

RAS Model Data

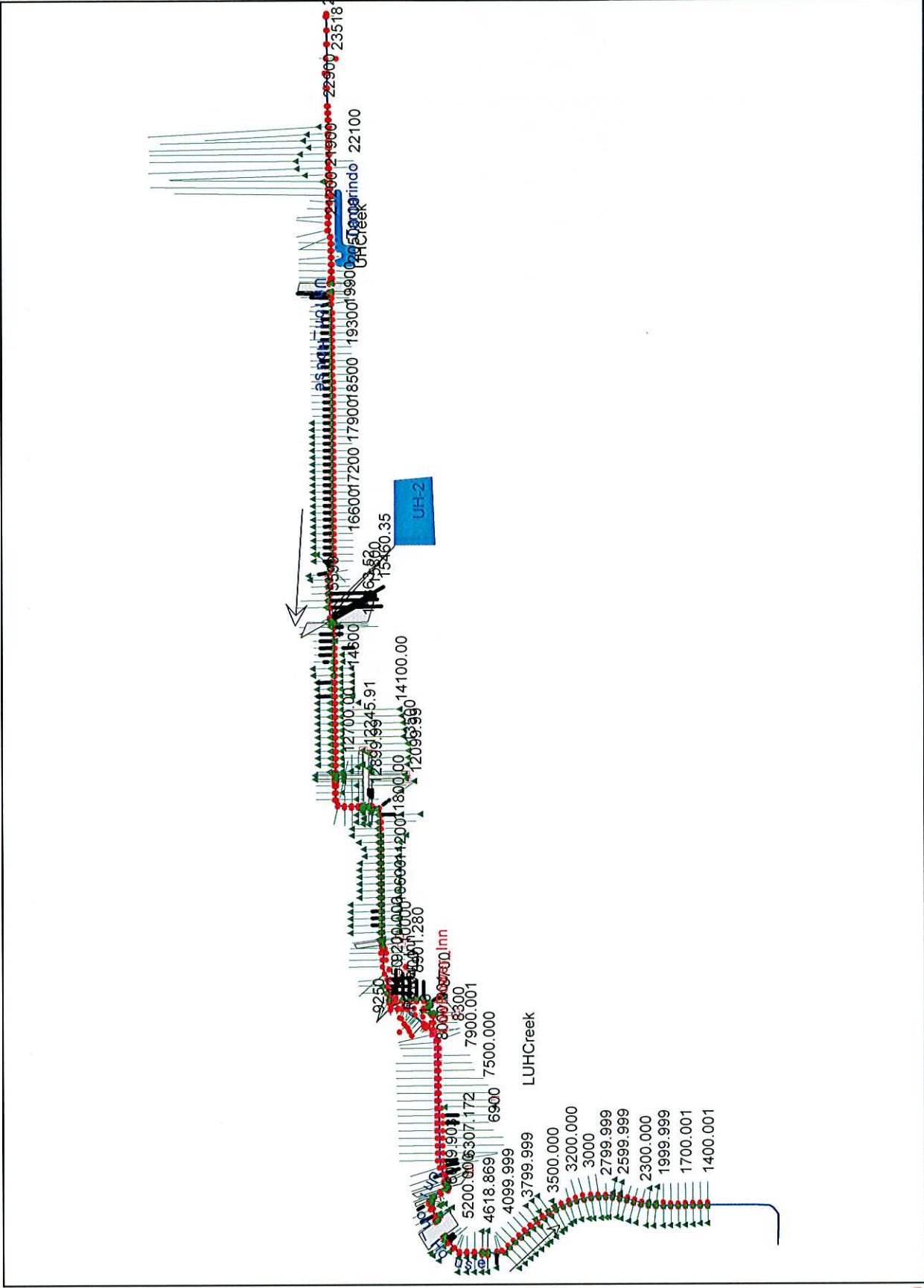
For

Unionhouse Creek – Post Fvcp

Model Schematic Layout

Input Hydrograph Summary

Summary Output Table



RAS Input Hydrograph Summary

River	Reach	Starts at Location	Ends at Xsect	Type	DSS File	DSS_Path
Power Inn	Power In12			Flow Hydrograph	hcalcpst.dss	
Union House	UHCreek	24167		Flow Hydrograph	hcalcpst.dss	/UHPOST/C-UH1E/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	24130	23930	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/UH-1C/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	22900	22800.00	Uniform Lateral Inflow Hydrograph	Trab.dss	/UNION TRIBUTARY/1536/FLOW/01JAN2000/1MIN/100-YEAR/
Union House	UHCreek	22800.00	20318.09	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/DH-1A/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	20400		Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/TAM1/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	20200.55	15422.51	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/UH-3/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	20167.24	17700	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/UH-2A/FLOW/01JAN2000/1MIN/100YR-24HR/
Union House	UHCreek	17700	16200.00	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/UH2BHI/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	15333.44	14900	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/UH-4/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	11500	12349.00	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/UH-5/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	14699.99	11300	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/UH-6/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	12327.31	9200.000	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/UH-7/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	11200	8661.555	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/DH-8/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	8100.001	8223.466	Uniform Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/UH-9/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	6000.001		Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/UH-10/FLOW/31DEC1999/1MIN/100YR-24HR/
Union House	UHCreek	1400.001		Rating Curve	hcalcpst.dss	
Union House	UH-2			Lateral Inflow Hydrograph	hcalcpst.dss	/UHPOST/UH2-10/FLOW/31DEC1999/1MIN/100YR-24HR/

