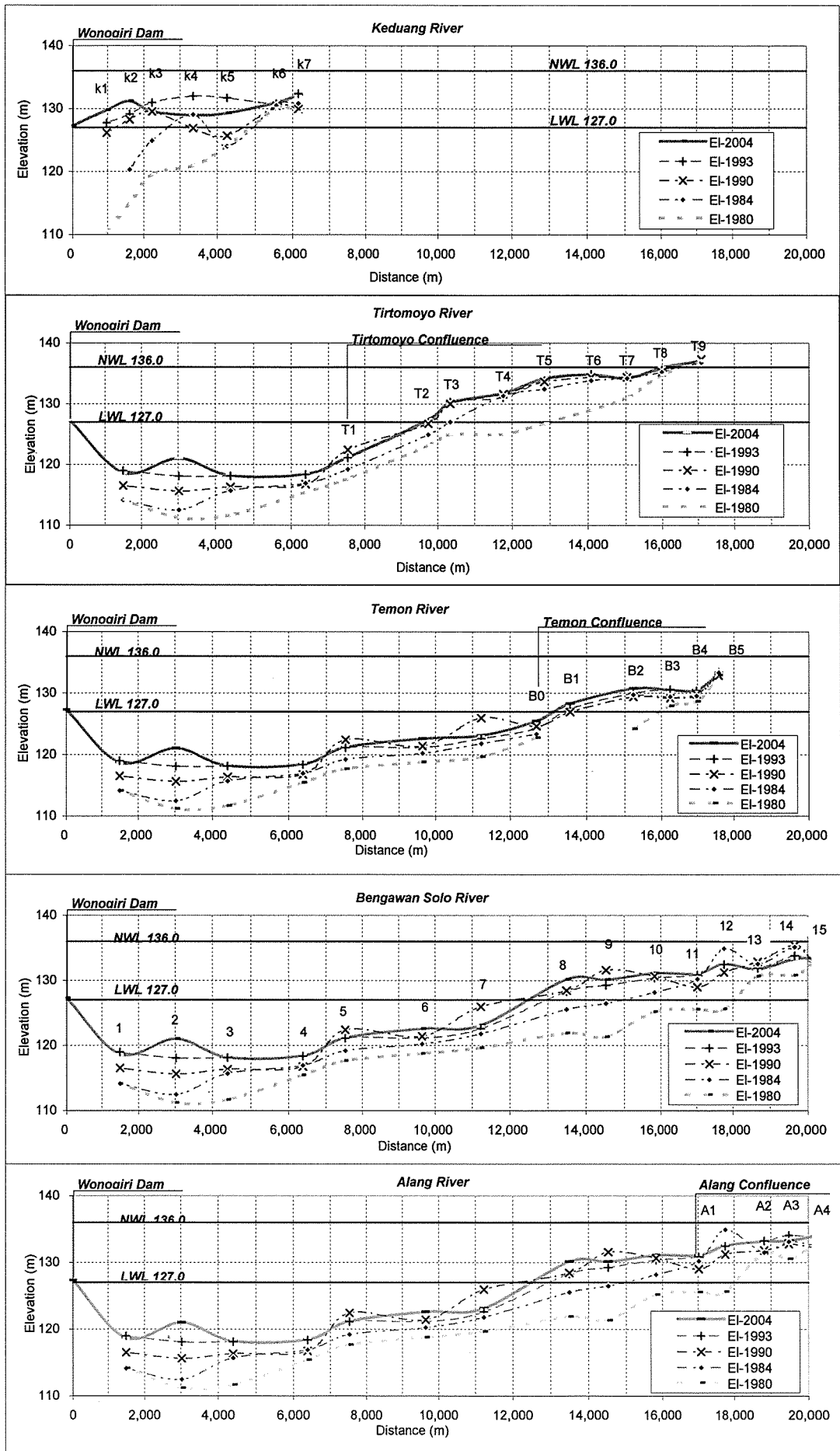
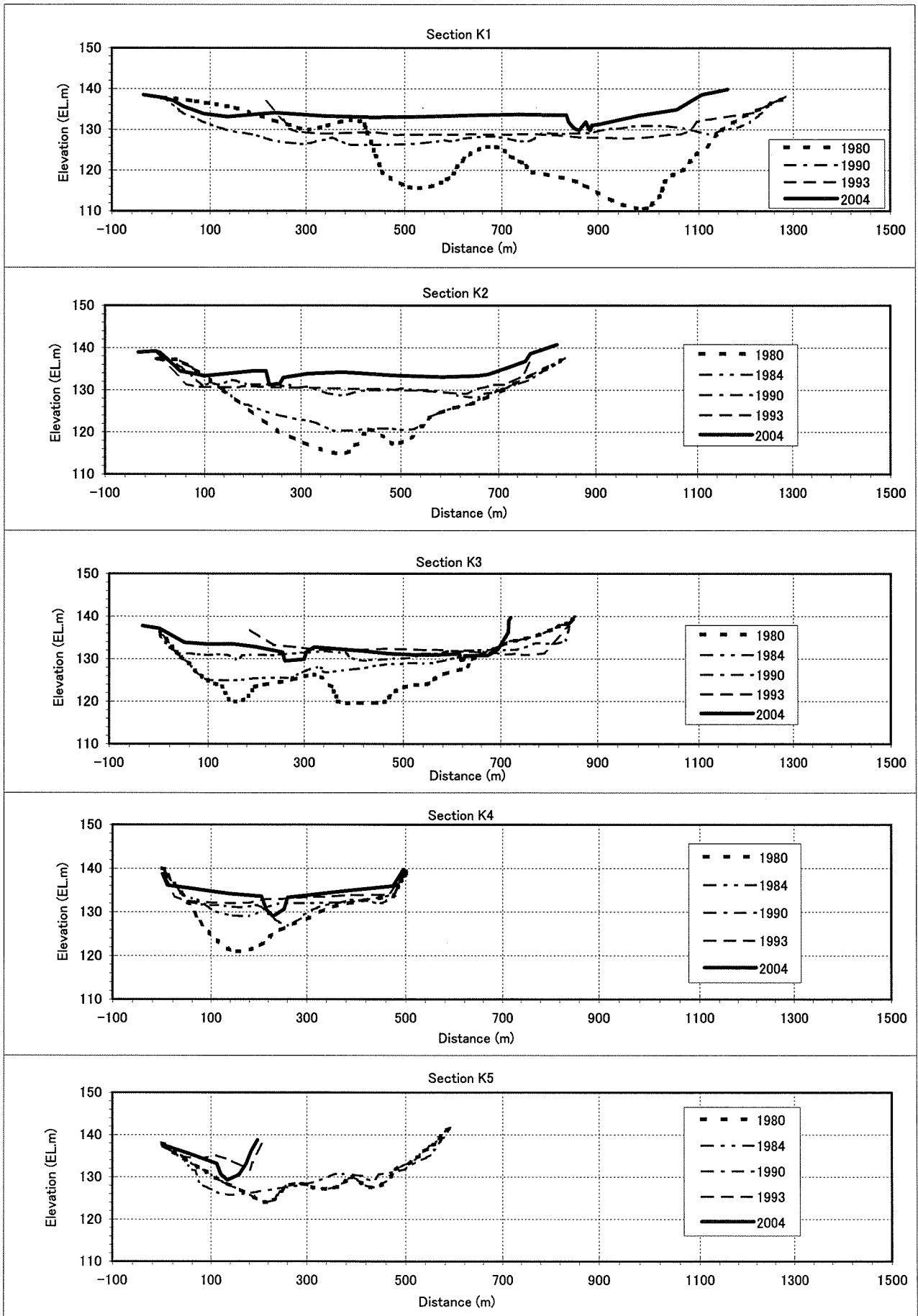


