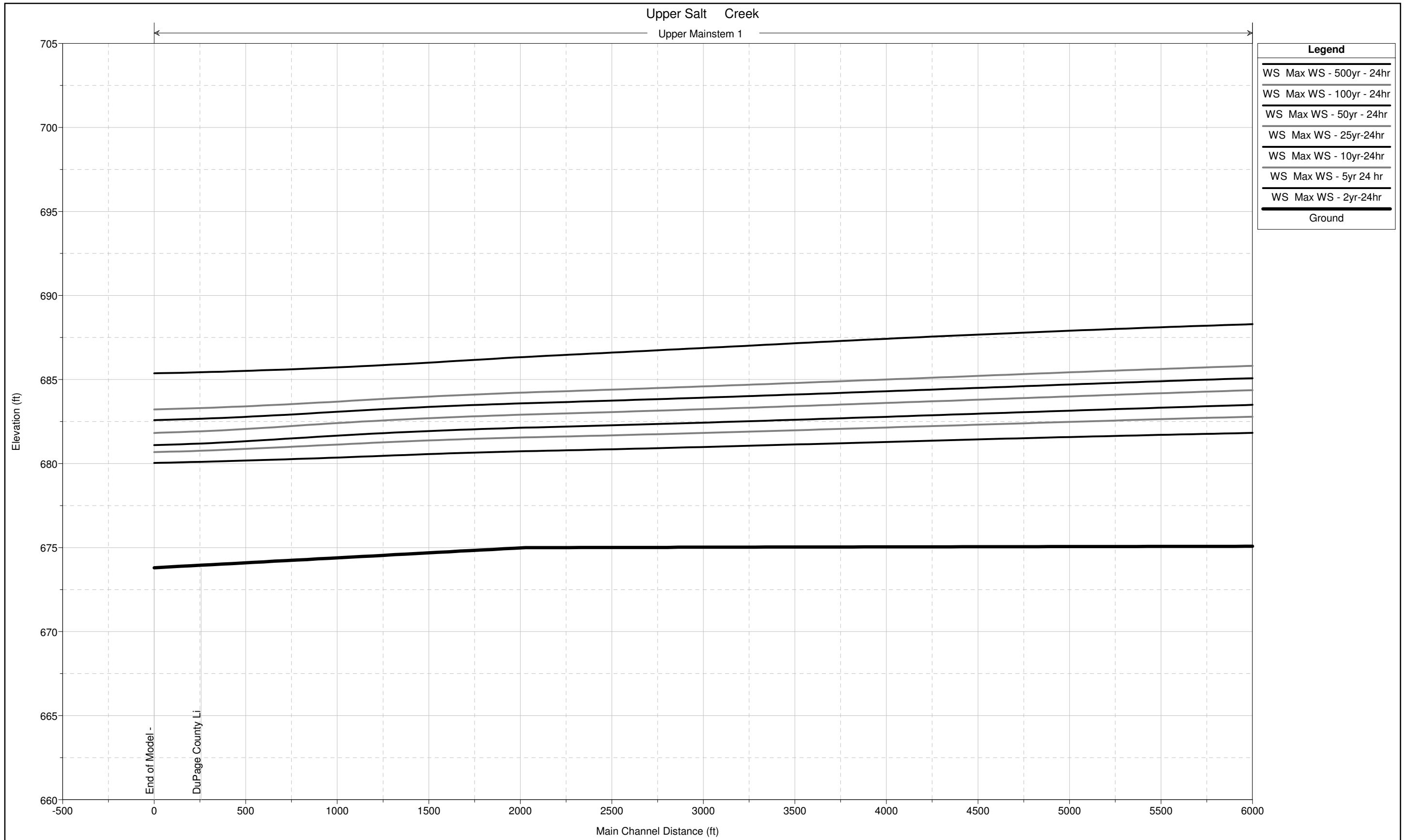
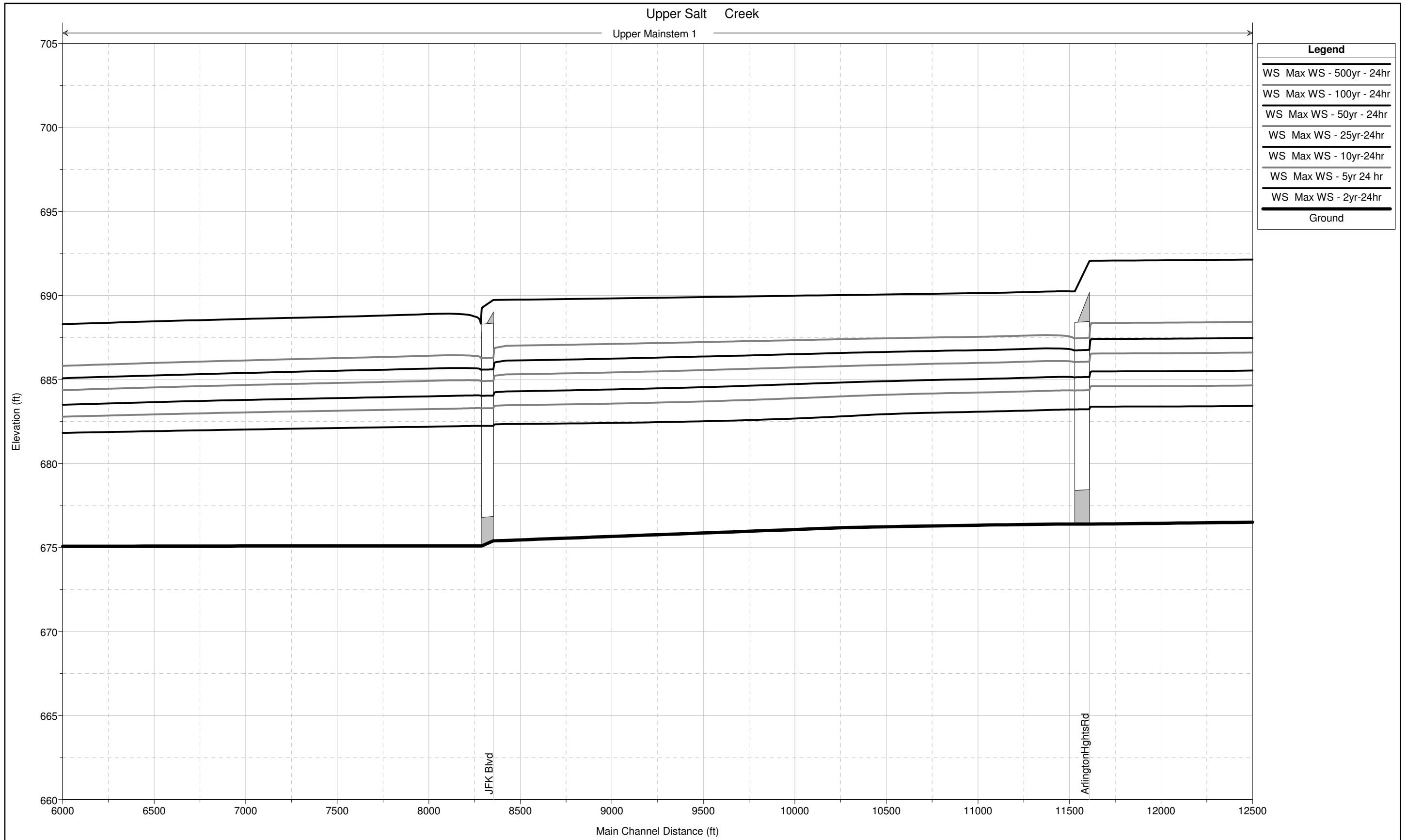
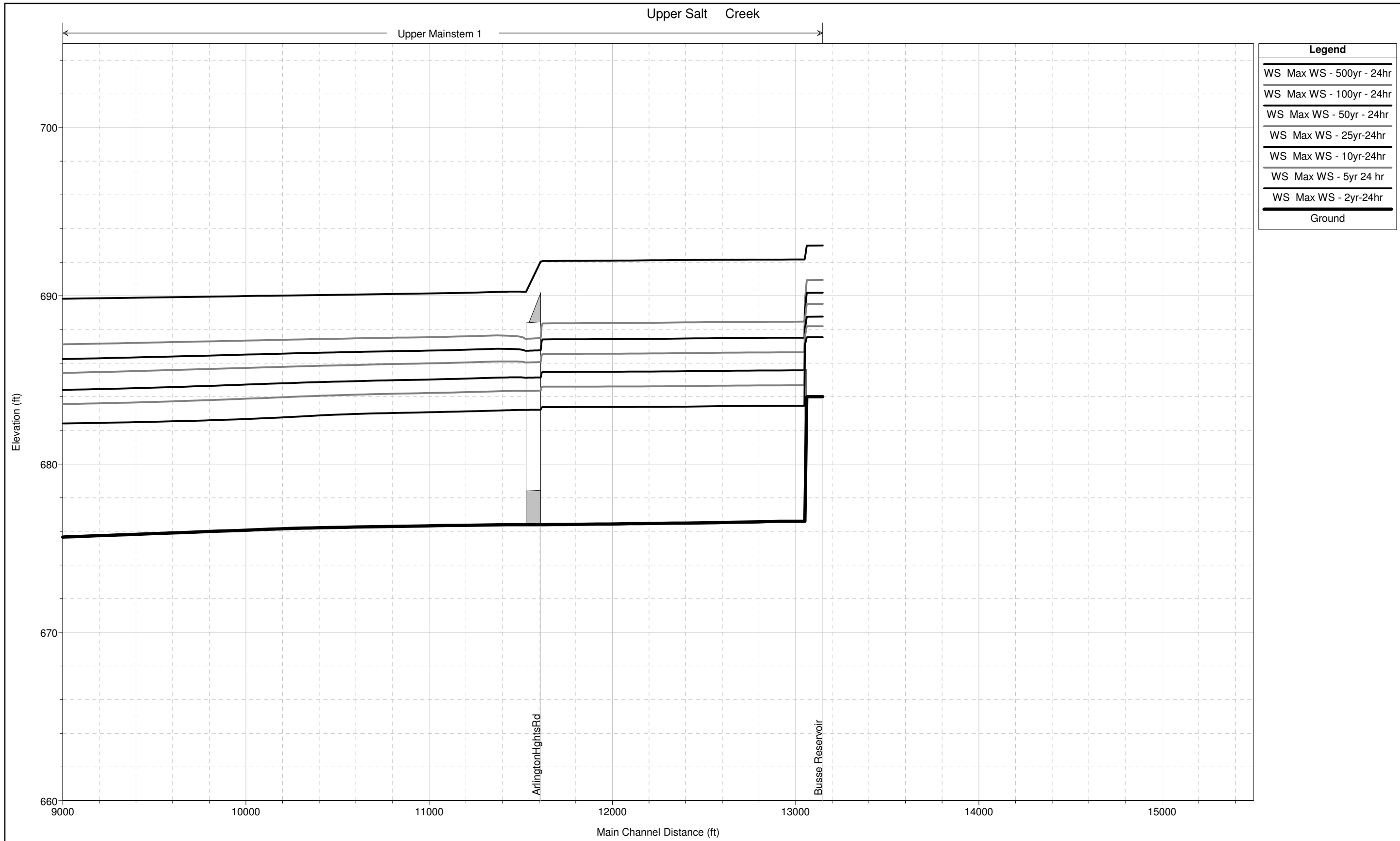


Mainstem



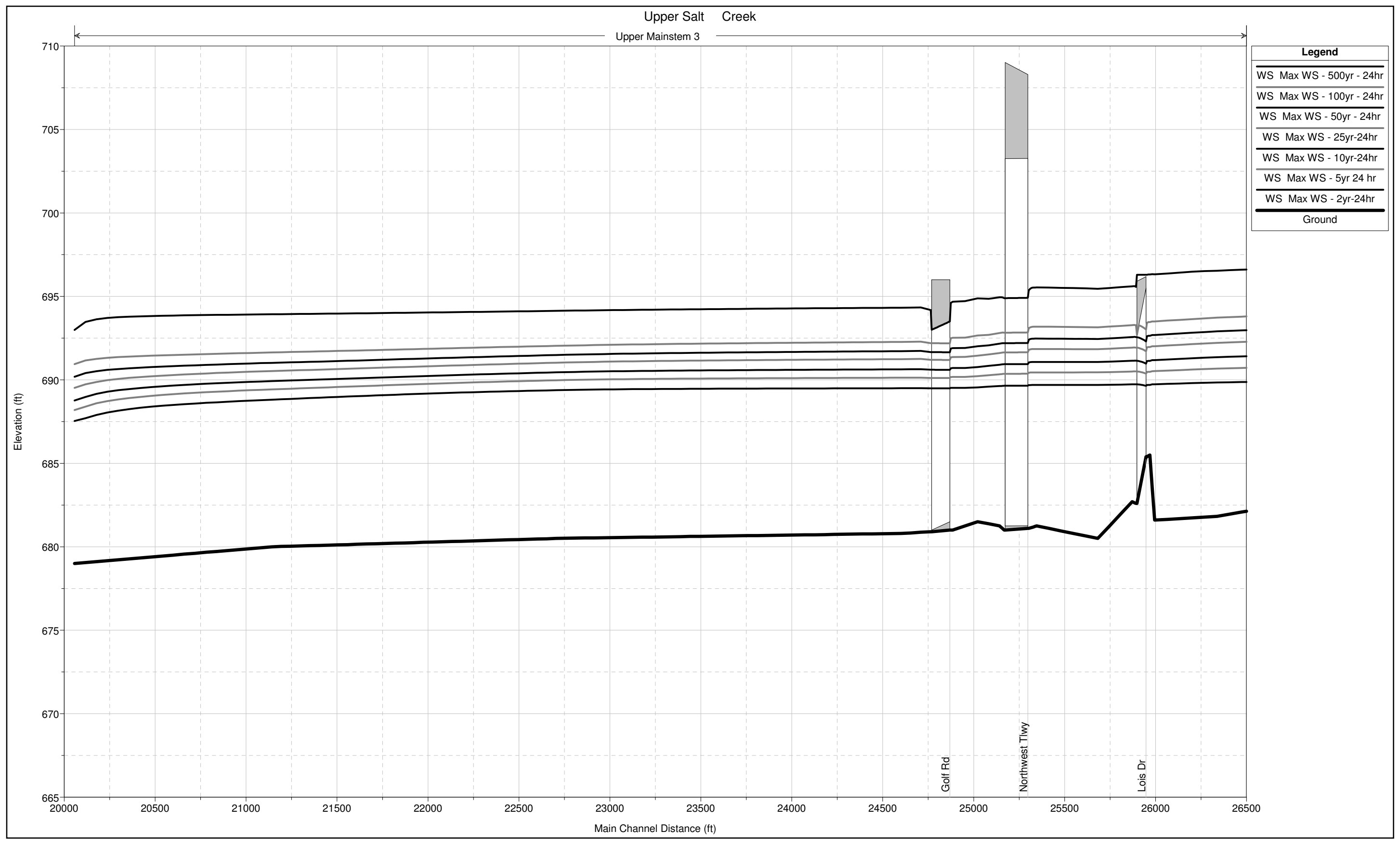


Return Period
500yr - 24hr
100yr - 24hr
50yr - 24hr
25yr - 24hr
10yr - 24hr
5yr - 24hr
2yr - 24hr
Ground

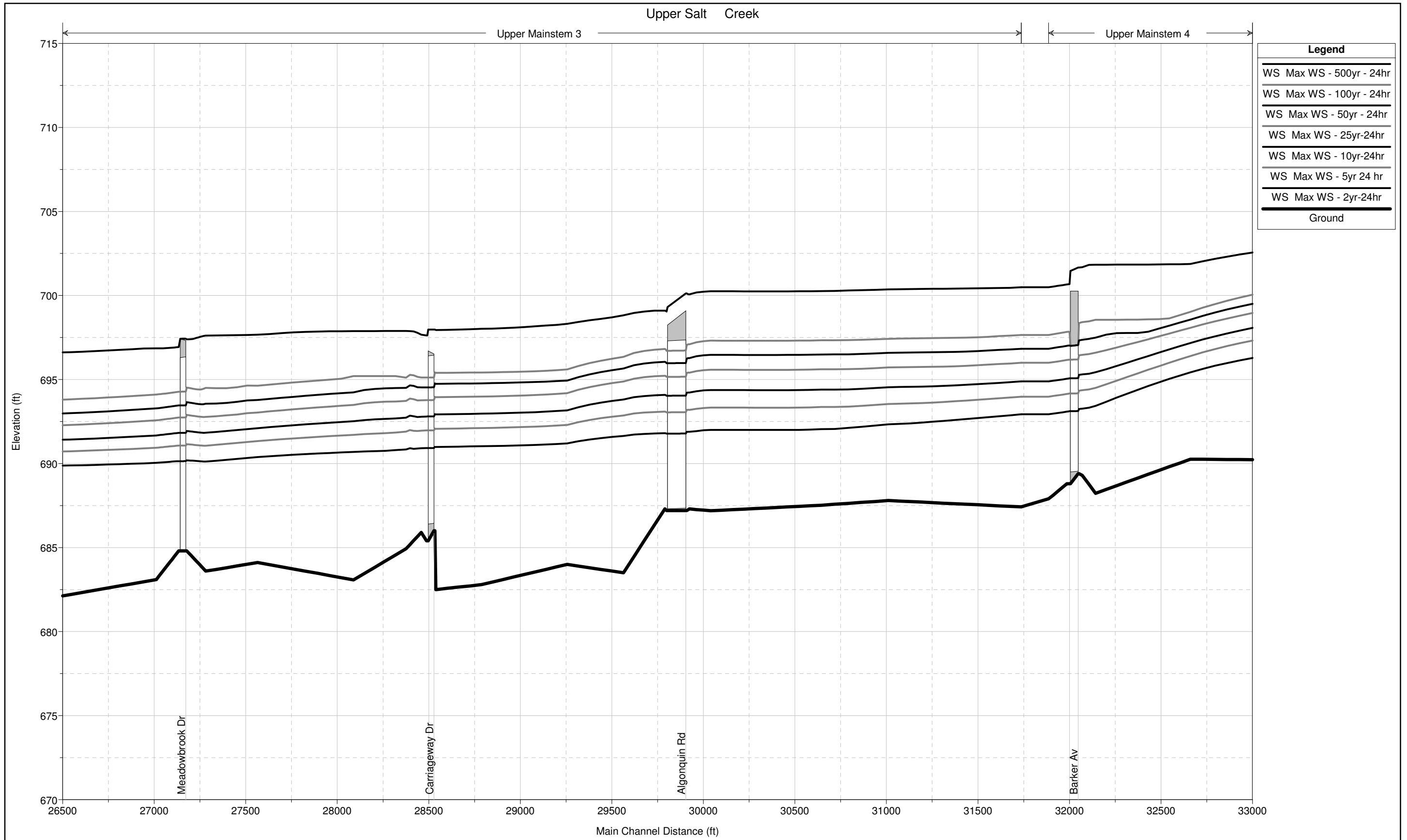


Upper Salt Creek

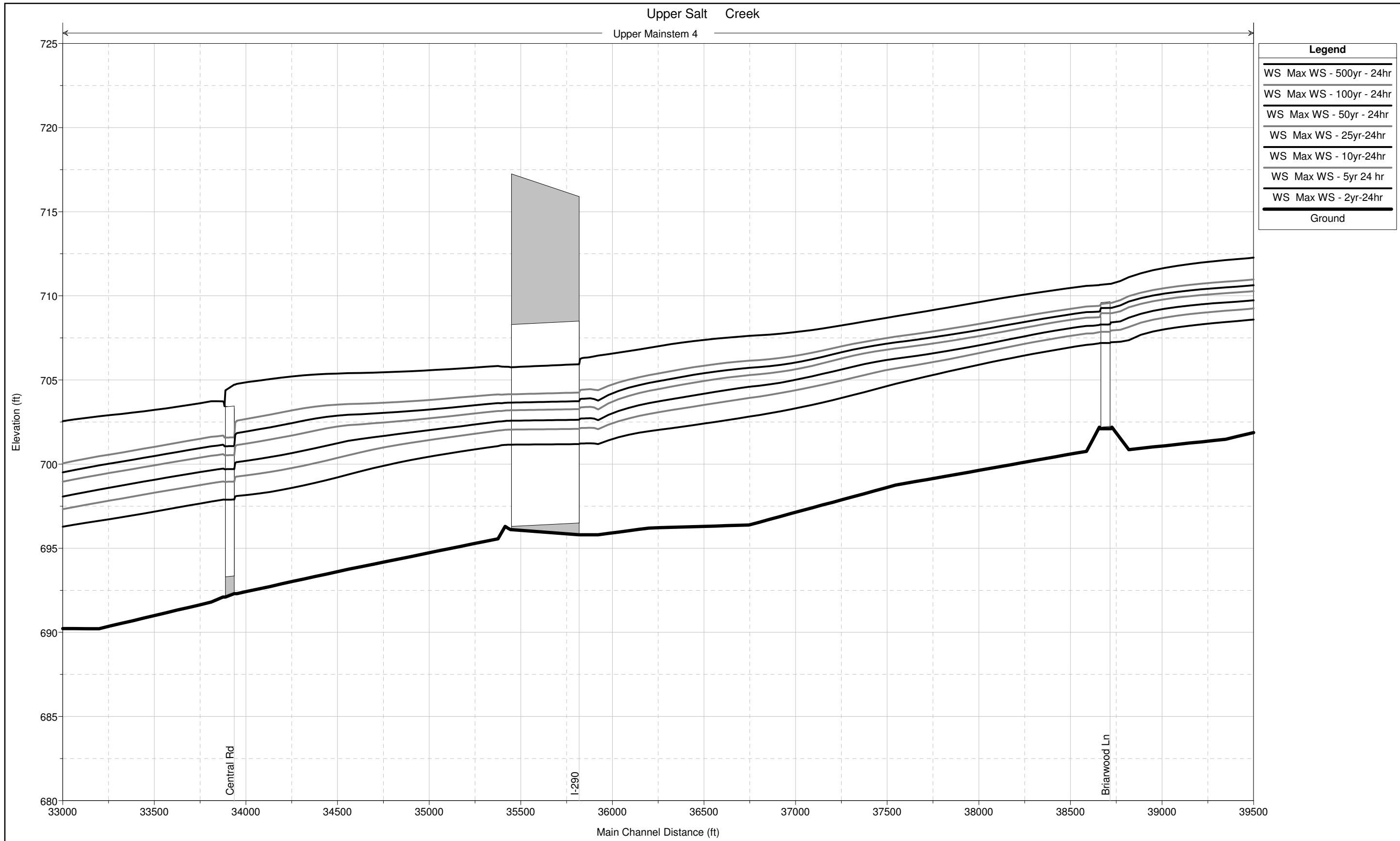
Upper Mainstem 3



Legend	
WS Max WS - 500yr - 24hr	(Line)
WS Max WS - 100yr - 24hr	(Line)
WS Max WS - 50yr - 24hr	(Line)
WS Max WS - 25yr-24hr	(Line)
WS Max WS - 10yr-24hr	(Line)
WS Max WS - 5yr 24 hr	(Line)
WS Max WS - 2yr-24hr	(Line)
Ground	(Thick Line)