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
UHCreek	24167	10-year	100.18	42.00	44.67		45.21	0.012401	5.93	16.90	9.01	0.76
UHCreek	24167	UH-2	127.07	42.00	46.05		46.31	0.003857	4.06	31.27	11.70	0.44
UHCreek	24130	10-year	102.14	41.00	44.77		44.83	0.000587	1.90	53.82	18.25	0.19
UHCreek	24130	UH-2	145.19	41.00	46.16		46.21	0.000380	1.79	81.06	20.97	0.16
UHCreek	23930	10-year	149.63	40.30	44.37		44.52	0.001651	3.16	47.41	14.96	0.31
UHCreek	23930	UH-2	189.42	40.30	45.87		45.99	0.000947	2.78	71.62	17.24	0.24
UHCreek	23729	10-year	143.15	39.90	44.14		44.24	0.001071	2.62	54.69	18.11	0.27
UHCreek	23729	UH-2	195.20	39.90	45.77		45.84	0.000557	2.23	87.40	22.04	0.20
UHCreek	23518	10-year	128.23	39.70	43.97		44.04	0.000724	2.17	58.98	19.65	0.22
UHCreek	23518	UH-2	191.17	39.70	45.68		45.74	0.000420	1.98	96.73	24.34	0.17
UHCreek	23306	10-year	125.61	39.20	43.91		43.94	0.000272	1.42	88.45	28.08	0.14
UHCreek	23306	UH-2	189.19	39.20	45.66		45.68	0.000166	1.32	143.62	34.91	0.11
UHCreek	23095	10-year	124.66	39.00	43.78		43.85	0.000597	2.03	61.28	18.92	0.20
UHCreek	23095	UH-2	180.09	39.00	45.58		45.63	0.000340	1.81	99.27	23.44	0.16
UHCreek	22900	10-year	123.16	38.90	43.63		43.68	0.000662	1.89	65.09	20.25	0.19
UHCreek	22900	UH-2	172.66	38.90	45.50		45.54	0.000332	1.60	107.70	25.19	0.14
UHCreek	22800.00	10-year	201.59	38.90	43.28		43.45	0.002047	3.28	61.51	19.51	0.33
UHCreek	22800.00	UH-2	399.30	38.90	44.96		45.22	0.002277	4.10	97.37	23.33	0.35
UHCreek	22700	10-year	209.33	38.78	43.07		43.24	0.001997	3.27	64.09	20.12	0.32
UHCreek	22700	UH-2	411.38	38.78	44.72		44.98	0.002248	4.11	100.14	23.71	0.35
UHCreek	22600	10-year	217.09	38.60	42.88		43.04	0.001788	3.13	69.44	21.80	0.31
UHCreek	22600	UH-2	423.07	38.60	44.51		44.75	0.001987	3.90	108.39	25.80	0.34
UHCreek	22500	10-year	224.85	38.23	42.70		42.85	0.001722	3.13	71.93	21.75	0.30
UHCreek	22500	UH-2	435.26	38.23	44.29		44.54	0.002023	3.96	109.80	25.76	0.34
UHCreek	22400.00	10-year	232.32	37.83	42.50		42.66	0.001790	3.25	71.49	20.43	0.31
UHCreek	22400.00	UH-2	447.47	37.83	44.02		44.30	0.002303	4.27	104.79	23.28	0.35
UHCreek	22300.00	10-year	240.12	37.58	42.28		42.46	0.002007	3.41	70.37	20.49	0.32
UHCreek	22300.00	UH-2	459.68	37.58	43.73		44.04	0.002630	4.48	102.52	23.83	0.38
UHCreek	22199.99	10-year	247.52	37.53	42.01		42.22	0.002516	3.70	66.94	20.94	0.36
UHCreek	22199.99	UH-2	471.89	37.53	43.37		43.73	0.003206	4.83	97.75	23.93	0.42
UHCreek	22100	10-year	253.50	37.50	41.75		41.95	0.002460	3.62	69.94	22.71	0.36
UHCreek	22100	UH-2	484.06	37.50	43.14		43.42	0.002543	4.37	171.81	353.60	0.38
UHCreek	22000.00	10-year	260.80	37.50	41.58		41.73	0.001731	3.11	83.77	26.86	0.31
UHCreek	22000.00	UH-2	495.10	37.50	42.91		43.16	0.002175	4.06	122.00	30.75	0.36
UHCreek	21900	10-year	273.11	37.44	41.43		41.56	0.001452	2.87	95.20	30.78	0.29
UHCreek	21900	UH-2	513.82	37.44	42.73		42.95	0.001796	3.72	138.02	35.01	0.33
UHCreek	21800	10-year	281.30	37.25	41.28		41.41	0.001378	2.83	99.31	31.46	0.28
UHCreek	21800	UH-2	526.27	37.25	42.54		42.76	0.001767	3.72	141.53	35.54	0.33
UHCreek	21700	10-year	289.63	36.98	41.12		41.25	0.001491	2.98	97.35	30.16	0.29
UHCreek	21700	UH-2	538.75	36.98	42.31		42.56	0.002025	3.97	135.57	33.85	0.35
UHCreek	21600	10-year	296.87	36.49	40.74		41.01	0.003171	4.16	71.33	22.54	0.41
UHCreek	21600	UH-2	548.42	36.49	41.63		42.18	0.005277	5.93	92.47	24.90	0.54
UHCreek	21599		Lat Struct									
UHCreek	21500	10-year	161.24	36.20	40.91		40.96	0.000560	1.73	93.83	34.69	0.18
UHCreek	21500	UH-2	225.78	36.20	42.11		42.16	0.000369	1.65	142.87	43.53	0.15
UHCreek	21400.00	10-year	170.31	36.20	40.86		40.90	0.000557	1.71	101.53	39.68	0.18
UHCreek	21400.00	UH-2	238.51	36.20	42.08		42.11	0.000352	1.61	156.75	47.86	0.15
UHCreek	21300.00	10-year	179.19	36.17	40.70		40.80	0.001256	2.61	68.60	21.70	0.26
UHCreek	21300.00	UH-2	250.68	36.17	41.94		42.05	0.000935	2.56	97.85	25.26	0.23
UHCreek	21200	10-year	188.14	35.87	40.55		40.67	0.001313	2.70	69.78	21.69	0.26
UHCreek	21200	UH-2	262.91	35.87	41.83		41.94	0.000965	2.63	101.13	27.88	0.23
UHCreek	21100	10-year	197.42	35.61	40.40		40.52	0.001407	2.81	70.42	22.50	0.27
UHCreek	21100	UH-2	275.93	35.61	41.72		41.83	0.001009	2.67	107.61	31.99	0.24

HEC-RAS Profile: Max WS (Continued)

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
UHCreek	21000	10-year	206.72	35.49	40.22		40.35	0.001640	2.99	69.22	21.96	0.30
UHCreek	21000	UH-2	288.38	35.49	41.59		41.71	0.001095	2.80	105.50	31.63	0.25
UHCreek	20899.99	10-year	216.02	35.29	40.00		40.16	0.001964	3.21	67.38	22.21	0.32
UHCreek	20899.99	UH-2	301.56	35.29	41.46		41.59	0.001177	2.93	103.03	26.97	0.26
UHCreek	20800	10-year	225.32	34.90	39.76		39.94	0.002218	3.43	65.60	20.99	0.34
UHCreek	20800	UH-2	314.28	34.90	41.30		41.45	0.001323	3.10	101.50	25.44	0.27
UHCreek	20790		Lat Struct									
UHCreek	20700	10-year	234.61	34.51	39.47		39.69	0.002542	3.69	63.55	19.84	0.36
UHCreek	20700	UH-2	327.59	34.51	41.13		41.30	0.001431	3.27	100.23	26.54	0.28
UHCreek	20600.00	10-year	243.89	34.01	39.27		39.45	0.001895	3.36	72.62	20.73	0.32
UHCreek	20600.00	UH-2	340.93	34.01	41.02		41.16	0.001133	3.03	112.49	25.02	0.25
UHCreek	20500.00	10-year	253.16	33.51	39.13		39.28	0.001355	3.01	84.22	21.79	0.27
UHCreek	20500.00	UH-2	354.26	33.51	40.93		41.05	0.000872	2.79	127.13	26.05	0.22
UHCreek	20400	10-year	262.42	33.20	39.07		39.16	0.000795	2.45	106.96	25.82	0.21
UHCreek	20400	UH-2	367.62	33.20	40.89		40.97	0.000538	2.32	158.26	30.50	0.18
UHCreek	20334.09	10-year	309.81	32.94	39.03		39.09	0.000478	2.04	152.03	34.82	0.17
UHCreek	20334.09	UH-2	436.56	32.94	40.86		40.92	0.000340	1.98	221.01	40.57	0.15
UHCreek	20318.09	10-year	311.27	31.87	38.97		39.08	0.000399	2.74	113.56	35.79	0.18
UHCreek	20318.09	UH-2	437.87	31.87	40.77		40.91	0.000372	3.08	142.36	45.38	0.18
UHCreek	20261.68		Culvert									
UHCreek	20200.55	10-year	308.95	31.62	38.52		38.65	0.000481	2.88	107.15	37.43	0.20
UHCreek	20200.55	UH-2	433.83	31.62	39.76		39.94	0.000540	3.42	126.92	45.92	0.21
UHCreek	20167.24	10-year	310.72	31.51	38.58		38.63	0.000310	1.74	178.37	37.08	0.14
UHCreek	20167.24	UH-2	435.27	31.51	39.86		39.91	0.000311	1.91	228.13	41.17	0.14
UHCreek	20110.75	10-year	313.90	31.34	38.56		38.61	0.000376	1.92	172.95	42.11	0.15
UHCreek	20110.75	UH-2	439.92	31.34	39.83		39.89	0.000370	2.08	232.15	50.83	0.15
UHCreek	20021.42	10-year	318.18	30.85	38.51		38.57	0.000430	2.07	153.43	28.78	0.16
UHCreek	20021.42	UH-2	447.20	30.85	39.77		39.85	0.000465	2.34	191.49	31.53	0.17
UHCreek	19900	10-year	324.32	30.45	38.31		38.46	0.001369	3.10	104.69	26.63	0.28
UHCreek	19900	UH-2	456.35	30.45	39.59		39.75	0.001218	3.23	141.32	30.95	0.27
UHCreek	19800	10-year	329.21	30.20	38.19		38.33	0.001255	3.00	109.58	27.45	0.26
UHCreek	19800	UH-2	464.49	30.20	39.47		39.63	0.001127	3.14	147.71	31.87	0.26
UHCreek	19697.19	10-year	334.93	29.91	38.06		38.20	0.001190	2.96	113.09	27.73	0.26
UHCreek	19697.19	UH-2	472.06	29.91	39.36		39.51	0.001076	3.11	151.90	32.14	0.25
UHCreek	19600	10-year	339.61	29.79	37.93		38.08	0.001266	3.05	111.50	27.39	0.27
UHCreek	19600	UH-2	479.92	29.79	39.24		39.40	0.001143	3.20	150.18	31.79	0.26
UHCreek	19500	10-year	344.39	29.77	37.78		37.94	0.001409	3.18	108.30	27.05	0.28
UHCreek	19500	UH-2	487.22	29.77	39.10		39.27	0.001249	3.31	146.99	31.52	0.27
UHCreek	19400.00	10-year	349.10	29.75	37.61		37.78	0.001580	3.33	104.83	26.65	0.30
UHCreek	19400.00	UH-2	494.48	29.75	38.95		39.14	0.001354	3.45	143.20	30.50	0.28
UHCreek	19300	10-year	352.92	29.73	37.40		37.60	0.001936	3.58	98.52	26.15	0.33
UHCreek	19300	UH-2	502.47	29.73	38.78		38.98	0.001603	3.65	137.62	30.83	0.30
UHCreek	19200	10-year	356.51	29.71	37.18		37.39	0.002112	3.72	95.71	25.66	0.34
UHCreek	19200	UH-2	509.65	29.71	38.59		38.81	0.001712	3.76	135.37	30.52	0.32
UHCreek	19109.82	10-year	359.34	29.70	36.97		37.19	0.002196	3.80	94.45	25.33	0.35
UHCreek	19109.82	UH-2	515.98	29.70	38.42		38.65	0.001768	3.83	134.83	30.48	0.32
UHCreek	19000	10-year	362.91	29.70	36.76		36.96	0.002014	3.59	101.15	28.59	0.34
UHCreek	19000	UH-2	524.55	29.70	38.27		38.46	0.001495	3.52	149.00	34.63	0.30
UHCreek	18900.00	10-year	366.92	29.94	36.70		36.81	0.000838	2.64	139.07	32.72	0.23
UHCreek	18900.00	UH-2	532.36	29.94	38.23		38.35	0.000728	2.76	193.16	38.06	0.22
UHCreek	18800.00	10-year	370.91	29.80	36.61		36.72	0.000840	2.65	139.84	32.63	0.23
UHCreek	18800.00	UH-2	540.18	29.80	38.15		38.27	0.000736	2.78	194.12	37.95	0.22