Figure A2-3 Profiles of Wonoiri Reservoir



**Figure A2-4 Reservoir Section in Keduang River in 1980-2004 (1/2)**

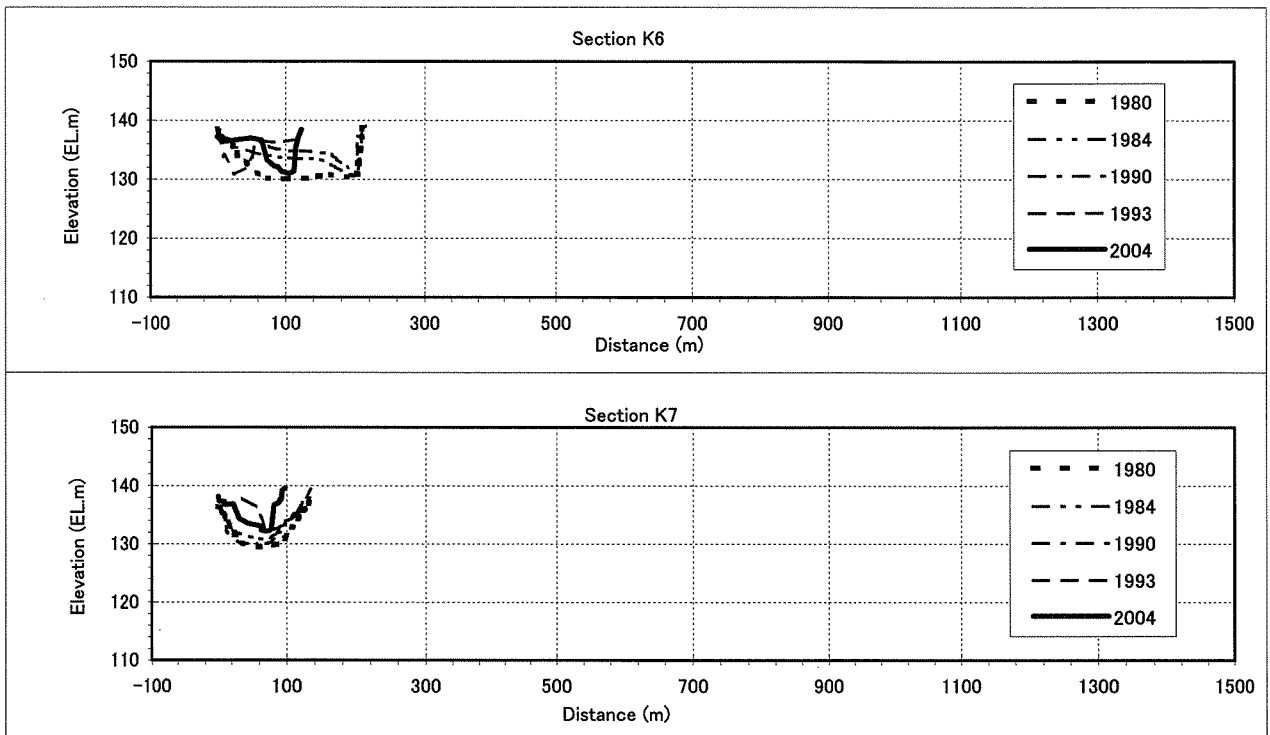


Figure A2-4 Reservoir Section in Keduang River in 1980-2004 (2/2)

