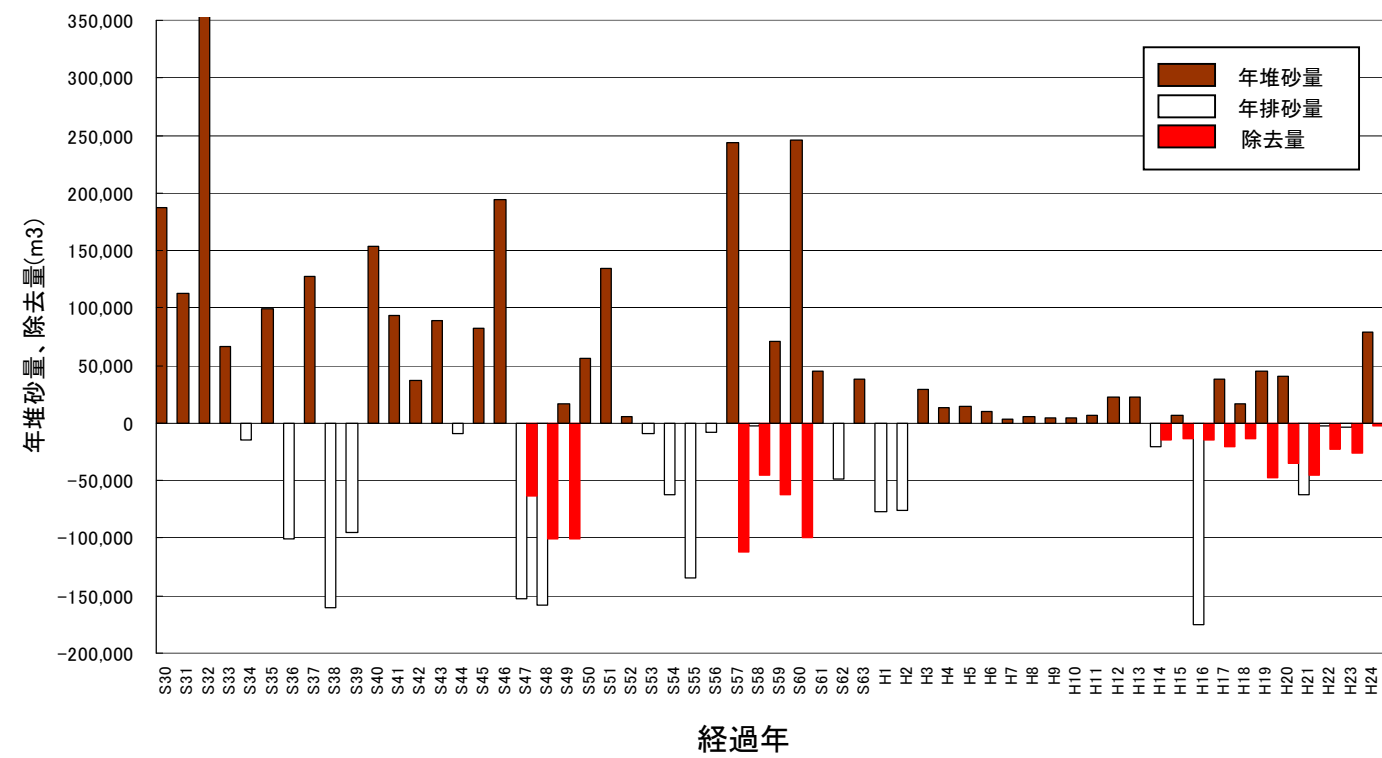
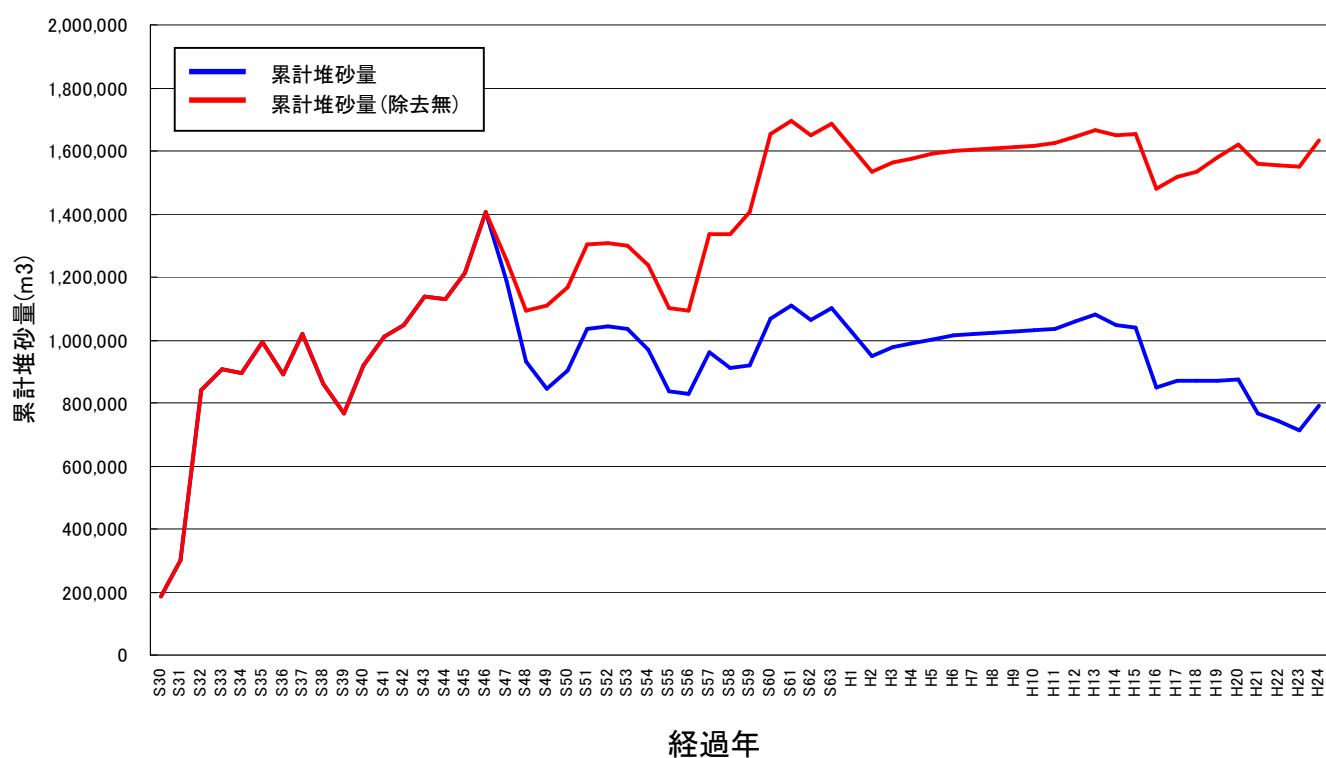


(2) 基盤環境（河川形状）

荒瀬ダム上流域における堆砂量(年)



荒瀬ダム上流域における堆砂量(累計)



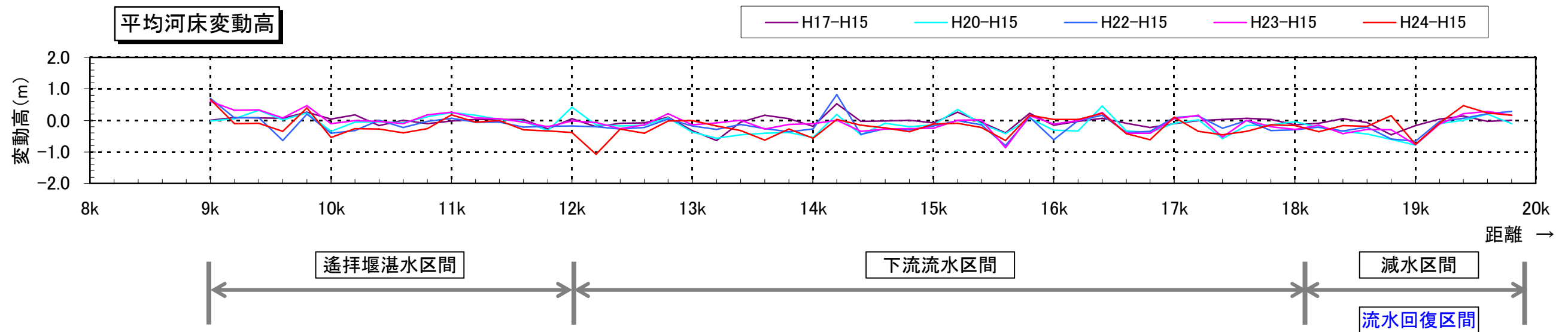
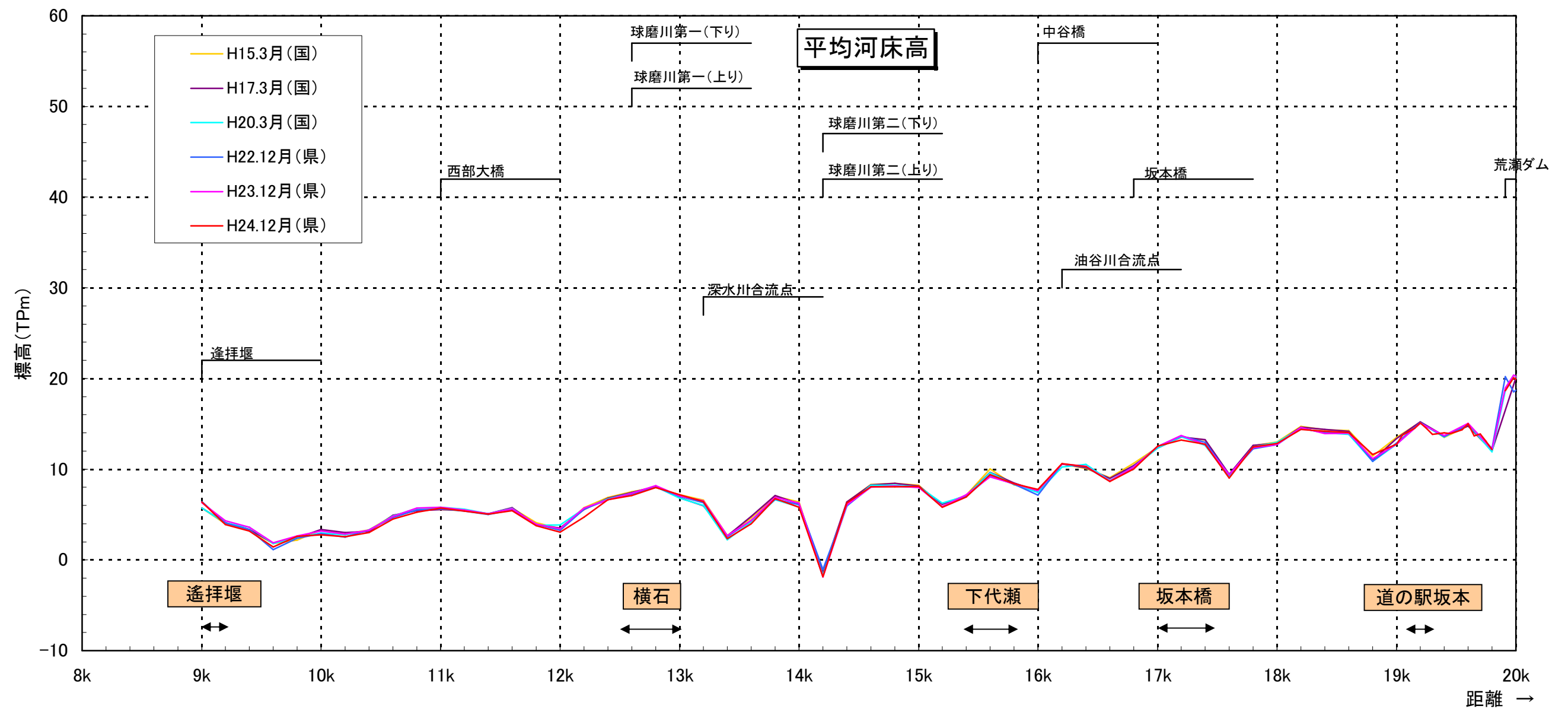
荒瀬ダム上流域における年堆砂量・年排砂量、除去量、累計堆砂量および累計堆砂量(除去無)