Main Channel Distance (ft)	Ground (ft)	WS Max WS - 2yr-24hr (ft)	WS Max WS - 5yr 24 hr (ft)	WS Max WS - 10yr-24hr (ft)	WS Max WS - 25yr-24hr (ft)	WS Max WS - 50yr - 24hr (ft)	WS Max WS - 100yr - 24hr (ft)	WS Max WS - 500yr - 24hr (ft)
26500	682	690	691	692	693	694	695	697
27000	683	690	691	692	693	694	695	697
27500	684	690	691	692	693	694	695	697
28000	683	690	691	692	693	694	695	697
28500	682	690	691	692	693	694	695	697
29000	683	690	691	692	693	694	695	697
29500	683	690	691	692	693	694	695	697
30000	687	692	693	694	695	696	697	699
30500	687	692	693	694	695	696	697	699
31000	687	692	693	694	695	696	697	699
31500	687	692	693	694	695	696	697	699
32000	688	693	694	695	696	697	698	700
32500	689	694	695	696	697	698	699	701
33000	690	695	696	697	698	699	700	702



Legend	
	WS Max WS - 500yr - 24hr
	WS Max WS - 100yr - 24hr
	WS Max WS - 50yr - 24hr
	WS Max WS - 25yr-24hr
	WS Max WS - 10yr-24hr
	WS Max WS - 5yr 24 hr
	WS Max WS - 2yr-24hr
	Ground

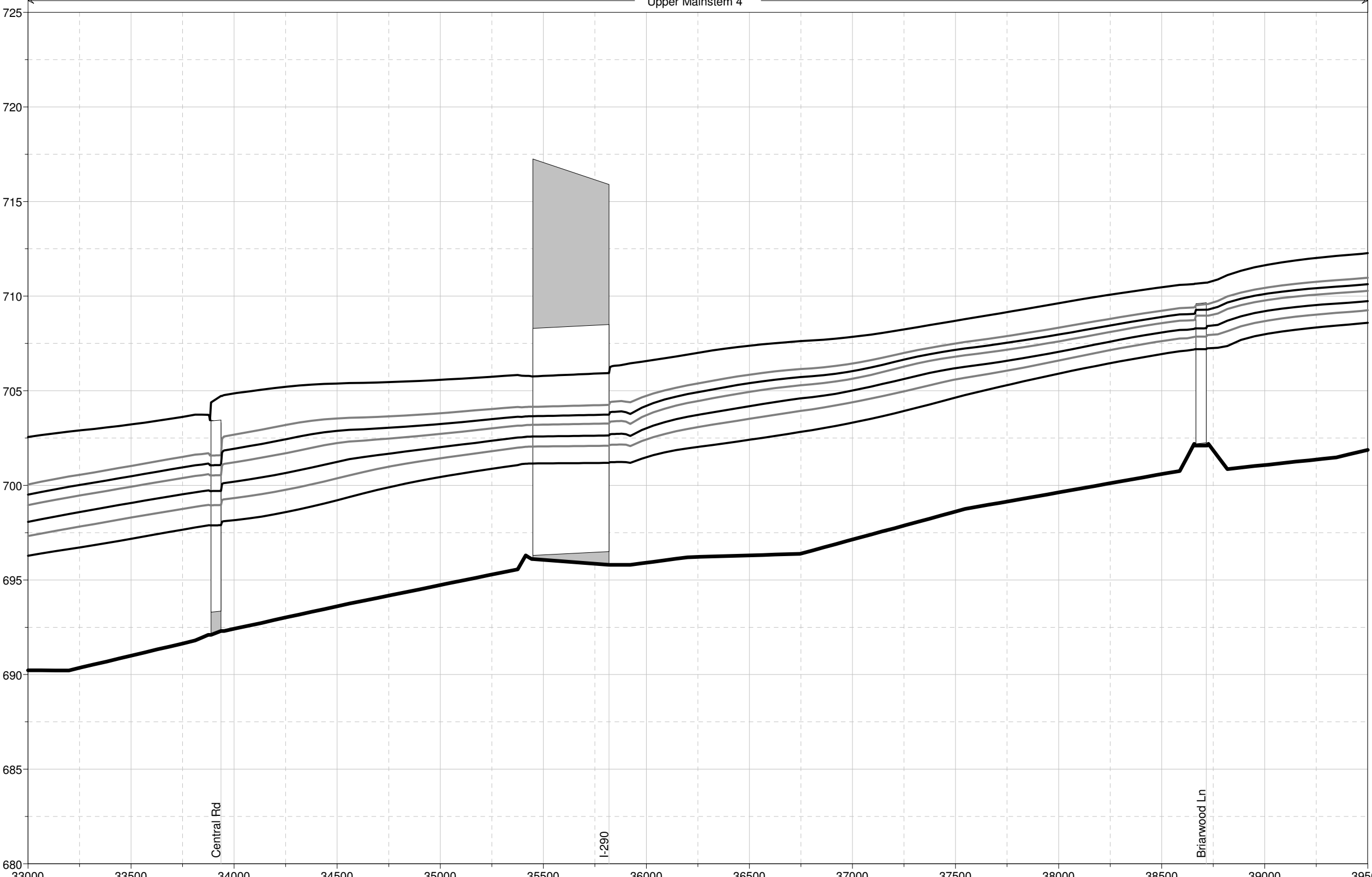
Elevation (ft)

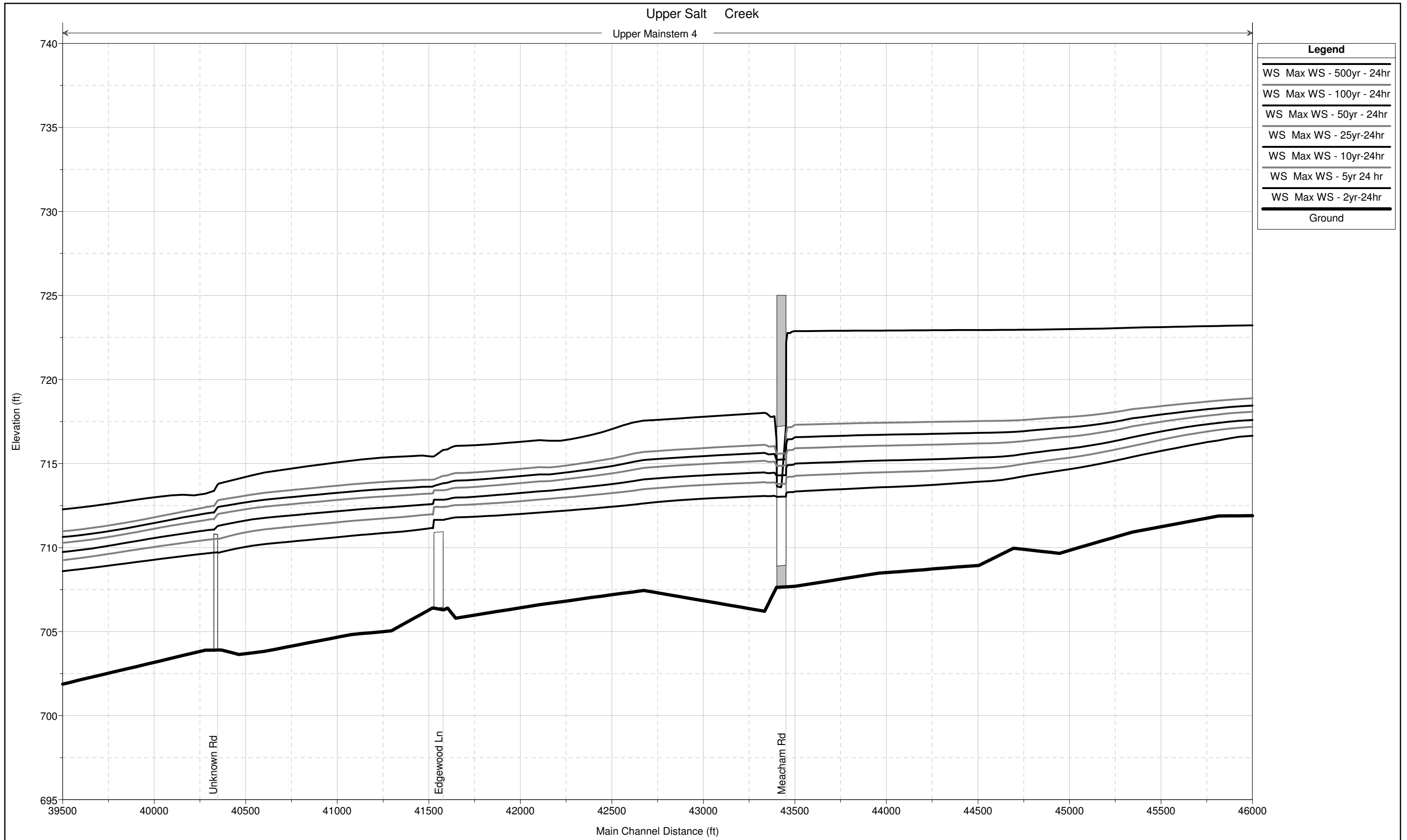
Main Channel Distance (ft)