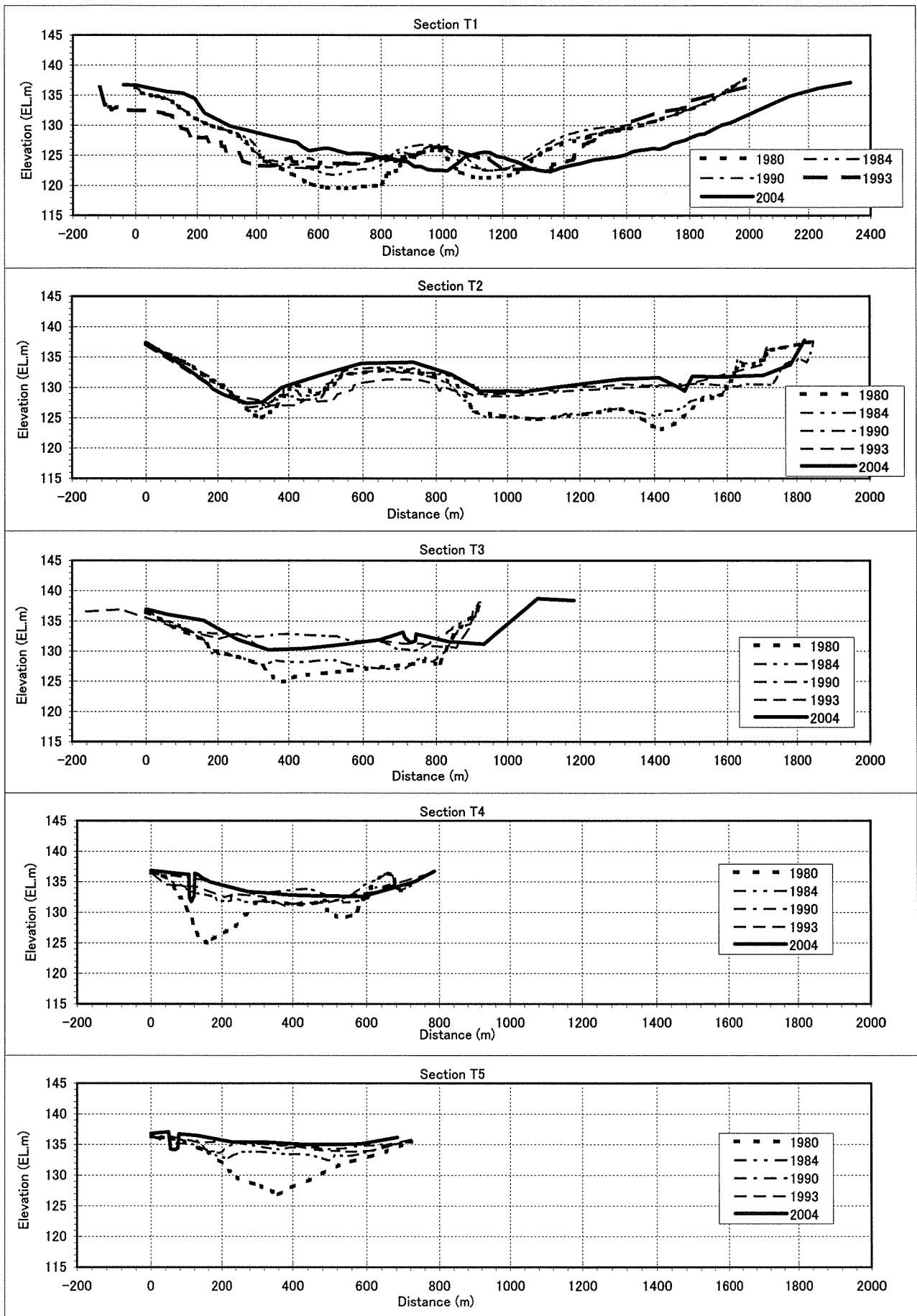
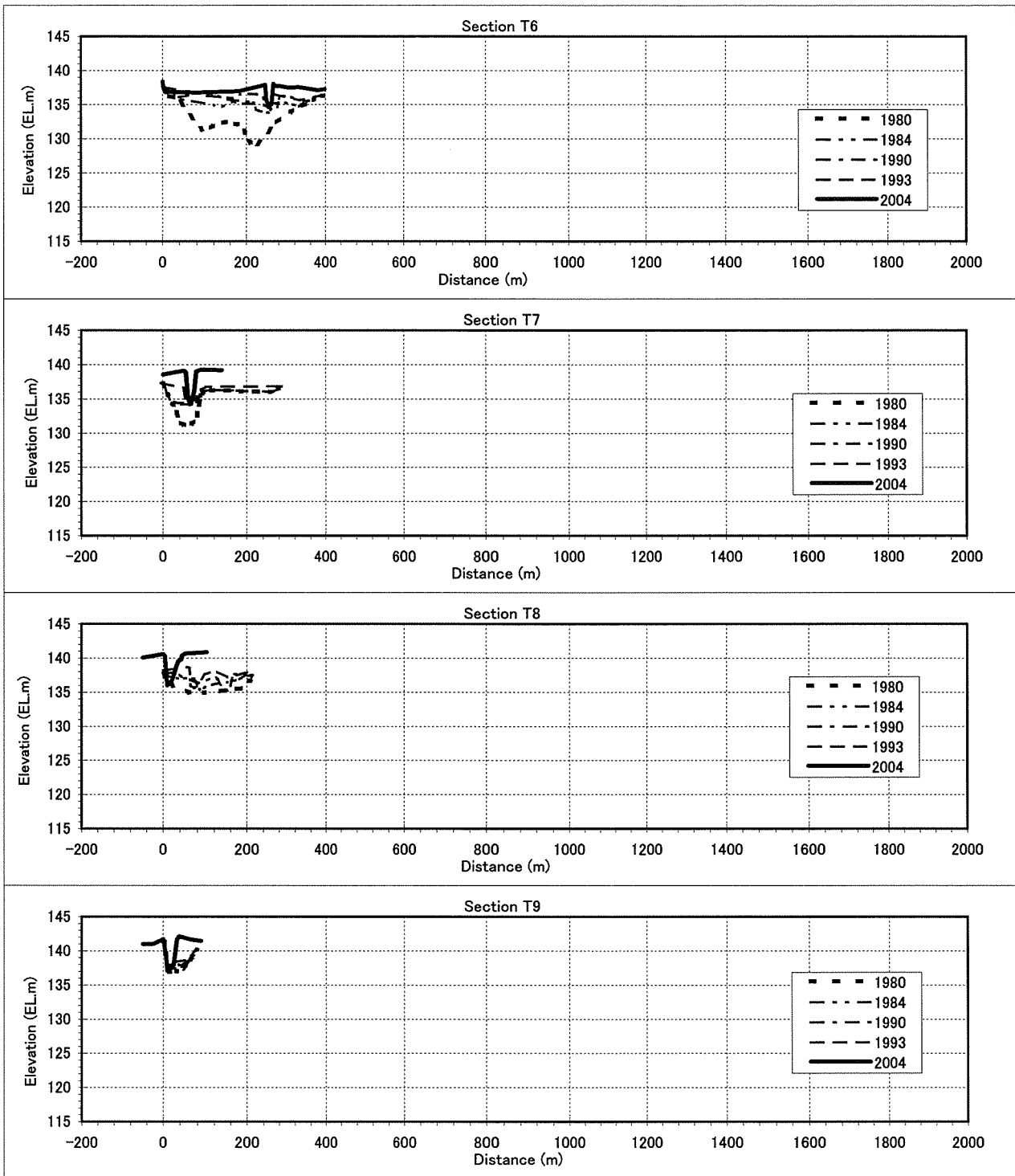


Figure A2-5 Reservoir Sections in Tirtomoyo River in 1980-2004 (1/2)