項目	単位	S30	S31	S32	S33	S34	S35	S36	S37	S38	S39	S40	S41	S42	S43	S44	S45	S46	S47	S48
年堆砂量	m3	187,000	113,000	543,000	66,000	-15,000	99,000	-101,000	128,000	-160,000	-95,000	153,000	94,000	37,000	89,000	-9,000	82,000	194,000	-152,311	-158,024
年排砂量	m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-63,689	-100,976
除去量	m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-63,689	-100,976
累計堆砂量	m3	187,000	300,000	843,000	909,000	894,000	993,000	892,000	1,020,000	860,000	765,000	918,000	1,012,000	1,049,000	1,138,000	1,129,000	1,211,000	1,405,000	1,189,000	930,000
累計堆砂量(除去無)	m3	187,000	300,000	843,000	909,000	894,000	993,000	892,000	1,020,000	860,000	765,000	918,000	1,012,000	1,049,000	1,138,000	1,129,000	1,211,000	1,405,000	1,252,689	1,094,665

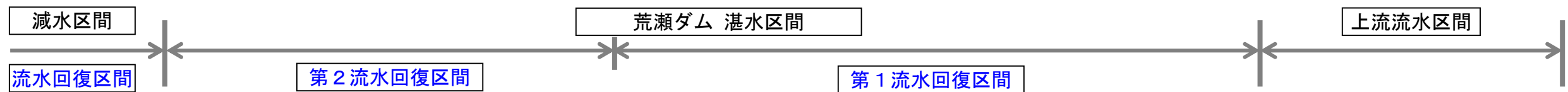
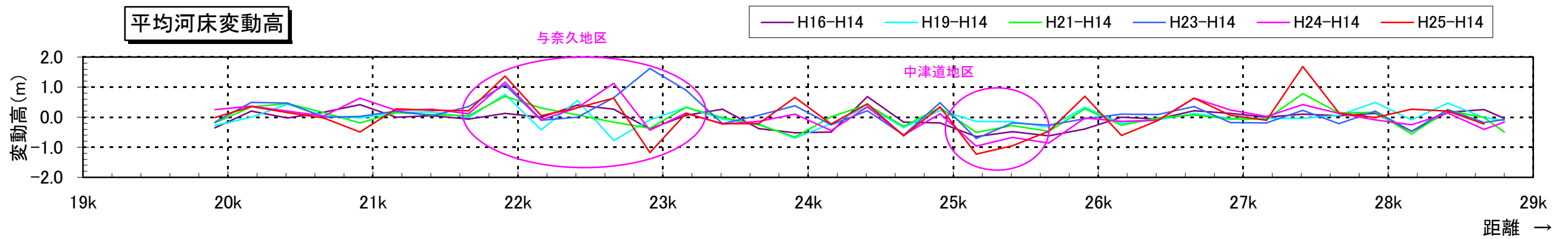
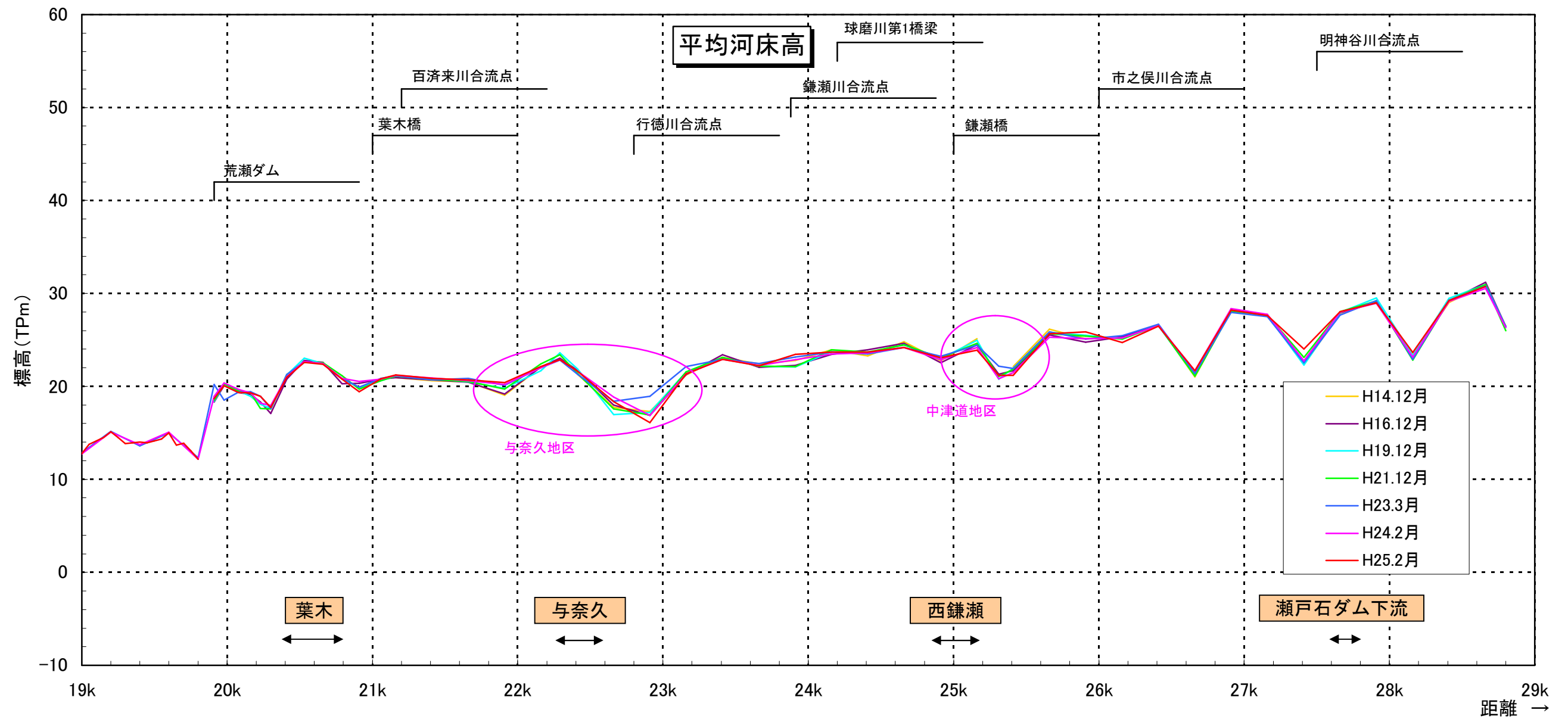
項目	単位	S49	S50	S51	S52	S53	S54	S55	S56	S57	S58	S59	S60	S61	S62	S63	H1	H2	H3	H4
年堆砂量	m3	16,625	56,000	134,000	6,000	-9,000	-62,000	-135,000	-8,000	244,248	-2,230	70,621	245,864	45,000	-49,000	38,000	-77,000	-76,000	29,000	13,000
年排砂量	m3	-100,625	0	0	0	0	0	0	0	-112,248	-45,770	-62,621	-99,864	0	0	0	0	0	0	0
除去量	m3	-100,625	0	0	0	0	0	0	0	-112,248	-45,770	-62,621	-99,864	0	0	0	0	0	0	0
累計堆砂量	m3	846,000	902,000	1,036,000	1,042,000	1,033,000	971,000	836,000	828,000	960,000	912,000	920,000	1,066,000	1,111,000	1,062,000	1,100,000	1,023,000	947,000	976,000	989,000
累計堆砂量(除去無)	m3	1,111,290	1,167,290	1,301,290	1,307,290	1,298,290	1,236,290	1,101,290	1,093,290	1,337,538	1,335,308	1,405,929	1,651,793	1,696,793	1,647,793	1,685,793	1,608,793	1,532,793	1,561,793	1,574,793

項目	単位	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20	H21	H22	H23	H24
年堆砂量	m3	15,000	10,000	3,000	5,000	4,000	4,000	7,000	23,000	22,000	-20,000	7,200	-175,600	38,000	17,000	45,000	41,000	-62,000	-2,000	-4,000	78,840
年排砂量	m3	0	0	0	0	0	0	0	0	0	-15,000	-13,200	-14,400	-20,000	-14,000	-47,000	-35,000	-45,000	-23,000	-26,000	-1,840
除去量	m3	0	0	0	0	0	0	0	0	0	-15,000	-13,200	-14,400	-20,000	-14,000	-47,000	-35,000	-45,000	-23,000	-26,000	-1,840
累計堆砂量	m3	1,004,000	1,014,000	1,017,000	1,022,000	1,026,000	1,030,000	1,037,000	1,060,000	1,082,000	1,047,000	1,041,000	851,000	869,000	872,000	870,000	876,000	769,000	744,000	714,000	791,000
累計堆砂量(除去無)	m3	1,589,793	1,599,793	1,602,793	1,607,793	1,611,793	1,615,793	1,622,793	1,645,793	1,667,793	1,647,793	1,654,993	1,479,393	1,517,393	1,534,393	1,579,393	1,620,393	1,558,393	1,556,393	1,552,393	1,631,233