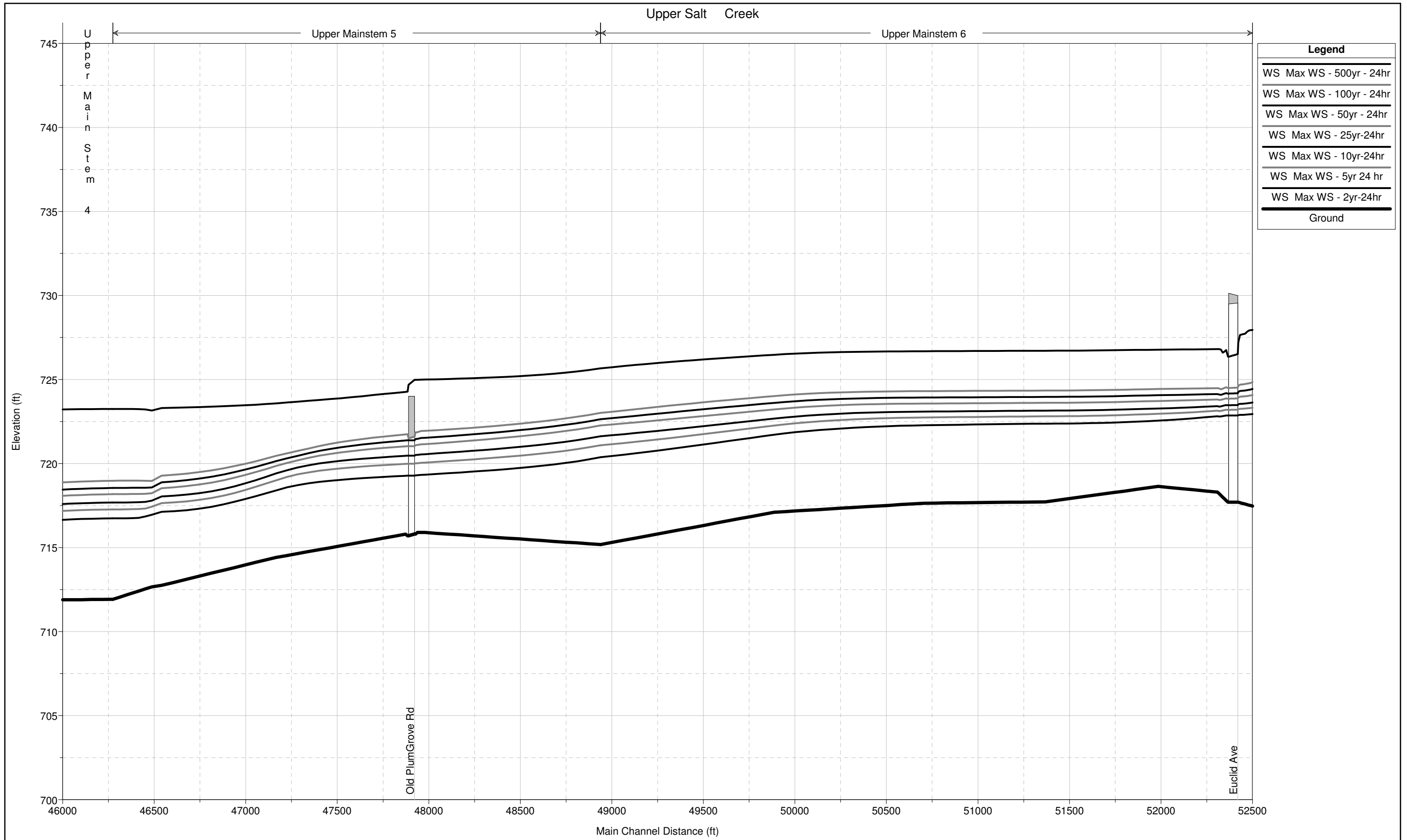
Central Rd

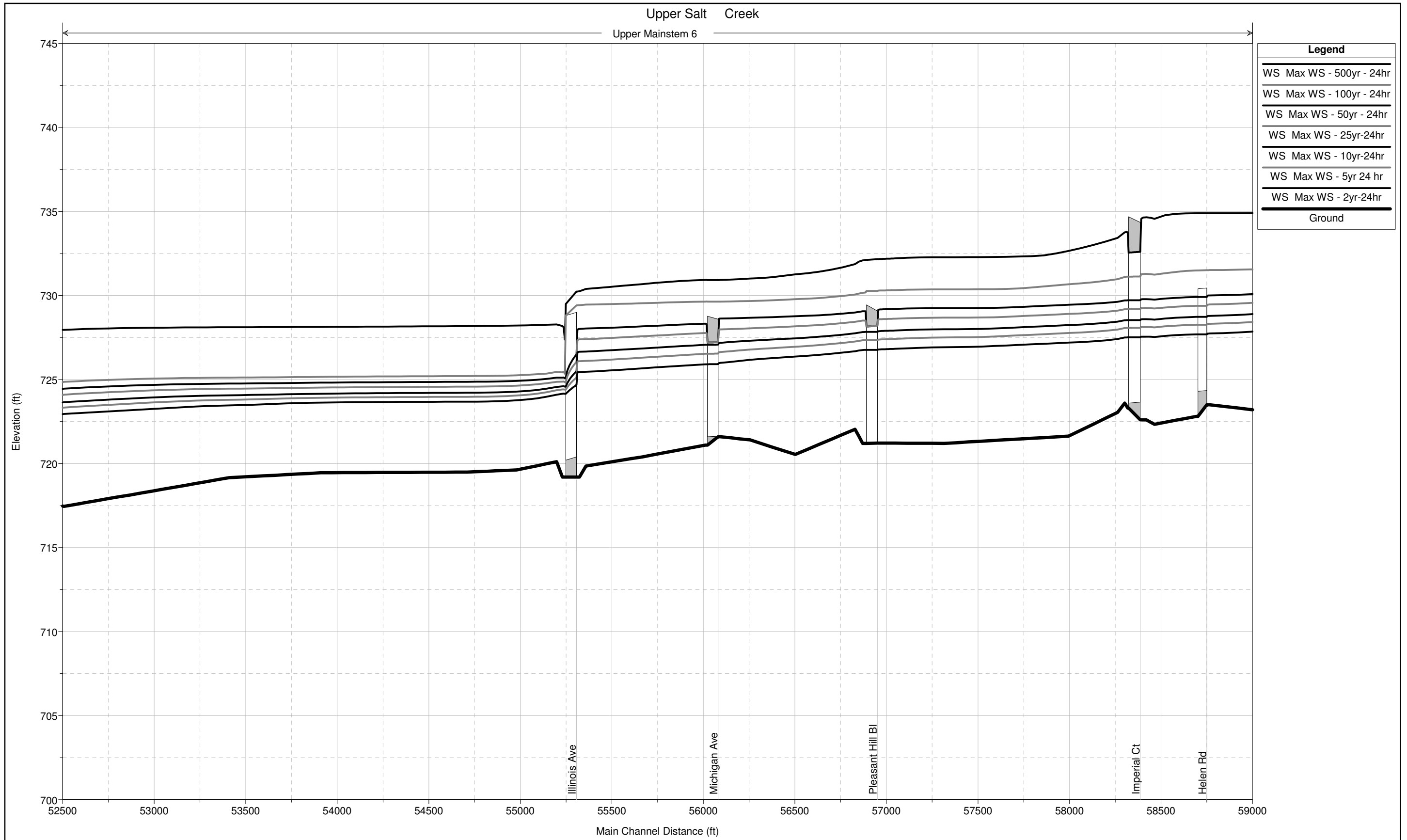
I-290

Briarwood Ln



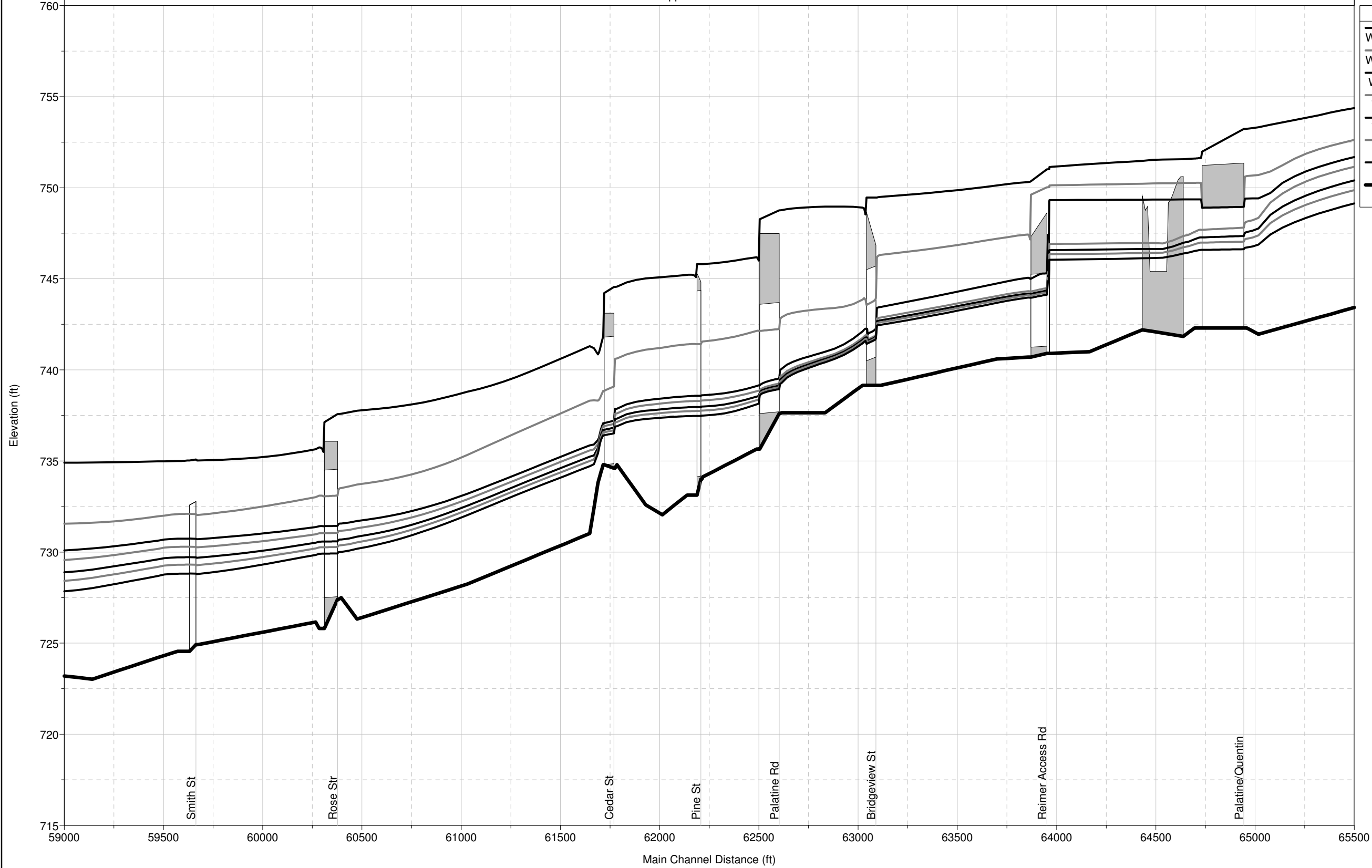




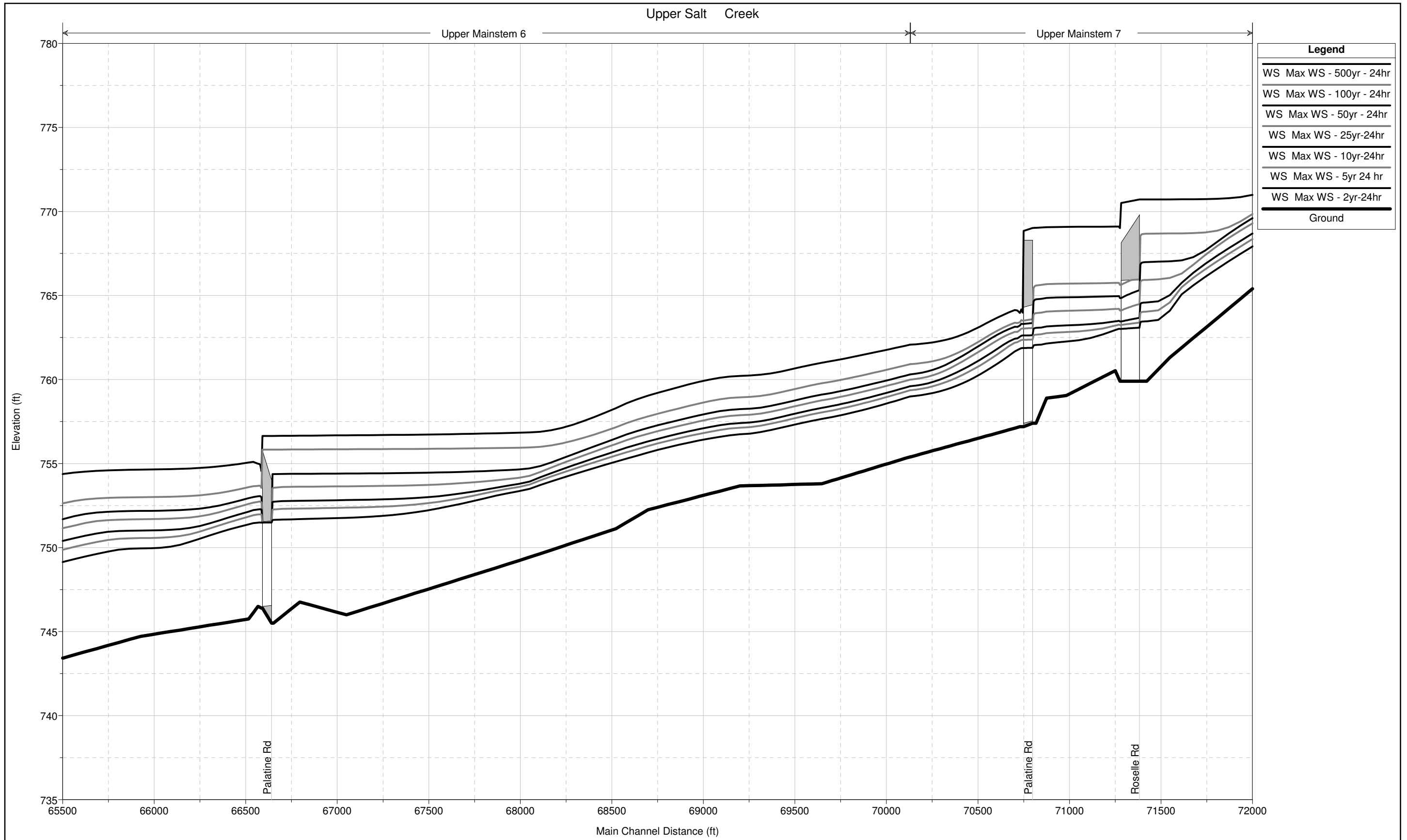


Upper Salt Creek

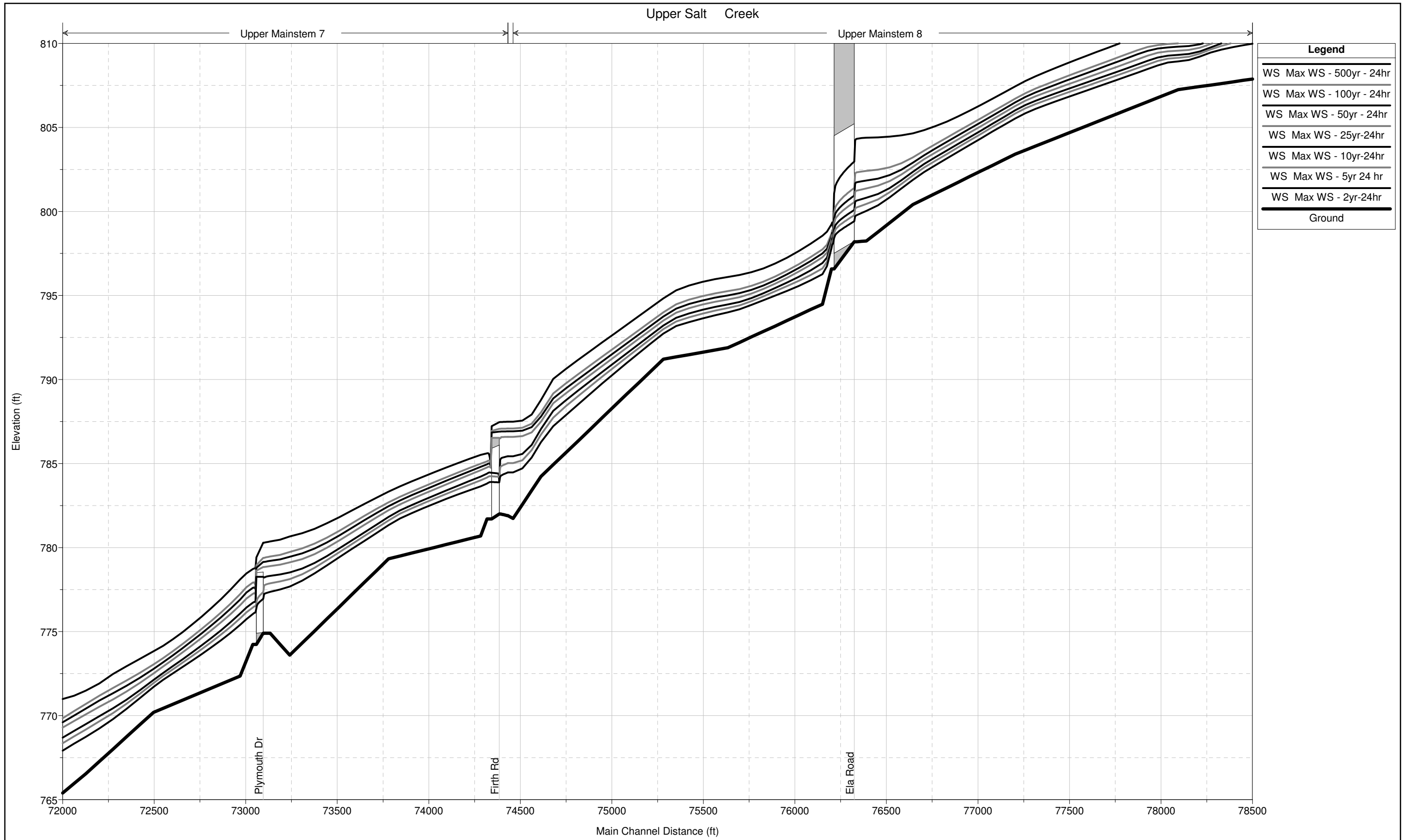
Upper Mainstem 6

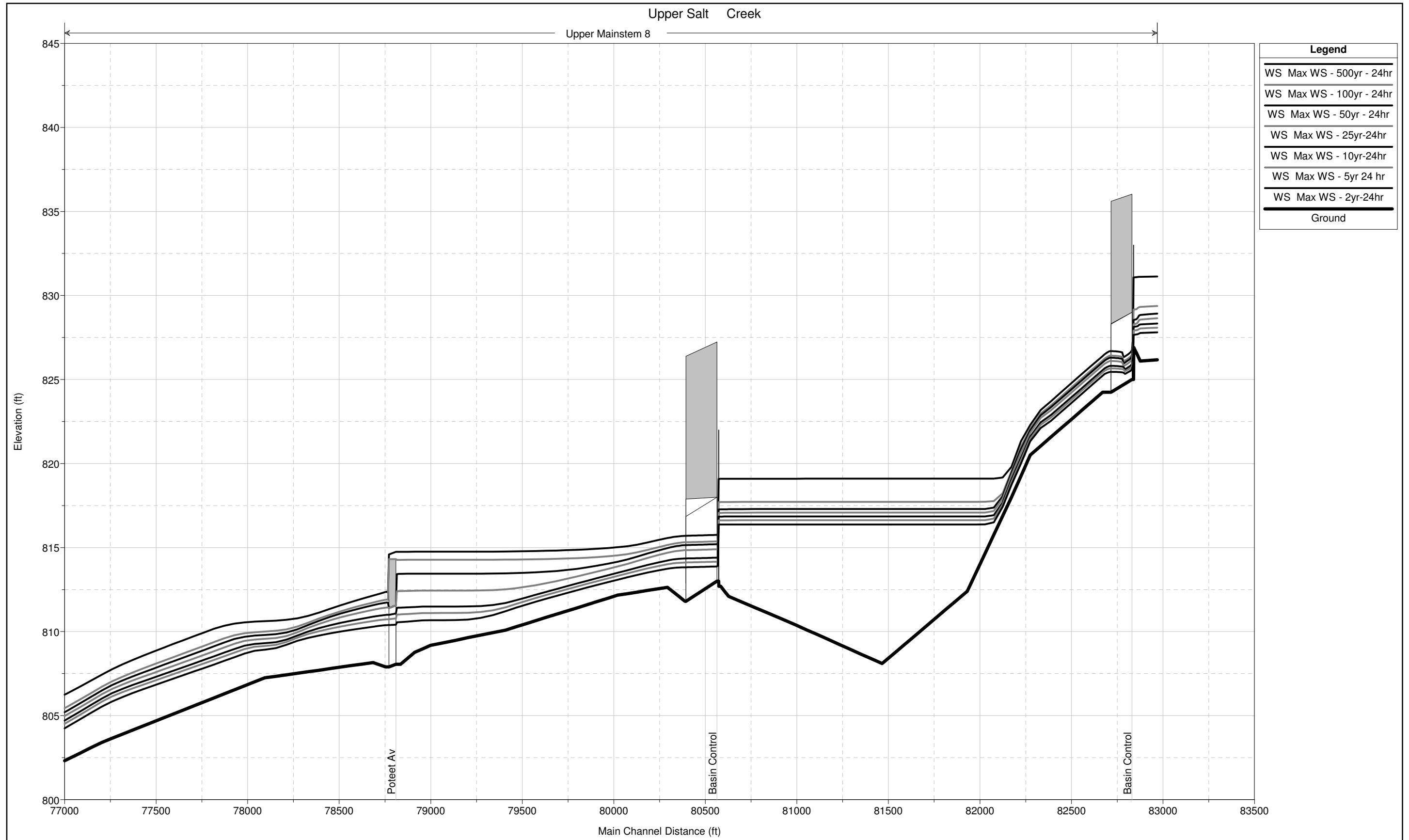


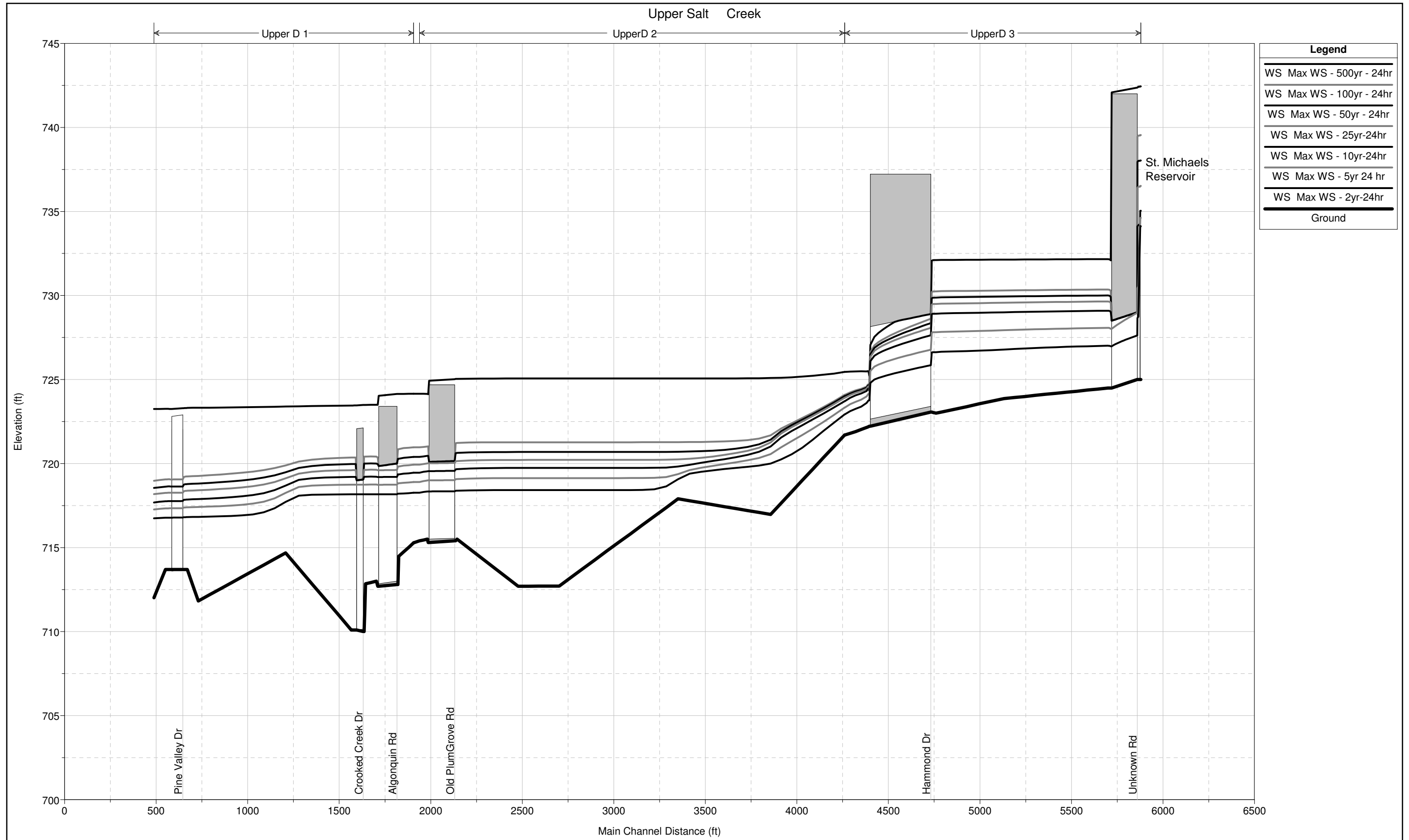
Legend	
WS Max WS - 500yr - 24hr	(thinnest line)
WS Max WS - 100yr - 24hr	(light gray line)
WS Max WS - 50yr - 24hr	(medium gray line)
WS Max WS - 25yr-24hr	(dark gray line)
WS Max WS - 10yr-24hr	(black line)
WS Max WS - 5yr 24 hr	(thick black line)
WS Max WS - 2yr-24hr	(thickest black line)
Ground	(thick black line)

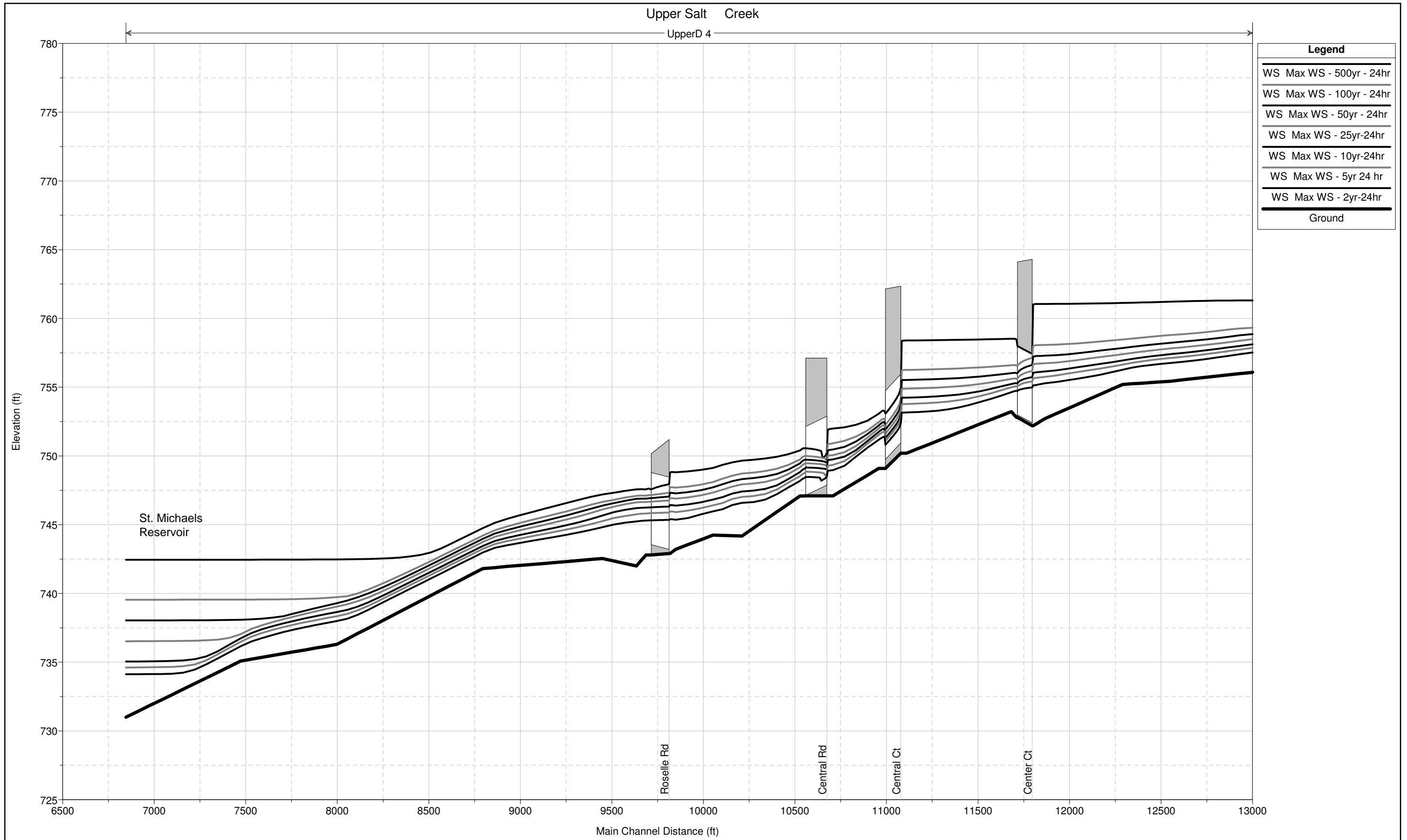


This figure is a hydrograph showing the water surface elevation (WS) in feet (ft) versus the main channel distance in feet (ft) for Upper Salt Creek. The graph is divided into two mainstem sections: Upper Mainstem 6 (from 65500 ft to 70000 ft) and Upper Mainstem 7 (from 70000 ft to 72000 ft). The y-axis represents Elevation (ft) ranging from 735 to 780. The x-axis represents Main Channel Distance (ft) ranging from 65500 to 72000. The legend indicates that the curves represent the maximum WS for various return periods: 500yr, 100yr, 50yr, 25yr, 10yr, 5yr, and 2yr, all for a 24-hour duration. The ground elevation is also shown as a thick black line. Road crossings are marked at Palatine Rd (around 66600 ft and 70800 ft) and Roselle Rd (around 71300 ft).