**Figure A2-5 Reservoir Sections in Tirtomoyo River in 1980-2004 (2/2)**

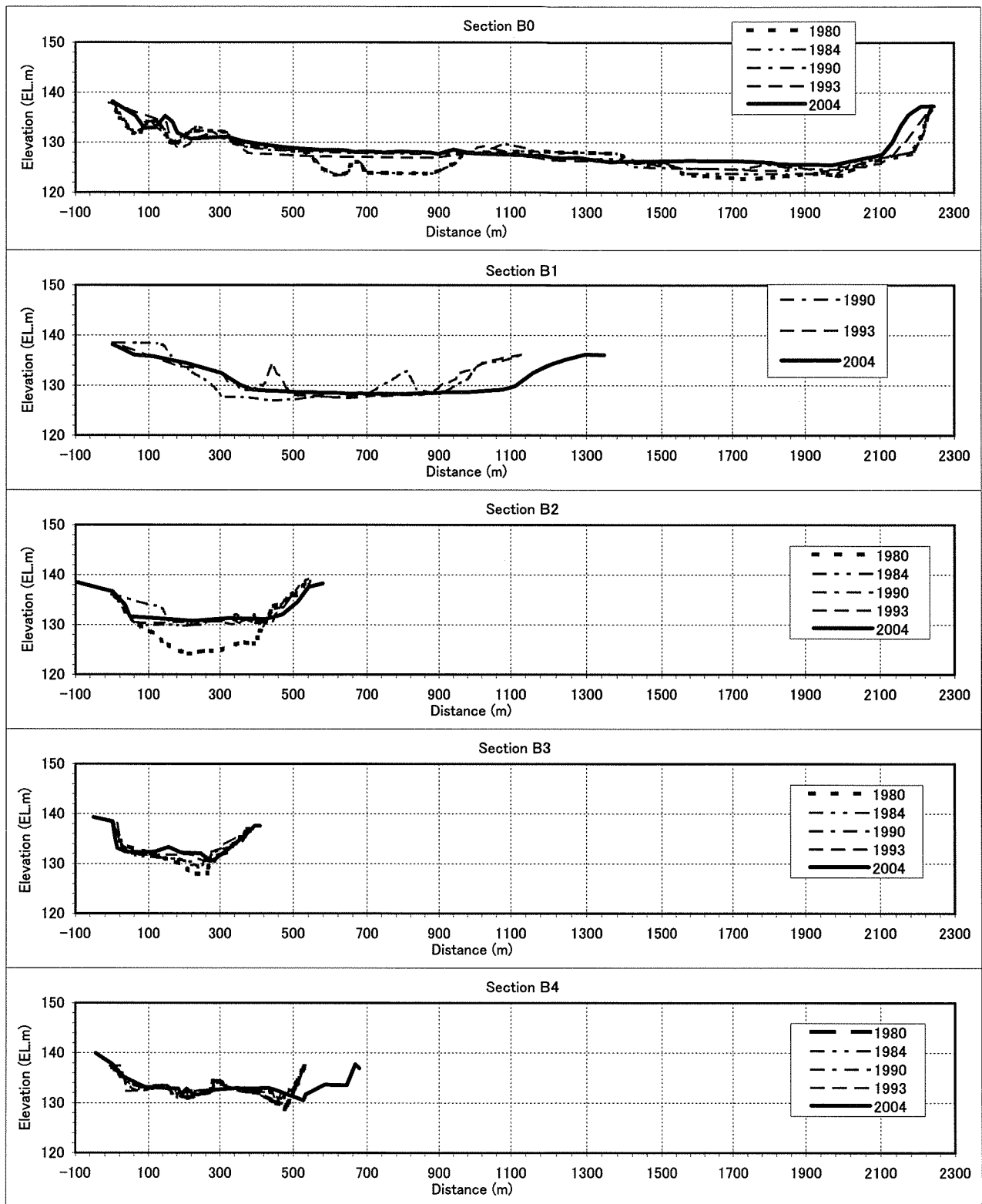


Figure A2-6 Reservoir Sections in Temon River in 1980-2004 (1/2)