HEC-RAS Profile: Max WS (Continued)

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
UHCreek	18700.00	10-year	375.90	29.66	36.53		36.64	0.000845	2.67	140.70	32.55	0.23
UHCreek	18700.00	UH-2	547.38	29.66	38.07		38.19	0.000742	2.81	195.12	37.83	0.22
UHCreek	18600.00	10-year	379.81	29.53	36.44		36.55	0.000850	2.69	141.29	32.45	0.23
UHCreek	18600.00	UH-2	555.22	29.53	37.99		38.12	0.000753	2.84	195.82	37.71	0.22
UHCreek	18500	10-year	383.69	29.39	36.35		36.46	0.000847	2.70	142.35	32.42	0.23
UHCreek	18500	UH-2	563.04	29.39	37.91		38.04	0.000759	2.86	197.06	63.34	0.22
UHCreek	18399.99	10-year	387.53	29.25	36.26		36.37	0.000849	2.71	143.07	32.34	0.23
UHCreek	18399.99	UH-2	570.85	29.25	37.83		37.96	0.000769	2.89	197.86	196.67	0.22
UHCreek	18300	10-year	392.37	29.11	36.17		36.29	0.000855	2.73	143.73	32.22	0.23
UHCreek	18300	UH-2	578.64	29.11	37.75		37.88	0.000779	2.92	198.49	37.36	0.22
UHCreek	18200	10-year	396.14	28.97	36.08		36.20	0.000849	2.73	145.18	32.36	0.23
UHCreek	18200	UH-2	586.41	28.97	37.66		37.80	0.000781	2.93	200.36	37.55	0.22
UHCreek	18100	10-year	399.87	28.82	36.00		36.11	0.000832	2.72	147.12	32.48	0.23
UHCreek	18100	UH-2	594.18	28.82	37.58		37.71	0.000776	2.93	202.61	37.63	0.22
UHCreek	18000	10-year	403.58	28.68	35.91		36.03	0.000820	2.71	148.91	32.65	0.22
UHCreek	18000	UH-2	601.93	28.68	37.50		37.63	0.000774	2.94	204.77	37.80	0.22
UHCreek	17900	10-year	408.29	28.53	35.83		35.94	0.000809	2.70	150.96	32.84	0.22
UHCreek	17900	UH-2	609.68	28.53	37.42		37.55	0.000769	2.94	207.21	38.00	0.22
UHCreek	17800	10-year	411.96	28.38	35.75		35.86	0.000792	2.69	153.15	33.04	0.22
UHCreek	17800	UH-2	617.42	28.38	37.34		37.47	0.000763	2.94	209.76	38.19	0.22
UHCreek	17700	10-year	416.61	28.24	35.67		35.78	0.000782	2.69	155.14	33.24	0.22
UHCreek	17700	UH-2	625.16	28.24	37.26		37.39	0.000759	2.95	212.07	38.39	0.22
UHCreek	17600	10-year	437.37	28.09	35.57		35.69	0.000841	2.79	156.59	33.36	0.23
UHCreek	17600	UH-2	635.17	28.09	37.18		37.31	0.000759	2.96	214.55	38.58	0.22
UHCreek	17500.00	10-year	438.05	27.95	35.49		35.60	0.000819	2.76	158.94	33.96	0.22
UHCreek	17500.00	UH-2	645.14	27.95	37.10		37.23	0.000761	2.96	218.18	39.54	0.22
UHCreek	17400.00	10-year	438.77	27.80	35.41		35.52	0.000786	2.73	160.86	33.74	0.22
UHCreek	17400.00	UH-2	655.13	27.80	37.02		37.15	0.000762	2.99	219.27	38.94	0.22
UHCreek	17300.00	10-year	439.53	27.66	35.33		35.45	0.000761	2.70	162.99	33.94	0.22
UHCreek	17300.00	UH-2	665.10	27.66	36.93		37.07	0.000764	3.00	221.47	47.97	0.22
UHCreek	17200	10-year	440.34	27.51	35.26		35.37	0.000732	2.66	165.55	34.17	0.21
UHCreek	17200	UH-2	675.07	27.51	36.85		36.99	0.000763	3.01	224.05	74.90	0.22
UHCreek	17099.99	10-year	442.80	27.37	35.19		35.30	0.000712	2.64	167.92	34.38	0.21
UHCreek	17099.99	UH-2	685.01	27.37	36.77		36.91	0.000764	3.03	226.30	123.35	0.22
UHCreek	16999.99	10-year	443.68	27.22	35.12		35.23	0.000685	2.60	170.59	34.61	0.21
UHCreek	16999.99	UH-2	694.94	27.22	36.69		36.83	0.000764	3.04	228.81	89.59	0.22
UHCreek	16900	10-year	446.10	27.07	35.06		35.16	0.000662	2.57	173.46	34.86	0.20
UHCreek	16900	UH-2	704.85	27.07	36.61		36.75	0.000761	3.05	231.44	94.79	0.22
UHCreek	16800	10-year	447.08	26.93	34.99		35.09	0.000639	2.54	176.07	35.09	0.20
UHCreek	16800	UH-2	714.47	26.93	36.53		36.67	0.000762	3.06	233.68	131.75	0.22
UHCreek	16700	10-year	449.49	26.78	34.93		35.03	0.000617	2.51	179.07	35.34	0.20
UHCreek	16700	UH-2	724.31	26.78	36.45		36.59	0.000760	3.07	236.24	94.13	0.22
UHCreek	16600	10-year	451.86	26.64	34.87		34.97	0.000597	2.48	181.97	35.60	0.19
UHCreek	16600	UH-2	734.13	26.64	36.37		36.51	0.000760	3.08	238.65	100.70	0.22
UHCreek	16500	10-year	453.01	26.49	34.82		34.91	0.000572	2.45	185.21	35.88	0.19
UHCreek	16500	UH-2	743.92	26.49	36.29		36.43	0.000757	3.08	241.31	100.65	0.22
UHCreek	16400	10-year	455.39	26.35	34.76		34.85	0.000552	2.42	188.33	36.15	0.19
UHCreek	16400	UH-2	753.10	26.35	36.21		36.35	0.000755	3.09	243.80	97.02	0.22
UHCreek	16300.00	10-year	457.75	26.20	34.71		34.80	0.000532	2.39	191.66	36.42	0.18
UHCreek	16300.00	UH-2	762.80	26.20	36.13		36.28	0.000752	3.10	246.40	110.57	0.22
UHCreek	16200.00	10-year	459.10	26.06	34.66		34.75	0.000510	2.35	195.05	55.32	0.18
UHCreek	16200.00	UH-2	771.63	26.06	36.05		36.20	0.000748	3.10	249.01	115.79	0.22

HEC-RAS Profile: Max WS (Continued)