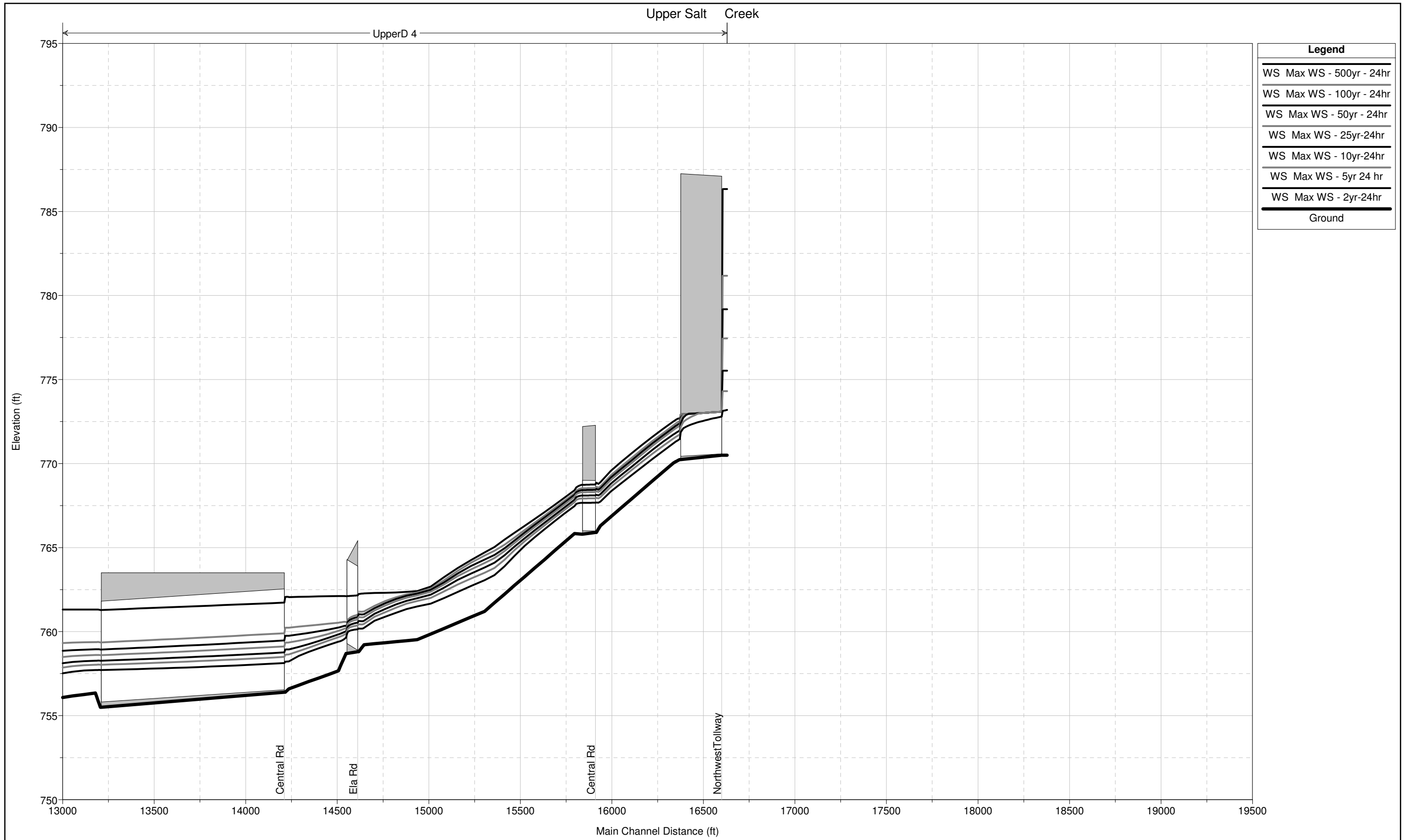


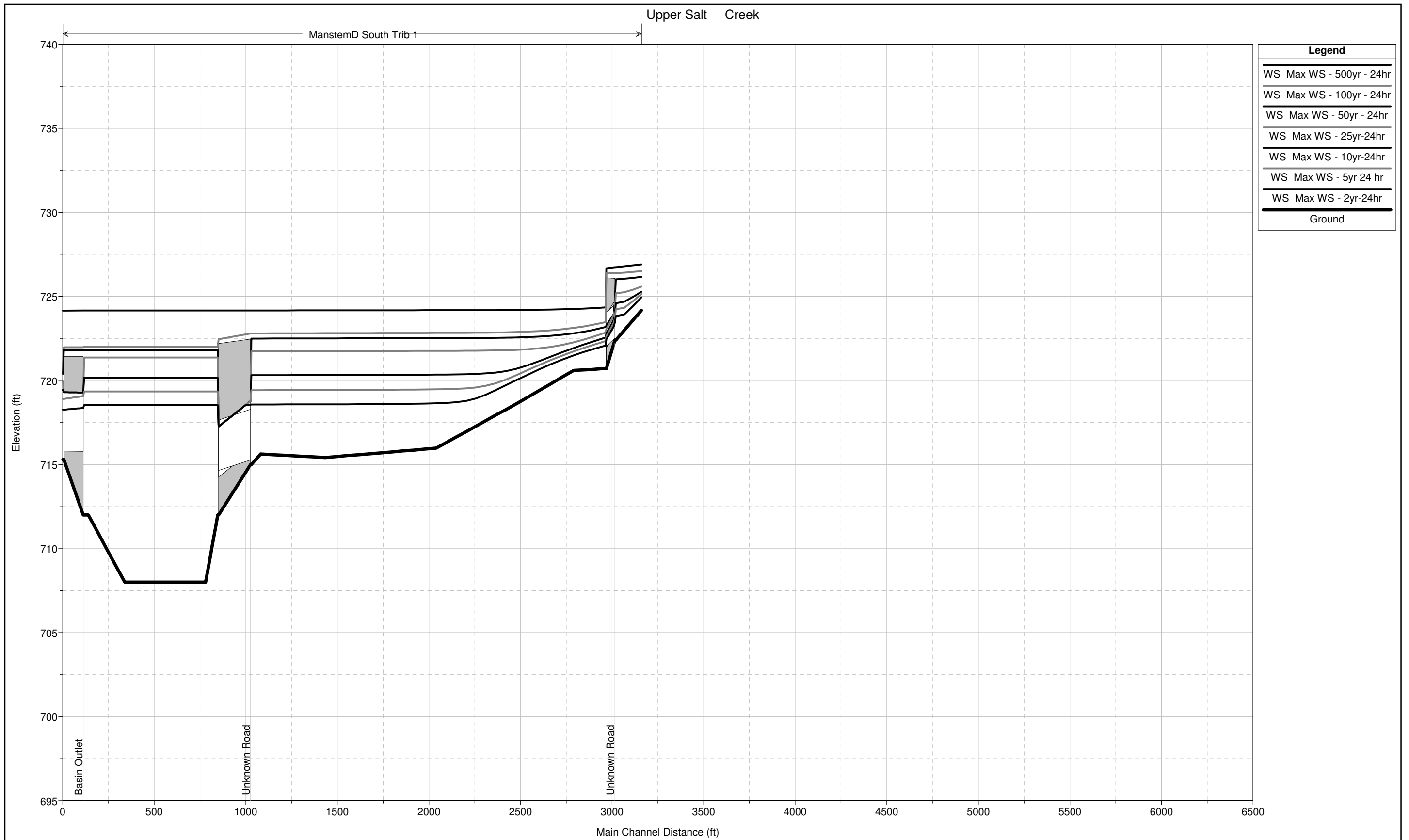


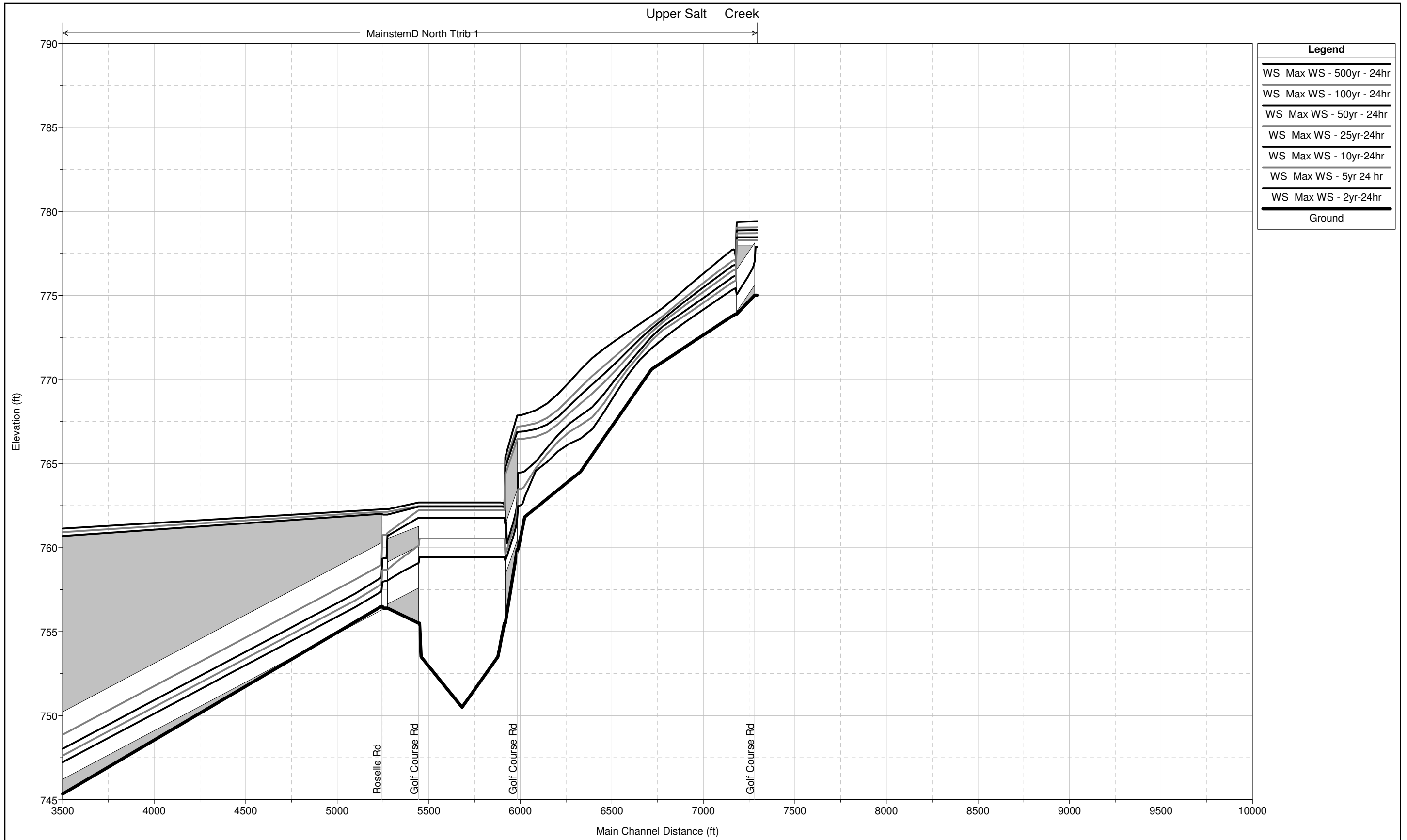


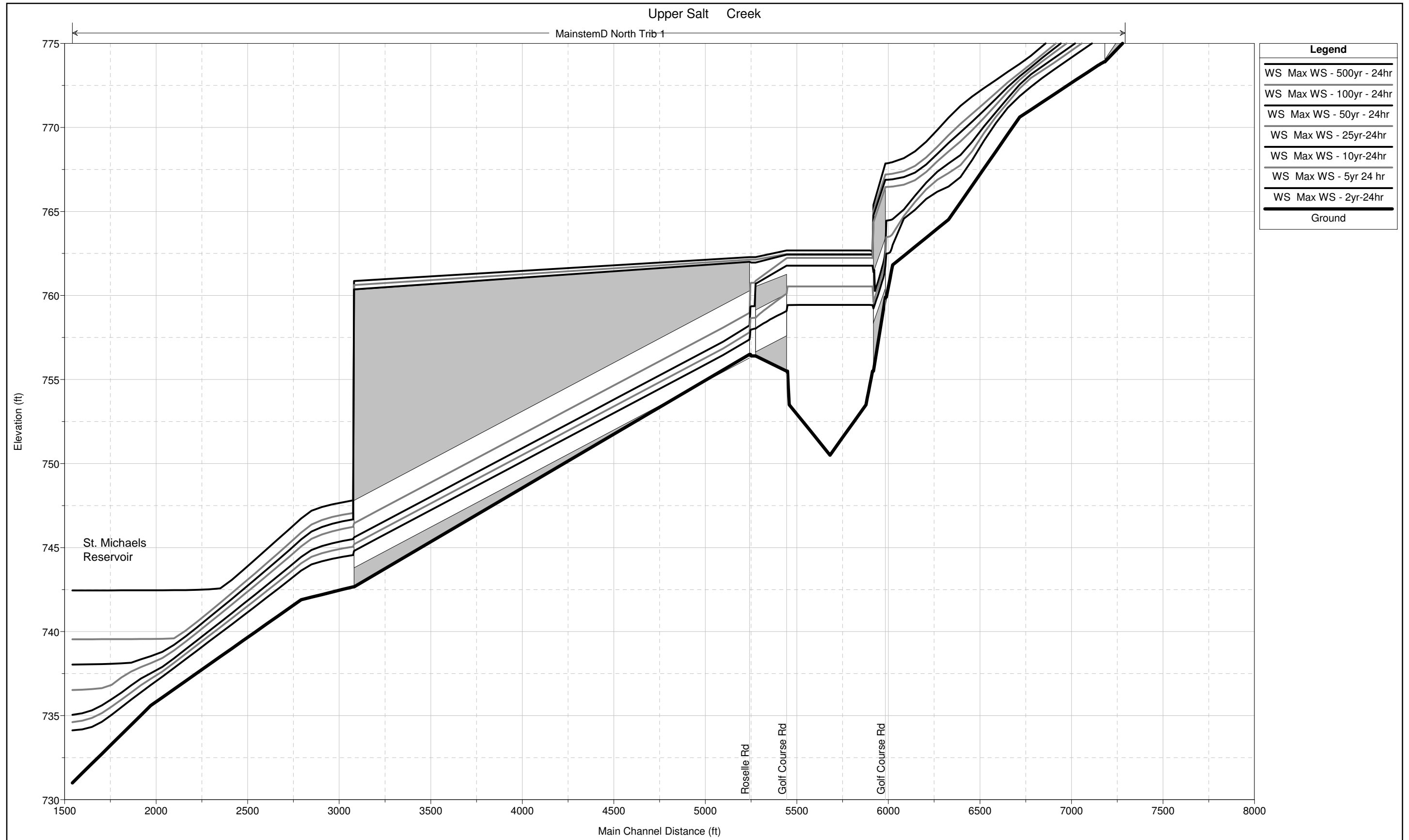


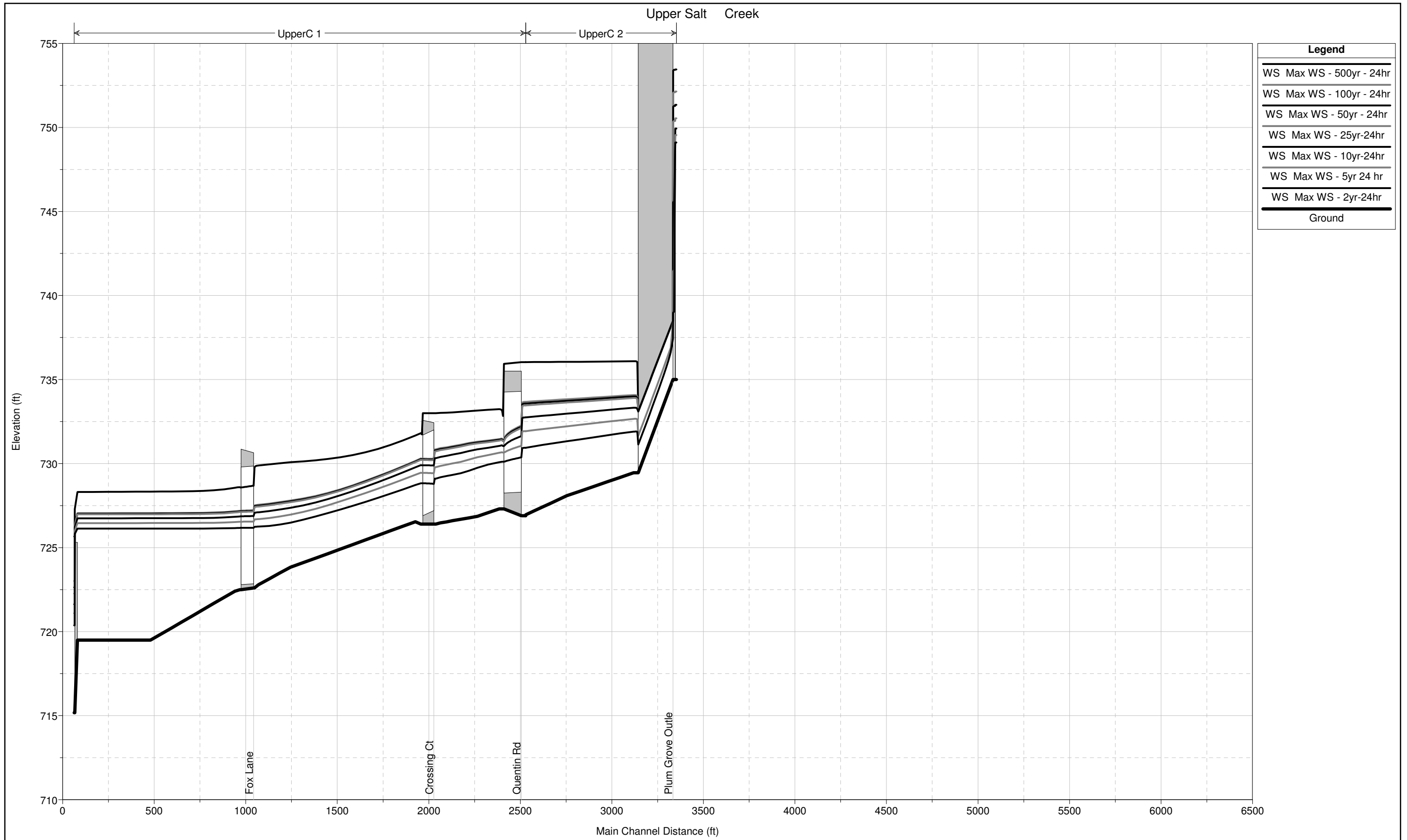
Return Period
500yr - 24hr
100yr - 24hr
50yr - 24hr
25yr-24hr
10yr-24hr
5yr 24 hr
2yr-24hr
Ground





