

RAS Model Data

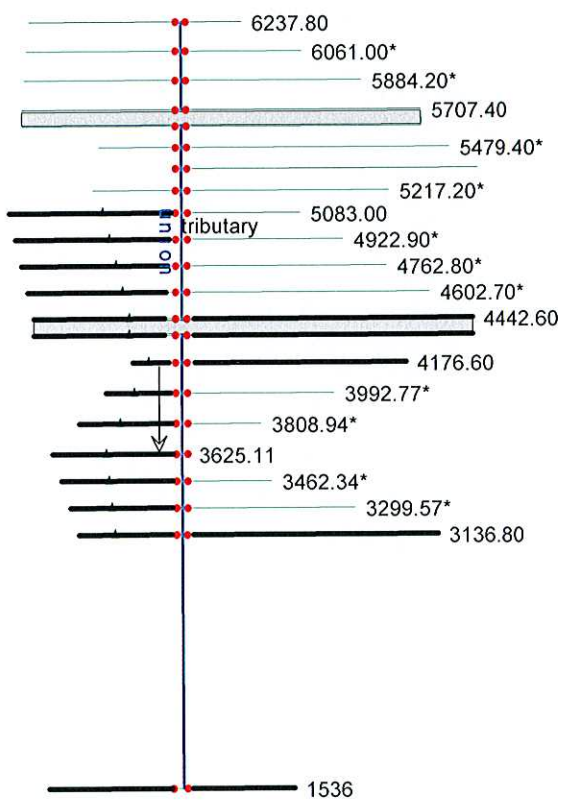
For

Unionhouse Creek – Tributary Post Fvcp

Model Schematic Layout

Input Hydrograph Summary

Summary Output Table



RAS Input H. Graph Summary

River	Reach	Starts at Location	Ends at Xsect	Type	DSS File	DSS Path
union	tributar1	4237.80		Flow Hydrograph	hcalcpst.dss	/UHEPOST/UH-1E/FLOW/31DEC1999/IMIN/100YR-24HR/
union	tributar1	4442.60	3625.11	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHEPOST/UH-1G/FLOW/31DEC1999/IMIN/100YR-24HR/
union	tributar1	1536		Stage Hydrograph	UnionHouse.dss	/UNION_HOUSE UHCREEK/22900/STAGE/01JAN2000/10MIN/UH-2/