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
UHCreek	16100.00	10-year	461.49	25.91	34.61		34.70	0.000491	2.32	198.55	84.97	0.18
UHCreek	16100.00	UH-2	775.85	25.91	35.97		36.12	0.000734	3.08	251.87	151.75	0.22
UHCreek	16000.00	10-year	463.87	25.76	34.57		34.65	0.000472	2.29	202.27	71.34	0.17
UHCreek	16000.00	UH-2	780.04	25.76	35.90		36.05	0.000718	3.06	254.93	113.13	0.22
UHCreek	15900.00	10-year	466.23	25.62	34.52		34.60	0.000456	2.27	205.74	63.11	0.17
UHCreek	15900.00	UH-2	784.20	25.62	35.83		35.98	0.000704	3.04	257.70	133.46	0.22
UHCreek	15800	10-year	468.57	25.47	34.48		34.56	0.000437	2.24	209.63	72.48	0.17
UHCreek	15800	UH-2	787.57	25.47	35.76		35.90	0.000687	3.02	260.93	139.64	0.21
UHCreek	15699.99	10-year	470.91	25.33	34.44		34.51	0.000421	2.21	213.42	52.37	0.16
UHCreek	15699.99	UH-2	791.75	25.33	35.70		35.84	0.000673	3.00	263.99	114.87	0.21
UHCreek	15599.99	10-year	473.24	25.18	34.40		34.47	0.000404	2.18	217.52	38.53	0.16
UHCreek	15599.99	UH-2	795.93	25.18	35.63		35.77	0.000657	2.98	267.42	68.21	0.21
UHCreek	15599		Lat Struct									
UHCreek	15470		Lat Struct									
UHCreek	15460.35	10-year	476.48	24.98	34.36		34.42	0.000323	1.96	243.00	43.58	0.15
UHCreek	15460.35	UH-2	551.21	24.98	35.72		35.77	0.000227	1.80	306.79	57.14	0.13
UHCreek	15422.51	10-year	477.33	24.92	34.35		34.41	0.000302	1.93	249.36	124.10	0.14
UHCreek	15422.51	UH-2	552.76	24.92	35.71		35.76	0.000202	1.76	332.05	285.49	0.12
UHCreek	15407.07	10-year	477.31	24.90	34.23		34.41	0.000431	3.42	139.70	153.78	0.20
UHCreek	15407.07	UH-2	552.75	24.90	35.59		35.77	0.000367	3.45	160.01	398.69	0.19
UHCreek	15382.57		Culvert									
UHCreek	15363.52	10-year	474.95	24.50	32.53		32.77	0.000321	3.95	120.16	32.07	0.25
UHCreek	15363.52	UH-2	550.41	24.50	33.23		33.51	0.000325	4.21	130.75	33.31	0.25
UHCreek	15335.44	10-year	475.47	24.48	32.67		32.75	0.000207	2.36	201.81	31.87	0.16
UHCreek	15335.44	UH-2	550.83	24.48	33.40		33.49	0.000204	2.44	225.56	36.14	0.16
UHCreek	15300	10-year	479.41	24.46	32.65		32.74	0.000222	2.43	197.52	31.39	0.17
UHCreek	15300	UH-2	557.54	24.46	33.38		33.48	0.000221	2.52	220.87	37.56	0.17
UHCreek	15200.00	10-year	492.44	24.40	32.61		32.71	0.000265	2.62	188.26	30.50	0.19
UHCreek	15200.00	UH-2	580.10	24.40	33.33		33.45	0.000270	2.75	210.75	31.83	0.19
UHCreek	15099.99	10-year	505.16	24.33	32.55		32.68	0.000317	2.82	179.08	29.63	0.20
UHCreek	15099.99	UH-2	602.21	24.33	33.27		33.41	0.000331	3.00	200.65	30.99	0.21
UHCreek	15000	10-year	516.63	24.27	32.49		32.64	0.000383	3.05	169.53	29.32	0.22
UHCreek	15000	UH-2	622.75	24.27	33.19		33.36	0.000408	3.27	190.16	47.90	0.23
UHCreek	14900	10-year	527.49	24.19	32.43		32.59	0.000417	3.16	166.78	28.49	0.23
UHCreek	14900	UH-2	642.32	24.19	33.12		33.30	0.000455	3.44	186.79	29.88	0.24
UHCreek	14798.67	10-year	529.96	24.07	32.40		32.55	0.000391	3.08	183.31	34.65	0.22
UHCreek	14798.67	UH-2	644.98	24.07	33.09		33.26	0.000419	3.31	217.15	76.59	0.23
UHCreek	14699.99	10-year	527.18	23.99	32.29		32.50	0.000616	3.69	151.25	64.36	0.26
UHCreek	14699.99	UH-2	641.45	23.99	33.00		33.21	0.000605	3.79	213.12	97.06	0.26
UHCreek	14600	10-year	531.74	23.97	32.24		32.44	0.000578	3.60	165.81	103.79	0.25
UHCreek	14600	UH-2	648.29	23.97	32.96		33.15	0.000543	3.63	234.42	165.76	0.25
UHCreek	14500.00	10-year	537.67	23.94	32.24		32.38	0.000381	3.04	219.91	101.90	0.22
UHCreek	14500.00	UH-2	658.09	23.94	32.96		33.08	0.000364	3.04	295.99	112.71	0.22
UHCreek	14400.00	10-year	542.17	23.92	32.17		32.34	0.000547	3.45	208.69	93.24	0.24
UHCreek	14400.00	UH-2	663.09	23.92	32.90		33.03	0.000592	3.25	278.53	107.50	0.25
UHCreek	14300	10-year	545.24	23.89	32.12		32.28	0.000499	3.38	210.53	97.89	0.24
UHCreek	14300	UH-2	659.49	23.89	32.84		32.98	0.000530	3.29	285.08	115.89	0.25
UHCreek	14200	10-year	549.63	23.87	32.07		32.23	0.000454	3.28	195.75	94.60	0.24
UHCreek	14200	UH-2	675.74	23.87	32.78		32.93	0.000456	3.32	274.31	179.19	0.24
UHCreek	14100.00	10-year	552.57	23.84	31.98		32.18	0.000572	3.63	161.95	74.03	0.26
UHCreek	14100.00	UH-2	680.37	23.84	32.68		32.89	0.000553	3.73	227.14	124.28	0.26
UHCreek	13999.99	10-year	555.27	23.81	31.88		32.11	0.000746	3.96	165.80	83.46	0.28

HEC-RAS Profile: Max WS (Continued)