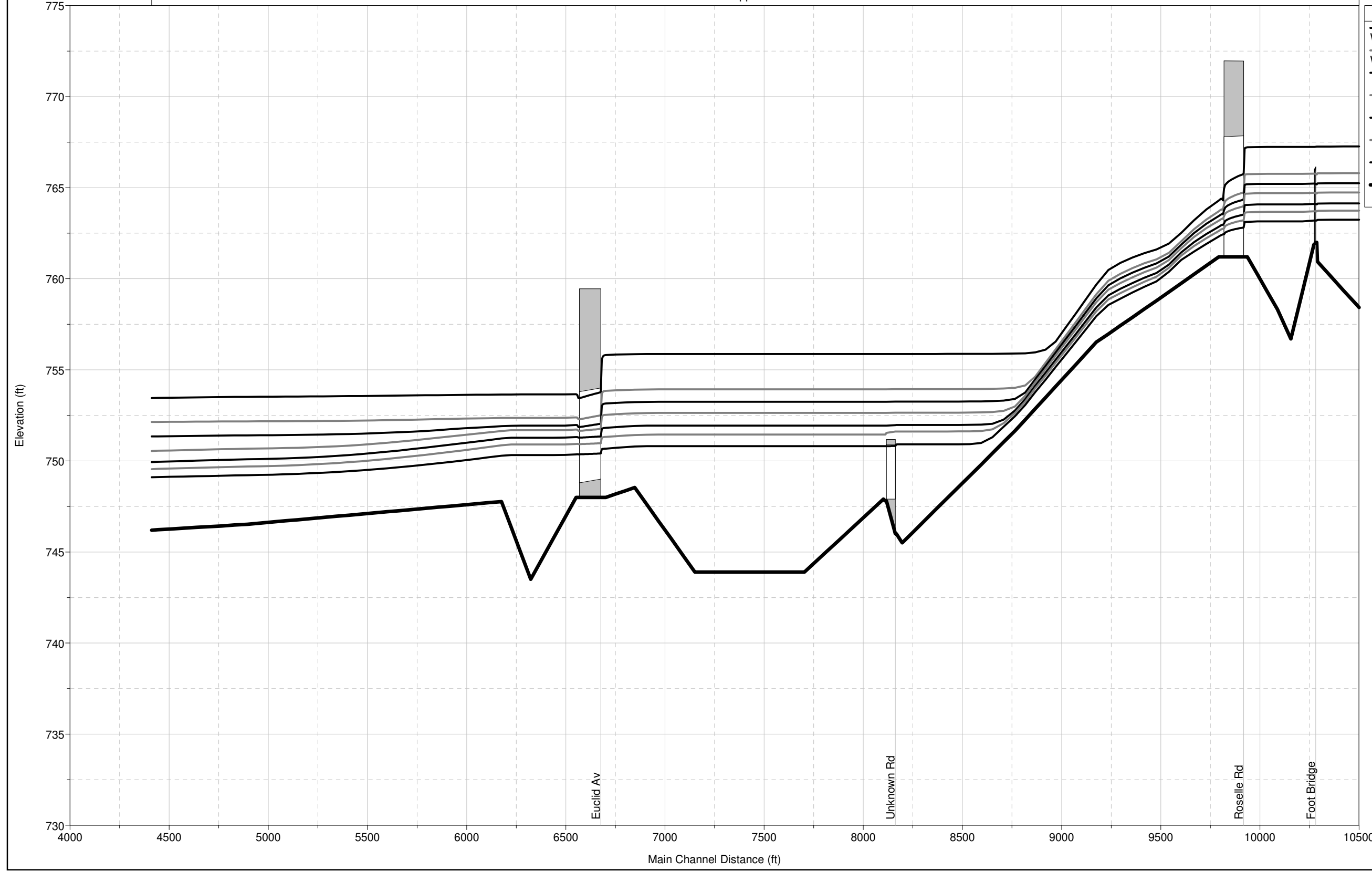




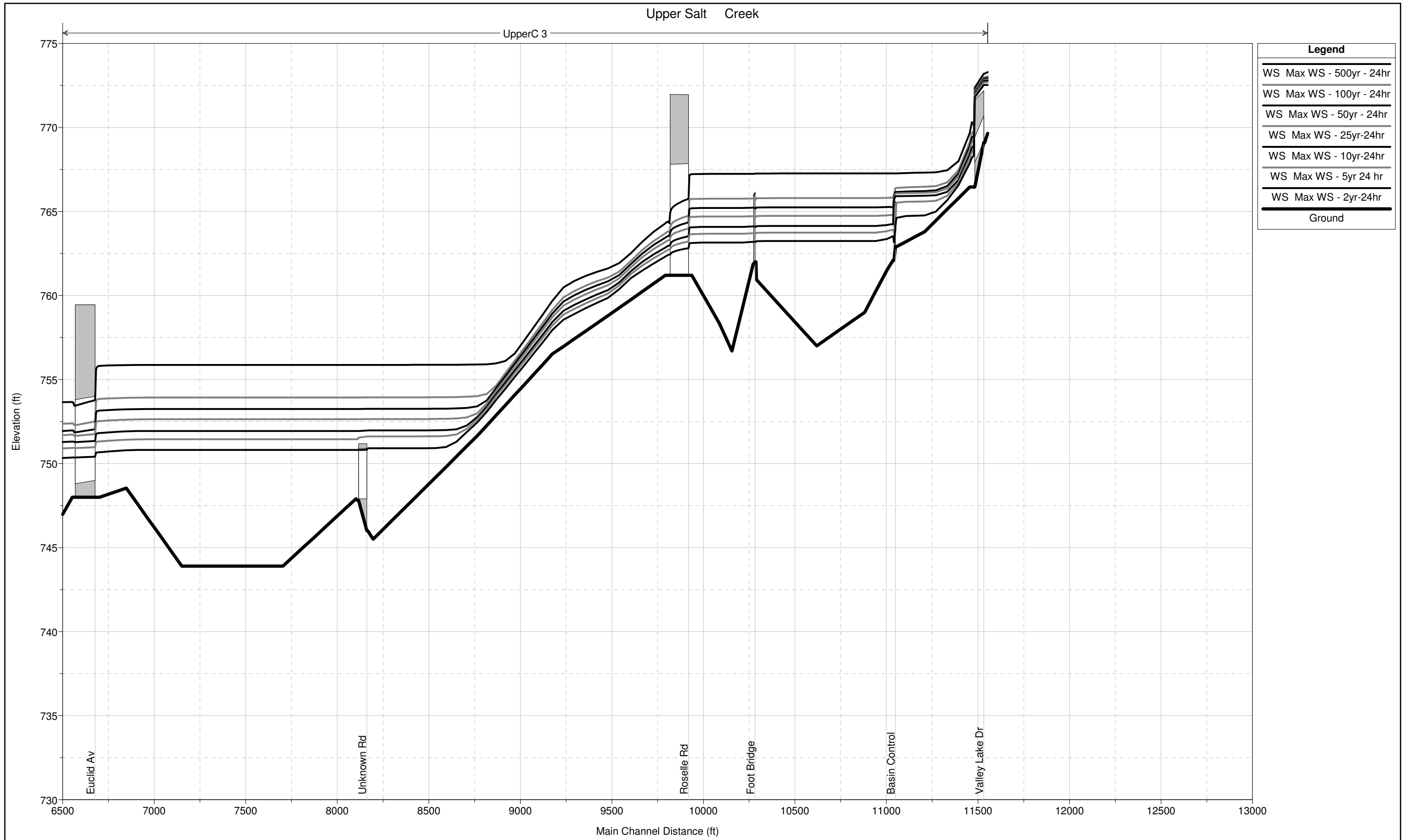


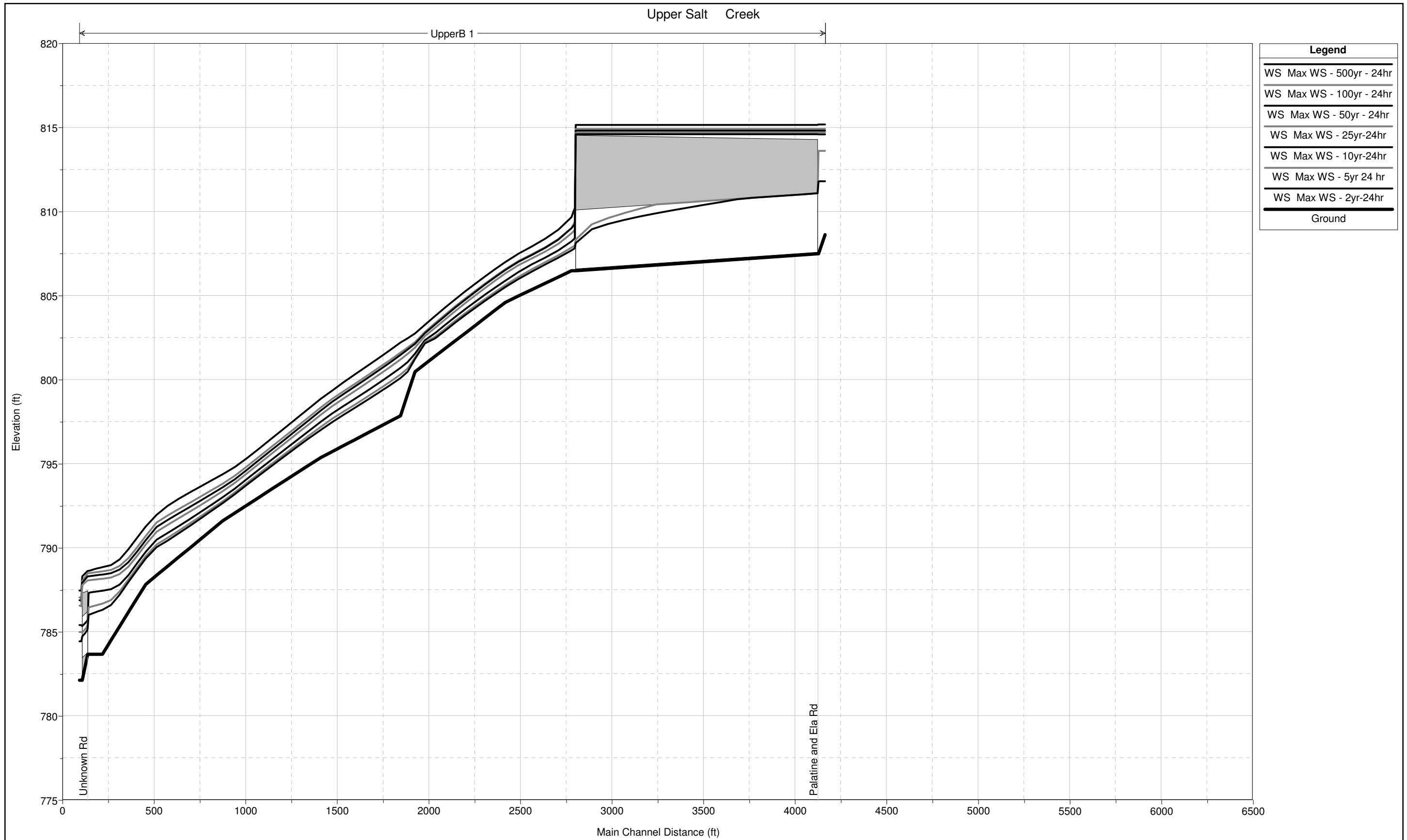
Upper Salt Creek

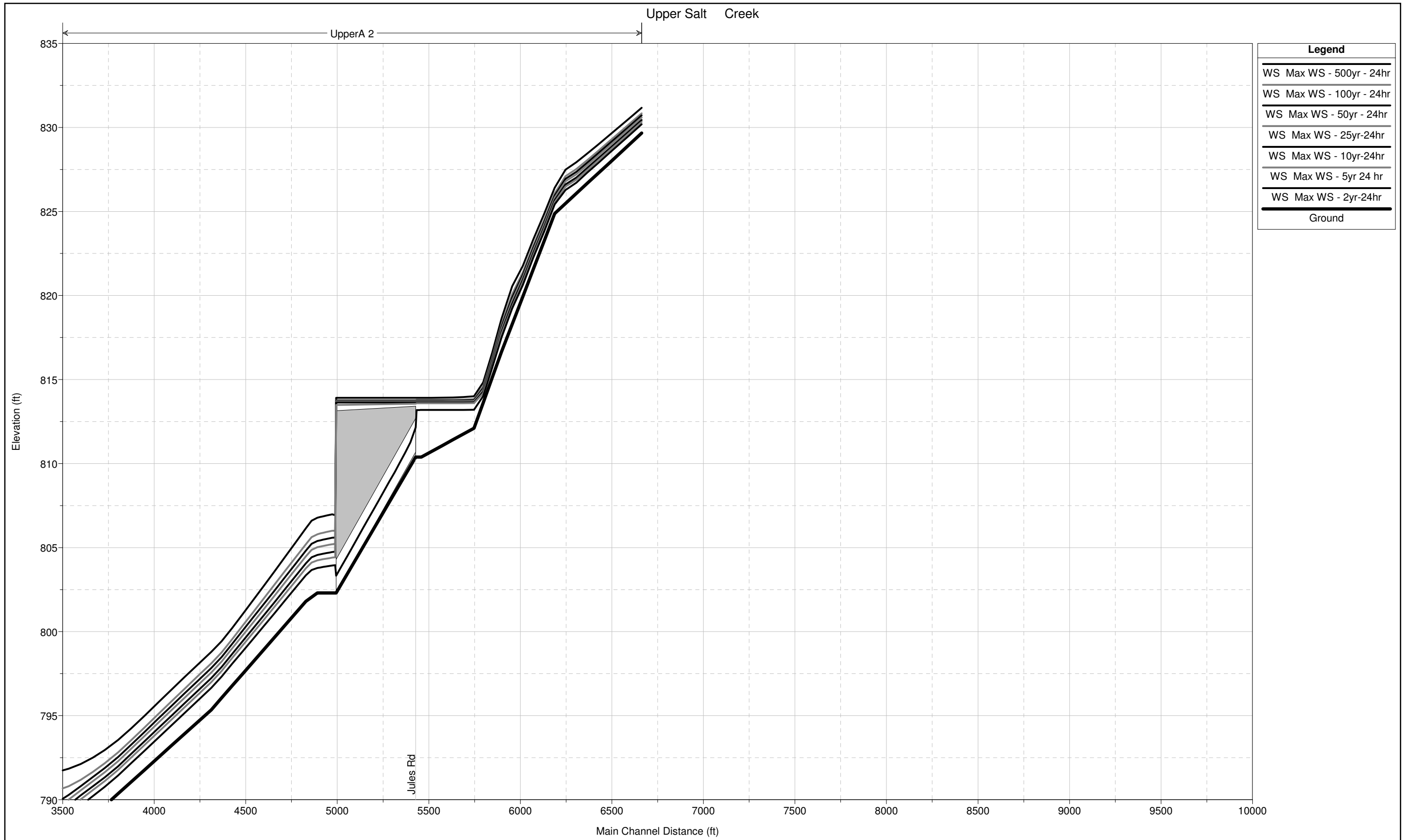
UpperC 3

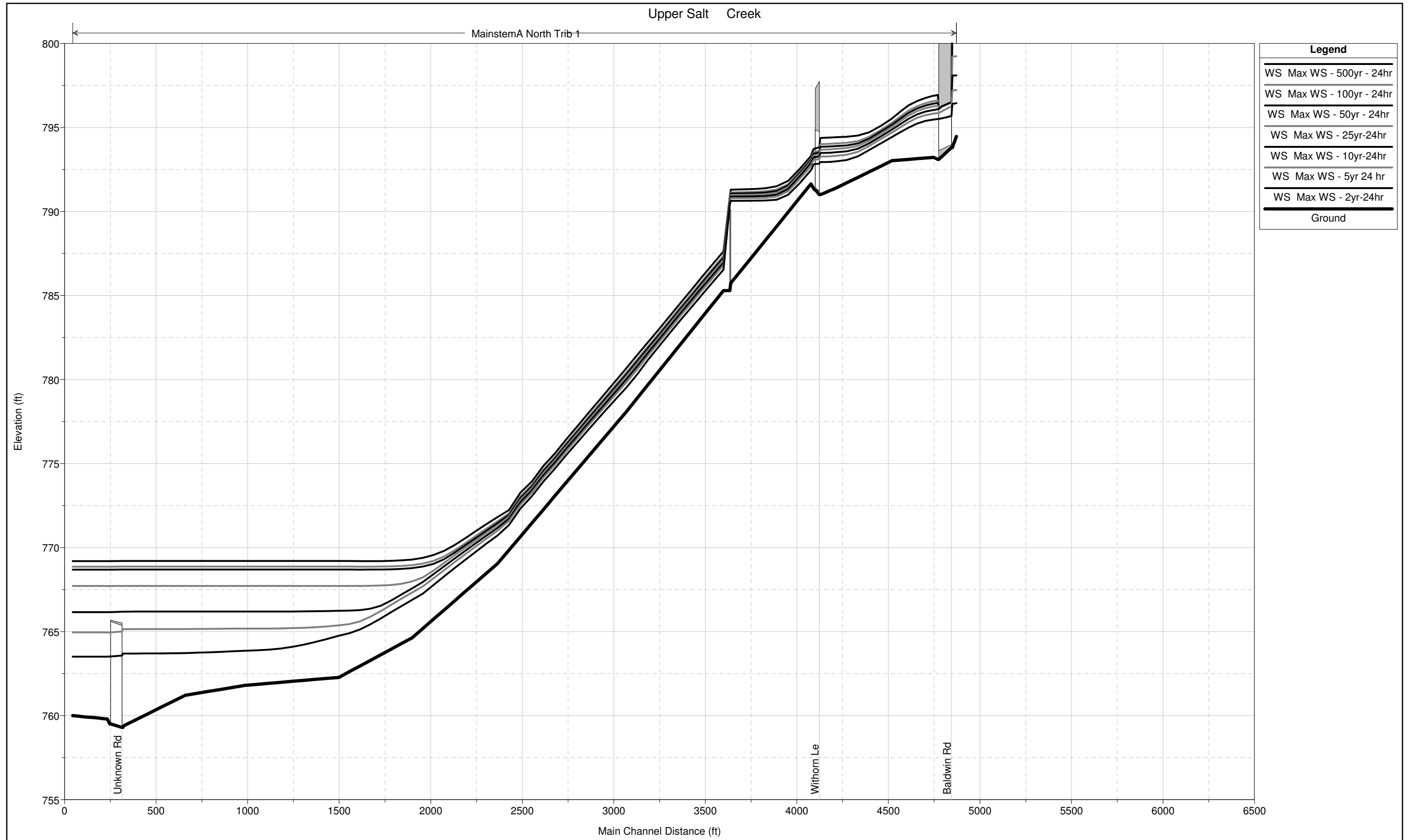


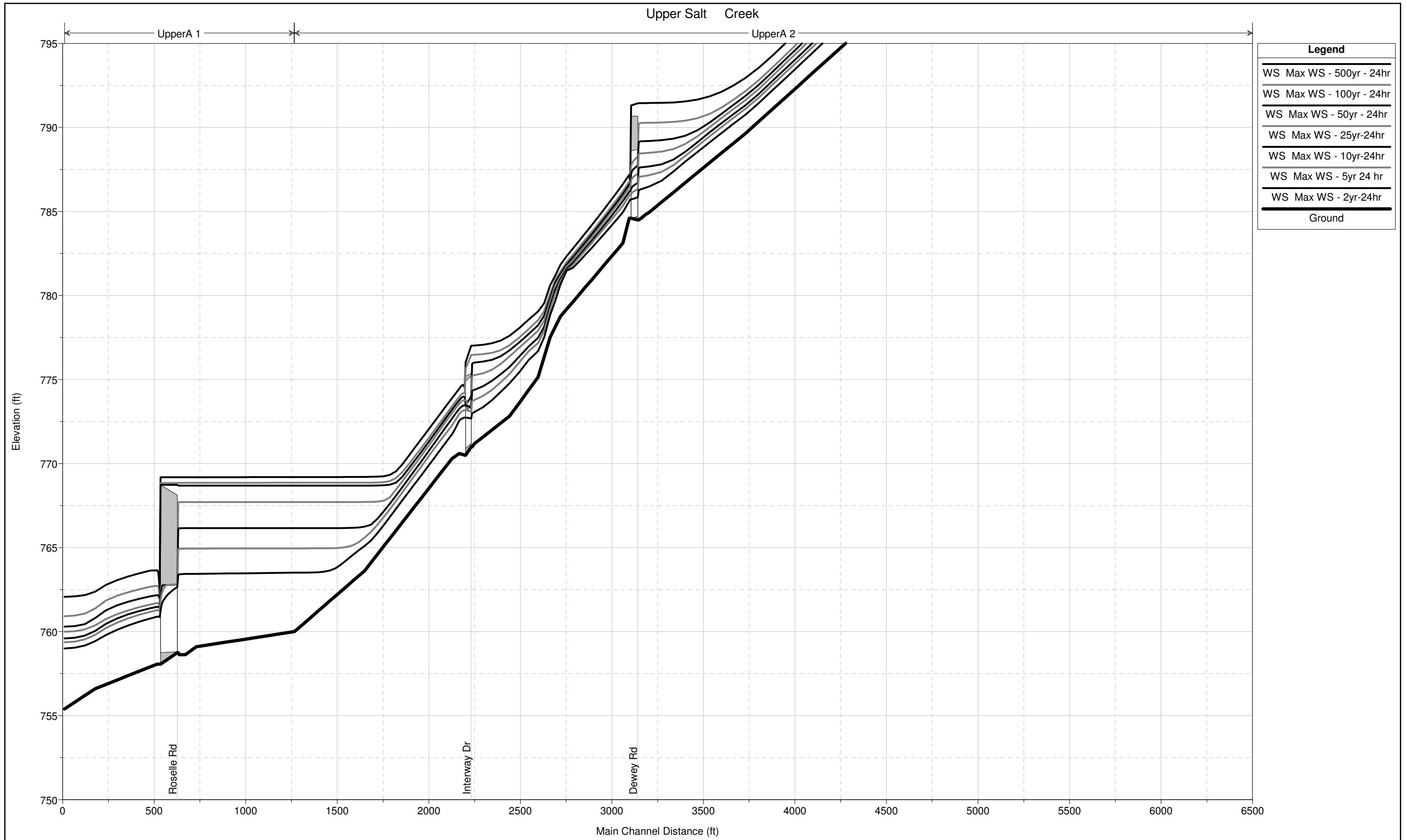
Legend	
WS Max WS - 500yr - 24hr	
WS Max WS - 100yr - 24hr	
WS Max WS - 50yr - 24hr	
WS Max WS - 25yr-24hr	
WS Max WS - 10yr-24hr	
WS Max WS - 5yr 24 hr	
WS Max WS - 2yr-24hr	
Ground	







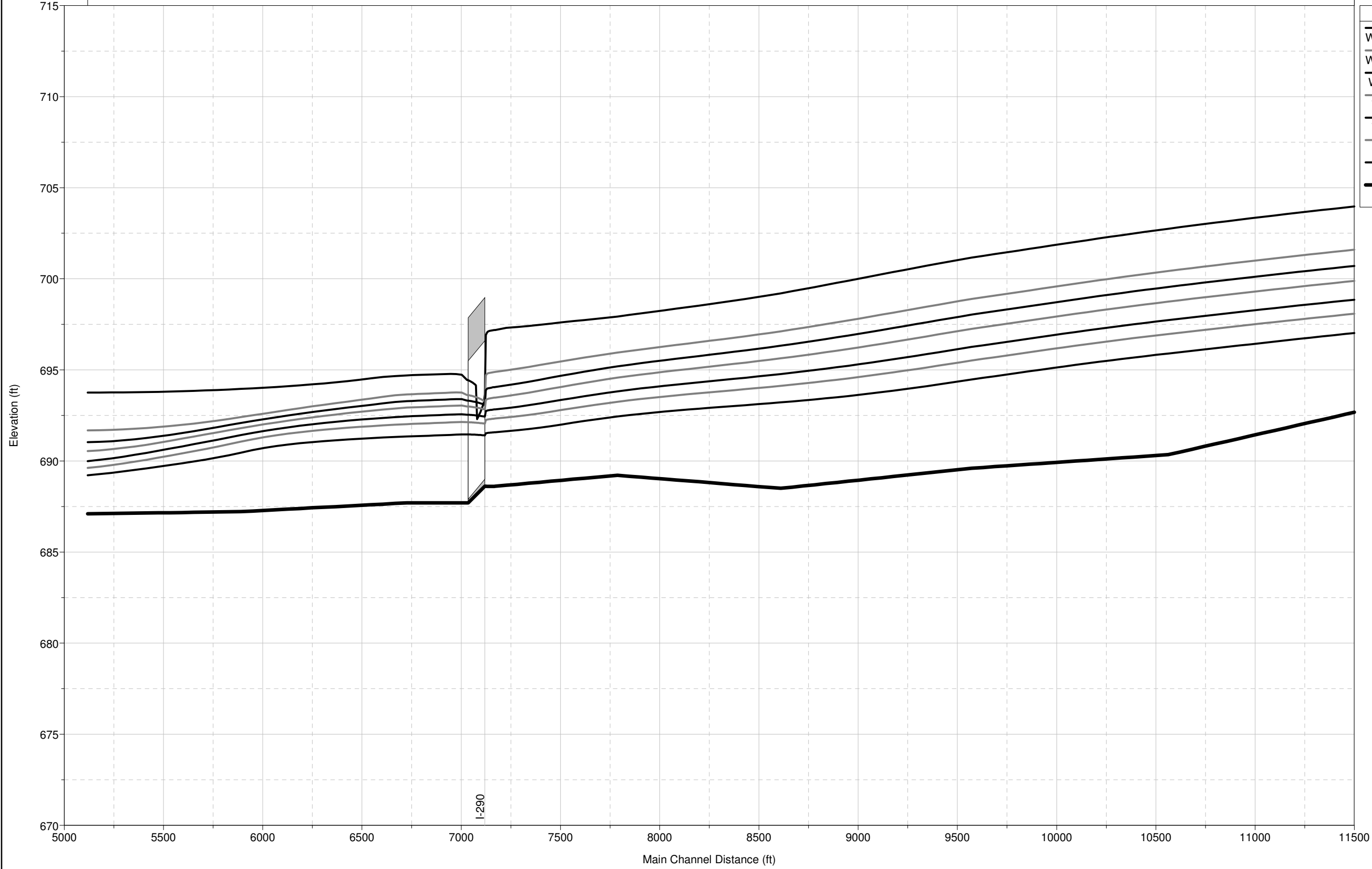




West Branch

Upper Salt Creek

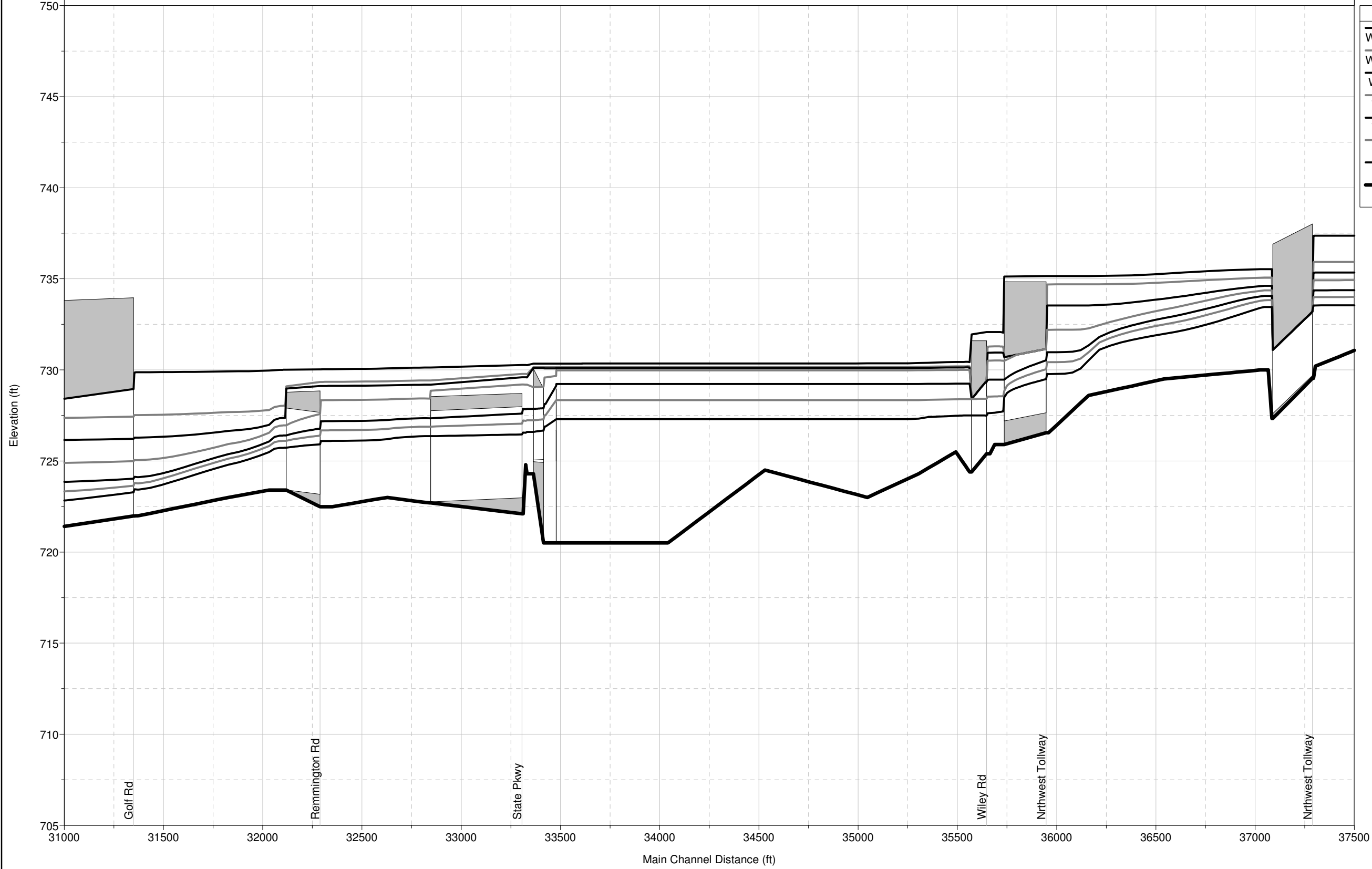
West Branch 1



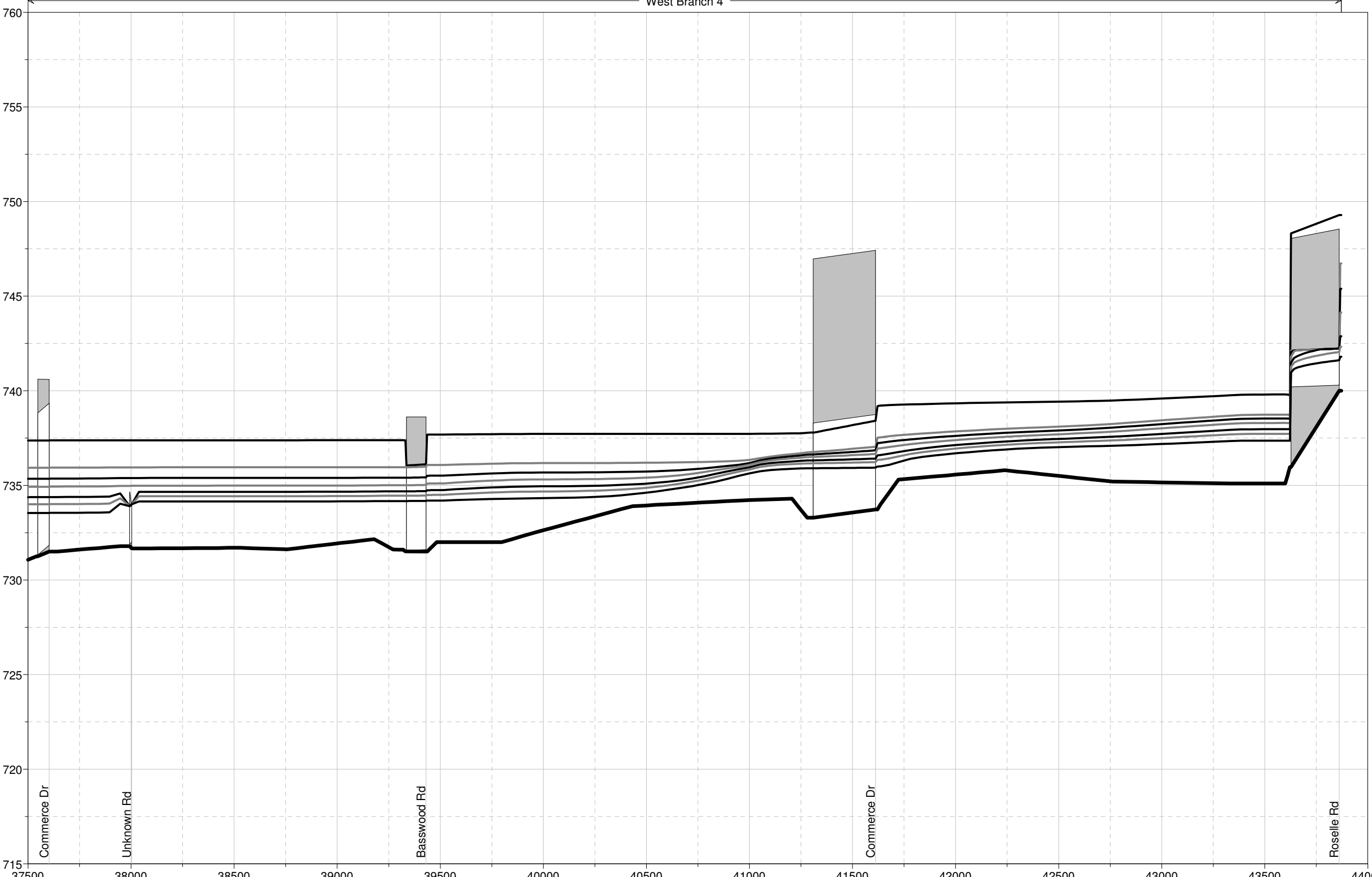
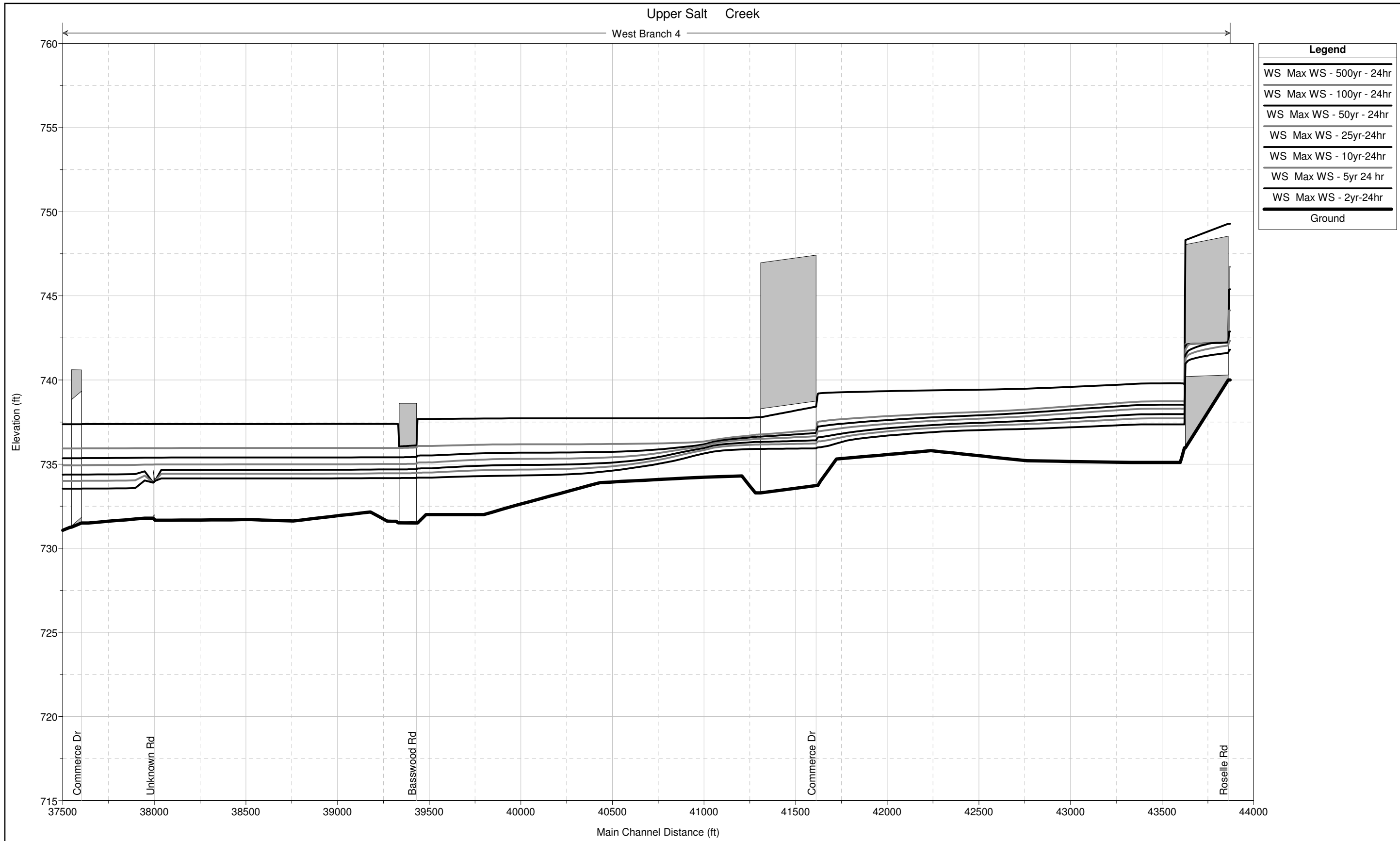
Legend	
WS Max WS - 500yr - 24hr	(lightest gray line)
WS Max WS - 100yr - 24hr	(light gray line)
WS Max WS - 50yr - 24hr	(medium-light gray line)
WS Max WS - 25yr-24hr	(medium gray line)
WS Max WS - 10yr-24hr	(medium-dark gray line)
WS Max WS - 5yr 24 hr	(dark gray line)
WS Max WS - 2yr-24hr	(black line)
Ground	(thick black line)