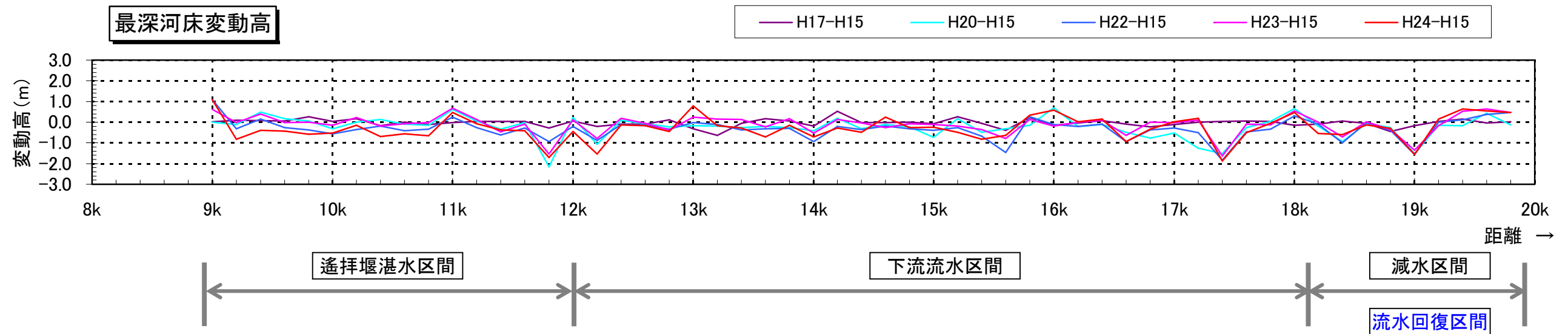
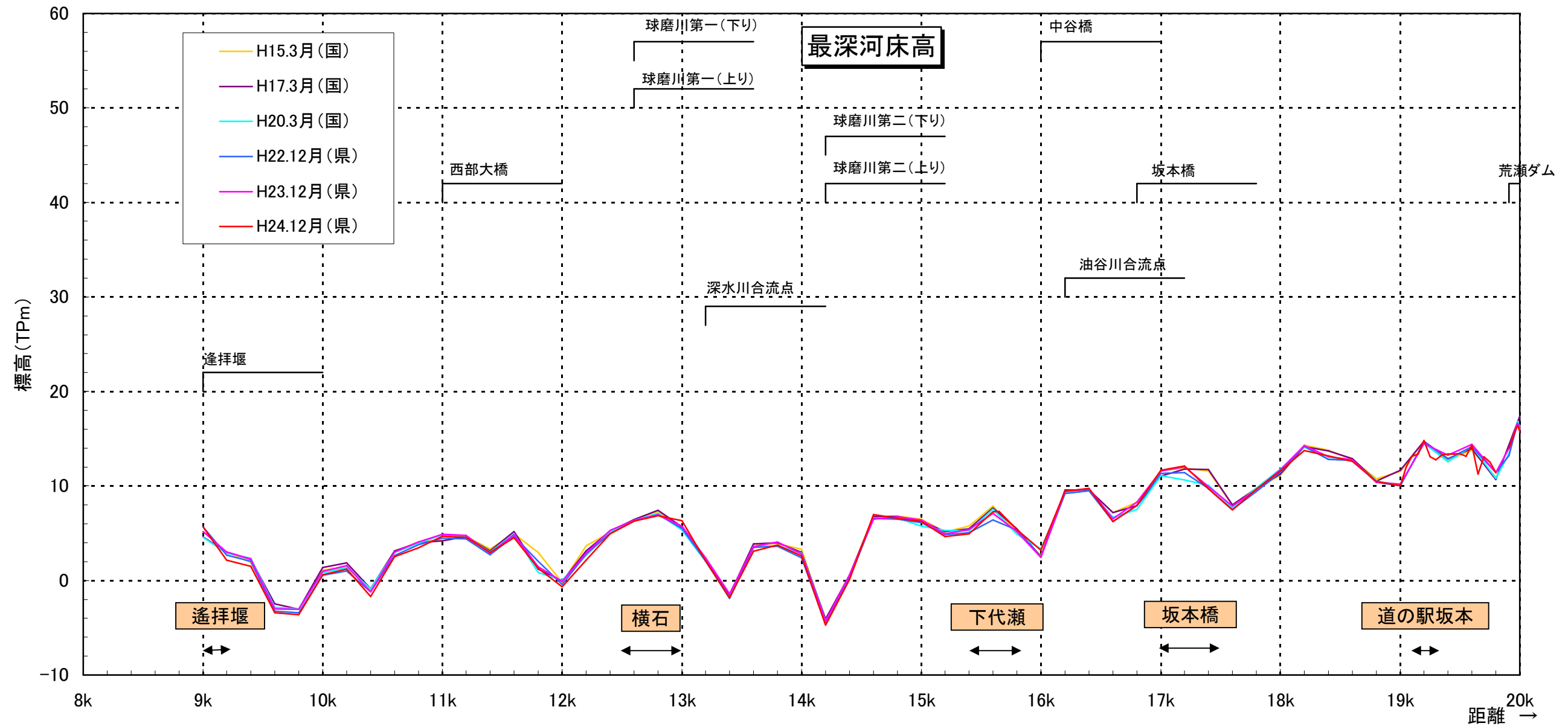
縦断形状（平均河床高）



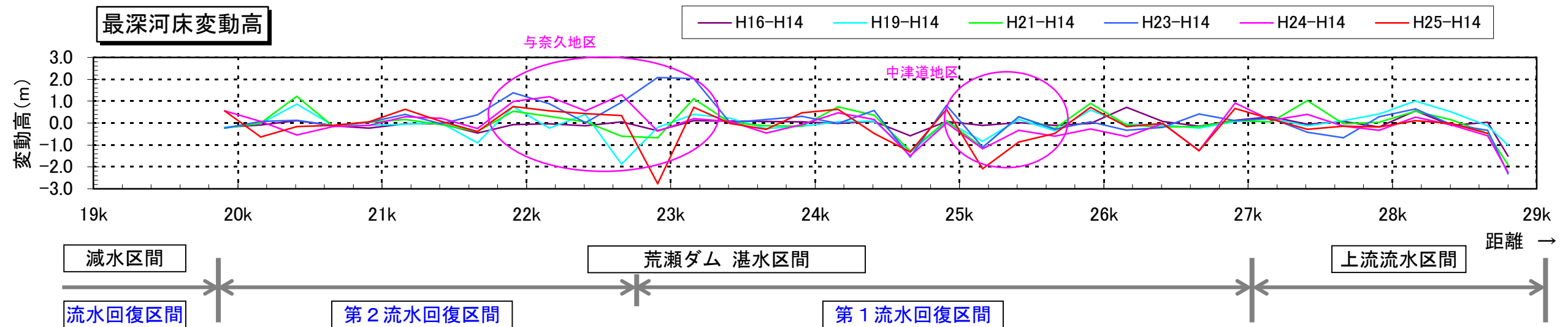
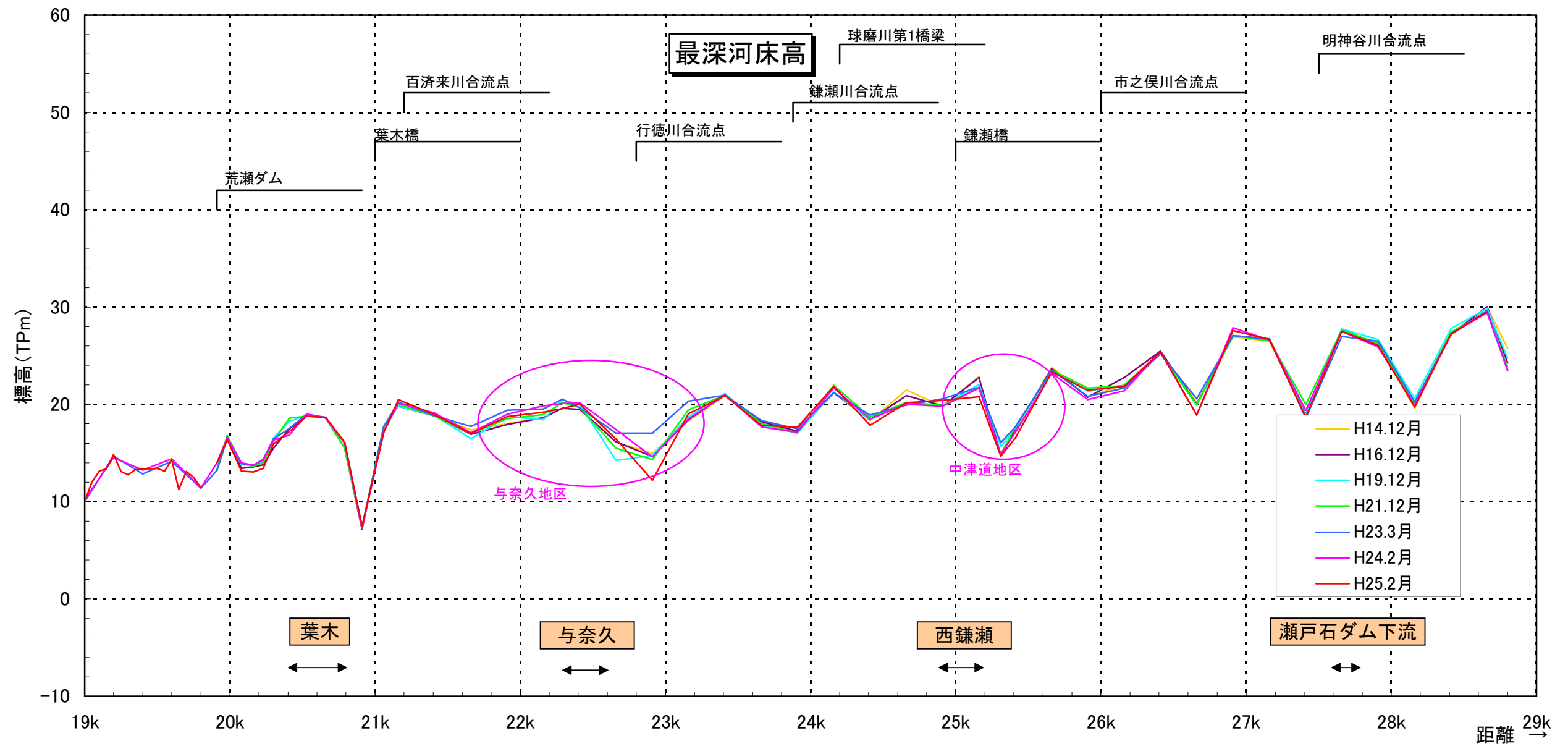
縦断形状（平均河床高）