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
UHCreek	13999.99	UH-2	684.81	23.81	32.59		32.81	0.000922	3.95	233.87	109.42	0.31
UHCreek	13900	10-year	560.81	23.79	31.87		32.04	0.000489	3.38	199.72	218.56	0.25
UHCreek	13900	UH-2	693.62	23.79	32.56		32.72	0.000507	3.44	270.65	417.72	0.25
UHCreek	13800	10-year	561.87	23.76	31.77		31.99	0.000694	3.86	179.00	95.83	0.27
UHCreek	13800	UH-2	699.61	23.76	32.47		32.66	0.000794	3.78	251.05	238.67	0.30
UHCreek	13699.99	10-year	568.77	23.74	31.78		31.91	0.000414	3.11	258.80	114.06	0.23
UHCreek	13699.99	UH-2	708.33	23.74	32.47		32.59	0.000401	3.07	340.52	207.13	0.23
UHCreek	13600	10-year	572.84	23.71	31.75		31.87	0.000383	2.99	264.44	106.51	0.22
UHCreek	13600	UH-2	717.04	23.71	32.44		32.55	0.000377	3.00	339.47	154.05	0.22
UHCreek	13500	10-year	575.50	23.68	31.67		31.83	0.000480	3.34	222.86	100.68	0.25
UHCreek	13500	UH-2	723.14	23.68	32.36		32.51	0.000486	3.36	295.67	149.14	0.25
UHCreek	13400	10-year	578.03	23.66	31.60		31.78	0.000553	3.55	204.24	119.47	0.26
UHCreek	13400	UH-2	729.07	23.66	32.29		32.46	0.000579	3.59	279.45	169.89	0.27
UHCreek	13300.00	10-year	583.34	23.63	31.57		31.72	0.000457	3.26	240.45	149.63	0.24
UHCreek	13300.00	UH-2	736.21	23.63	32.26		32.40	0.000451	3.31	319.11	359.41	0.24
UHCreek	13200	10-year	588.63	23.61	31.58		31.67	0.000269	2.68	304.98	122.26	0.19
UHCreek	13200	UH-2	744.63	23.61	32.25		32.35	0.000256	2.80	386.00	221.14	0.19
UHCreek	13168.90	10-year	588.96	23.60	31.52		31.67	0.000731	3.51	234.70	112.08	0.30
UHCreek	13168.90	UH-2	746.01	23.60	32.21		32.35	0.000589	3.38	316.38	204.42	0.27
UHCreek	13152.90	10-year	589.59	23.59	31.54		31.65	0.000254	2.84	285.15	134.74	0.20
UHCreek	13152.90	UH-2	748.24	23.59	32.22		32.34	0.000252	3.01	360.58	228.51	0.20
UHCreek	13124.50		Culvert									
UHCreek	13093.93	10-year	585.55	23.41	31.47		31.58	0.000258	2.87	293.96	129.91	0.20
UHCreek	13093.93	UH-2	745.78	23.41	32.17		32.28	0.000254	3.03	370.08	214.23	0.20
UHCreek	13062.00	10-year	586.99	23.28	31.47		31.57	0.000313	2.75	298.74	139.96	0.20
UHCreek	13062.00	UH-2	748.09	23.28	32.17		32.27	0.000302	2.85	381.70	208.21	0.20
UHCreek	13000	10-year	590.16	23.24	31.46		31.55	0.000272	2.57	382.38	254.98	0.19
UHCreek	13000	UH-2	753.18	23.24	32.18		32.24	0.000223	2.46	565.39	555.25	0.17
UHCreek	12899.99	10-year	593.96	23.18	31.39		31.52	0.000383	3.05	253.01	135.16	0.23
UHCreek	12899.99	UH-2	759.08	23.18	32.10		32.23	0.000364	3.15	332.88	482.20	0.22
UHCreek	12799.99	10-year	599.00	23.11	31.39		31.48	0.000279	2.61	392.32	247.02	0.19
UHCreek	12799.99	UH-2	768.24	23.11	32.11		32.18	0.000219	2.47	595.04	305.73	0.17
UHCreek	12700.00	10-year	603.05	23.05	31.31		31.46	0.000398	3.12	251.67	144.77	0.23
UHCreek	12700.00	UH-2	775.43	23.05	32.04		32.17	0.000354	3.15	390.70	250.22	0.22
UHCreek	12600.00	10-year	607.10	22.99	31.27		31.42	0.000404	3.15	248.54	142.96	0.23
UHCreek	12600.00	UH-2	782.59	22.99	32.00		32.14	0.000361	3.20	389.86	243.45	0.22
UHCreek	12496.47	10-year	612.31	22.92	31.26		31.37	0.000339	2.91	304.41	176.08	0.21
UHCreek	12496.47	UH-2	790.93	22.92	31.99		32.09	0.000285	2.88	450.96	241.02	0.20
UHCreek	12399.79	10-year	617.15	22.86	31.24		31.34	0.000284	2.71	366.62	216.08	0.20
UHCreek	12399.79	UH-2	798.71	22.86	31.98		32.06	0.000233	2.66	549.07	308.38	0.18
UHCreek	12349.00	10-year	619.69	22.82	31.25		31.31	0.000195	2.29	428.02	265.24	0.17
UHCreek	12349.00	UH-2	802.81	22.82	31.98		32.04	0.000168	2.29	612.62	375.03	0.16
UHCreek	12327.31	10-year	620.36	22.80	31.26		31.30	0.000096	1.77	545.17	309.71	0.12
UHCreek	12327.31	UH-2	804.54	22.80	31.99		32.03	0.000093	1.84	781.83	581.12	0.12
UHCreek	12284.62		Culvert									
UHCreek	12245.91	10-year	617.67	22.60	30.89		31.17	0.000365	4.31	180.87	86.64	0.26
UHCreek	12245.91	UH-2	803.91	22.60	31.93		32.07	0.000335	3.15	375.05	358.51	0.21
UHCreek	12213.87	10-year	619.68	22.59	30.92		31.09	0.000489	3.45	216.38	104.29	0.25
UHCreek	12213.87	UH-2	805.39	22.59	31.90		32.06	0.000462	3.49	328.28	262.63	0.24
UHCreek	12199.05	10-year	619.61	22.59	30.90		31.09	0.000539	3.53	199.64	120.13	0.26
UHCreek	12199.05	UH-2	806.39	22.59	31.88		32.07	0.000536	3.67	304.23	303.92	0.26
UHCreek	12099.99	10-year	623.73	22.56	30.84		31.03	0.000527	3.57	199.57	128.00	0.26

HEC-RAS Profile: Max WS (Continued)

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
UHCreek	12099.99	UH-2	813.04	22.58	31.83		32.01	0.000479	3.60	314.15	292.04	0.25
UHCreek	11999.99	10-year	827.86	22.51	30.76		30.97	0.000578	3.73	170.73	130.00	0.27
UHCreek	11999.99	UH-2	819.24	22.51	31.71		31.96	0.000605	4.03	235.29	231.39	0.28
UHCreek	11896.30	10-year	632.10	22.46	30.69		30.91	0.000589	3.76	176.69	152.92	0.27
UHCreek	11896.30	UH-2	826.60	22.46	31.70		31.89	0.000517	3.73	311.07	276.83	0.26
UHCreek	11800.00	10-year	635.62	22.38	30.64		30.85	0.000566	3.71	171.26	62.39	0.27
UHCreek	11800.00	UH-2	832.73	22.38	31.57		31.84	0.000627	4.17	207.63	150.63	0.29
UHCreek	11700.03	10-year	639.75	22.32	30.57		30.79	0.000596	3.80	168.46	77.36	0.28
UHCreek	11700.03	UH-2	839.43	22.32	31.48		31.77	0.000637	4.29	196.79	102.81	0.30
UHCreek	11600.17	10-year	643.89	22.27	30.50		30.73	0.000622	3.86	173.56	35.25	0.28
UHCreek	11600.17	UH-2	846.15	22.27	31.41		31.70	0.000721	4.34	208.34	84.93	0.30
UHCreek	11500.67	10-year	647.57	22.22	30.44		30.66	0.000621	3.86	178.37	35.03	0.28
UHCreek	11500.67	UH-2	852.84	22.22	31.33		31.62	0.000717	4.36	211.31	38.66	0.30
UHCreek	11399.70	10-year	651.73	22.17	30.35		30.60	0.000655	3.95	165.60	87.56	0.29
UHCreek	11399.70	UH-2	859.59	22.17	31.23		31.54	0.000767	4.50	196.87	133.52	0.31
UHCreek	11300	10-year	656.13	22.12	30.29		30.53	0.000659	3.96	173.83	206.02	0.29
UHCreek	11300	UH-2	866.23	22.12	31.16		31.46	0.000756	4.46	214.22	226.53	0.31
UHCreek	11200	10-year	657.21	22.07	30.21		30.46	0.000674	4.00	164.57	30.16	0.29
UHCreek	11200	UH-2	868.05	22.07	31.05		31.38	0.000804	4.59	192.72	36.71	0.32
UHCreek	11099.99	10-year	659.90	22.02	30.15		30.39	0.000661	3.96	177.42	35.31	0.29
UHCreek	11099.99	UH-2	872.38	22.02	30.99		31.30	0.000787	4.53	208.38	39.63	0.32
UHCreek	10999.99	10-year	662.60	21.97	30.07		30.32	0.000697	4.06	163.38	190.34	0.30
UHCreek	10999.99	UH-2	876.72	21.97	30.87		31.21	0.000848	4.69	186.63	232.02	0.33
UHCreek	10900	10-year	665.30	21.92	30.00		30.25	0.000702	4.07	167.61	33.60	0.30
UHCreek	10900	UH-2	881.05	21.92	30.79		31.13	0.000853	4.70	195.62	37.15	0.33
UHCreek	10800.00	10-year	667.99	21.87	29.94		30.18	0.000686	4.02	178.50	36.12	0.30
UHCreek	10800.00	UH-2	885.38	21.87	30.71		31.04	0.000837	4.65	207.71	38.94	0.33
UHCreek	10700.00	10-year	670.69	21.82	29.84		30.11	0.000732	4.14	162.01	74.10	0.31
UHCreek	10700.00	UH-2	889.72	21.82	30.58		30.95	0.000917	4.65	183.74	148.67	0.34
UHCreek	10600	10-year	673.39	21.77	29.76		30.03	0.000747	4.17	161.31	72.29	0.31
UHCreek	10600	UH-2	893.10	21.77	30.48		30.85	0.000945	4.90	182.15	118.22	0.35
UHCreek	10500	10-year	676.09	21.71	29.68		29.95	0.000760	4.21	160.78	299.92	0.31
UHCreek	10500	UH-2	897.29	21.71	30.37		30.75	0.000974	4.96	180.81	363.45	0.35
UHCreek	10399.99	10-year	678.79	21.66	29.60		29.88	0.000776	4.24	160.06	67.29	0.31
UHCreek	10399.99	UH-2	901.48	21.66	30.26		30.65	0.001008	5.03	179.21	90.60	0.36
UHCreek	10299.99	10-year	681.41	21.61	29.51		29.79	0.000792	4.28	159.34	71.67	0.32
UHCreek	10299.99	UH-2	905.65	21.61	30.14		30.54	0.001044	5.10	177.54	134.34	0.37
UHCreek	10200	10-year	683.39	21.56	29.43		29.71	0.000800	4.29	164.55	80.62	0.32
UHCreek	10200	UH-2	906.62	21.56	30.04		30.44	0.001044	5.09	190.18	110.13	0.37
UHCreek	10176.90	10-year	683.18	21.55	29.41		29.70	0.000599	4.35	180.99	115.85	0.29
UHCreek	10176.90	UH-2	910.63	21.55	30.12		30.37	0.000627	4.16	341.49	317.56	0.28
UHCreek	10145.31		Culvert									
UHCreek	10110.68	10-year	669.76	21.35	28.43		28.96	0.001027	5.79	115.59	33.26	0.39
UHCreek	10110.68	UH-2	901.62	21.35	29.40		29.93	0.001257	5.90	164.93	40.64	0.39
UHCreek	10067.70	10-year	674.42	21.34	28.65		28.90	0.000975	4.02	170.43	59.45	0.32
UHCreek	10067.70	UH-2	903.95	21.34	29.51		29.78	0.000977	4.32	278.72	176.10	0.33
UHCreek	10000	10-year	676.86	21.30	28.72		28.84	0.000459	2.77	277.48	145.04	0.23
UHCreek	10000	UH-2	906.38	21.30	29.57		29.69	0.000499	2.88	429.65	220.34	0.24
UHCreek	9899.999	10-year	678.40	22.14	28.66		28.79	0.000561	2.98	272.45	157.22	0.25
UHCreek	9899.999	UH-2	910.07	22.14	29.52		29.65	0.000499	3.05	456.98	260.17	0.24
UHCreek	9799.999	10-year	680.76	21.77	28.61		28.74	0.000517	2.89	268.18	70.81	0.24
UHCreek	9799.999	UH-2	913.81	21.77	29.44		29.59	0.000535	3.22	332.47	95.67	0.25

