

**Table D-1. Existing Conditions Peak Discharges (Scenario 1)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
11011	19.71	30.93	36.68	51.67	56.79	66.11
11031	5.96	7.31	7.31	7.37	7.64	7.91
11051	6.40	14.44	20.61	23.29	27.64	33.46
11071	20.41	30.94	35.34	41.91	46.52	54.88
11151	11.82	21.63	28.72	37.53	49.55	60.85
11171	10.46	19.56	25.75	33.45	43.03	52.29
11211	6.43	12.24	14.62	18.06	20.22	21.35
11231	1.81	1.98	1.99	2.00	2.01	1.84
11251	1.88	2.00	2.50	2.82	3.19	3.28
11271	1.96	2.27	2.72	2.89	3.19	3.28
11291	2.81	3.98	15.70	20.19	18.25	22.38
11311	12.58	20.20	23.96	26.50	27.30	27.24
11331	10.02	16.49	19.87	22.25	23.48	23.92
11351	16.54	29.54	34.19	36.83	39.49	41.95
11371	15.07	26.43	32.74	35.61	38.88	42.16
11391	6.38	10.30	12.80	15.94	19.87	23.78
11431	4.15	6.74	8.32	9.92	9.72	9.61
11451	4.19	6.73	8.31	9.89	9.72	9.62
11471	4.29	6.71	8.27	9.82	9.77	9.66
11481	7.29	12.33	15.74	19.92	24.93	31.60
11491	8.00	14.24	19.05	24.75	37.99	38.41
11511	3.48	4.82	5.22	6.06	7.28	8.91
11512	6.30	11.52	14.73	18.58	22.94	26.55
11521	13.23	22.73	29.13	36.99	46.46	54.73
11531	8.46	13.46	16.86	21.23	26.52	31.74
11541	23.73	42.30	55.06	67.39	89.16	98.19
11551	4.91	8.28	10.84	14.45	21.16	29.37
11561	16.37	32.92	47.76	69.14	79.68	84.19
11571	17.13	36.50	53.03	74.67	90.70	101.26
11611	16.92	20.75	25.09	34.94	35.60	36.83
11631	16.62	18.32	20.74	34.56	35.62	36.89
11671	18.35	24.30	29.01	43.70	48.49	51.59
11731	14.94	24.32	29.95	36.41	41.33	45.71
11751	23.50	39.10	46.60	53.46	62.58	69.10
11771	16.40	27.11	34.82	42.68	51.48	68.31
11791	11.46	17.65	23.12	31.57	45.82	60.83
11851	28.20	40.10	48.74	59.52	69.26	77.19
11911	22.66	31.73	38.10	51.82	60.03	67.39
11971	8.30	13.91	16.29	18.52	18.99	18.23
11972	6.45	10.97	13.18	15.30	16.66	17.76
11991	14.48	25.15	29.62	33.57	34.90	35.79
12051	16.28	27.72	30.86	30.86	30.83	30.74
12091	16.09	28.80	30.78	31.22	31.40	31.91

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Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
12111	14.22	25.93	28.47	27.57	27.31	27.39
12171	19.80	35.47	43.48	49.28	50.02	51.25
12211	20.84	37.82	47.60	55.99	60.64	63.65
12231	21.21	38.19	48.16	56.66	61.40	64.41
12531	33.25	49.45	61.91	86.24	104.17	120.86
12711	24.28	39.25	40.82	40.83	40.84	40.81
12791	14.28	22.78	30.64	40.06	45.44	51.07
12811	19.58	31.77	40.47	48.23	57.76	67.23
12851	15.07	25.57	31.94	42.13	51.07	57.83
12891	27.75	43.47	49.93	58.31	65.48	71.26
12911	27.91	43.69	50.07	58.53	65.57	71.28
12931	15.47	25.26	31.18	37.90	44.90	50.49
12951	14.74	26.76	36.38	45.09	45.86	50.43
13091	4.27	8.68	11.42	14.86	18.16	20.85
13151	2.55	5.49	7.48	10.01	11.96	12.49
13152	2.55	5.49	7.48	10.01	11.96	12.49
13153	2.55	5.49	7.48	10.01	11.96	12.49
13171	7.71	16.14	22.00	29.56	33.95	33.31
13191	22.11	39.39	51.93	69.16	86.99	102.36
13231	20.51	37.73	51.25	68.27	85.24	96.77
13291	26.14	49.56	67.42	89.78	113.82	131.57
13331	24.04	48.57	65.87	87.29	110.16	126.49
13371	25.40	51.34	69.39	91.39	115.63	133.35
13391	25.48	51.91	70.17	92.32	116.93	140.43
13431	25.59	43.36	58.72	88.25	153.30	172.05
13451	6.25	10.43	13.40	17.29	22.13	26.92
13452	6.25	10.43	13.40	17.29	22.13	26.92
13471	10.47	18.62	24.07	30.92	39.40	47.71
13491	6.51	9.86	11.90	14.29	16.98	19.39
13511	31.43	62.34	84.88	112.73	153.57	186.21
13531	2.22	12.59	20.08	17.50	16.45	15.88
13551	2.14	12.38	16.80	16.61	16.08	16.04
13571	2.74	13.12	19.18	21.71	22.70	21.34
13591	5.16	13.02	17.19	22.86	29.59	36.07
13611	8.96	16.25	21.69	88.42	149.36	168.50
13631	9.21	15.07	18.97	23.75	27.72	31.54
13651	10.47	16.82	21.09	26.33	31.28	32.97
13711	13.97	22.45	27.66	33.77	41.02	48.05
13751	32.93	54.91	67.43	82.66	103.00	122.77
13791	36.97	65.68	83.15	106.73	135.81	162.09
13831	40.05	72.55	93.77	121.22	154.63	184.69
13851	19.85	36.12	46.79	60.51	77.19	92.08
13852	19.85	36.12	46.79	60.51	77.19	92.08