縦断形状（最深河床高）

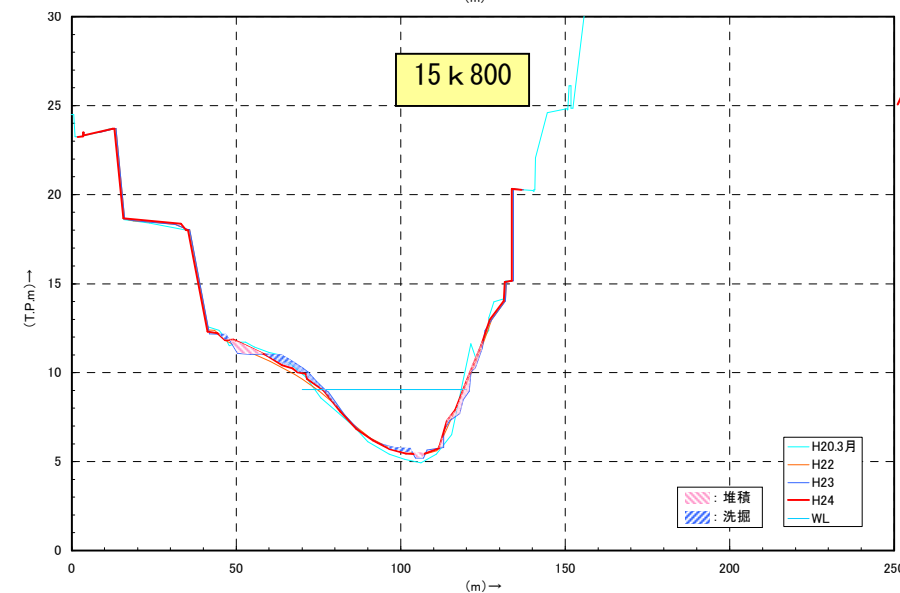
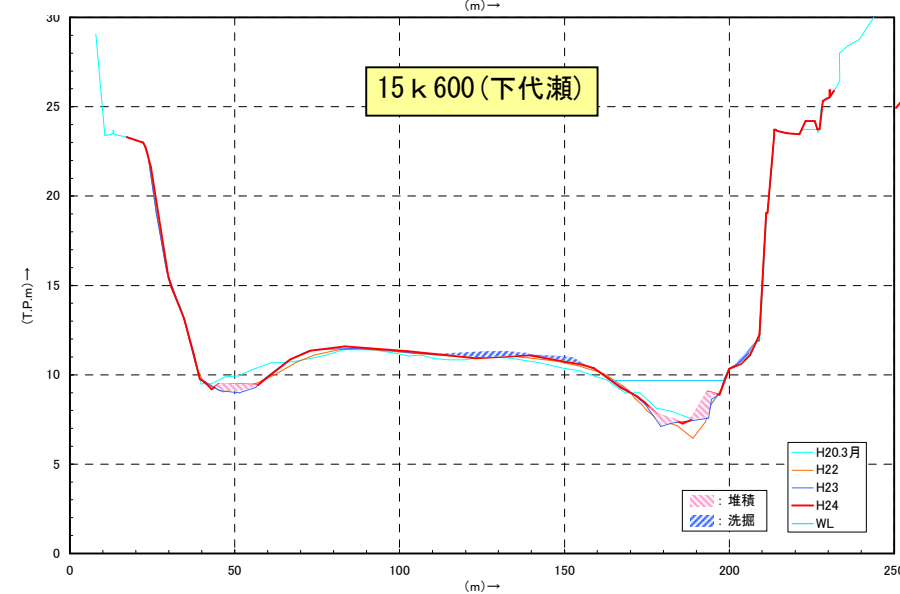
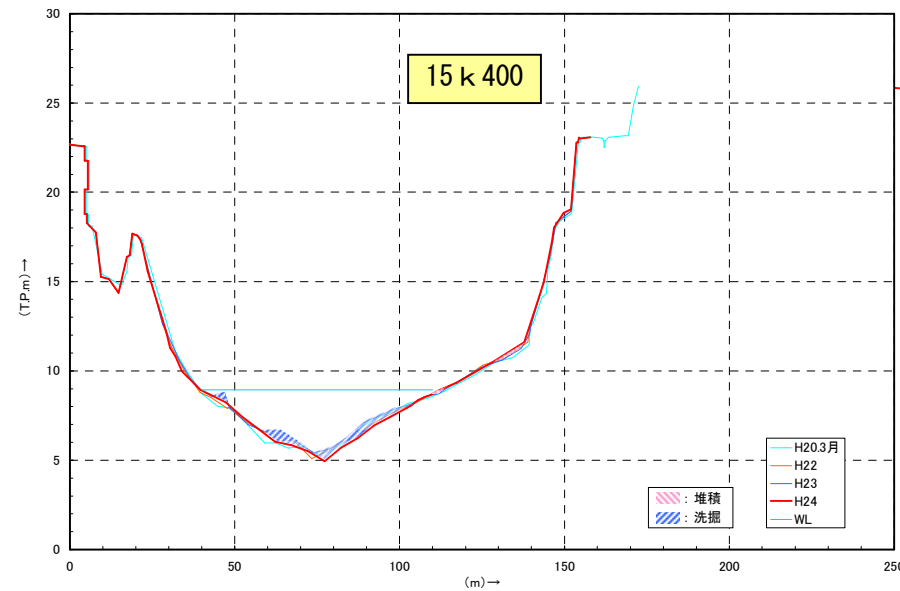


縦断形状（最深河床高）

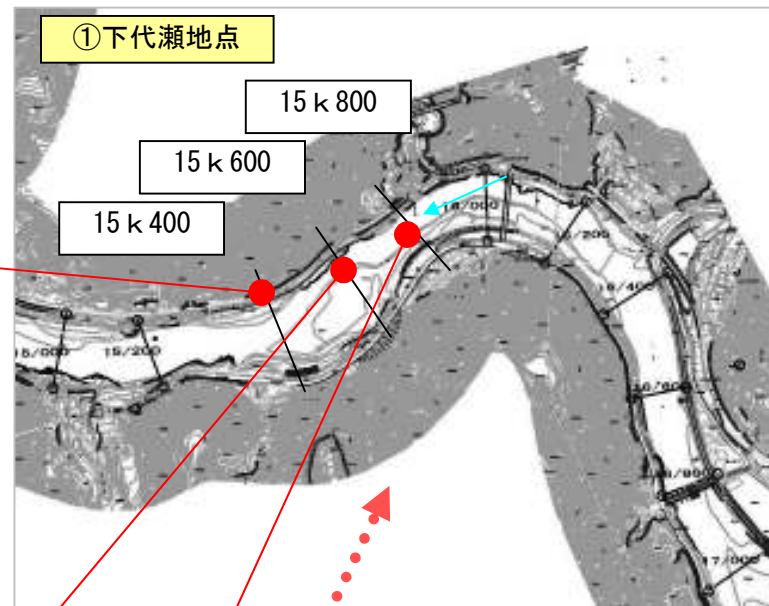


①下代瀬地点

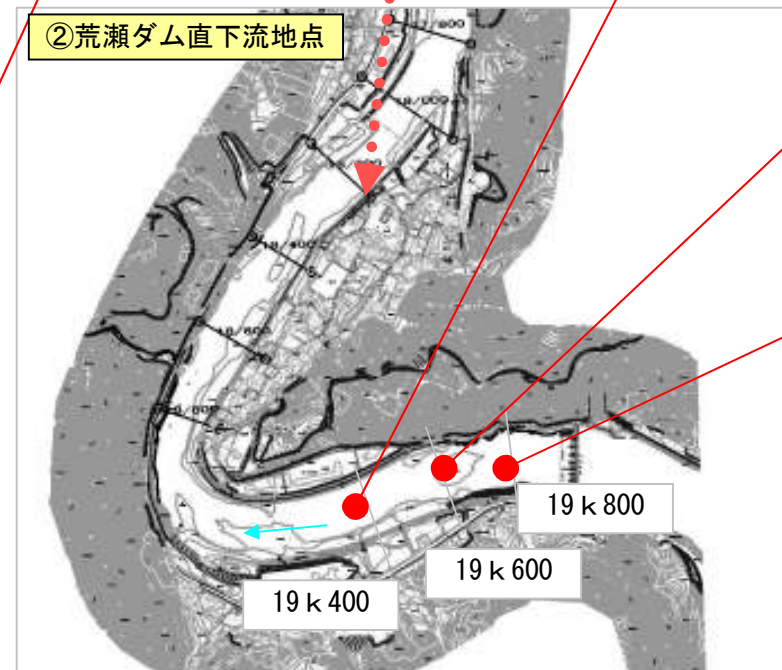
下代瀬（15 k 400～15 k 800）では、下流地点で若干の洗掘は確認できるが、特に大きな変化はみられない。



①下代瀬地点



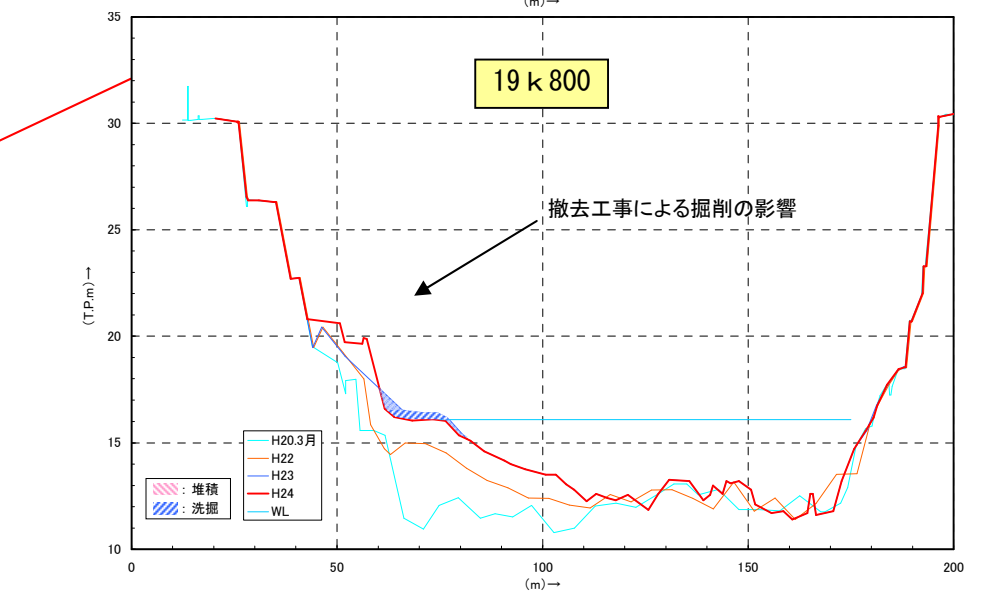
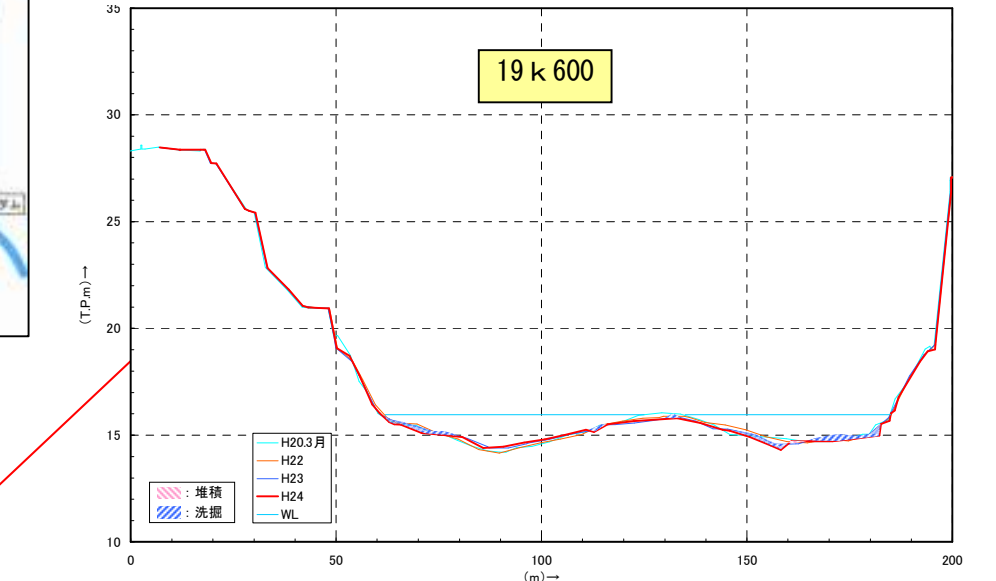
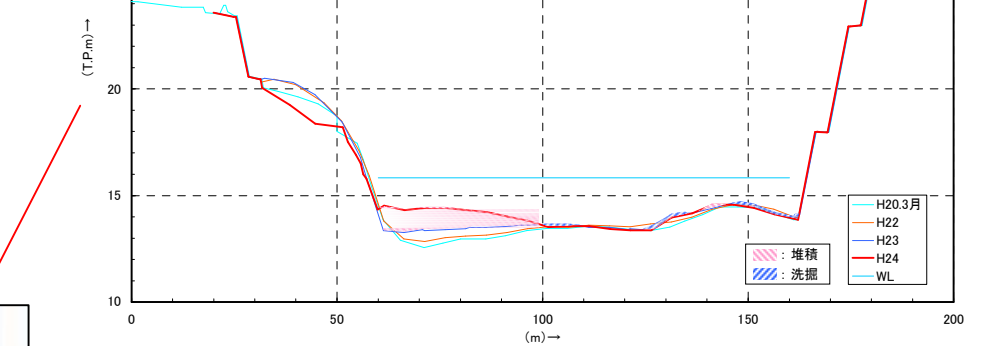
②荒瀬ダム直下流地点