HEC-RAS Profile: Max WS (Continued)

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
UHCreek	9700.001	10-year	683.10	21.40	28.63		28.69	0.000230	1.92	429.10	194.97	0.16
UHCreek	9700.001	UH-2	917.50	21.40	29.48		29.53	0.000211	2.02	606.86	228.21	0.16
UHCreek	9600.000	10-year	684.82	21.09	28.53		28.86	0.000546	2.97	274.77	99.95	0.24
UHCreek	9600.000	UH-2	921.09	21.09	29.38		29.52	0.000524	3.20	398.53	207.74	0.25
UHCreek	9500.000	10-year	687.13	21.06	28.48		28.61	0.000557	3.17	332.48	162.07	0.25
UHCreek	9500.000	UH-2	924.81	21.06	29.35		29.47	0.000473	3.22	486.91	195.08	0.23
UHCreek	9400	10-year	689.44	21.03	28.46		28.55	0.000298	2.42	306.88	122.40	0.19
UHCreek	9400	UH-2	927.86	21.03	29.31		29.42	0.000297	2.67	412.98	127.82	0.19
UHCreek	9300	10-year	691.76	21.00	28.43		28.52	0.000307	2.43	304.46	122.24	0.19
UHCreek	9300	UH-2	931.49	21.00	29.28		29.39	0.000305	2.69	410.25	127.60	0.19
UHCreek	9250		Lat Struct									
UHCreek	9200.000	10-year	694.08	20.97	28.44		28.50	0.000182	1.98	384.47	109.66	0.15
UHCreek	9200.000	UH-2	935.21	20.97	29.28		29.36	0.000192	2.22	487.54	135.31	0.16
UHCreek	9150		Lat Struct									
UHCreek	9100	10-year	695.06	20.90	28.27		28.47	0.000643	3.57	194.53	84.43	0.27
UHCreek	9100	UH-2	936.45	20.90	29.18		29.34	0.000516	3.46	338.26	92.74	0.24
UHCreek	9050		Lat Struct									
UHCreek	9002.068	10-year	696.35	20.83	28.21		28.41	0.000652	3.61	192.93	82.58	0.27
UHCreek	9002.068	UH-2	938.37	20.83	29.13		29.29	0.000511	3.45	339.64	86.92	0.24
UHCreek	8950		Lat Struct									
UHCreek	8901.280	10-year	697.66	20.75	28.16		28.36	0.000238	3.64	191.62	80.53	0.27
UHCreek	8901.280	UH-2	940.44	20.75	29.03		29.26	0.000242	3.95	303.67	84.83	0.28
UHCreek	8799.999	10-year	698.99	20.68	28.13		28.34	0.000241	3.66	190.75	80.29	0.27
UHCreek	8799.999	UH-2	941.89	20.68	29.01		29.23	0.000244	3.97	303.67	84.22	0.28
UHCreek	8700	10-year	700.29	20.60	28.10		28.31	0.000240	3.66	191.17	65.33	0.27
UHCreek	8700	UH-2	943.73	20.60	28.93		29.21	0.000281	4.25	250.37	83.77	0.29
UHCreek	8661.555	10-year	700.91	20.55	28.20		28.30	0.000080	2.55	274.78	48.45	0.17
UHCreek	8661.555	UH-2	944.68	20.55	29.04		29.19	0.000103	3.06	308.41	50.13	0.20
UHCreek	8593.049		Culvert									
UHCreek	8541.392	10-year	700.91	20.57	27.59		27.73	0.000492	2.96	238.09	58.48	0.22
UHCreek	8541.392	UH-2	944.68	20.57	27.96		28.18	0.000762	3.75	258.44	74.63	0.27
UHCreek	8500	10-year	700.78	20.55	27.48		27.72	0.001156	4.01	218.93	99.40	0.30
UHCreek	8500	UH-2	944.59	20.55	27.81		28.16	0.001617	4.93	253.59	110.48	0.36
UHCreek	8400.000	10-year	700.36	20.49	27.35		27.60	0.001243	4.12	206.16	91.53	0.31
UHCreek	8400.000	UH-2	943.58	20.49	27.60		27.99	0.001857	5.19	229.29	93.60	0.38
UHCreek	8300	10-year	699.89	20.43	27.24		27.48	0.001196	4.03	219.91	109.02	0.31
UHCreek	8300	UH-2	839.17	20.43	27.46		27.76	0.001435	4.53	245.76	121.02	0.34
LUHCreek	8200.000	10-year	703.82	20.33	27.24		27.34	0.000620	2.95	496.43	370.79	0.22
LUHCreek	8200.000	UH-2	844.46	20.33	27.46		27.57	0.000668	3.14	580.14	384.10	0.23
LUHCreek	8100.001	10-year	701.68	20.16	27.21		27.27	0.000452	2.54	603.58	407.04	0.19
LUHCreek	8100.001	UH-2	841.14	20.16	27.43		27.50	0.000490	2.71	696.96	455.91	0.20
LUHCreek	8000.001	10-year	698.49	20.07	27.10		27.15	0.000427	2.43	622.47	364.78	0.18
LUHCreek	8000.001	UH-2	840.55	20.07	27.39		27.44	0.000441	2.55	727.85	368.97	0.19
LUHCreek	7900.001	10-year	694.83	20.03	26.88		27.15	0.001415	4.34	160.20	29.92	0.33
LUHCreek	7900.001	UH-2	841.05	20.03	27.37		27.39	0.000209	1.77	985.25	430.90	0.13
LUHCreek	7800	10-year	689.09	19.99	26.70		27.00	0.001479	4.40	158.77	29.73	0.34
LUHCreek	7800	UH-2	842.91	19.99	27.37		27.37	0.000027	0.63	2104.21	576.46	0.05
LUHCreek	7700.001	10-year	691.38	19.94	26.71		26.72	0.000038	0.71	1431.77	276.96	0.05
LUHCreek	7700.001	UH-2	844.73	19.94	27.37		27.37	0.000029	0.66	2258.12	703.06	0.05
LUHCreek	7600.000	10-year	692.30	19.90	26.70		26.71	0.000086	1.07	1130.56	338.58	0.08
LUHCreek	7600.000	UH-2	845.36	19.90	27.36		27.37	0.000044	0.82	2305.12	988.10	0.06

HEC-RAS Profile: Max WS (Continued)

