

City of Fitchburg, Massachusetts
July 2023 - CSO Summary Table

CSO 004

Date	CSO	Rainfall	Start	End	Duration	Estimated CSO Volume (MG)	Notes
7/16/2023	CSO-004	2.94	9:46	12:00	2:14	0.131	
7/18/2023	CSO-004	1.45	15:52	16:45	0:53	0.037	
7/21/2023	CSO-004	1.61	21:06	21:10	0:04	0.002	
Total	3	6.00			3:11	0.170	

CSO 010

Date	CSO	Rainfall	Start	End	Duration	Estimated CSO Volume (MG)	Notes
7/16/2023	CSO-10	2.94	7:05	11:40	4:35	0.080	
Total	1	2.94			4:35	0.080	

CSO 032

Date	CSO	Rainfall	Start	End	Duration	Estimated CSO Volume (MG)	Notes
7/2/2023	CSO-32	2.01	8:00	14:05	6:05	0.072	
7/3/2023	CSO-32	0.61	1:40	1:50	0:10	0.007	
7/4/2023	CSO-32	0.95	14:32	15:10	0:38	0.137	
7/10/2023	CSO-32	2.11	10:25	17:35	7:10	0.221	
7/16/2023	CSO-32	2.94	6:22	12:00	5:38	0.351	
7/18/2023	CSO-32	1.45	15:52	16:50	0:58	0.121	
7/21/2023	CSO-32	1.61	16:17	21:15	4:58	0.072	
7/29/2023	CSO-32	0.26	19:02	19:05	0:03	0.005	
Total	8	11.94			25:40	0.986	

CSO 045

Date	CSO	Rainfall	Start	End	Duration	Estimated CSO Volume (MG)	Notes
7/2/2023	CSO-45	2.01	8:00	14:10	6:10	0.246	
7/3/2023	CSO-45	0.61	1:36	3:05	1:29	0.043	
7/4/2023	CSO-45	0.95	14:31	15:20	0:49	0.140	
7/10/2023	CSO-45	2.11	10:26	17:50	7:24	0.439	
7/16/2023	CSO-45	2.94	9:46	12:00	2:14	1.370	
7/18/2023	CSO-45	1.45	15:56	17:10	1:14	0.346	
7/21/2023	CSO-45	1.61	16:16	21:20	5:04	0.329	
7/29/2023	CSO-45	0.26	19:01	19:05	0:04	0.008	
Total	8	11.94			24:28	2.921	

CSO 064

Date	CSO	Rainfall	Start	End	Duration	Estimated CSO Volume (MG)	Notes
7/2/2023	CSO-64	2.01	8:30	14:20	5:50	0.747	
7/3/2023	CSO-64	0.61	2:00	2:20	0:20	0.009	
7/4/2023	CSO-64	0.95	14:48	15:35	0:47	0.614	
7/10/2023	CSO-64	2.11	10:57	18:35	7:38	0.586	
7/16/2023	CSO-64	2.94	6:57	15:15	8:18	2.330	
Total	5	8.62			22:53	4.286	

CSO 076

Date	CSO	Rainfall	Start	End	Duration	Estimated CSO Volume (MG)	Notes
7/10/2023	CSO-76	2.11	17:06	18:20	1:14	0.020	
7/16/2023	CSO-76	2.94	9:51	14:10	4:19	0.067	
7/18/2023	CSO-76	1.45	16:26	16:40	0:14	0.006	
7/21/2023	CSO-76	1.61	16:56	17:25	0:29	0.010	
Total	4	8.11			6:16	0.102	

CSO 083

Date	CSO	Rainfall	Start	End	Duration	Estimated CSO Volume (MG)	Notes
7/16/2023	CSO-83	2.94	9:42	10:50	1:08	0.008	
Total	1	2.94			1:08	0.008	

EWWTF BPF

Date	CSO	Rainfall	Start	End	Duration	Estimated CSO Volume (MG)	Notes
7/2/2023	EWWTF	2.01	14:12	16:26	2:14	0.502	
7/3/2023	EWWTF	0.61	3:02	4:20	1:18	0.034	
7/4/2023	EWWTF	0.95	15:32	17:05	1:33	0.345	
7/10/2023	EWWTF	2.11	12:12	22:00	9:48	1.300	
7/16/2023 - 7/19/23	EWWTF	4.4	7:57	7:15	71:03	18.390	CSO activation from 7/16/2023 through 7/19/23
7/21/2023 - 7/23/23	EWWTF	1.61	17:27	7:20	37:40	5.669	CSO activation from 7/21/2023 through 7/23/23
Total	6	11.69			123:36	26.240	