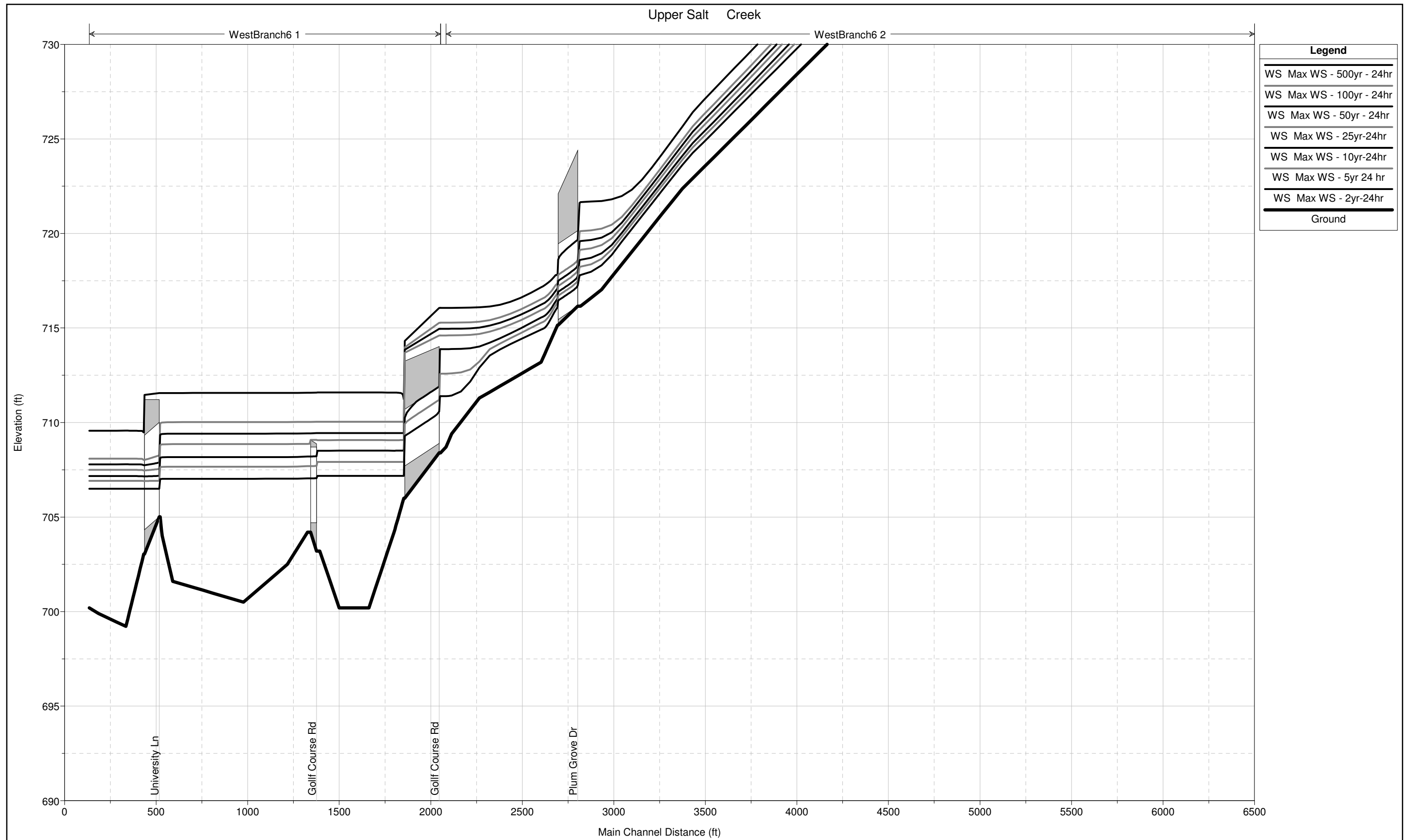
Upper Salt Creek

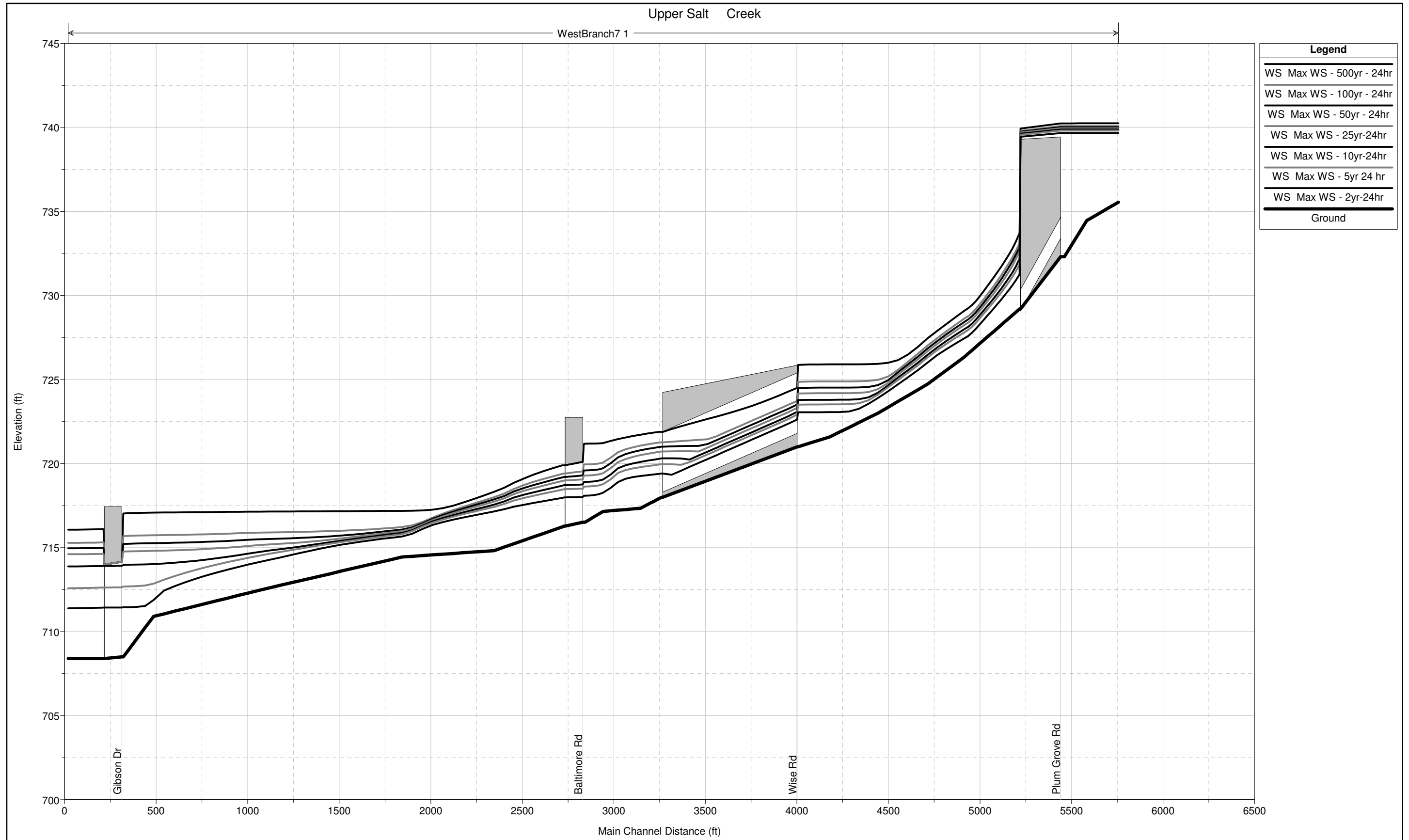
West Branch 4



Legend	
WS Max WS - 500yr - 24hr	(Lightest gray line)
WS Max WS - 100yr - 24hr	(Light gray line)
WS Max WS - 50yr - 24hr	(Medium-light gray line)
WS Max WS - 25yr-24hr	(Medium gray line)
WS Max WS - 10yr-24hr	(Medium-dark gray line)
WS Max WS - 5yr 24 hr	(Dark gray line)
WS Max WS - 2yr-24hr	(Thickest black line)
Ground	(Thinnest black line)