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
LUHCreek	7500.000	10-year	680.04	19.86	26.59		26.77	0.001049	3.71	263.53	164.22	0.28
LUHCreek	7500.000	UH-2	846.11	19.86	27.34		27.37	0.000259	2.01	1072.08	788.40	0.14
LUHCreek	7400.000	10-year	687.86	19.81	26.39		26.64	0.001333	4.13	202.58	78.32	0.32
LUHCreek	7400.000	UH-2	845.83	19.81	27.30		27.34	0.000315	2.22	970.05	825.38	0.16
LUHCreek	7300.000	10-year	685.64	19.77	26.16		26.49	0.001714	4.61	157.65	44.25	0.36
LUHCreek	7300.000	UH-2	845.65	19.77	27.26		27.31	0.000401	2.47	786.12	558.19	0.18
LUHCreek	7199.999	10-year	689.30	19.71	26.26		26.35	0.000425	2.50	276.57	63.54	0.19
LUHCreek	7199.999	UH-2	847.53	19.71	27.25		27.27	0.000131	1.52	1043.46	547.48	0.11
LUHCreek	7100.000	10-year	691.13	19.63	26.26		26.32	0.000237	1.90	364.02	71.99	0.15
LUHCreek	7100.000	UH-2	848.50	19.63	27.23		27.26	0.000123	1.49	978.15	600.94	0.11
LUHCreek	6999.999	10-year	692.86	19.55	26.25		26.30	0.000223	1.86	381.88	138.43	0.14
LUHCreek	6999.999	UH-2	849.52	19.55	27.22		27.25	0.000128	1.53	997.86	692.33	0.11
LUHCreek	6900	10-year	694.59	19.47	26.22		26.27	0.000213	1.83	379.25	70.71	0.14
LUHCreek	6900	UH-2	850.65	19.47	27.19		27.24	0.000165	1.75	716.28	696.56	0.13
LUHCreek	6800.000	10-year	695.99	19.39	26.20		26.25	0.000203	1.80	396.35	128.54	0.14
LUHCreek	6800.000	UH-2	852.50	19.39	27.18		27.22	0.000156	1.71	785.93	851.86	0.12
LUHCreek	6700.000	10-year	697.77	19.31	26.18		26.23	0.000204	1.81	387.05	84.60	0.14
LUHCreek	6700.000	UH-2	854.34	19.31	27.16		27.21	0.000167	1.77	659.68	477.99	0.13
LUHCreek	6600	10-year	699.55	19.23	26.17		26.21	0.000192	1.76	483.00	271.19	0.13
LUHCreek	6600	UH-2	856.16	19.23	27.15		27.19	0.000132	1.59	962.69	840.42	0.11
LUHCreek	6500.000	10-year	701.31	19.15	26.15		26.20	0.000182	1.72	543.73	317.63	0.13
LUHCreek	6500.000	UH-2	857.97	19.15	27.14		27.17	0.000121	1.52	1044.47	752.50	0.11
LUHCreek	6407.855	10-year	702.89	19.07	26.13		26.18	0.000237	1.93	499.93	272.70	0.15
LUHCreek	6407.855	UH-2	859.61	19.07	27.13		27.16	0.000159	1.71	846.31	469.48	0.12
LUHCreek	6307.172	10-year	704.66	18.99	26.04		26.15	0.000482	2.61	274.80	81.08	0.20
LUHCreek	6307.172	UH-2	861.27	18.99	27.05		27.15	0.000402	2.58	369.04	123.38	0.19
LUHCreek	6225.466	10-year	706.10	18.92	25.95		26.10	0.000731	3.15	223.81	45.13	0.25
LUHCreek	6225.466	UH-2	862.77	18.92	26.98		27.12	0.000590	3.10	339.13	240.07	0.23
LUHCreek	6189.529	10-year	706.10	18.90	25.95		26.08	0.000356	2.91	242.64	50.69	0.19
LUHCreek	6189.529	UH-2	862.76	18.90	26.98		27.13	0.000337	3.10	278.15	372.67	0.19
LUHCreek	6155.953		Culvert									
LUHCreek	6121.657	10-year	705.90	19.50	25.59		25.76	0.000414	3.36	210.06	74.26	0.24
LUHCreek	6121.657	UH-2	861.81	19.50	26.38		26.58	0.000411	3.63	237.24	163.43	0.24
LUHCreek	6089.903	10-year	705.90	19.29	25.48		25.75	0.001384	4.21	187.61	133.32	0.38
LUHCreek	6089.903	UH-2	861.81	19.29	26.43		26.57	0.000678	3.32	433.50	361.45	0.27
LUHCreek	6000.001	10-year	705.87	19.23	25.55		25.59	0.000245	2.11	558.02	237.22	0.17
LUHCreek	6000.001	UH-2	861.93	19.23	26.45		26.48	0.000147	1.83	817.05	368.38	0.13
LUHCreek	5885.397	10-year	716.29	19.10	25.30		25.63	0.000765	4.62	154.98	33.38	0.33
LUHCreek	5885.397	UH-2	873.96	19.10	26.24		26.54	0.000759	4.42	216.61	126.04	0.30
LUHCreek	5850.958		Culvert									
LUHCreek	5826.177	10-year	714.84	19.50	24.75		25.21	0.001355	5.46	130.83	81.09	0.42
LUHCreek	5826.177	UH-2	873.12	19.50	25.80		26.02	0.000695	4.04	306.81	178.22	0.30
LUHCreek	5779.689	10-year	715.43	19.44	24.96		25.15	0.000695	3.62	218.39	163.79	0.29
LUHCreek	5779.689	UH-2	873.12	19.44	25.78		25.98	0.000578	3.67	265.34	171.04	0.27
LUHCreek	5699.999	10-year	715.43	19.25	24.99		25.09	0.000671	3.08	326.41	164.22	0.26
LUHCreek	5699.999	UH-2	873.23	19.25	25.85		25.92	0.000480	2.54	443.76	218.40	0.22
LUHCreek	5600.000	10-year	714.95	19.03	24.52		25.03	0.002321	5.72	126.03	133.60	0.48
LUHCreek	5600.000	UH-2	872.79	19.03	25.41		25.88	0.002013	5.58	171.32	182.07	0.46
LUHCreek	5556.143	10-year	715.23	18.93	24.77		24.93	0.000672	3.23	223.95	59.01	0.28
LUHCreek	5556.143	UH-2	872.99	18.93	25.62		25.78	0.000526	3.23	281.62	152.30	0.26
LUHCreek	5530.179	10-year	714.80	18.90	24.39		24.94	0.001471	5.91	120.86	43.93	0.44
LUHCreek	5530.179	UH-2	872.58	18.90	25.19		25.81	0.001393	6.30	138.46	45.21	0.44

HEC-RAS Profile: Mex WS (Continued)