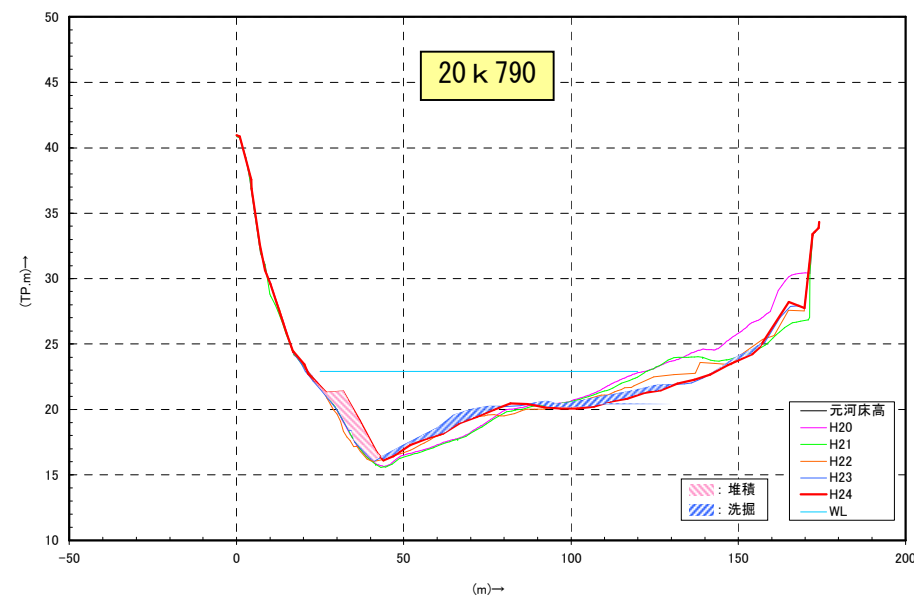
河床横断形状の経年変化（ダム下流）

②荒瀬ダム直下流地点

ゲート開放後、大きな堆積傾向がみられた荒瀬ダム直下流(19 k 800)左岸では、今年度、新たな堆積は生じていないが、下流の 19k400 地点左岸で、堆積傾向がみられる。



ダム直上流区間の全体的には若干の洗掘傾向がみられる。



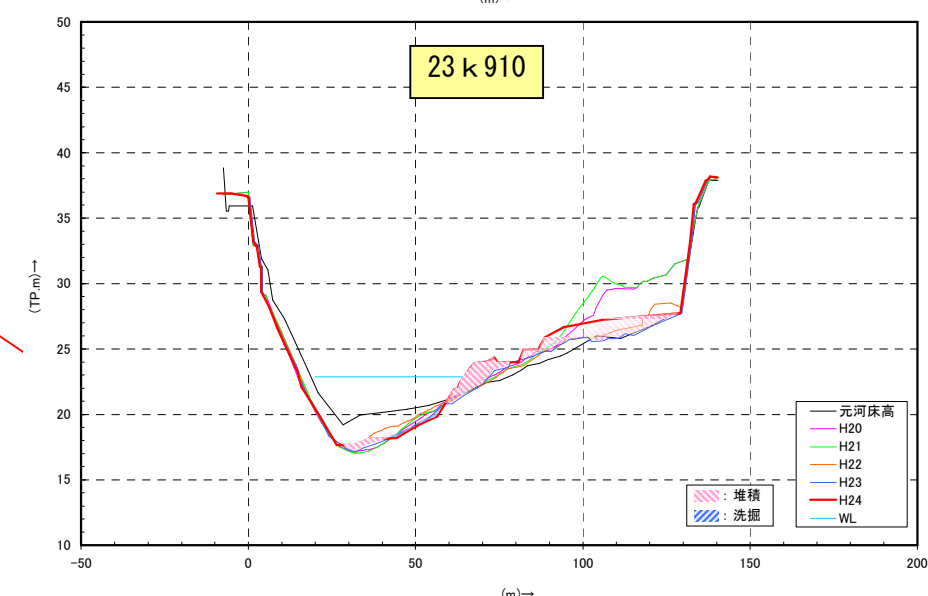
③荒瀬ダム直上流付近

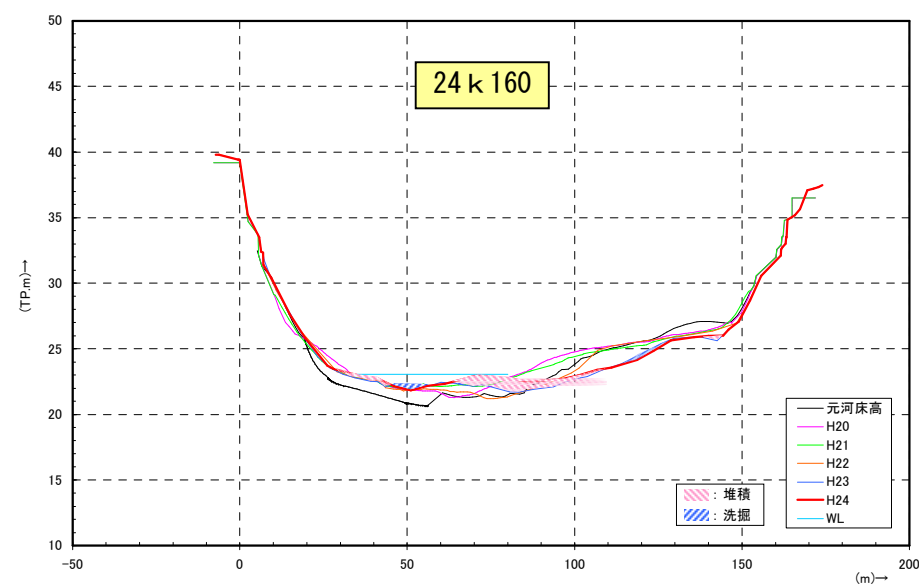
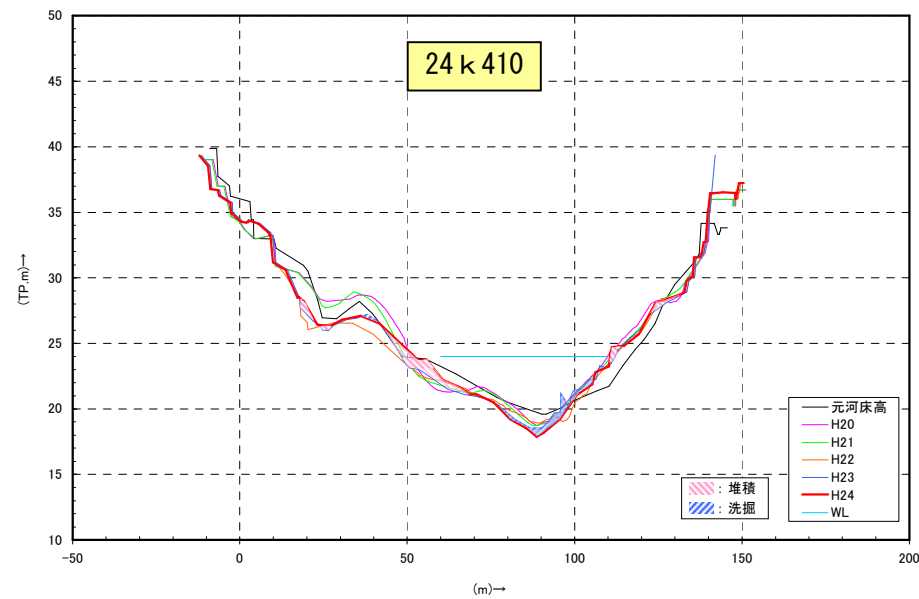
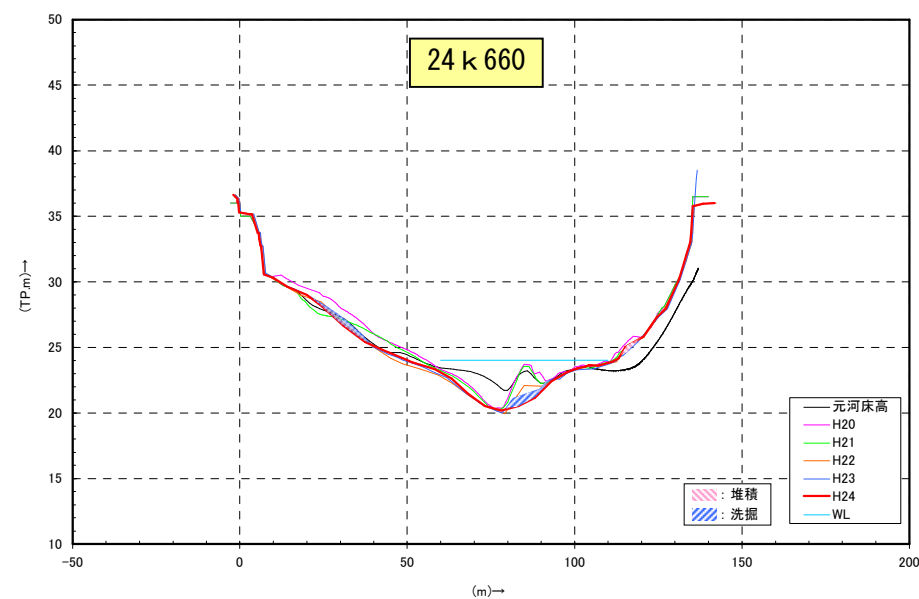
Topographic map showing the area around the Arakawa Dam (荒瀬ダム). The map includes contour lines, a dam structure, and several observation points marked with red dots. A red line connects the points, and a blue arrow points towards the dam. Labels include '19 k 910', '20 k 300', '20 k 790', and '荒瀬ダム'.

[illegible]