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Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
13871	43.95	82.42	107.93	140.53	180.40	216.92
14011	46.20	88.61	116.66	152.34	196.00	236.09
14071	46.50	92.95	124.09	163.22	211.30	258.28
14091	4.72	10.53	14.82	19.21	17.11	17.69
14111	49.71	101.55	135.26	177.94	239.55	296.38
14151	33.95	76.16	130.26	183.07	243.79	300.13
14271	0.74	1.21	1.97	3.01	4.31	5.53
14291	0.74	1.19	1.94	2.98	5.82	7.87
14311	0.74	1.14	1.88	2.90	6.89	11.81
14331	0.74	1.13	1.86	2.98	7.21	12.54
14351	0.73	1.11	1.84	2.80	7.63	14.88
14411	30.76	73.06	132.46	186.53	250.86	311.26
14431	30.82	73.41	84.68	93.09	99.85	113.96
14471	31.01	74.19	85.33	100.02	109.25	111.50
14511	31.67	75.46	86.41	101.22	110.17	112.46
14512	0.00	0.00	7.79	12.85	16.03	18.07
14591	0.00	0.00	0.52	1.91	2.61	2.97
14611	0.00	0.00	0.00	1.38	1.69	2.03
14631	0.00	0.00	0.00	2.11	3.00	2.98
14691	14.74	26.84	39.03	49.81	51.20	51.60
14711	14.74	26.84	39.08	49.86	60.67	90.26
15091	13.28	20.99	25.74	31.24	37.40	43.63
15111	4.22	8.22	10.78	13.91	19.53	24.46
15191	11.30	18.51	23.23	28.17	34.58	45.72
15211	9.61	16.40	21.05	26.28	35.06	46.20
15271	16.83	31.41	42.77	58.07	65.54	75.72
15272	6.34	5.50	6.54	12.46	22.27	34.93
15291	16.76	31.14	42.24	57.17	64.20	74.73
15311	15.85	28.49	35.14	40.71	55.93	66.79
15411	15.77	22.94	23.52	22.97	21.96	22.68
15431	7.97	13.83	15.18	17.80	18.18	18.54
15471	15.86	22.02	25.99	31.52	33.24	34.99
15531	41.16	58.58	70.95	93.70	94.55	97.00
15591	41.11	52.52	81.12	92.46	94.30	94.49
15611	27.51	46.18	53.93	68.22	86.96	97.98
15711	25.94	44.25	50.12	59.27	67.60	72.05
15751	20.51	31.06	35.39	37.53	50.57	67.80
15771	28.58	37.95	39.26	40.54	38.03	35.93
15772	28.33	37.56	38.57	39.55	38.14	35.93
15811	72.12	109.69	123.79	139.64	153.12	155.17
15871	6.92	12.81	16.80	21.86	32.57	42.41
15891	22.46	34.90	40.54	44.03	50.85	68.17
15911	19.31	29.22	34.48	40.10	45.74	50.58