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
LUHCreek	5458.309		Culvert									
LUHCreek	5304.188	10-year	713.93	17.19	24.14		24.48	0.000685	4.68	152.52	88.46	0.31
LUHCreek	5304.188	UH-2	871.17	17.19	24.85		25.26	0.000737	5.18	168.09	159.92	0.33
LUHCreek	5252.774	10-year	713.73	17.18	24.11		24.43	0.001327	4.59	162.85	44.29	0.37
LUHCreek	5252.774	UH-2	871.31	17.18	24.88		25.22	0.001230	4.70	200.14	96.46	0.36
LUHCreek	5200.000	10-year	713.52	17.17	23.99		24.36	0.001420	4.84	147.52	70.88	0.38
LUHCreek	5200.000	UH-2	870.88	17.17	24.74		25.14	0.001435	5.12	170.05	152.47	0.39
LUHCreek	5100.001	10-year	713.08	17.15	23.84		24.20	0.001618	4.84	148.16	63.11	0.40
LUHCreek	5100.001	UH-2	870.73	17.15	24.61		25.00	0.001505	4.98	178.48	143.78	0.40
LUHCreek	5000	10-year	712.63	17.10	23.67		24.04	0.001652	4.91	145.61	35.29	0.41
LUHCreek	5000	UH-2	870.31	17.10	24.46		24.85	0.001449	5.05	175.55	40.65	0.39
LUHCreek	4899.998	10-year	711.40	16.93	23.40		23.85	0.001899	5.46	130.37	27.21	0.44
LUHCreek	4899.998	UH-2	869.42	16.93	24.18		24.69	0.001850	5.72	152.11	28.72	0.44
LUHCreek	4799.999	10-year	711.90	16.71	23.52		23.72	0.000662	3.60	209.59	49.11	0.28
LUHCreek	4799.999	UH-2	870.01	16.71	24.34		24.54	0.000612	3.73	250.97	52.94	0.27
LUHCreek	4696.301	10-year	711.66	16.50	23.40		23.66	0.000523	4.09	173.85	39.76	0.27
LUHCreek	4696.301	UH-2	869.58	16.50	24.17		24.48	0.000548	4.50	193.31	124.55	0.29
LUHCreek	4661.887		Culvert									
LUHCreek	4618.869	10-year	709.99	16.50	23.15		23.43	0.000291	4.27	167.39	184.19	0.29
LUHCreek	4618.869	UH-2	868.30	16.50	23.87		24.21	0.000309	4.71	185.74	214.33	0.31
LUHCreek	4500.000	10-year	709.80	16.38	23.09		23.38	0.000537	4.34	164.10	49.90	0.35
LUHCreek	4500.000	UH-2	868.30	16.38	23.83		24.16	0.000541	4.59	190.30	57.67	0.35
LUHCreek	4400.001	10-year	709.98	16.27	23.06		23.33	0.000525	4.13	175.18	106.52	0.35
LUHCreek	4400.001	UH-2	868.45	16.27	23.84		24.11	0.000454	4.22	216.01	127.88	0.34
LUHCreek	4299.999	10-year	709.44	16.17	22.92		23.27	0.000686	4.75	149.36	134.68	0.39
LUHCreek	4299.999	UH-2	867.99	16.17	23.67		24.06	0.000671	4.97	174.87	168.50	0.39
LUHCreek	4199.998	10-year	709.43	16.06	22.86		23.20	0.000667	4.70	151.03	89.48	0.39
LUHCreek	4199.998	UH-2	867.84	16.06	23.62		23.99	0.000652	4.91	176.79	103.33	0.39
LUHCreek	4099.999	10-year	709.27	15.96	22.80		23.14	0.000589	4.66	152.28	76.97	0.38
LUHCreek	4099.999	UH-2	867.69	15.96	23.56		23.93	0.000597	4.87	178.28	96.73	0.39
LUHCreek	4000.000	10-year	709.42	15.85	22.82		23.08	0.000526	4.09	173.42	41.57	0.35
LUHCreek	4000.000	UH-2	867.83	15.85	23.60		23.87	0.000513	4.17	208.26	108.83	0.35
LUHCreek	3899.999	10-year	709.27	15.75	22.74		23.03	0.000552	4.33	163.63	37.27	0.36
LUHCreek	3899.999	UH-2	867.69	15.75	23.51		23.82	0.000531	4.47	194.53	55.13	0.36
LUHCreek	3799.999	10-year	709.11	15.64	22.67		22.98	0.000501	4.43	159.92	37.90	0.38
LUHCreek	3799.999	UH-2	867.54	15.64	23.46		23.77	0.000448	4.52	193.32	50.95	0.37
LUHCreek	3700	10-year	709.11	15.54	22.64		22.92	0.000549	4.26	166.57	98.44	0.35
LUHCreek	3700	UH-2	867.53	15.54	23.42		23.72	0.000518	4.42	196.17	153.06	0.35
LUHCreek	3600	10-year	708.95	15.43	22.57		22.87	0.000546	4.37	162.25	33.43	0.35
LUHCreek	3600	UH-2	867.40	15.43	23.34		23.67	0.000541	4.59	188.95	110.89	0.35
LUHCreek	3500.000	10-year	708.95	15.33	22.54		22.82	0.000516	4.23	167.52	34.70	0.34
LUHCreek	3500.000	UH-2	867.26	15.33	23.31		23.62	0.000515	4.43	195.63	38.68	0.34
LUHCreek	3399.999	10-year	708.95	15.23	22.50		22.76	0.000561	4.12	172.20	40.79	0.35
LUHCreek	3399.999	UH-2	867.26	15.23	23.30		23.57	0.000565	4.17	208.01	49.24	0.36
LUHCreek	3299.999	10-year	708.95	15.12	22.44		22.71	0.000514	4.13	171.69	37.51	0.34
LUHCreek	3299.999	UH-2	867.13	15.12	23.23		23.51	0.000556	4.24	204.50	46.28	0.36
LUHCreek	3200.000	10-year	708.94	15.02	22.46		22.66	0.000382	3.64	195.02	41.67	0.30
LUHCreek	3200.000	UH-2	867.26	15.02	23.24		23.46	0.000389	3.77	229.83	47.30	0.30
LUHCreek	3099.998	10-year	708.94	14.91	22.44		22.63	0.000376	3.50	202.27	45.43	0.29
LUHCreek	3099.998	UH-2	867.13	14.91	23.22		23.42	0.000368	3.61	240.16	50.92	0.29
LUHCreek	3000	10-year	708.81	14.81	22.35		22.59	0.000454	3.86	183.86	40.83	0.32
LUHCreek	3000	UH-2	867.01	14.81	23.14		23.38	0.000461	3.97	218.42	47.33	0.33

HEC-RAS Profile: Max WS (Continued)

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
LUHCreek	2900.000	10-year	708.81	14.70	22.31		22.54	0.000489	3.80	186.29	45.14	0.33
LUHCreek	2900.000	UH-2	867.01	14.70	23.11		23.34	0.000431	3.87	223.95	53.22	0.32
LUHCreek	2799.999	10-year	708.81	14.60	22.26		22.49	0.000413	3.91	181.28	35.95	0.31
LUHCreek	2799.999	UH-2	866.86	14.60	23.03		23.30	0.000423	4.12	210.77	44.57	0.31
LUHCreek	2699.999	10-year	708.80	14.49	22.28		22.46	0.000338	3.41	208.07	45.13	0.28
LUHCreek	2699.999	UH-2	866.99	14.49	23.08		23.25	0.000307	3.43	336.01	247.16	0.27
LUHCreek	2599.999	10-year	708.80	14.39	22.24		22.42	0.000380	3.40	208.77	76.60	0.29
LUHCreek	2599.999	UH-2	866.98	14.39	23.03		23.22	0.000354	3.46	251.65	128.58	0.29
LUHCreek	2499.999	10-year	708.79	14.28	22.21		22.39	0.000311	3.38	209.96	42.72	0.27
LUHCreek	2499.999	UH-2	866.88	14.28	22.99		23.18	0.000323	3.53	245.48	48.41	0.28
LUHCreek	2399.999	10-year	708.79	14.18	22.16		22.35	0.000367	3.49	203.10	44.81	0.29
LUHCreek	2399.999	UH-2	866.88	14.18	22.95		23.15	0.000367	3.60	240.55	50.81	0.29
LUHCreek	2300.000	10-year	708.70	14.07	22.12		22.32	0.000352	3.55	199.91	41.34	0.28
LUHCreek	2300.000	UH-2	866.79	14.07	22.90		23.11	0.000363	3.70	234.52	50.46	0.29
LUHCreek	2200	10-year	708.78	13.97	22.12		22.28	0.000279	3.23	219.51	113.69	0.26
LUHCreek	2200	UH-2	866.87	13.97	22.91		23.08	0.000283	3.39	256.25	159.04	0.26
LUHCreek	2100	10-year	708.70	13.87	22.08		22.26	0.000296	3.41	208.06	165.10	0.26
LUHCreek	2100	UH-2	866.79	13.87	22.85		23.05	0.000291	3.62	239.47	192.38	0.27
LUHCreek	1999.999	10-year	708.77	13.76	22.09		22.23	0.000243	2.93	241.87	53.29	0.24
LUHCreek	1999.999	UH-2	866.86	13.76	22.88		23.02	0.000246	3.03	297.17	151.06	0.24
LUHCreek	1900.000	10-year	708.70	13.66	22.02		22.20	0.000327	3.40	209.26	59.95	0.27
LUHCreek	1900.000	UH-2	866.85	13.66	22.82		23.00	0.000302	3.49	288.51	126.33	0.27
LUHCreek	1800.000	10-year	708.75	13.55	22.03		22.17	0.000229	3.10	256.37	119.82	0.24
LUHCreek	1800.000	UH-2	866.85	13.55	22.82		22.97	0.000203	3.20	354.52	143.40	0.23
LUHCreek	1700.001	10-year	708.74	13.45	22.01		22.15	0.000219	3.01	277.96	126.89	0.23
LUHCreek	1700.001	UH-2	866.84	13.45	22.81		22.95	0.000203	3.07	380.07	164.22	0.22
LUHCreek	1600.001	10-year	708.73	13.34	21.98		22.13	0.000218	3.03	238.84	88.90	0.23
LUHCreek	1600.001	UH-2	866.84	13.34	22.78		22.93	0.000206	3.16	331.02	136.83	0.23
LUHCreek	1500.001	10-year	708.73	13.24	21.95		22.10	0.000249	3.13	227.29	51.92	0.24
LUHCreek	1500.001	UH-2	866.85	13.24	22.74		22.91	0.000239	3.30	286.92	128.06	0.24
LUHCreek	1400.001	10-year	708.73	13.13	21.93	17.13	22.08	0.000256	3.09	229.00	45.79	0.24
LUHCreek	1400.001	UH-2	866.84	13.13	22.72	17.62	22.88	0.000260	3.23	271.59	76.60	0.25