河床横断形状の経年変化（ダム上流）

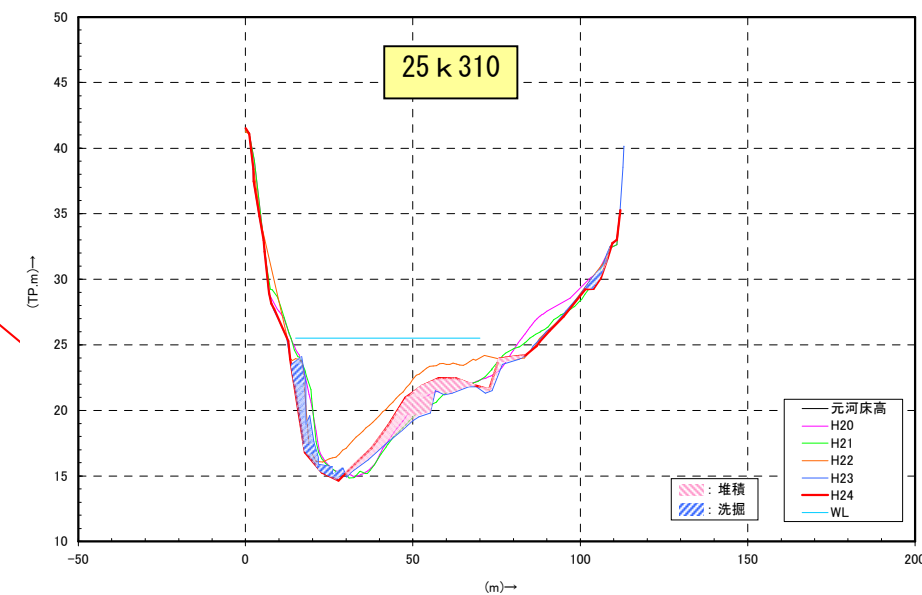
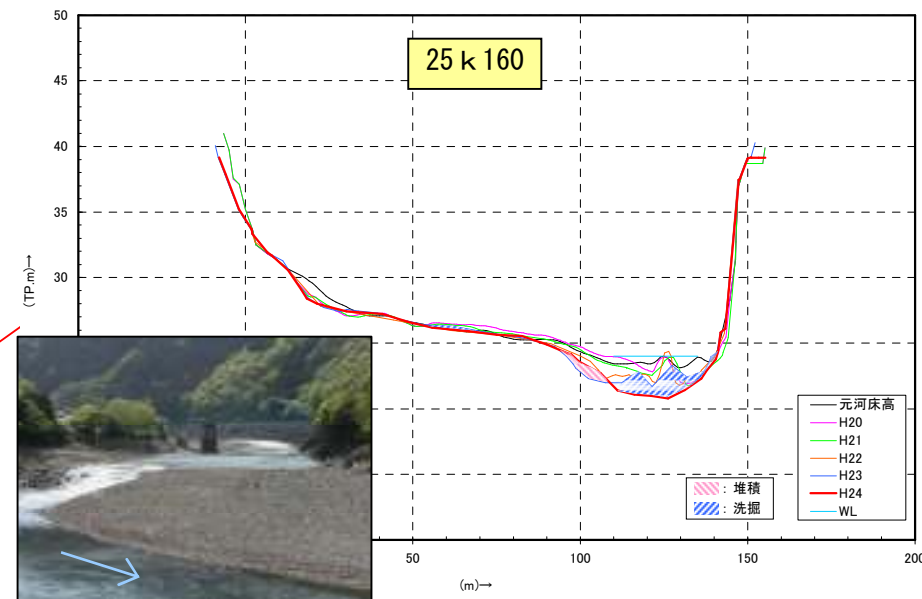
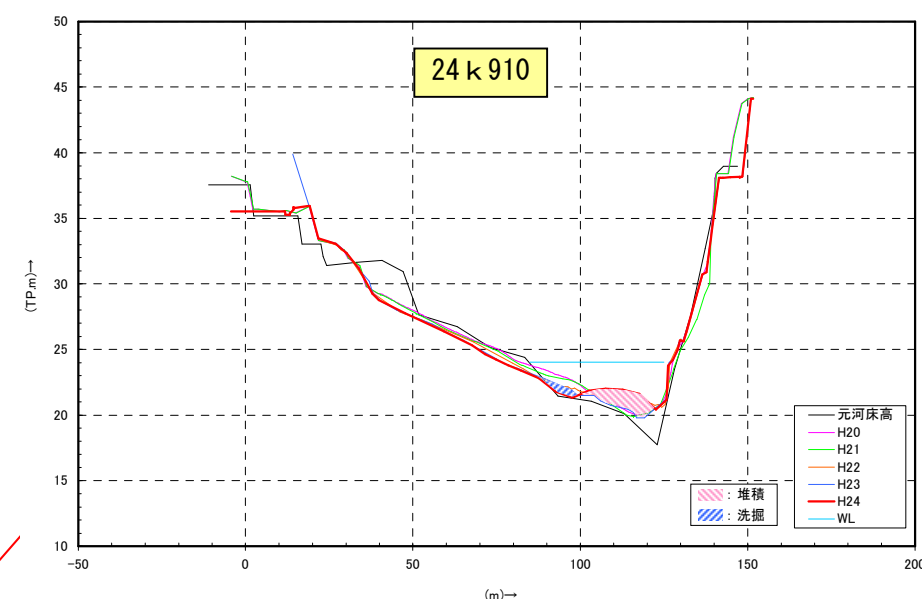
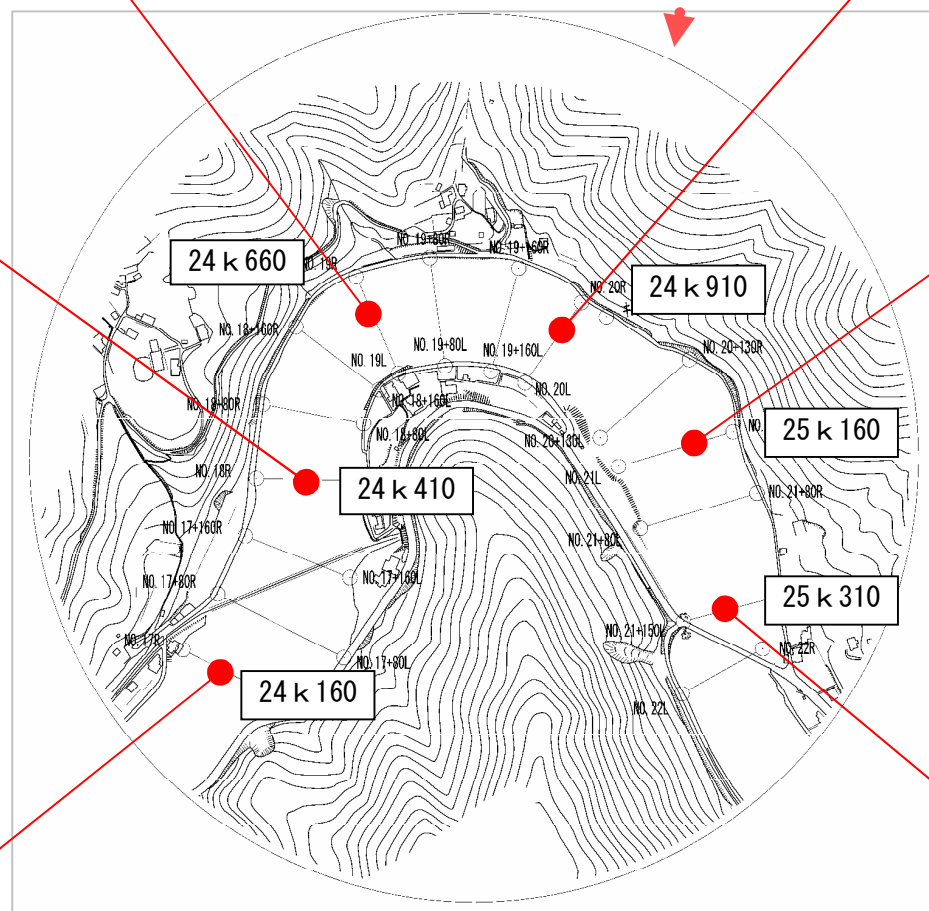
鎌瀬川合流点付近では、右岸側で堆積傾向がみられる。下流側では、洗掘傾向にある。



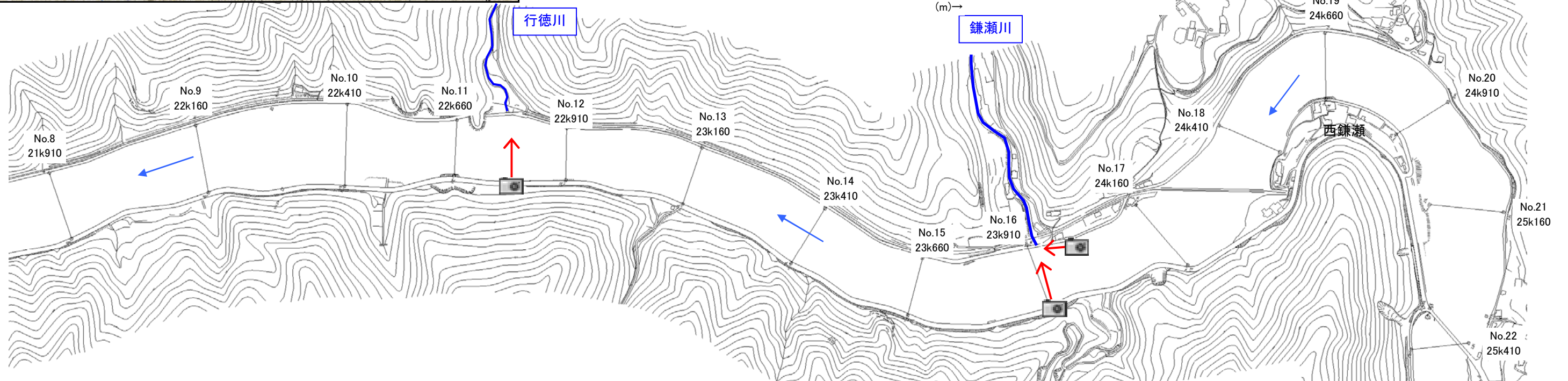
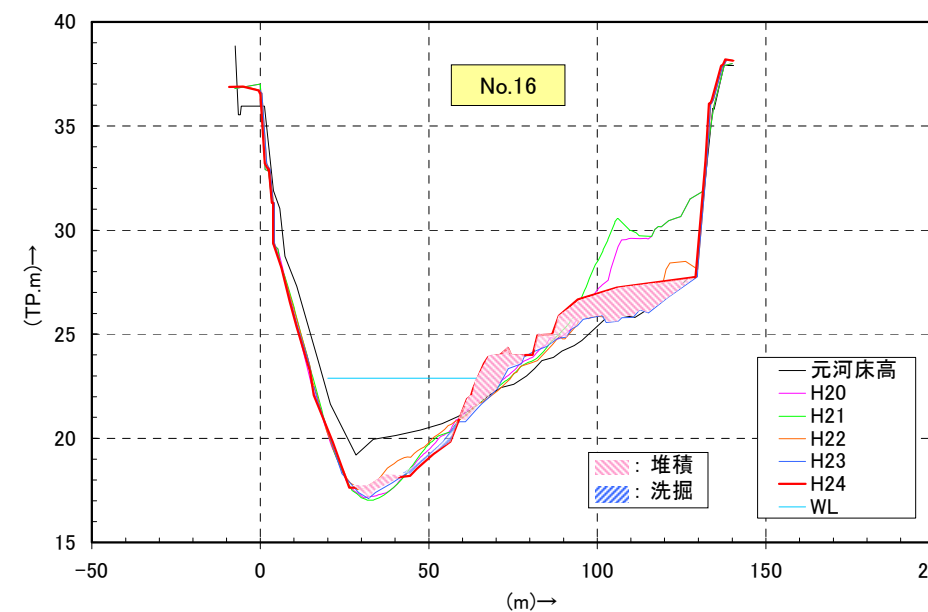