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Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
15991	12.26	12.51	17.89	29.14	32.91	36.21
16111	12.48	21.65	27.40	34.21	42.00	47.65
16151	9.80	18.10	25.17	34.42	44.38	46.48
16231	9.13	17.02	22.96	30.99	35.90	39.96
16232	3.46	13.59	23.14	37.86	49.46	58.08
16251	12.45	30.49	45.78	68.29	84.88	97.33
16291	34.17	55.06	61.24	69.71	77.00	79.86
16292	34.68	53.64	61.24	69.71	77.00	79.86
16311	65.92	117.75	154.90	193.88	217.00	229.09
16411	21.31	33.63	37.33	40.14	40.59	55.60
16431	7.88	13.56	16.33	17.04	15.75	15.13
16432	7.88	13.56	16.33	17.04	15.75	15.13
16451	6.38	6.38	6.39	6.42	6.45	6.50
16471	24.64	38.49	46.99	56.92	75.88	96.68
16551	6.31	8.71	11.49	29.56	69.80	98.07
16591	35.17	53.50	64.79	78.37	94.92	111.38
16631	5.71	7.04	8.56	11.01	11.93	11.98
16632	5.71	7.04	8.56	11.01	11.93	11.98
16633	5.71	7.04	8.56	11.01	11.93	11.98
16651	24.75	41.73	48.63	58.42	69.90	72.74
16671	24.66	40.61	46.60	58.80	70.02	76.04
16711	0.00	0.01	0.02	0.03	0.03	0.04
16712	0.07	0.12	0.14	0.17	0.19	0.21
16731	74.09	155.06	202.89	236.54	246.94	256.33
16811	74.98	157.17	208.09	246.79	264.27	277.33
16891	25.78	30.88	30.93	30.97	31.01	31.14
16911	19.72	30.65	34.43	39.36	44.57	49.18
16912	22.58	28.29	29.56	29.94	28.45	29.36
16931	37.70	51.88	56.00	57.48	61.01	64.97
16991	60.89	96.77	115.93	135.75	158.62	180.86
17031	58.07	93.73	112.69	132.73	155.61	177.49
17071	78.05	166.19	229.26	289.16	341.71	374.99
17171	86.30	170.05	214.14	267.24	302.83	324.80
17271	13.71	22.16	27.21	31.13	31.84	32.03
17272	13.84	22.16	27.21	31.13	31.84	32.03
17291	25.33	41.05	50.41	58.70	58.77	58.67
17331	23.55	37.59	45.40	53.65	54.99	54.99
17351	23.55	37.56	45.37	53.63	54.98	54.98
17371	23.56	37.55	45.35	53.61	54.97	54.97
17451	23.51	37.45	45.23	53.50	54.94	54.93
17471	23.46	37.38	45.14	53.42	54.93	54.93
17491	27.39	37.06	44.54	53.16	66.73	66.65
17511	23.53	36.76	44.05	77.33	89.63	89.62

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Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
17531	23.19	34.69	40.70	56.35	65.26	65.23
17611	24.33	33.09	33.40	33.68	166.09	168.53
17631	20.31	28.30	33.08	33.38	75.91	98.08
17691	87.38	172.47	227.07	299.25	358.57	423.12
17751	86.65	171.35	226.36	296.36	353.44	403.86
17791	86.61	171.29	212.33	247.15	268.62	278.09
17871	4.37	7.04	8.78	10.14	11.71	11.69
17891	3.82	5.79	7.13	8.92	18.06	17.59
17931	86.54	171.15	211.28	239.13	258.59	274.79
18091	21.63	33.92	33.92	33.92	33.92	33.90
18111	6.26	12.97	16.86	21.47	25.69	27.02
18211	88.06	173.36	214.14	240.99	260.30	276.28
18311	9.89	14.66	22.69	31.80	39.32	45.72
18351	9.66	15.69	18.97	20.59	21.07	20.69
18352	11.27	14.77	17.77	19.25	19.69	19.34
18371	17.62	27.50	28.62	28.54	29.02	29.65
18451	23.51	37.98	42.71	46.09	49.61	52.84
18471	22.65	37.24	41.96	45.53	48.96	51.82
18551	89.52	175.01	224.56	263.87	304.04	325.88
18631	88.86	171.63	214.00	245.55	281.88	313.82
18651	85.89	167.56	212.49	244.87	276.23	313.80
18751	86.25	167.63	213.53	246.77	285.20	324.62
18851	87.09	168.87	214.94	248.78	294.64	336.17
18951	87.05	168.75	214.84	248.72	294.08	335.77
18971	87.04	168.60	214.67	248.62	292.69	334.52
18991	87.04	168.54	214.57	248.60	292.02	333.76