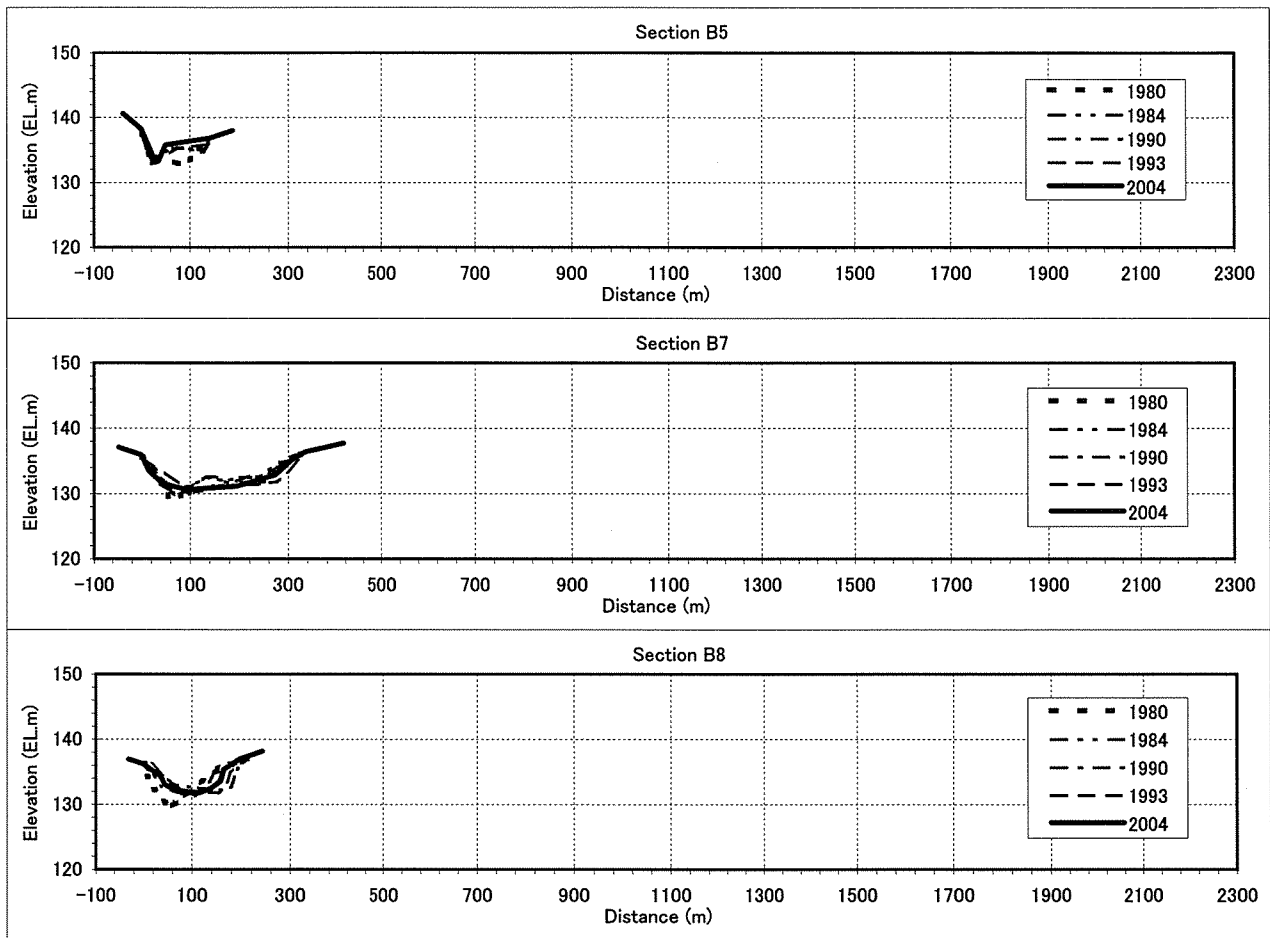


Figure A2-6 Reservoir Sections in Temon River in 1980-2004 (2/2)

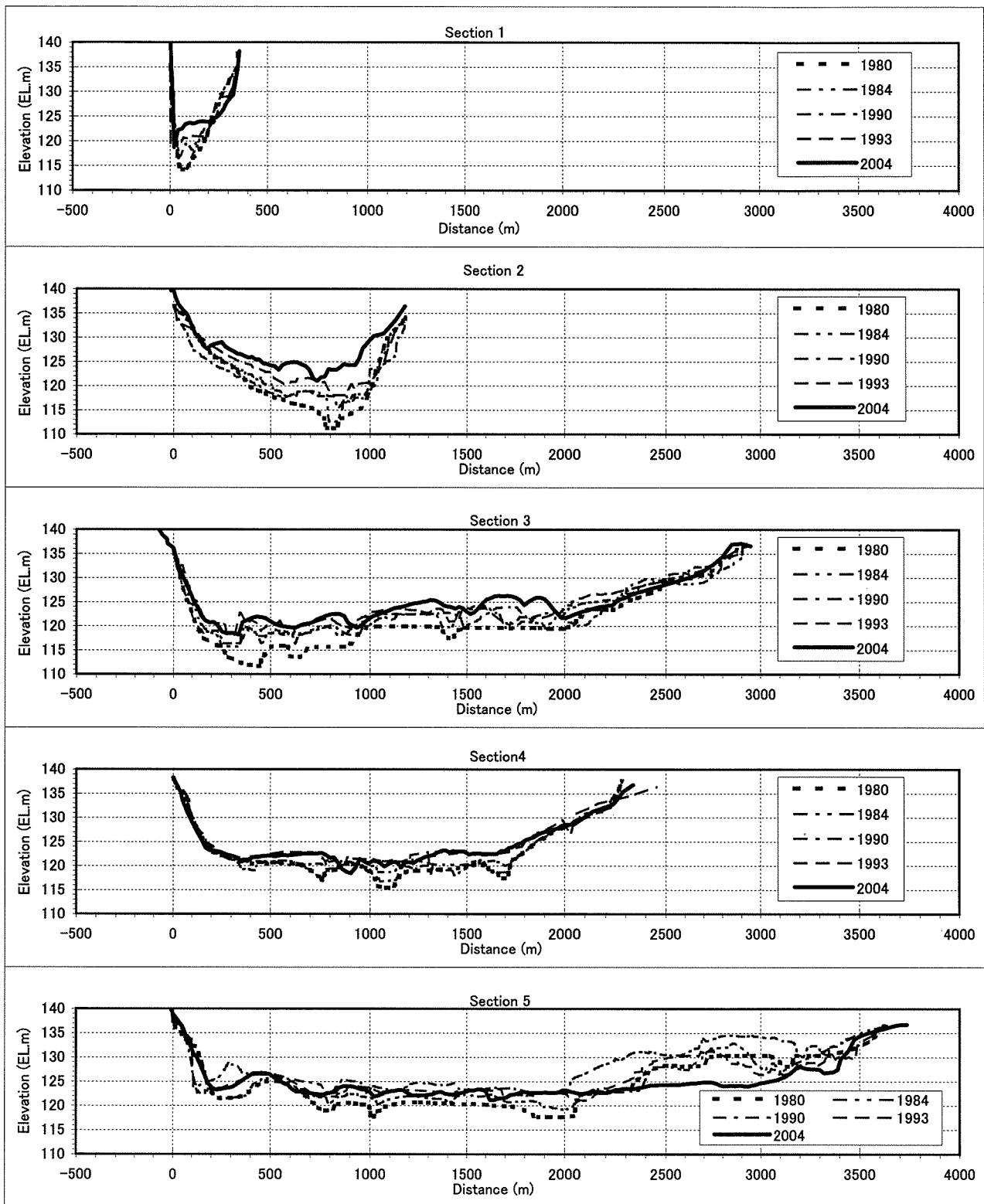


Figure A2-7 Reservoir Sections in Solo River in 1980-2004 (1/3)