⑤西鎌瀬付近

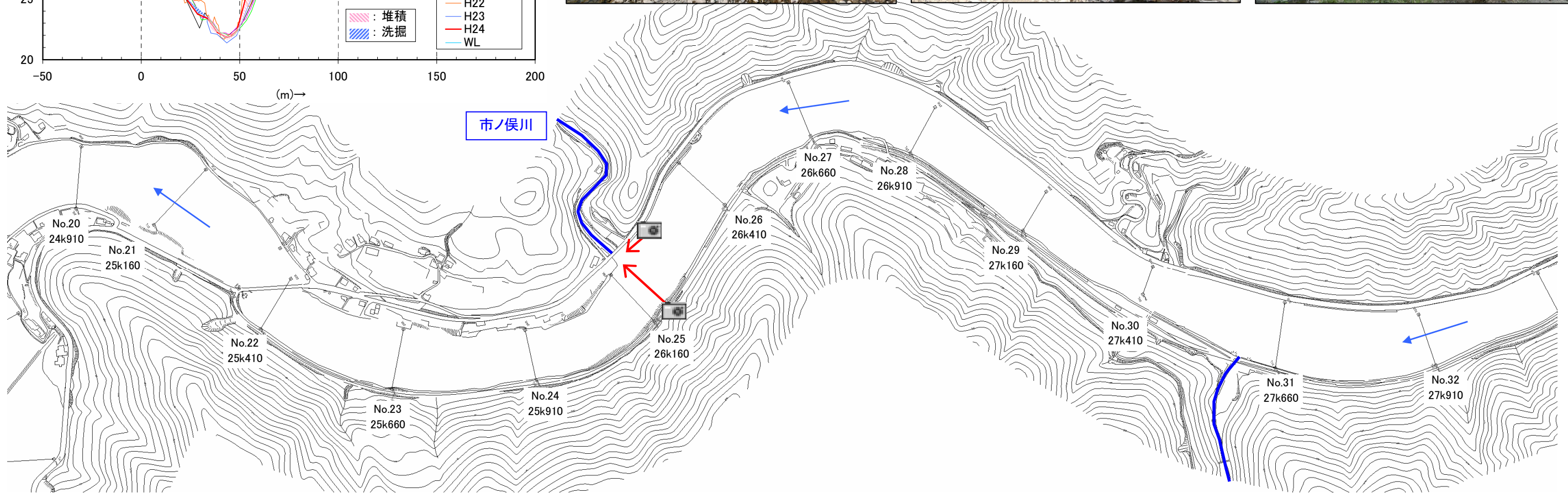
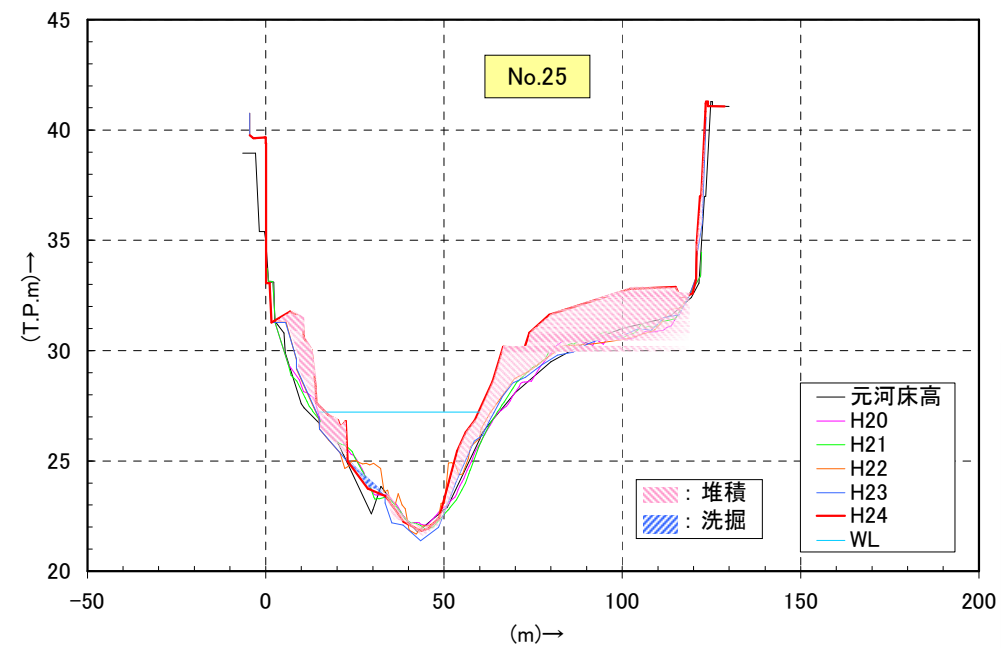
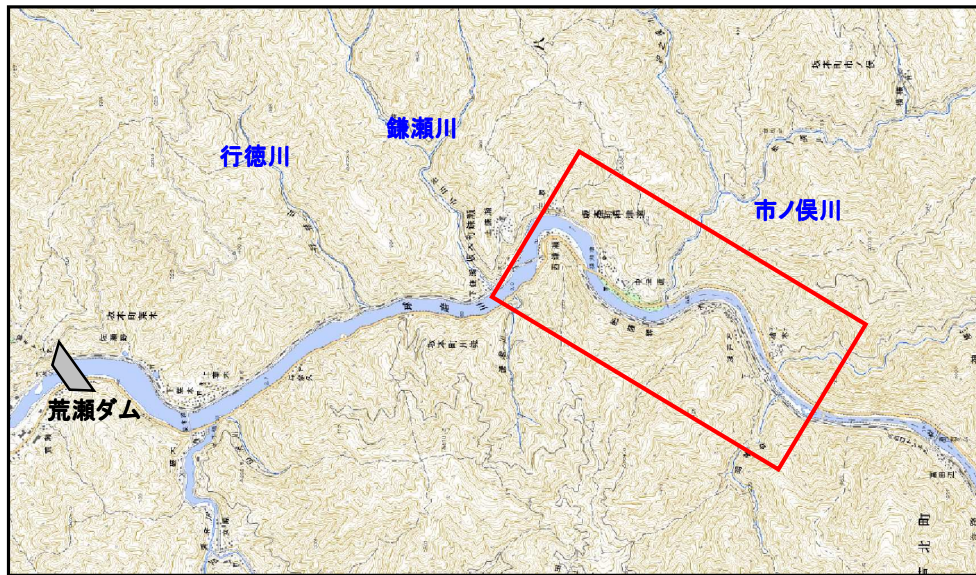
流水回復区間である西鎌瀬付近 (25 k 付近) では、瀬が形成されている。



河床横断形状の経年変化 (ダム上流)