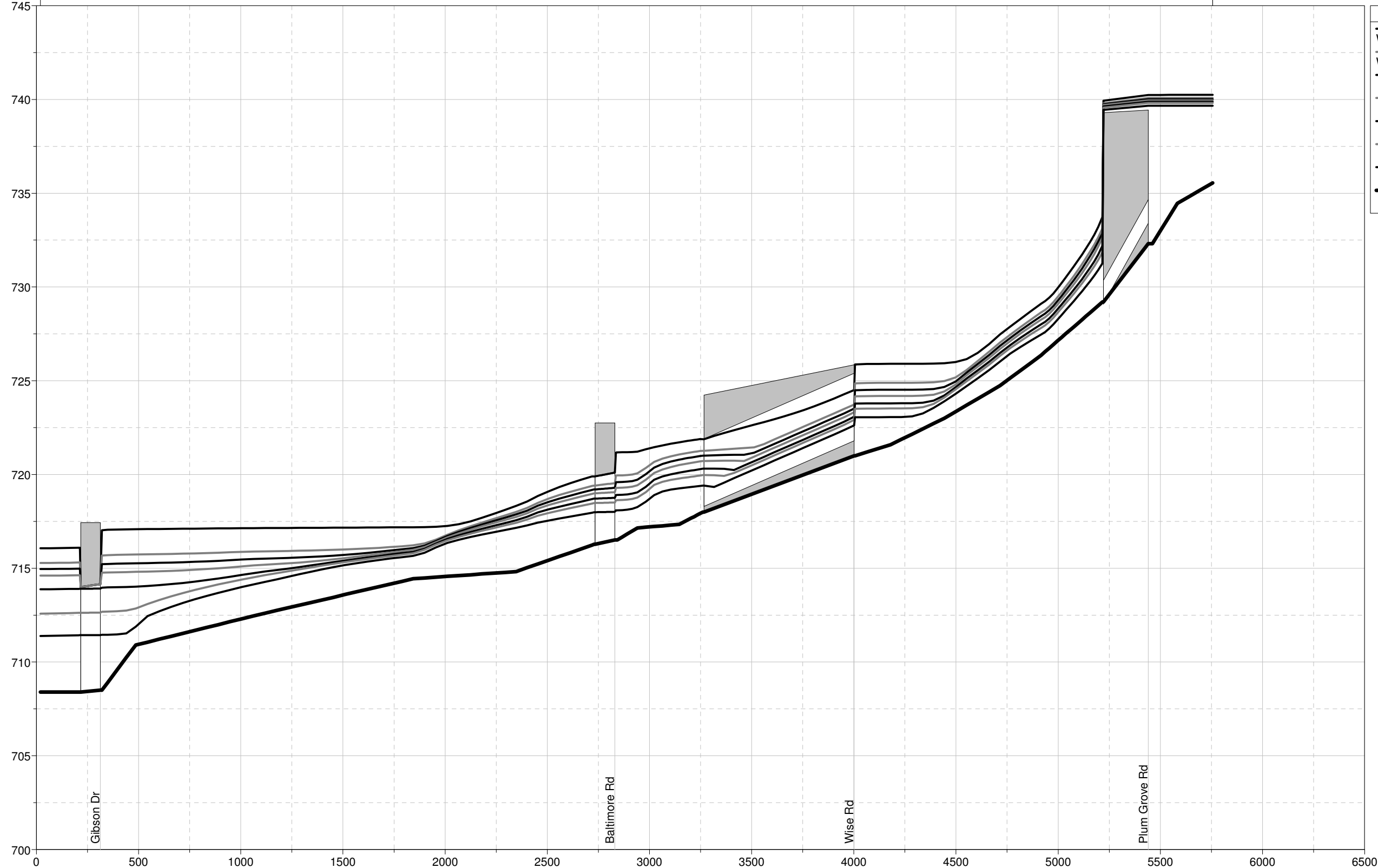


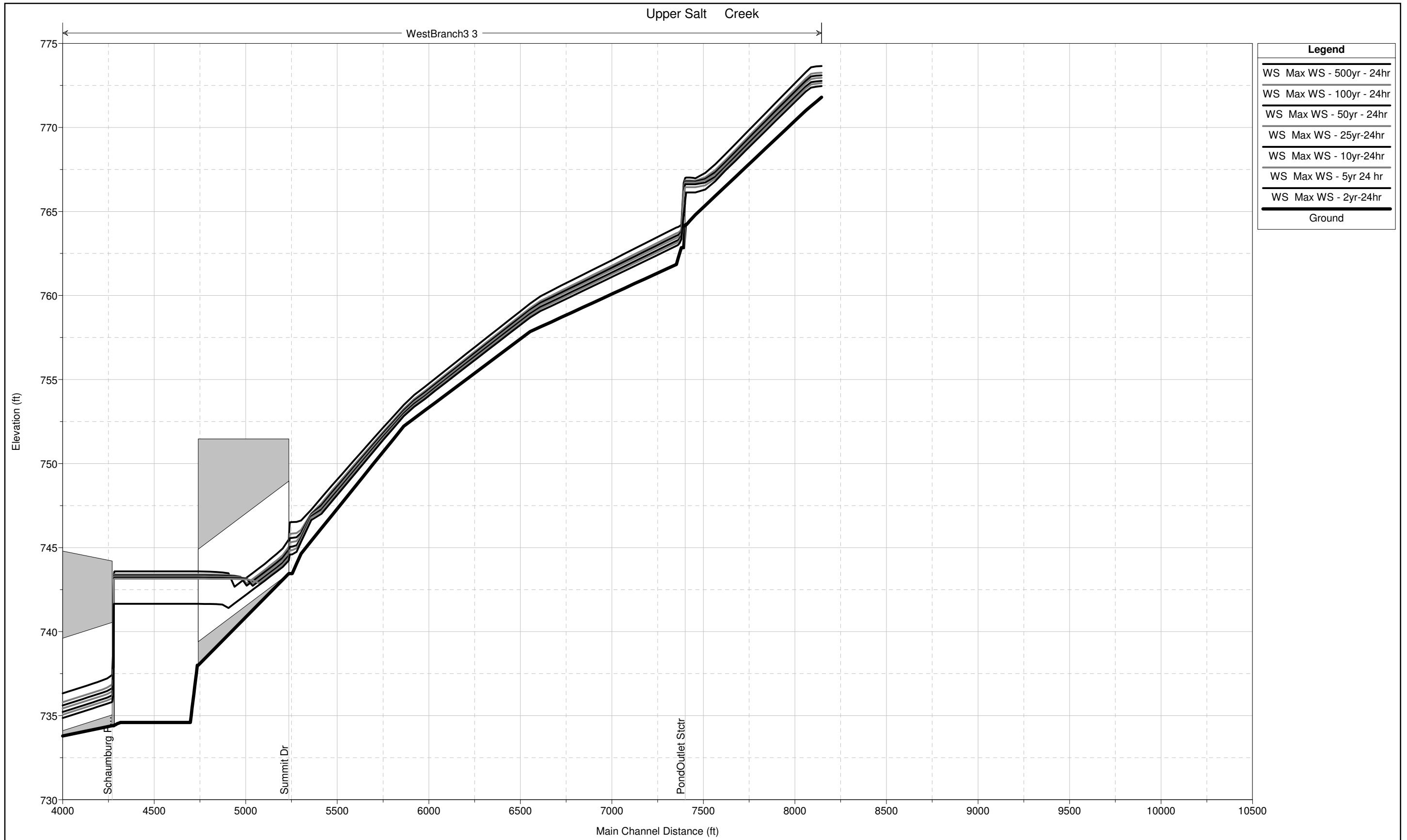
Gibson Dr

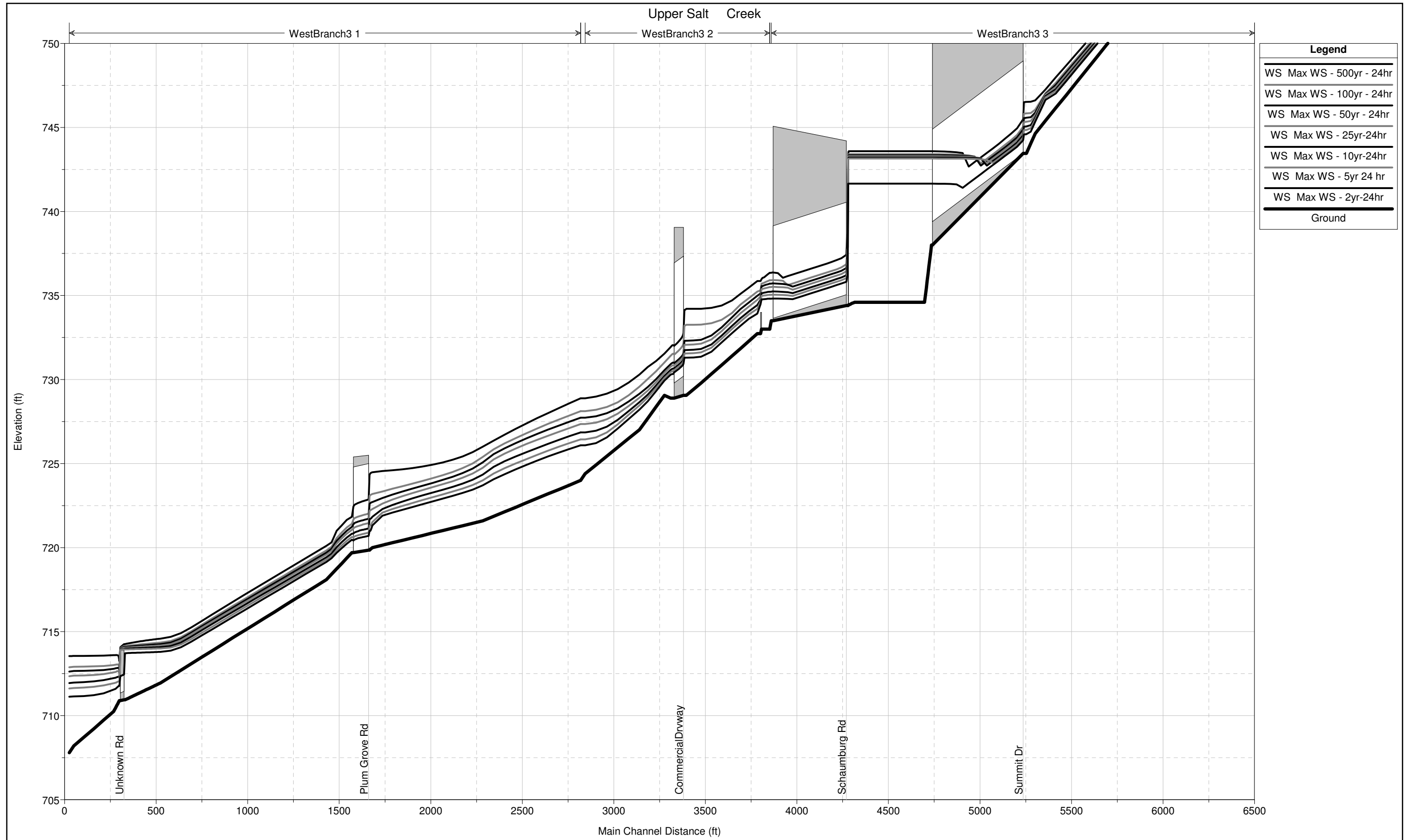
Baltimore Rd

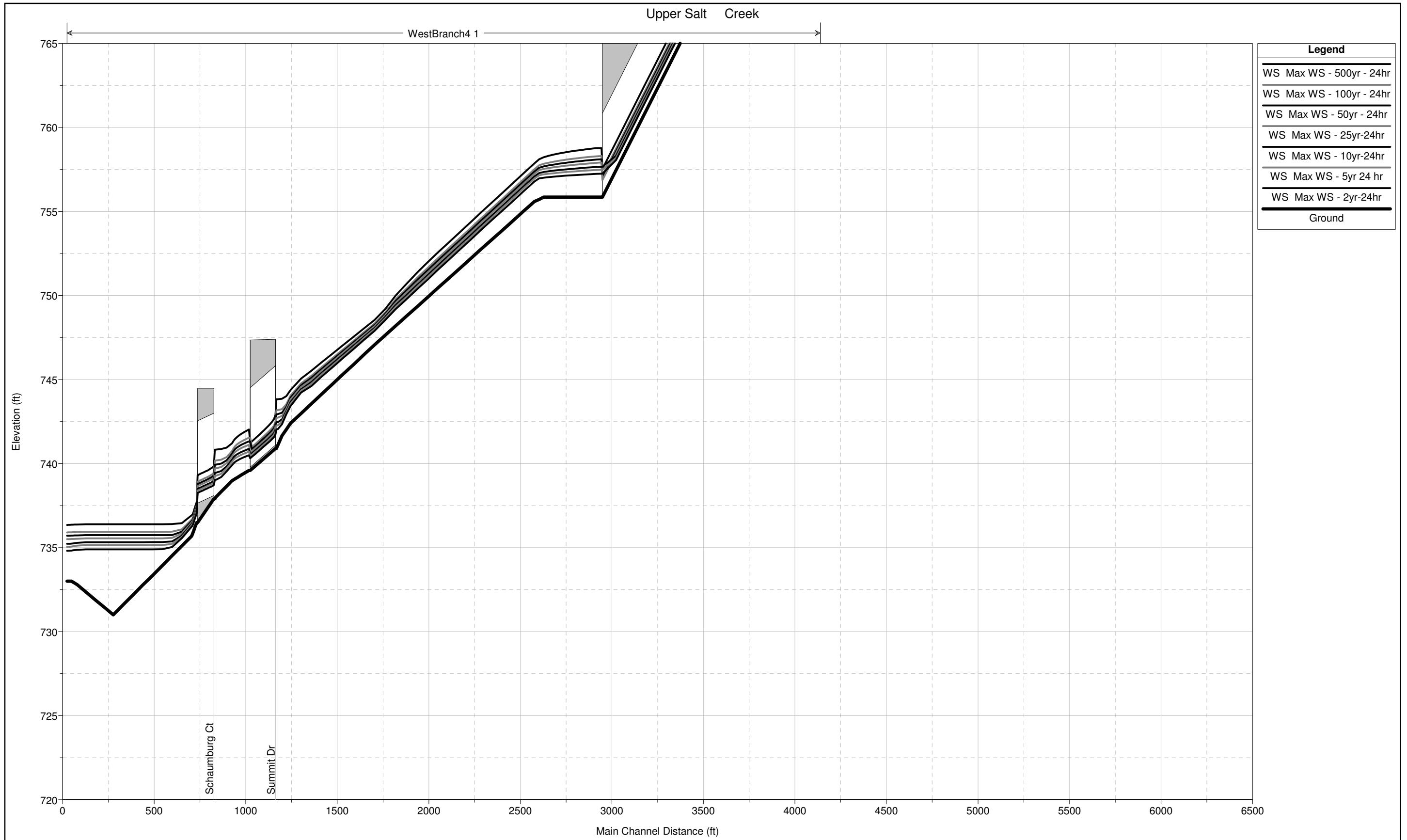
Wise Rd

Plum Grove Rd





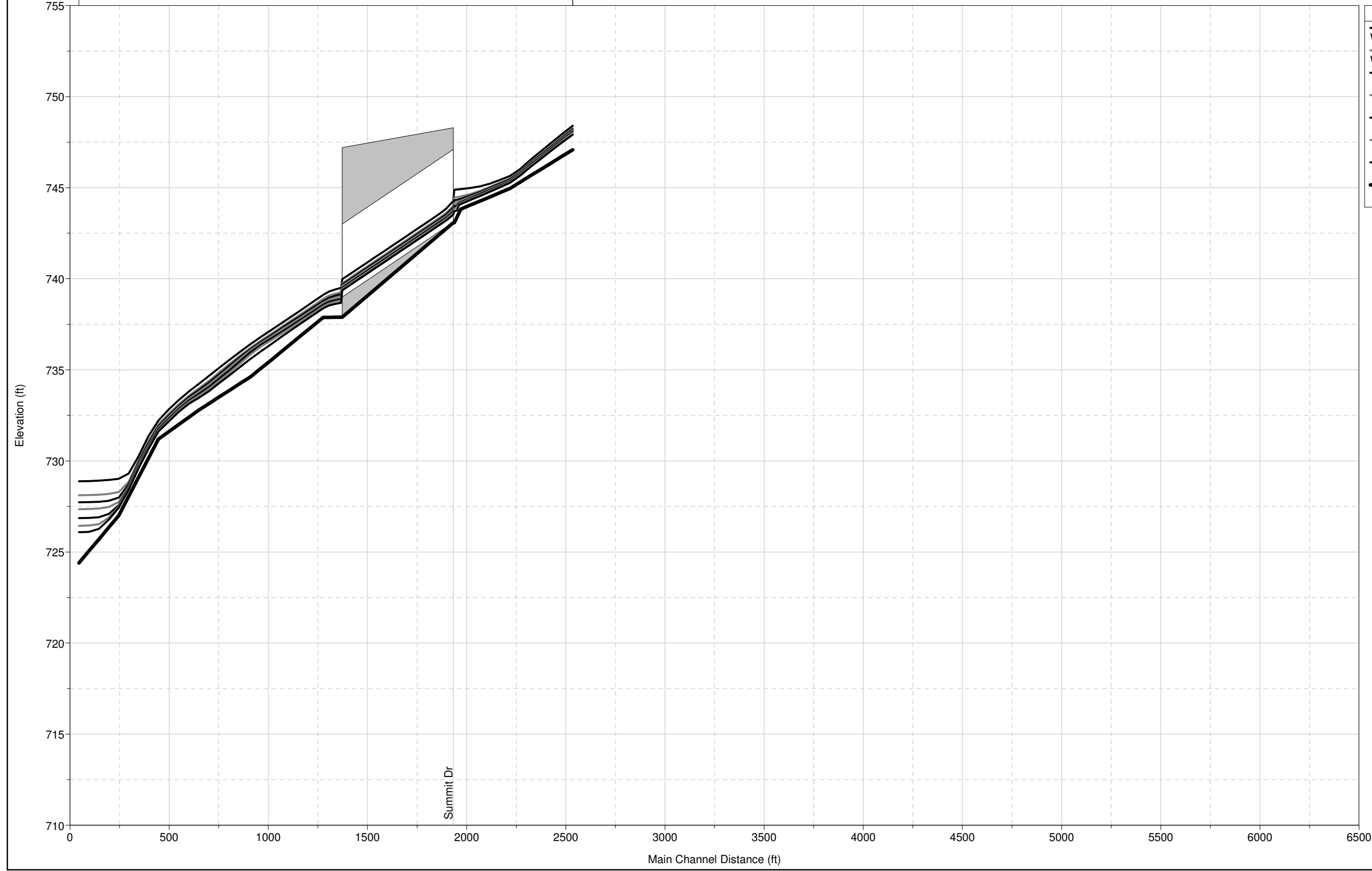


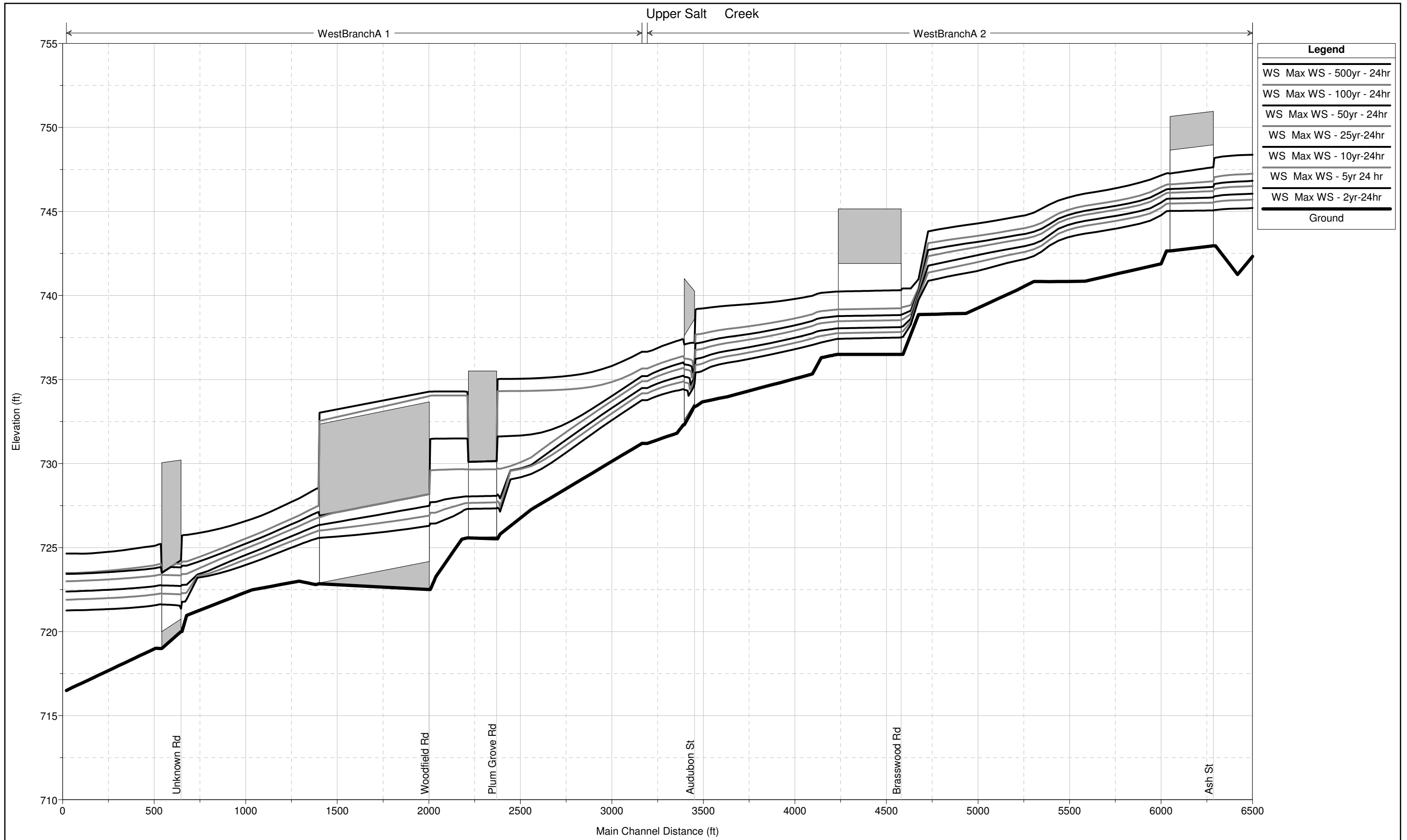


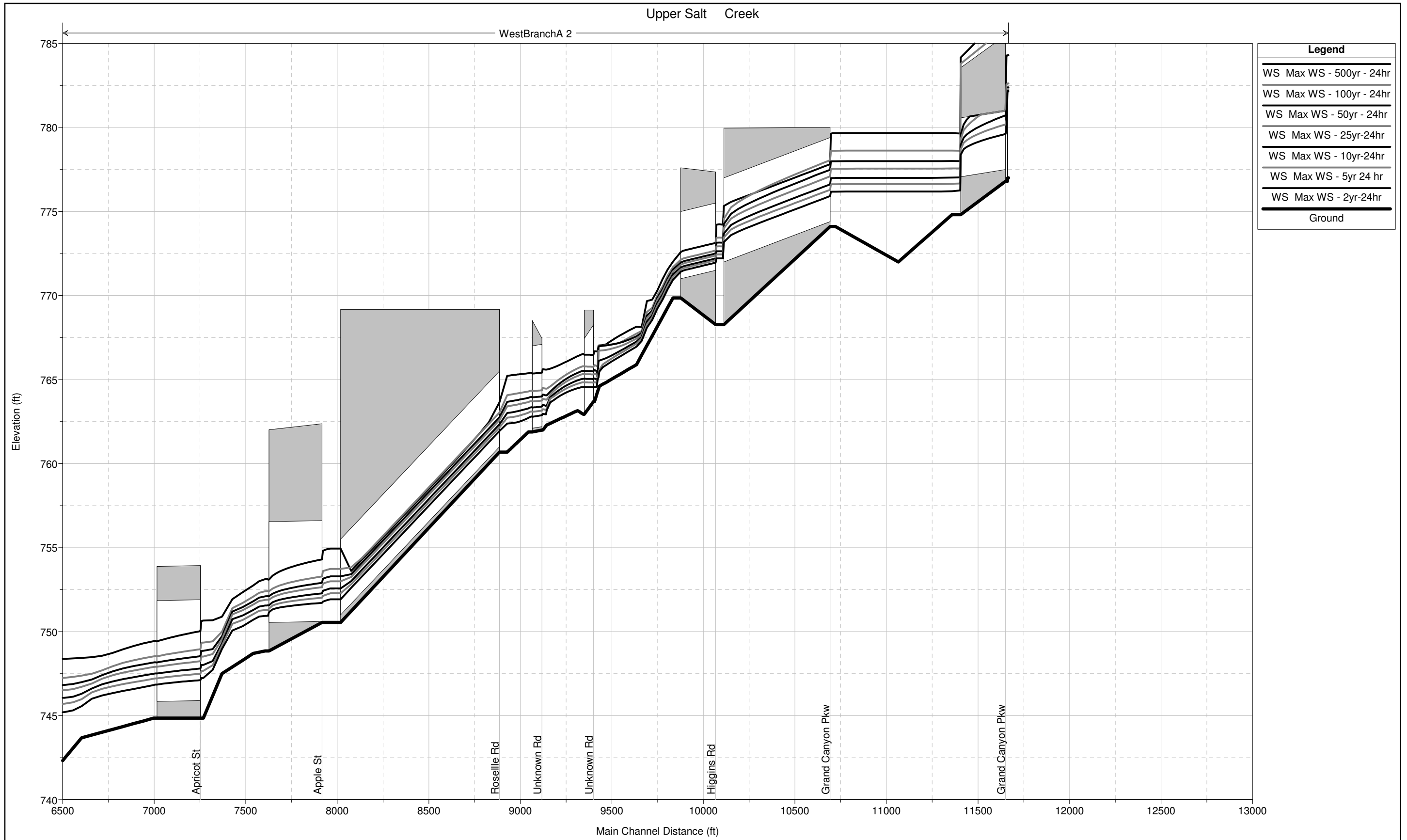
Upper Salt Creek

WestBranch5 1

Legend	
WS Max WS - 500yr - 24hr	
WS Max WS - 100yr - 24hr	
WS Max WS - 50yr - 24hr	
WS Max WS - 25yr-24hr	
WS Max WS - 10yr-24hr	
WS Max WS - 5yr 24 hr	
WS Max WS - 2yr-24hr	
Ground	

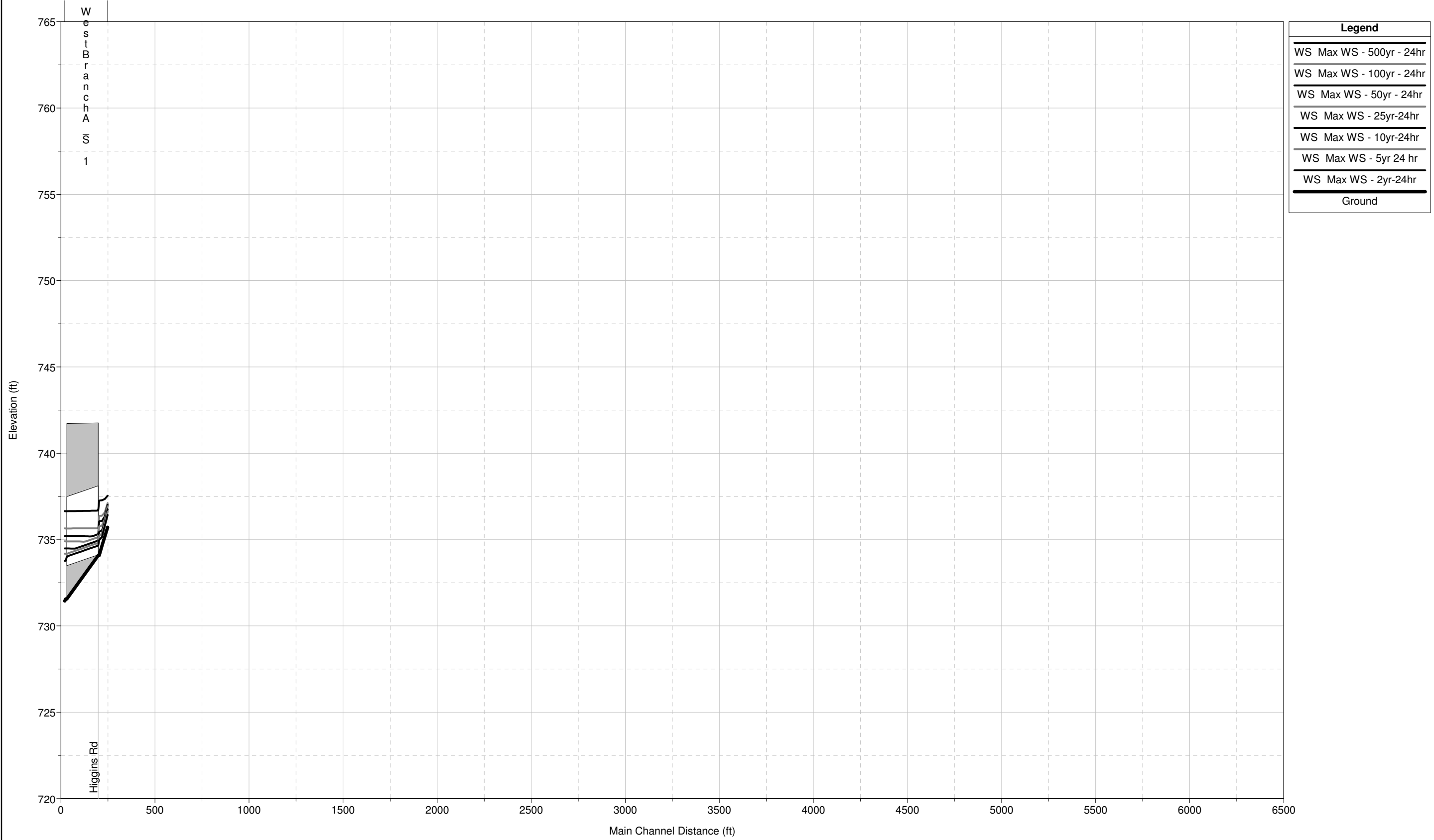






Legend	
WS Max WS - 500yr - 24hr	(Thick solid black line)
WS Max WS - 100yr - 24hr	(Thin solid black line)
WS Max WS - 50yr - 24hr	(Thin solid black line)
WS Max WS - 25yr-24hr	(Thin solid black line)
WS Max WS - 10yr-24hr	(Thin solid black line)
WS Max WS - 5yr 24 hr	(Thin solid black line)
WS Max WS - 2yr-24hr	(Thin solid black line)
Ground	(Thick solid black line)