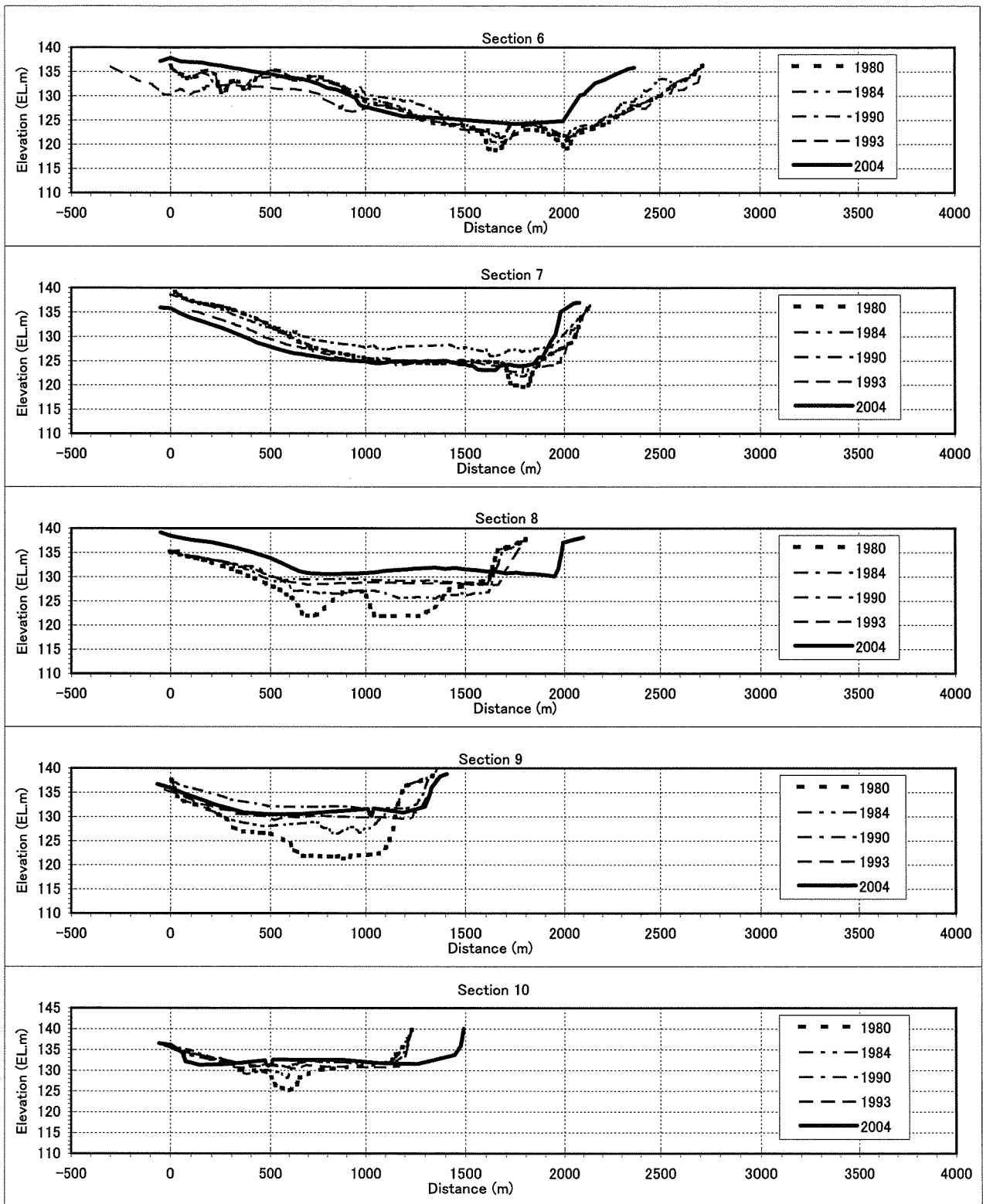


Figure A2-7 Reservoir Sections in Solo River in 1980-2004 (2/3)

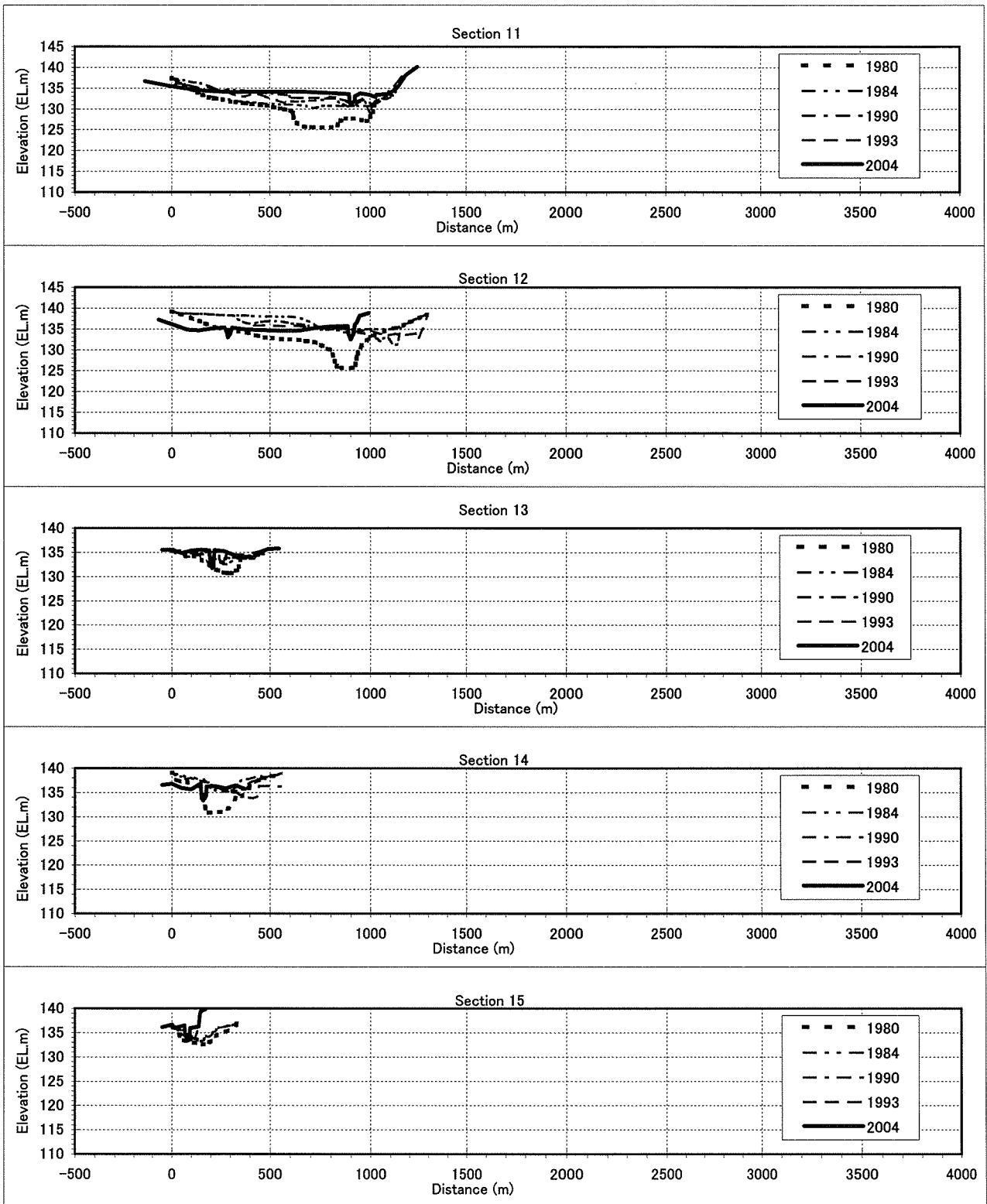


Figure A2-7 Reservoir Sections in Solo River in 1980-2004 (3/3)