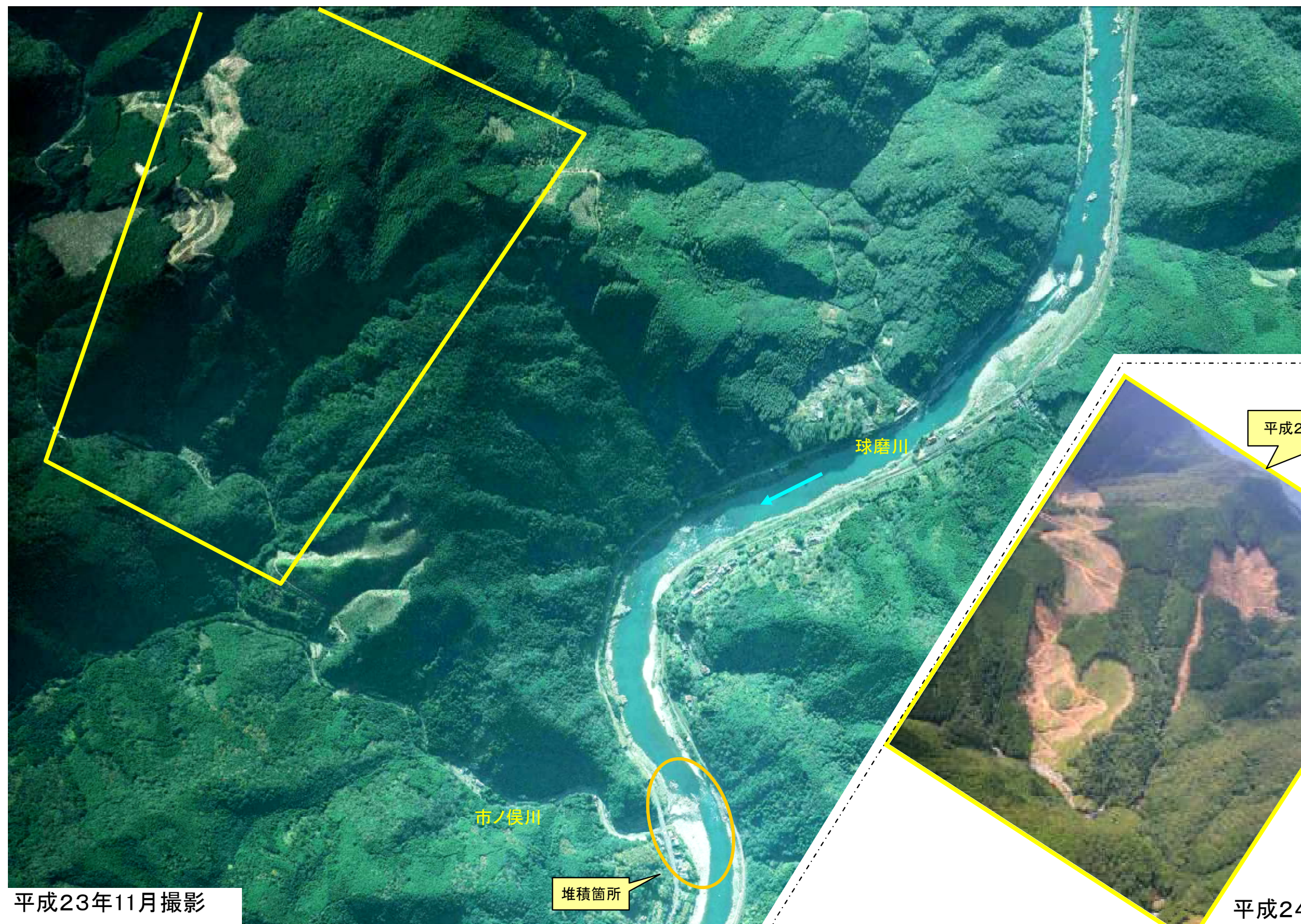


支川からの土砂流出状況（行徳川、鎌瀬川）



支川からの土砂流出状況（市ノ俣川）

明神谷川



球磨川

市ノ俣川

堆積箇所

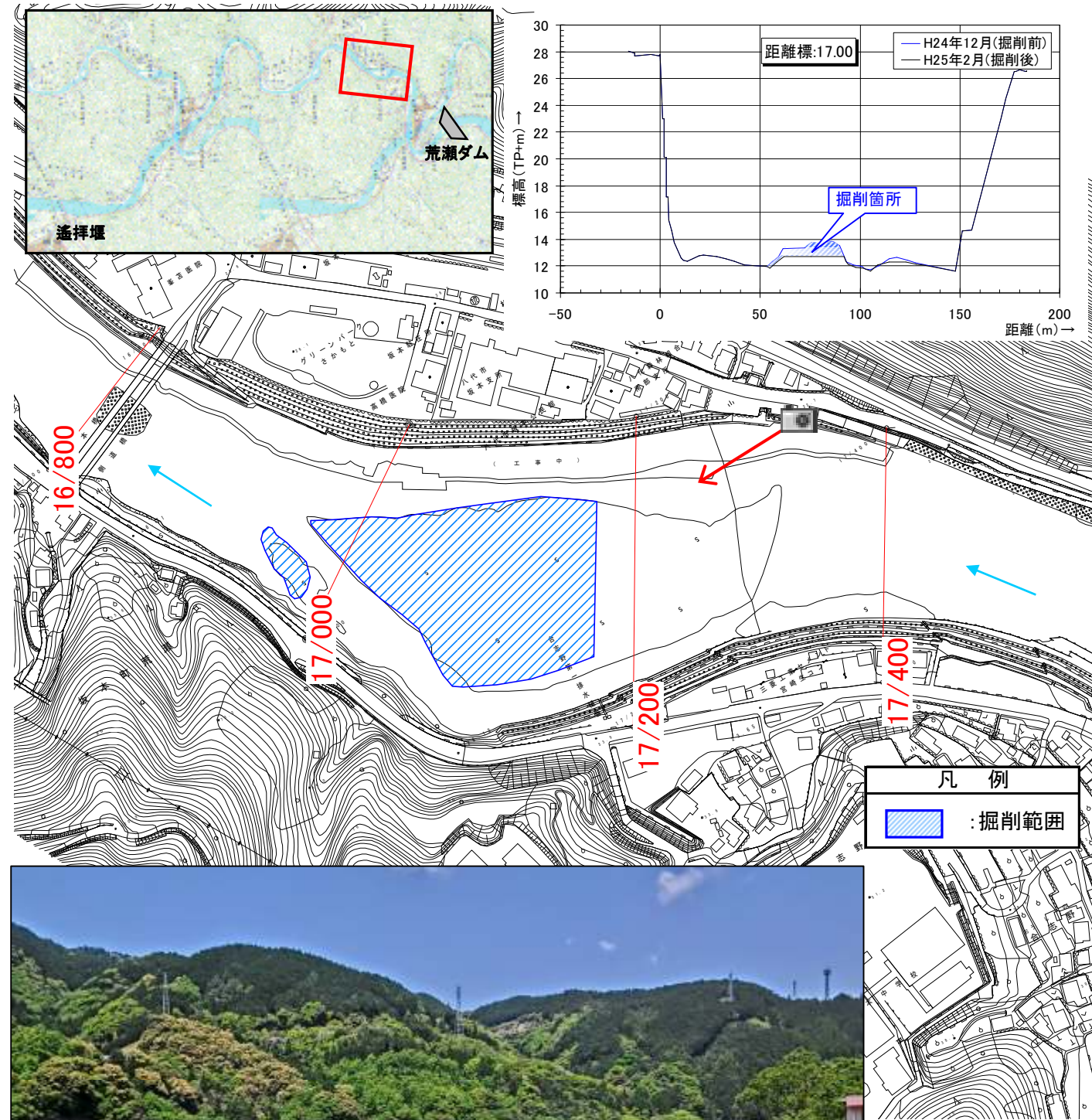
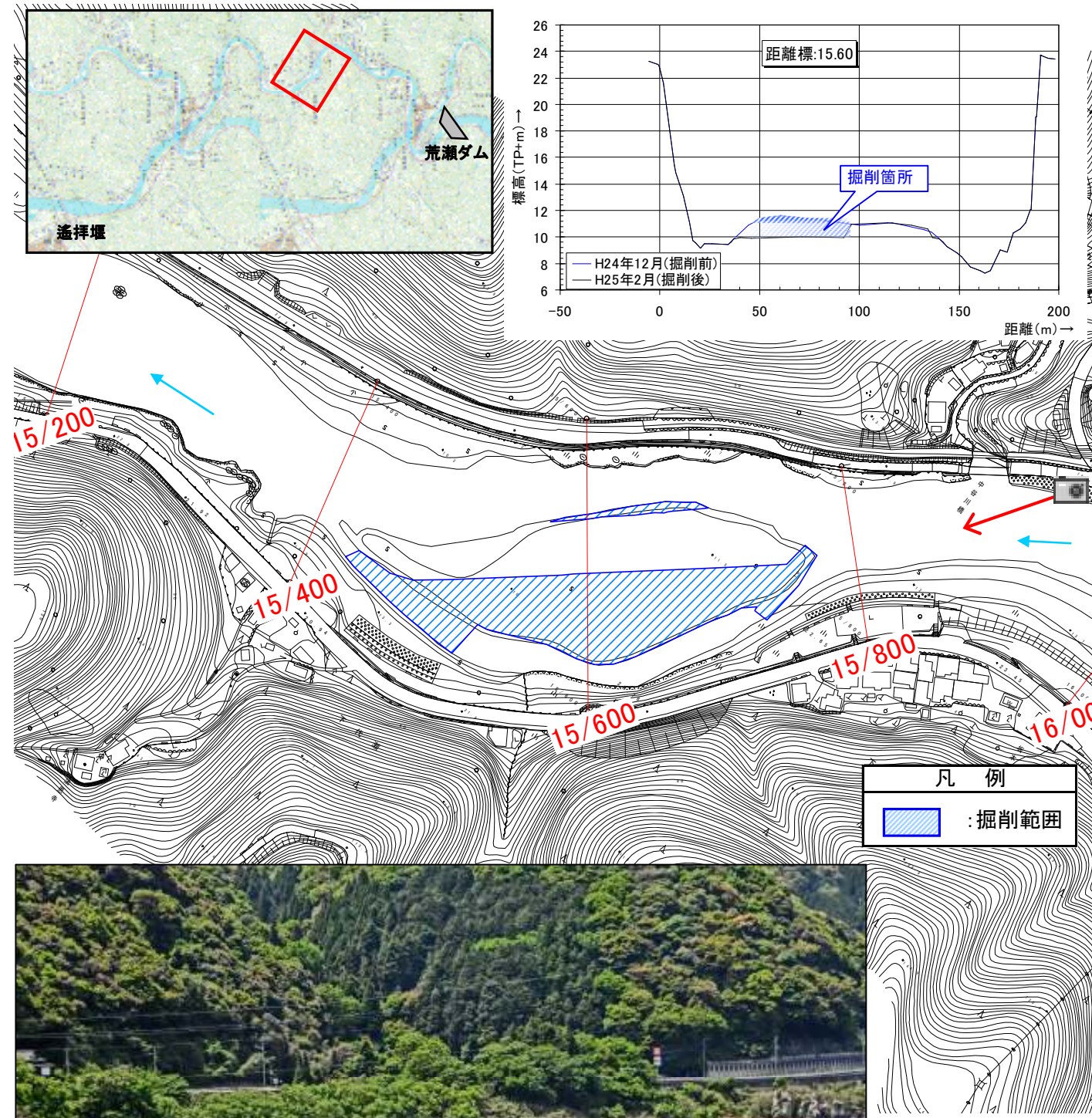
平成23年11月撮影



平成24年7月崩壊箇所

平成24年7月撮影

○国土交通省による河床掘削



【ダム下流域】

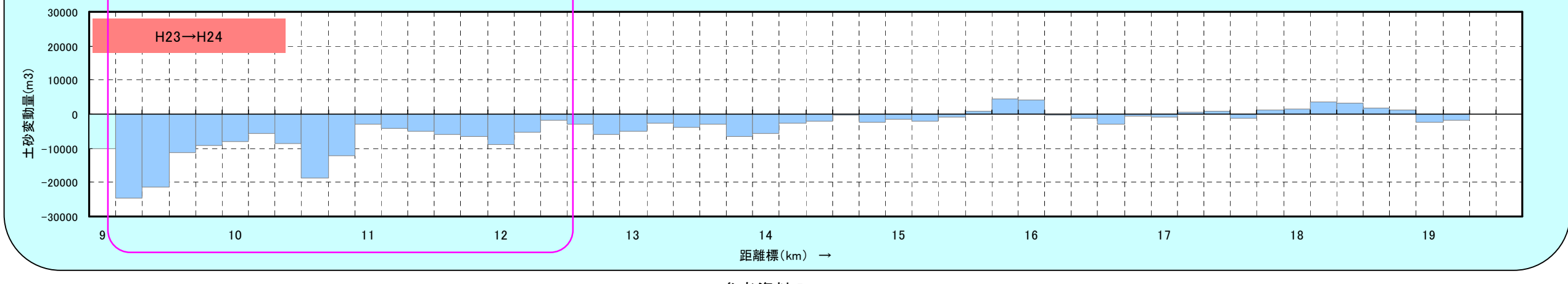
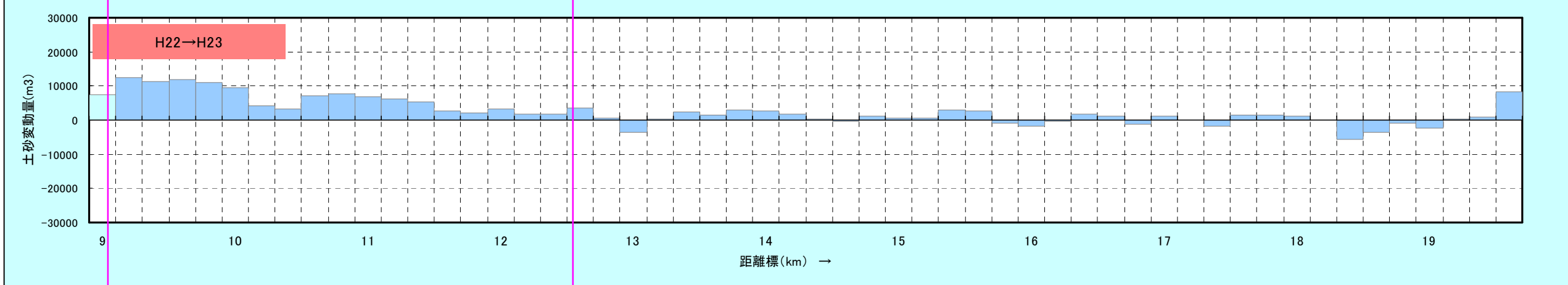
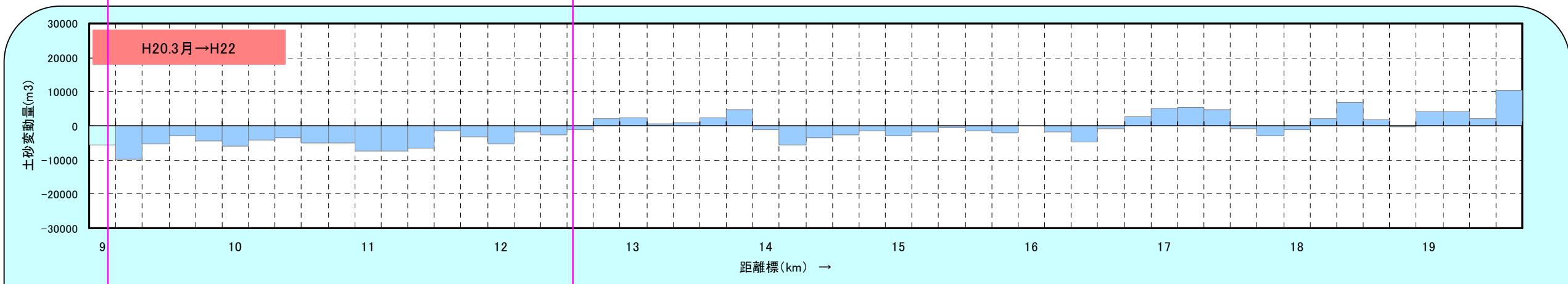
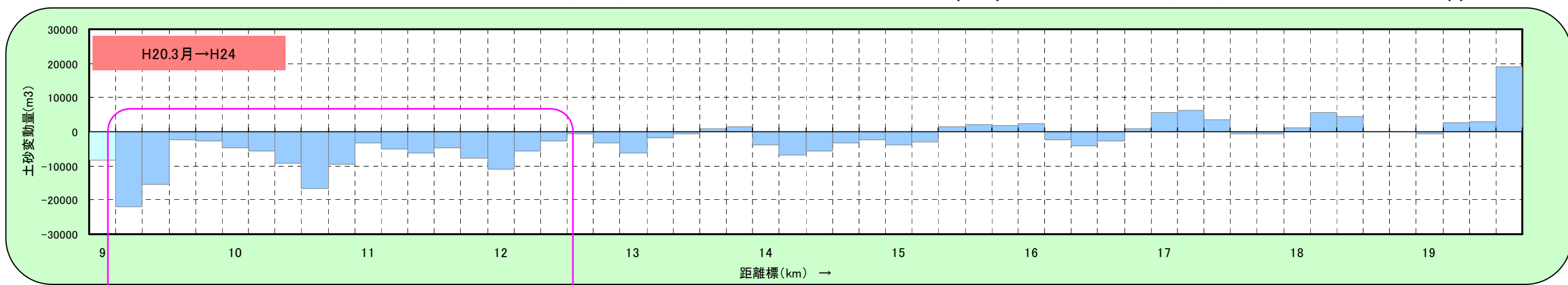
遙拝堰

横石

下代瀬

坂本橋

道の駅坂本



【ダム上流域】