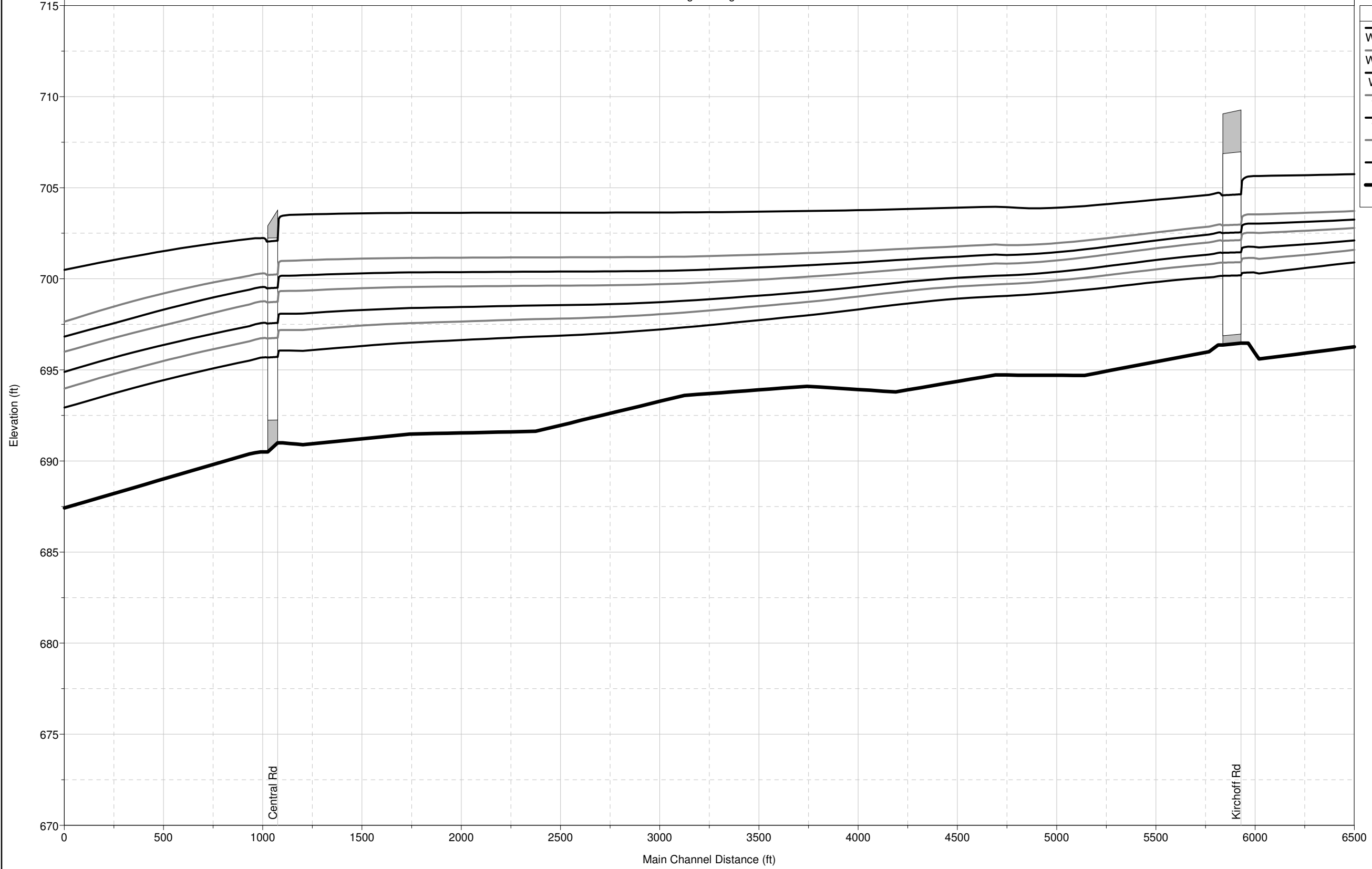
Upper Salt Creek



Arlington Heights Branch

Upper Salt Creek

Arlington Height 1

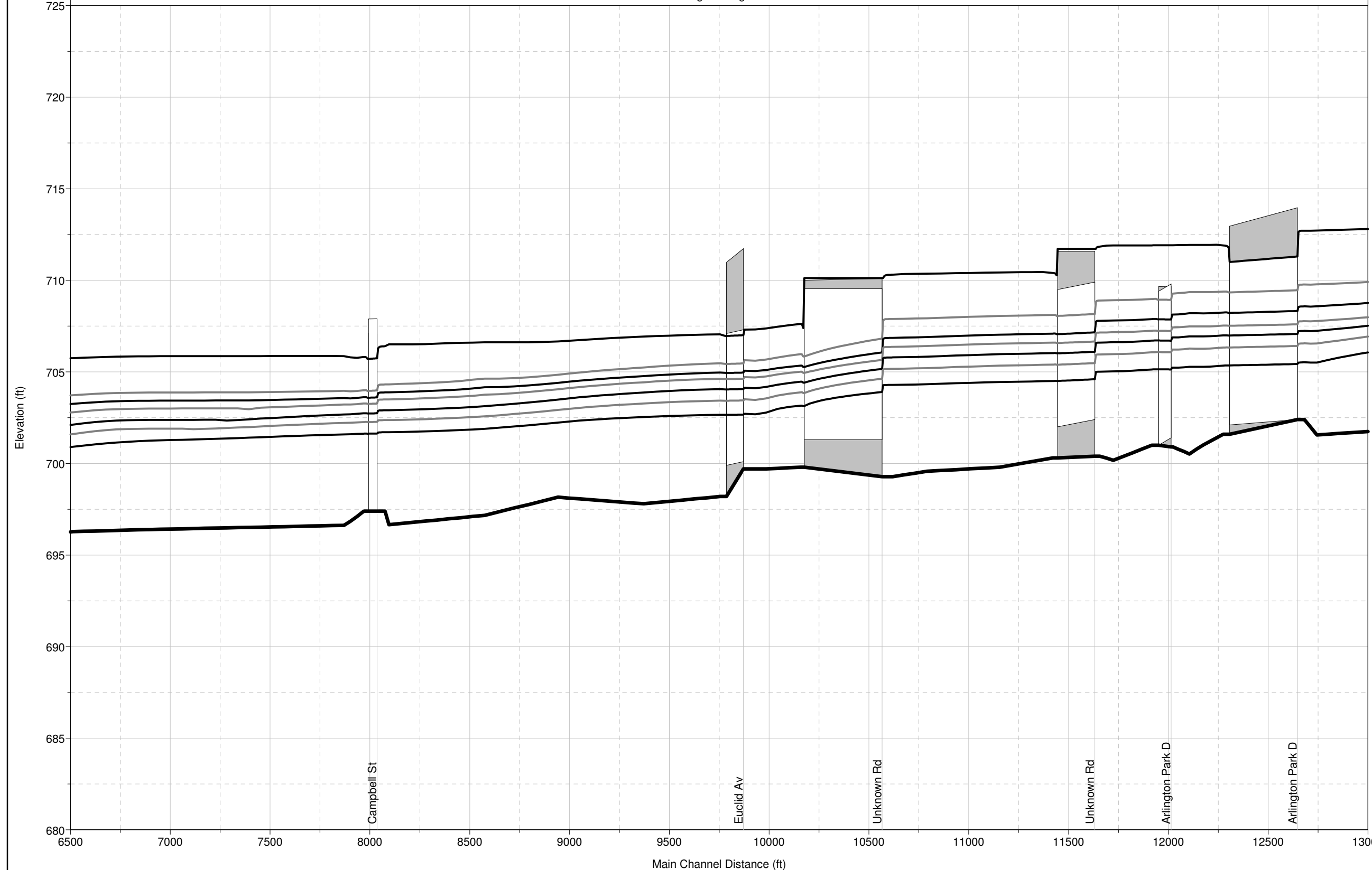


Legend

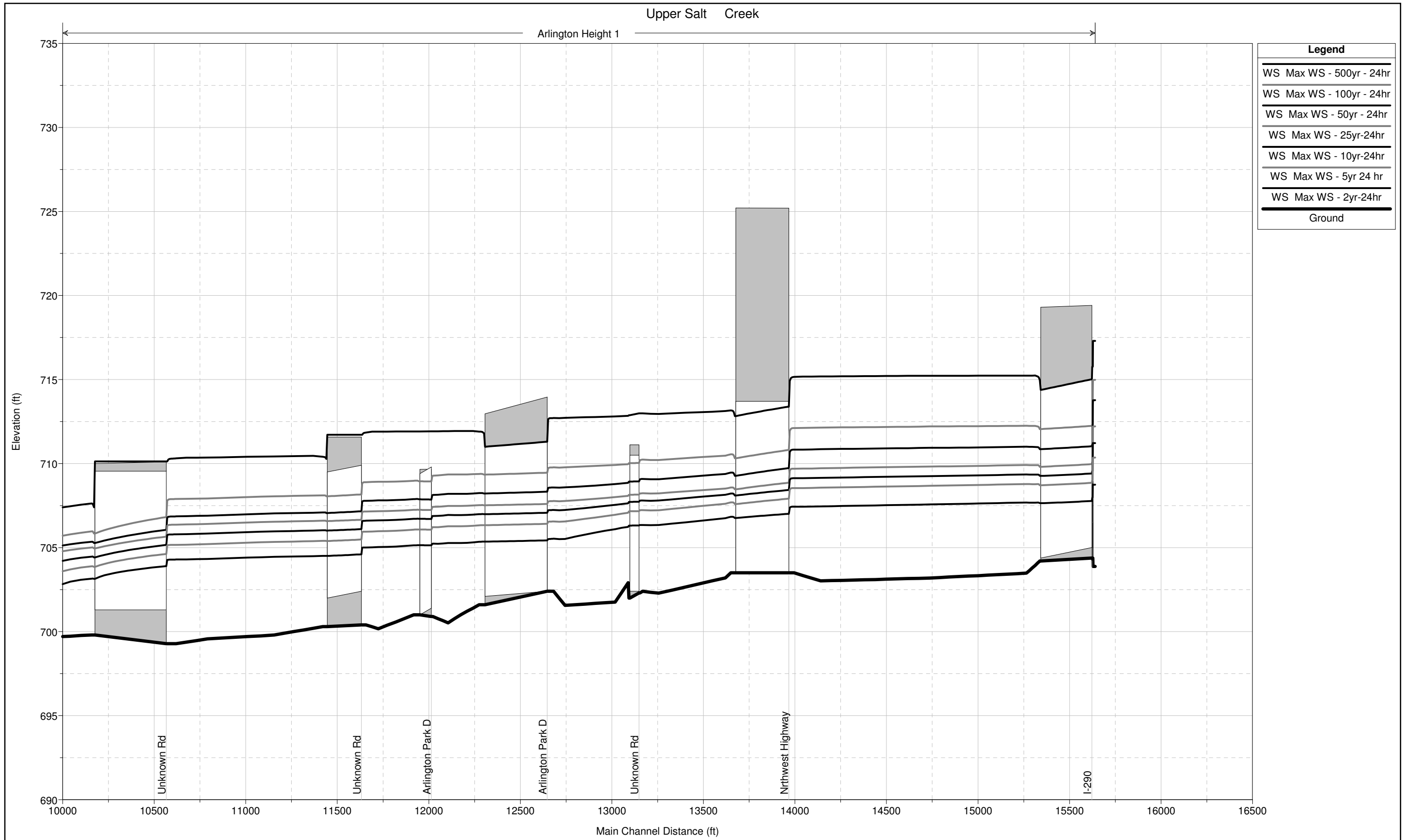
- WS Max WS - 500yr - 24hr
- WS Max WS - 100yr - 24hr
- WS Max WS - 50yr - 24hr
- WS Max WS - 25yr-24hr
- WS Max WS - 10yr-24hr
- WS Max WS - 5yr 24 hr
- WS Max WS - 2yr-24hr
- Ground

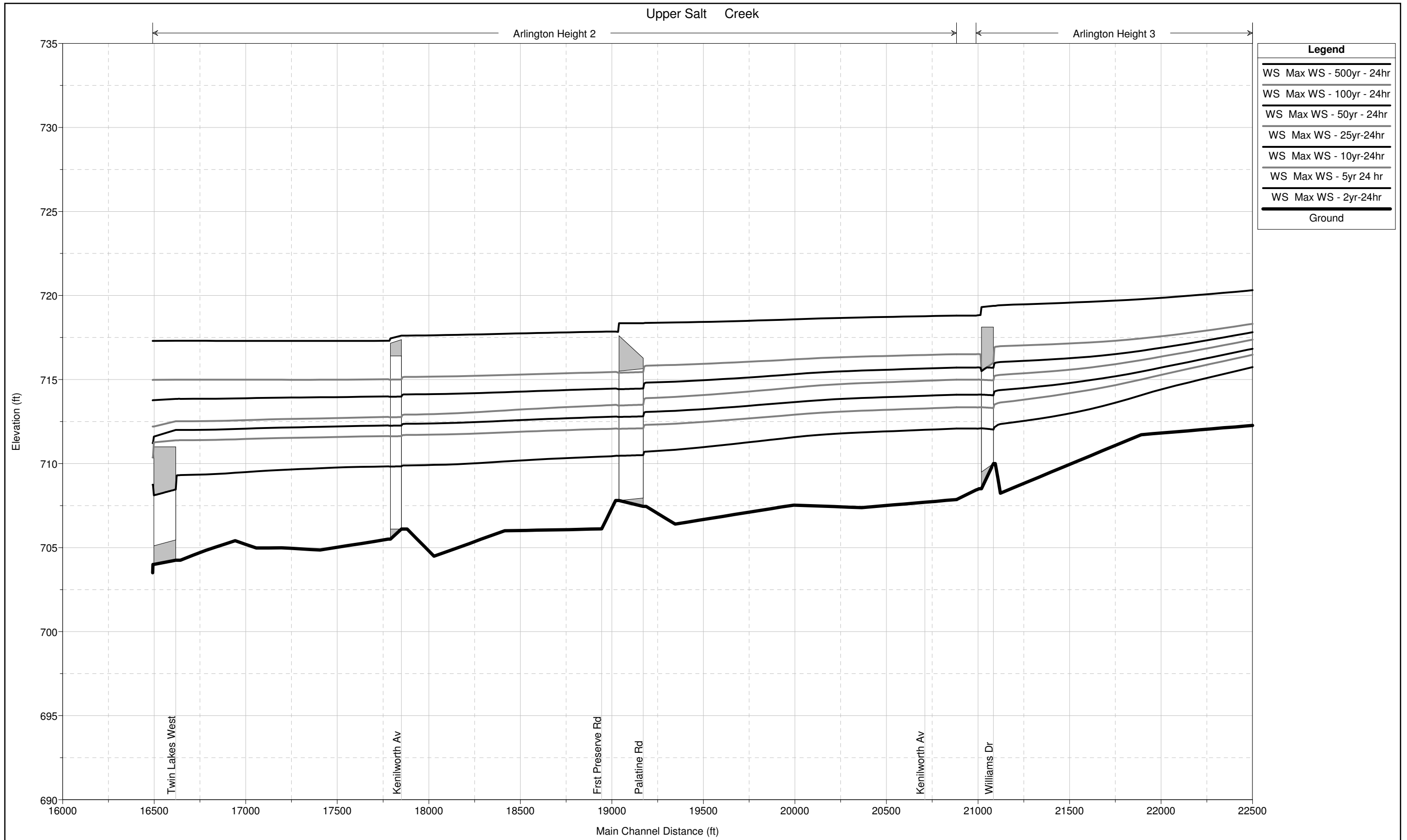
Upper Salt Creek

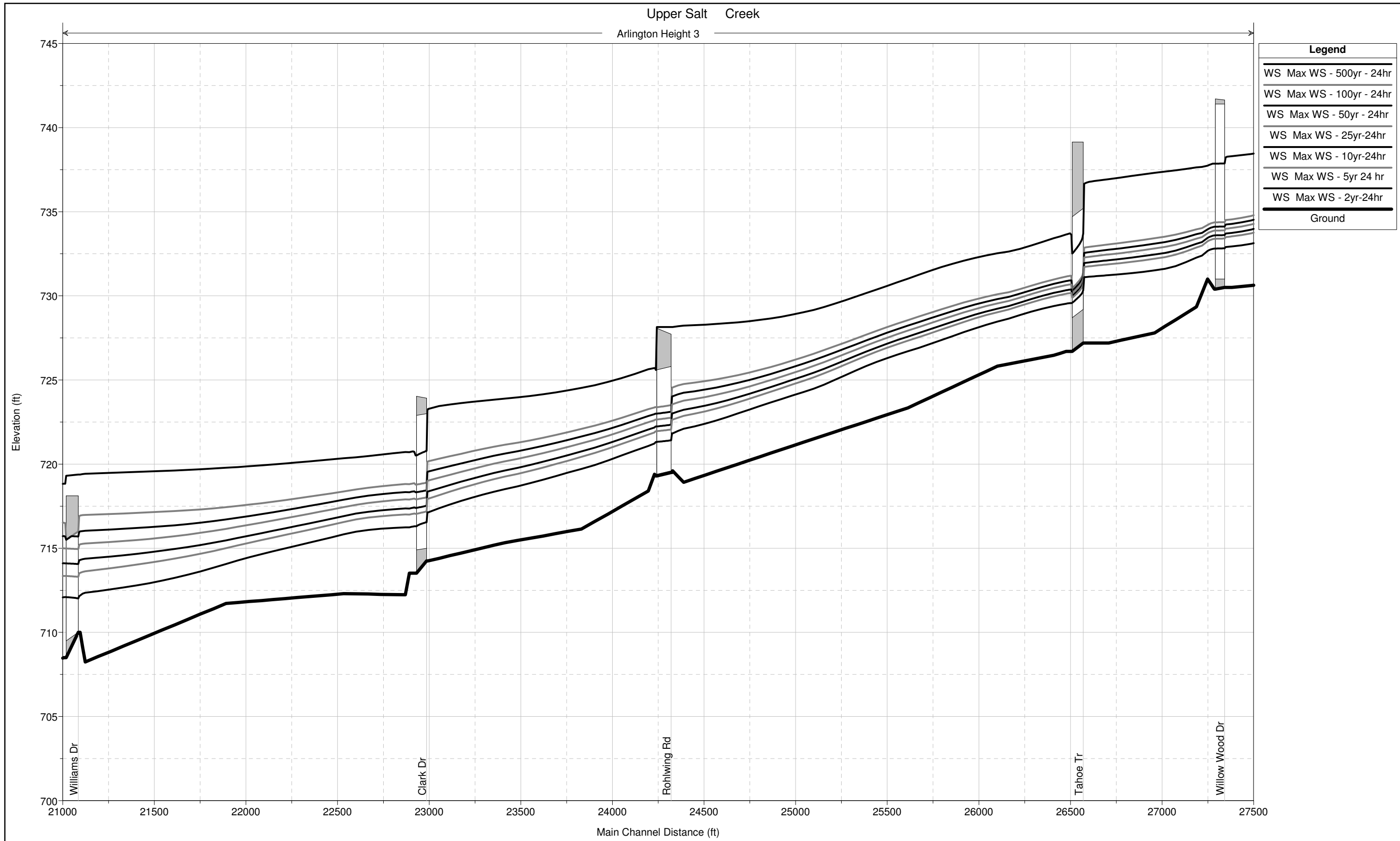
Arlington Height 1



Legend	
WS Max WS - 500yr - 24hr	
WS Max WS - 100yr - 24hr	
WS Max WS - 50yr - 24hr	
WS Max WS - 25yr-24hr	
WS Max WS - 10yr-24hr	
WS Max WS - 5yr 24 hr	
WS Max WS - 2yr-24hr	
Ground	







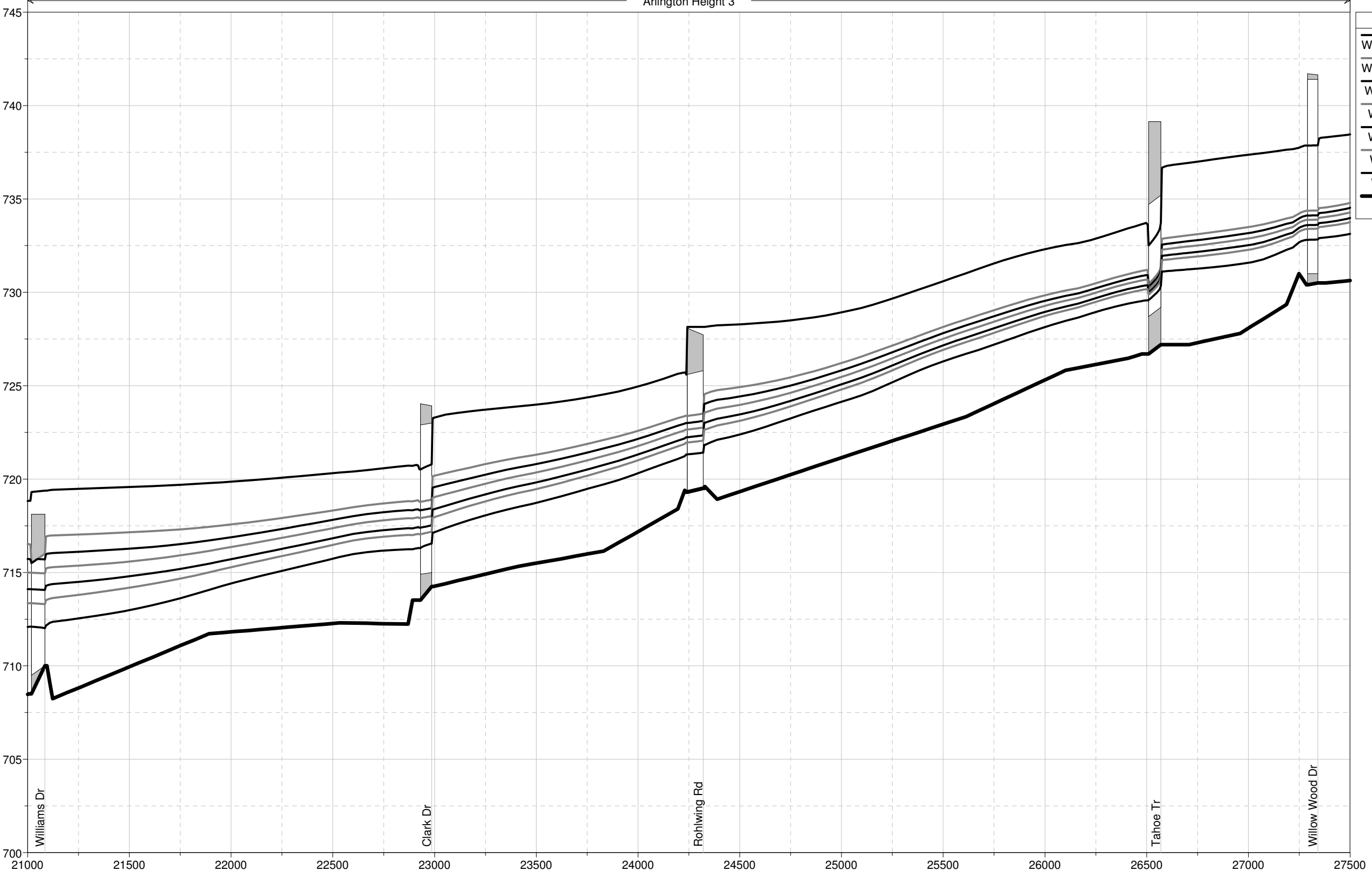
Williams Dr

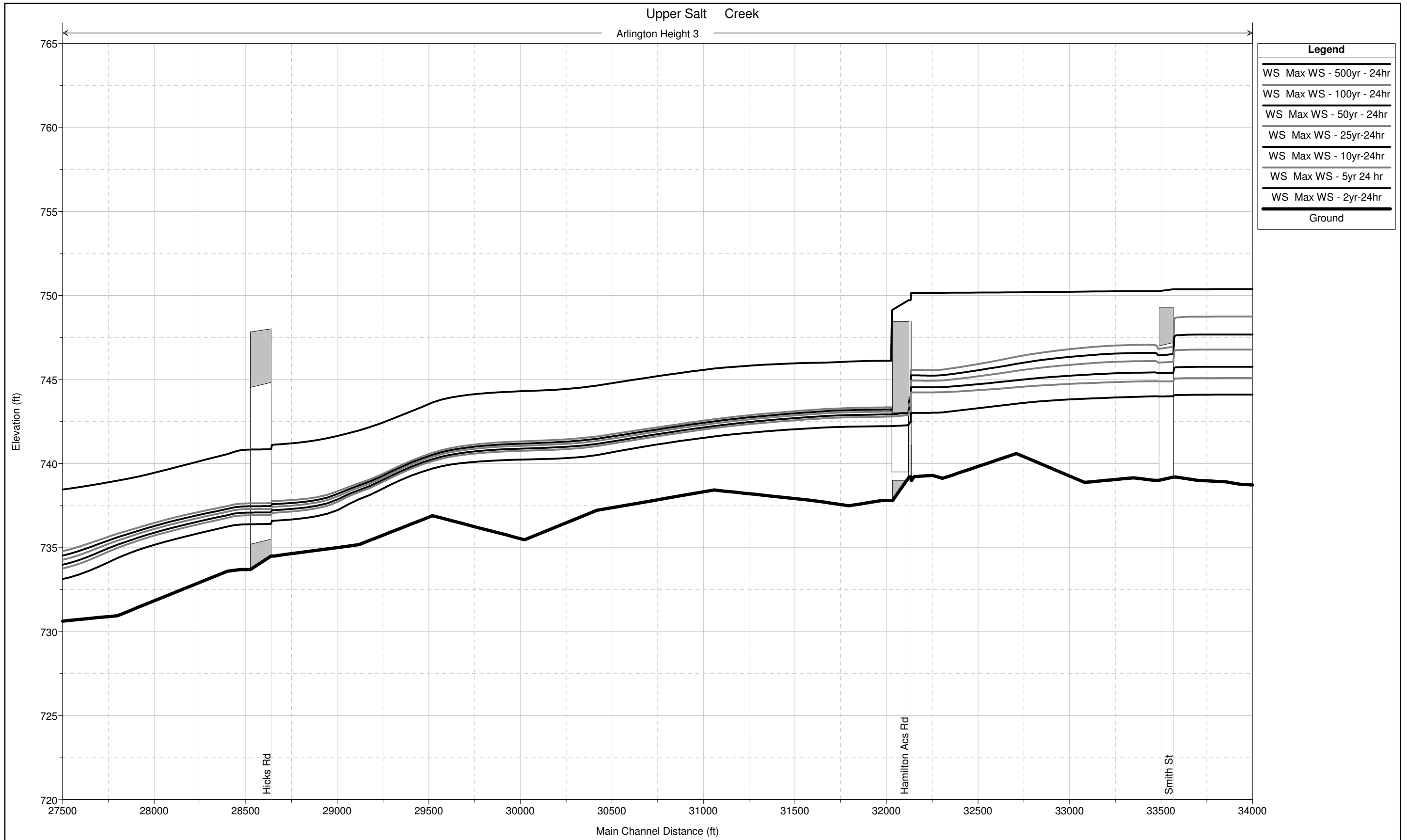
Clark Dr

Rohlwing Rd

Tahoe Tr

Willow Wood Dr





Hicks Rd

Hamilton Acs Rd

Smith St

Upper Salt Creek

Arlington Height 3

Arlington Height 4

Legend

- WS Max WS - 500yr - 24hr
- WS Max WS - 100yr - 24hr
- WS Max WS - 50yr - 24hr
- WS Max WS - 25yr-24hr
- WS Max WS - 10yr-24hr
- WS Max WS - 5yr 24 hr
- WS Max WS - 2yr-24hr
- Ground

