

Appendix M

Timing of Streamflow Extremes

2xa3 -

	day #	day #	time to	remarks
	max Q	min Q	peak	
	124	76	48	
	142	75	67	
	152	111	41	
	136	114	22	
	147	104	43	
	124	89	35	
	113	74	39	
	137	69	68	
	136	74	62	
	149	90	59	
	151	109	42	
	139	88	51	
	143	103	40	
	142	105	37	
avg	138.2143	91.5	46.71429	
stds	11.26723	15.96992	13.25738	
max	152	114	68	
min	113	69	22	

2xa4

	day #	day #	time to	remarks
	max Q	min Q	peak	
	143	75	68	
	159	113	46	
	119	105	14	
	136	101	35	
	145	106	39	
	125	90	35	
	114	74	40	
	134	69	65	
	133	74	59	
	150	90	60	
	151	108	43	
	140	85	55	
	144	108	36	
	166	106	60	
avg	139.9286	93.14286	46.78571	
stds	14.54682	15.44149	15.03421	
max	166	113	68	
min	114	69	14	

3nf1 -

	day # max Q	day # min Q	time to peak	remarks
	143	113	30	
	161	99	62	
	166	109	57	
	125	108	17	
	146	121	25	
	160	141	19	
	140	109	31	
	136	83	53	
	142	125	17	
	151	108	43	
	156	120	36	
	159	116	43	
	171	131	40	
	143	124	19	
	166	106	60	
avg	151	114.2	36.8	
stds	13.02744	13.88833	15.96514	
max	171	141	62	
min	125	83	17	

3qc2

	day # max Q	day # min Q	time to peak	remarks
	138	101	37	
	118			mn dec31
	138	73	65	
	129	109	20	
	156	115	41	
	120	105	15	
	135	77	58	
	154	108	46	
	114	88	26	
	129	74	55	
	135	69	66	
	129	74	55	
	154	91	63	
	153	109	44	
	138	88	50	
	142	106	36	
avg	136.375	92.46667	45.13333	
stds	13.15485	16.03953	16.05289	

max	156	115	66
min	114	69	15

3qc1

	day # max Q	day # min Q	time to peak	remarks
	212	106	106	
	159	113	46	
	143	111	32	
	146	93	53	
	156	116	40	
	134	106	28	
	159	109	50	
	160	120	40	
	141	84	57	
	157	84	73	
	164	93	71	
	139	104	35	
	189	110	79	
	120	108	12	
	136	116	20	
	157	108	49	
	124	90	34	
	134	78	56	
	136	69	67	
	134	93	41	
	158	90	68	
	184	110	74	
	191	88	103	
	144	112	32	
	143	106	37	
avg	152.8	100.68	52.12	
stds	22.12653	13.40933	23.58552	
max	212	120	106	
min	120	69	12	

3pb2

	day # max Q	day # min Q	time to peak	remarks
	174	114	60	
	139	106	33	
	167	94	73	
	163	115	48	
	124	107	17	

	149	116	33
	160	138	22
	137	105	32
	139	79	60
	142	125	17
	149	93	56
	157	118	39
	185	108	77
	165	131	34
	145	123	22
	161	104	57
avg	153.5	111	42.5
stds	15.78185	14.92202	19.44565
max	185	138	77
min	124	79	17

3pb1

	day # max Q	day # min Q	time to peak	remarks
	161			min missg
	182			min missg
	182	91	91	
	170	122	48	
	171	111	60	
	161	125	36	
	192	115	77	
	182	135	47	
	190	126	64	
	174	115	59	
		113		mx-sep11
	204	116	88	
	170	110	60	
	167	104	63	
	194	118	76	
	177			min missg
avg	178.4667	115.4615	64.08333	
stds	12.56336	10.87517	16.52798	
max	204	135	91	
min	161	91	36	

3oe3

	day # max Q	day # min Q	time to peak	remarks
	138	77	61	

	160	102	58
	160	111	49
	161	113	48
	129	106	23
	159	116	43
	140	105	35
	142	73	69
	150	117	33
	150	74	76
	159	91	68
	163	121	42
	163	127	36
	150	113	37
	149	109	40
avg	151.5333	103.6667	47.86667
stds	10.47355	17.18249	15.36167
max	163	127	76
min	129	73	23

3ob2

	day # max Q	day # min Q	time to peak	remarks
	161			min missg
	152			min missg
	175	80	95	
	166	96	70	
	166	106	60	
	165	106	59	
	160	106	54	
	177	104	73	
	166	100	66	
	169	111	58	
	176	106	70	
	174	114	60	
	169	102	67	
	163	101	62	
	180	119	61	
	183			mn dec31
	147	94	53	
avg	167.5882	103.2143	64.85714	
stds	9.533224	9.40686	10.53826	
max	183	119	95	
min	147	80	53	

3ng1 -

	day # max Q	day # min Q	time to peak	remarks
	133	107	26	
	159	99	60	
	160	107	53	
	164	114	50	
	126	111	15	
	150	119	31	
	161	141	20	
	141	99	42	
	139	80	59	
	146	123	23	
	151	109	42	
	159	118	41	
	163	110	53	
	167	135	32	
	145	124	21	
	146	109	37	
avg	150.625	112.8125	37.8125	
stds	11.98819	14.48778	14.50618	
max	167	141	60	
min	126	80	15	

3oe1a

	day # max Q	day # min Q	time to peak	remarks
	147	119	28	
	156	104	52	
	154	107	47	
	178	86	92	
	171	65	106	
	158	96	62	
	165	103	62	
	149	86	63	
	181	119	62	
	148	93	55	
	173	93	80	
	176	99	77	
	168	110	58	
	160	104	56	
	160	103	57	
	160	94	66	
avg	162.75	98.8125	63.9375	

stds	10.85971	13.33276	18.16395
max	181	119	106
min	147	65	28

3oc3

	day # max Q	day # min Q	time to peak	remarks
	151	113	38	
	166	115	51	
	162	118	44	
	149			
	166	112	54	
	169	112	57	
	140			
		106		
	161			
	154			
	139			
avg	155.7	112.6667	48.8	43.03333
stds	10.81203	3.983298	7.726578	
max	169	118	57	
min	139	106	38	

3oc4

	day # max Q	day # min Q	time to peak	remarks
	150	113	37	
	164	123	41	
	160	115	45	
	168	107	61	
	139			
		106		
	157			
	152			
	141			
avg	153.875	112.8	46	41.075
stds	10.38457	6.870226	10.51982	
max	168	123	61	
min	139	106	37	

3od3a

	day # max Q	day # min Q	time to peak	remarks
	161			

	180	91	89	
	152	91	61	
	169			
	167	106	61	
	167	101	66	
	182	103	79	
	177	130	47	
	169			
avg	169.3333	103.6667	67.16667	65.66667
stds	9.447222	14.33411	14.83801	
max	182	130	89	
min	152	91	47	