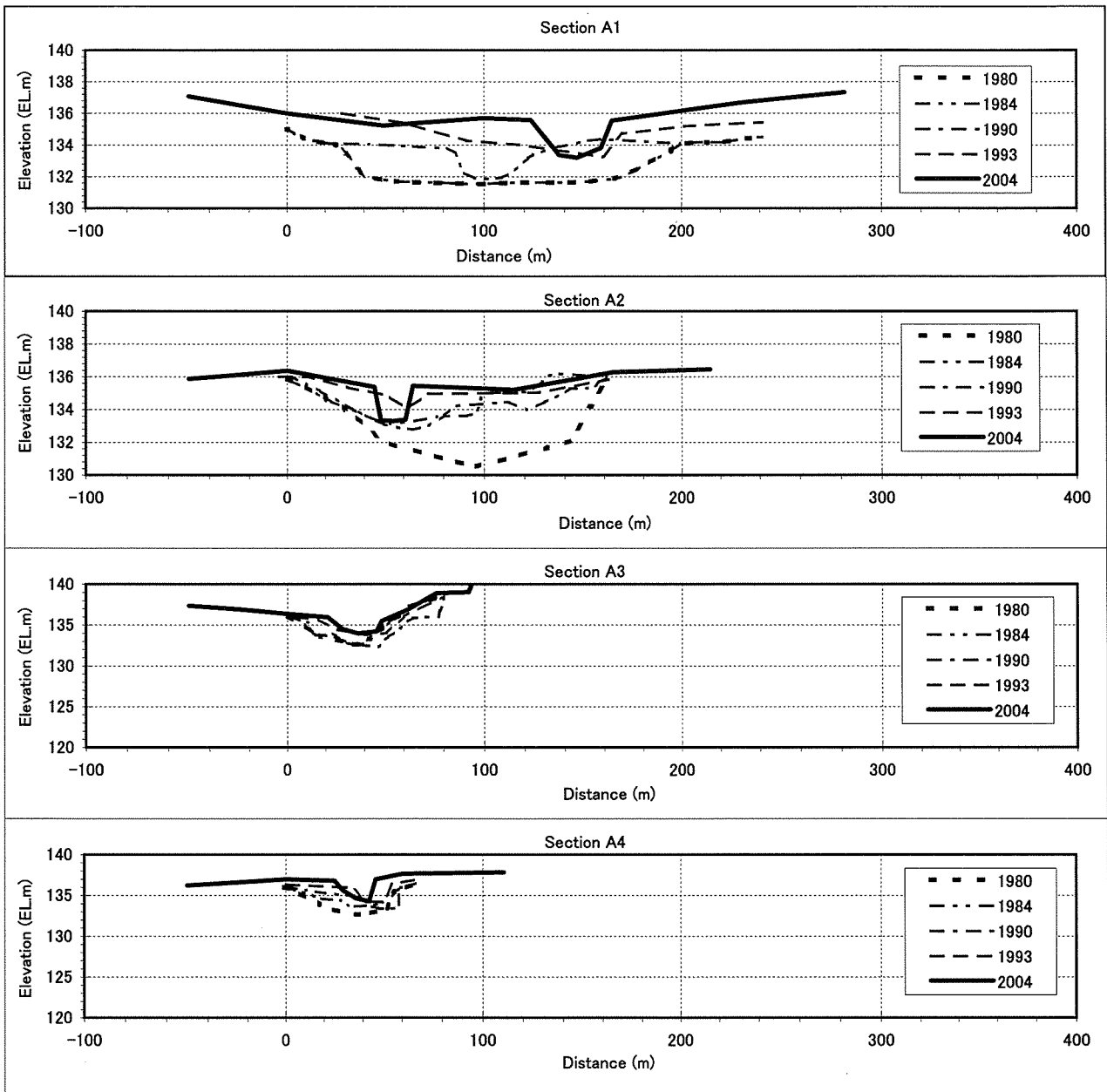


Figure A2-8 Reservoir Sections in Alang River in 1980-2004 (1/1)