HEC-RAS River: union Reach: tributary Profile: Max WS

Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
tributary	6237.80	100-year	151.38	42.00	46.58		46.61	0.000352	1.38	109.56	37.79	0.14
tributary	6237.80	10-year Trib	103.86	42.00	45.23		45.27	0.000718	1.63	63.90	29.58	0.19
tributary	6061.00*	100-year	146.87	41.67	46.54		46.56	0.000256	1.22	120.49	39.48	0.12
tributary	6061.00*	10-year Trib	98.86	41.67	45.14		45.17	0.000487	1.39	71.01	30.98	0.16
tributary	5884.20*	100-year	144.22	41.33	46.51		46.53	0.000190	1.09	132.74	41.27	0.11
tributary	5884.20*	10-year Trib	95.41	41.33	45.07		45.10	0.000330	1.20	79.75	32.61	0.13
tributary	5707.40	100-year	142.95	41.00	46.48		46.50	0.000146	0.98	145.54	43.08	0.09
tributary	5707.40	10-year Trib	93.87	41.00	45.03		45.05	0.000235	1.05	89.30	34.32	0.11
tributary	5657.40		Culvert									
tributary	5607.40	100-year	130.31	41.00	46.13		46.15	0.000161	1.00	130.81	40.97	0.10
tributary	5607.40	10-year Trib	78.79	41.00	44.84		44.85	0.000203	0.95	82.86	33.16	0.11
tributary	5479.40*	100-year	129.51	40.95	46.12		46.13	0.000147	0.95	136.16	42.72	0.09
tributary	5479.40*	10-year Trib	78.05	40.95	44.82		44.83	0.000185	0.91	86.03	34.50	0.10
tributary	5351.40	100-year	129.47	40.90	46.10		46.11	0.000135	0.91	141.90	44.58	0.09
tributary	5351.40	10-year Trib	76.89	40.90	44.80		44.81	0.000165	0.86	89.47	35.92	0.10
tributary	5217.20*	100-year	128.84	40.85	46.08		46.10	0.000122	0.87	148.39	46.70	0.09
tributary	5217.20*	10-year Trib	76.39	40.85	44.78		44.79	0.000150	0.82	93.36	37.54	0.09
tributary	5083.00	100-year	128.80	40.80	46.07		46.08	0.000111	0.83	155.45	48.99	0.08
tributary	5083.00	10-year Trib	75.92	40.80	44.76		44.77	0.000135	0.78	97.63	39.30	0.09
tributary	4922.90*	100-year	128.31	40.78	46.05		46.06	0.000108	0.82	157.17	49.60	0.08
tributary	4922.90*	10-year Trib	75.08	40.78	44.74		44.75	0.000130	0.76	98.50	39.74	0.09
tributary	4762.80*	100-year	128.26	40.75	46.04		46.05	0.000104	0.80	159.39	50.29	0.08
tributary	4762.80*	10-year Trib	74.30	40.75	44.72		44.73	0.000124	0.74	99.80	40.26	0.08
tributary	4602.70*	100-year	128.17	40.72	46.02		46.03	0.000101	0.79	161.77	51.02	0.08
tributary	4602.70*	10-year Trib	73.56	40.72	44.70		44.71	0.000116	0.73	101.22	40.82	0.08
tributary	4442.60	100-year	127.99	40.70	46.01		46.02	0.000098	0.78	163.96	51.80	0.08
tributary	4442.60	10-year Trib	69.56	40.70	44.69		44.69	0.000103	0.68	102.51	41.41	0.08
tributary	4392.60		Culvert									
tributary	4342.60	100-year	123.01	40.60	45.71		45.72	0.000109	0.81	152.55	49.71	0.08
tributary	4342.60	10-year Trib	68.21	40.60	44.56		44.57	0.000104	0.68	100.49	40.76	0.08
tributary	4176.60	100-year	146.45	40.50	45.68		45.70	0.000139	0.91	160.38	51.88	0.09
tributary	4176.60	10-year Trib	75.68	40.50	44.54		44.55	0.000112	0.71	106.31	42.64	0.08
tributary	3992.77*	100-year	172.79	40.33	45.64		45.66	0.000237	1.03	167.73	53.16	0.10
tributary	3992.77*	10-year Trib	73.52	40.33	44.52		44.52	0.000124	0.65	113.14	44.03	0.07
tributary	3808.94*	100-year	198.77	40.17	45.58		45.60	0.000364	1.14	173.80	54.27	0.11
tributary	3808.94*	10-year Trib	80.90	40.17	44.49		44.50	0.000165	0.68	119.64	45.37	0.07
tributary	3625.11	100-year	224.96	40.00	45.51		45.54	0.000240	1.25	180.67	55.53	0.12
tributary	3625.11	10-year Trib	87.84	40.00	44.47		44.47	0.000095	0.69	127.04	46.89	0.07
tributary	3462.34*	100-year	224.71	39.83	45.47		45.49	0.000379	1.20	187.98	56.72	0.12
tributary	3462.34*	10-year Trib	94.04	39.83	44.44		44.45	0.000164	0.70	134.42	48.25	0.07
tributary	3299.57*	100-year	223.89	39.67	45.41		45.43	0.000269	1.15	195.03	57.91	0.11
tributary	3299.57*	10-year Trib	100.29	39.67	44.42		44.43	0.000128	0.71	141.59	49.62	0.07
tributary	3136.80	100-year	222.44	39.50	45.38		45.40	0.000172	1.09	203.89	59.36	0.10
tributary	3136.80	10-year Trib	93.31	39.50	44.41		44.41	0.000069	0.62	150.11	51.19	0.06
tributary	1536	100-year	186.91	38.90	45.21	40.41	45.21	0.000024	0.47	442.31	119.45	0.04
tributary	1536	10-year Trib	92.57	38.90	44.34	39.95	44.34	0.000014	0.30	338.89	119.45	0.03