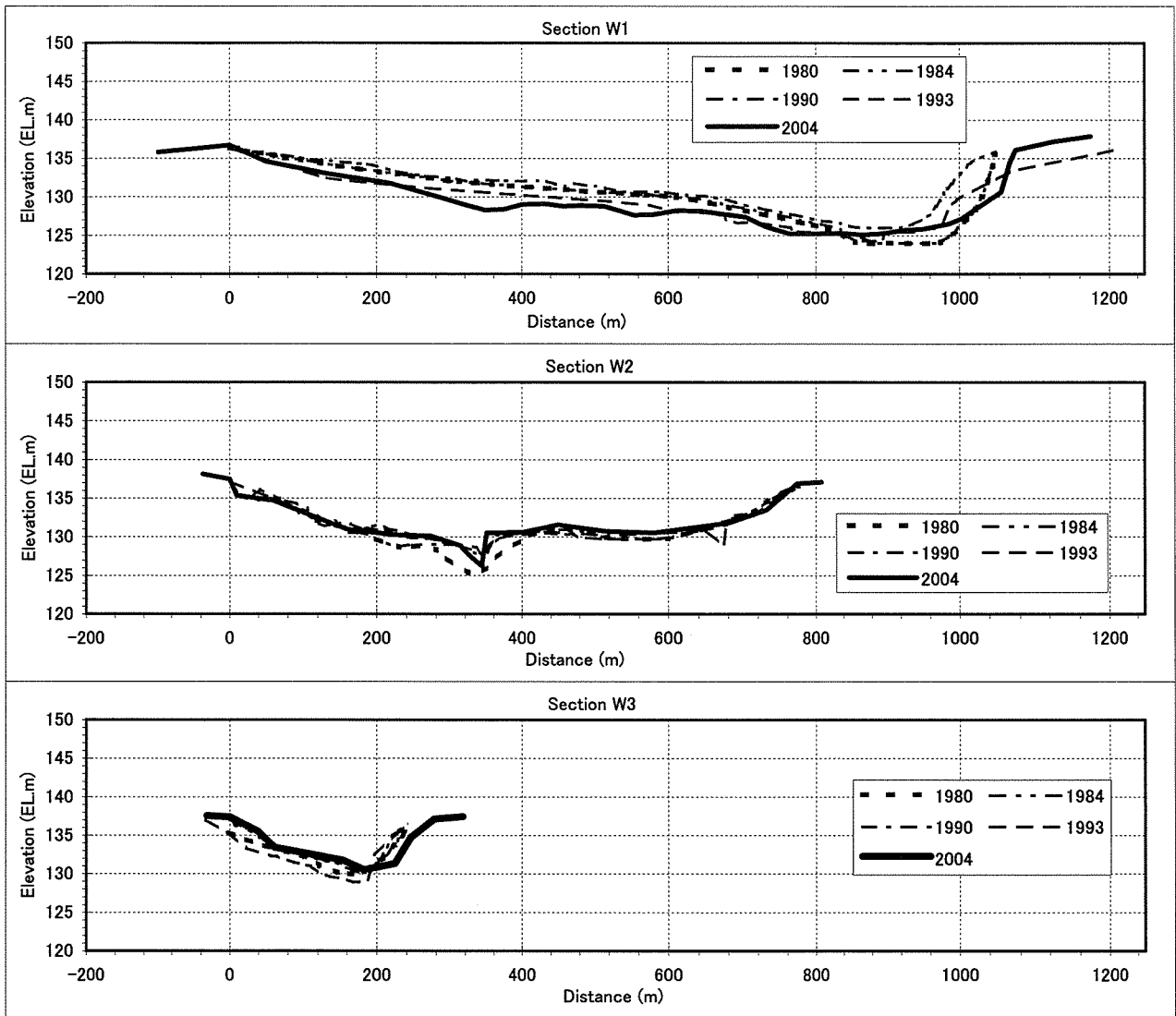


Figure A2-9 Reservoir Sections in Wuruyantro River in 1980-2004 (1/1)

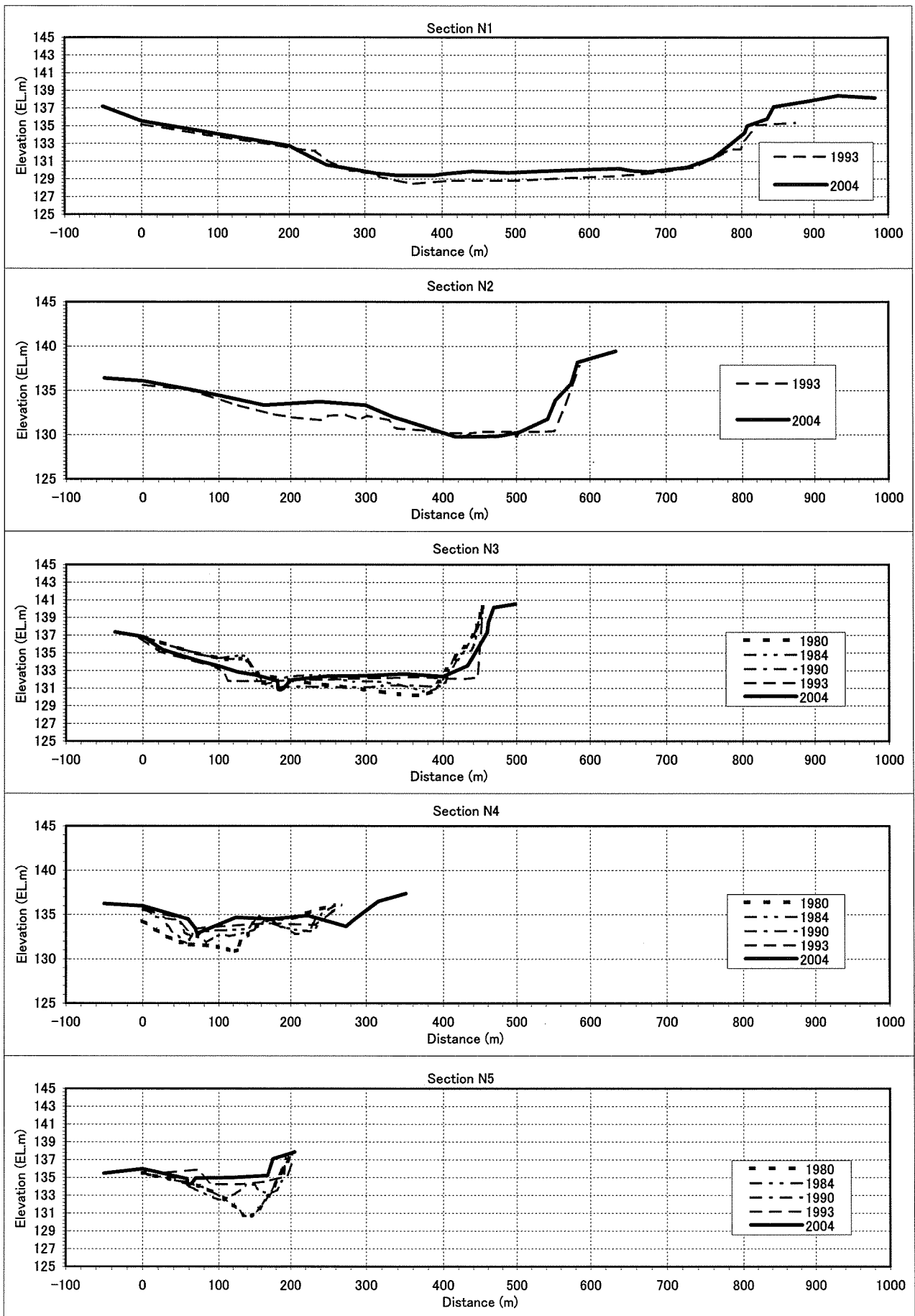


Figure A2-10 Reservoir Sections in Nawangan in 1980-2004 (1/1)