

		GPM (Gallons Per Minute) being flowed																			
		25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500
Supply						1½ Fog	1¾ Fog		2½ 1" tip¹		2½ Fog	2½ 1C" tip²		2½ 1¼" tip³							
	250	10:00	5:00	3:20	2:30	2:00	1:40	1:25	1:15	1:07	1:00	:53	:50	:46	:43	:40	:38	:35	:33	:32	:30
E62	500	20:00	10:00	6:40	5:00	4:00	3:20	2:50	2:30	2:14	2:00	1:49	1:40	1:32	1:26	1:20	1:16	1:10	1:06	1:02	1:00
	750	30:00	15:00	10:00	7:30	6:00	5:00	4:17	3:45	3:20	3:00	2:46	2:30	2:18	2:09	2:00	1:53	1:45	1:39	1:35	1:30
E6 or E63	1000	40:00	20:00	13:20	10:00	8:00	6:40	5:40	5:00	4:28	4:00	3:38	3:20	3:04	2:52	2:40	2:32	2:20	2:12	2:04	2:00
	1250	50:00	25:00	16:40	12:30	10:00	8:20	7:09	6:15	5:33	5:00	4:33	4:10	3:51	3:34	3:20	3:08	2:55	2:45	2:36	2:30
E61	1500	60:00	30:00	20:00	15:00	12:00	10:00	8:34	7:30	6:40	6:00	5:47	5:00	4:36	4:17	4:00	3:45	2:30	3:20	3:09	3:00
	1750	1:10:00	35:00	23:20	17:30	14:00	11:40	10:00	8:45	7:47	7:00	6:22	5:50	5:23	5:00	4:40	4:23	4:07	3:53	3:41	3:30
Dump Tank	2000	1:20:00	40:00	26:40	20:00	16:00	13:20	11:26	10:00	8:53	8:00	7:16	6:40	6:09	5:43	5:20	5:00	4:46	4:27	4:13	4:00
	2250	1:30:00	45:00	30:00	22:30	18:00	15:00	12:51	11:15	10:00	9:00	8:11	7:30	6:55	6:26	6:00	5:36	5:18	5:00	4:46	4:30
	2500	1:40:00	50:00	33:20	25:00	20:00	16:40	14:17	12:30	11:07	10:00	9:05	8:20	7:36	7:09	6:40	6:15	5:53	5:33	5:16	5:00
	2750	1:50:00	55:00	36:40	27:30	22:00	18:20	15:43	13:45	12:13	11:00	10:00	9:10	8:28	7:51	7:20	6:53	6:28	6:06	5:47	5:30
	3000	2:00:00	60:00	40:00	30:00	24:00	20:00	17:09	15:00	13:20	12:00	10:55	10:00	9:14	8:34	8:00	7:30	7:03	6:40	6:19	6:00
	3250	2:10:00	65:00	43:20	32:30	26:00	21:40	18:34	16:15	14:27	13:00	11:49	10:50	10:00	9:17	8:40	8:08	7:36	7:14	6:50	6:30
	3500	2:20:00	70:00	46:40	35:00	28:00	23:20	20:00	17:30	15:33	14:00	12:46	11:40	10:46	10:00	9:20	8:45	8:14	7:47	7:22	7:00
	3750	2:30:00	75:00	50:00	37:30	30:00	25:00	21:26	18:45	16:40	15:00	13:36	12:30	11:32	10:46	10:00	9:23	8:49	8:20	7:54	7:30
	4000	2:40:00	80:00	53:20	40:00	32:00	26:40	22:51	20:00	17:47	16:00	14:32	13:20	12:18	11:26	10:40	10:00	9:25	8:53	8:25	8:00

Water supply available in gallons

Gallons per minute being flowed

* Most times are exact or rounded off --- several factors could create a quicker depletion of the supply----- always expect a shorter flow period *

¹ - 2½ solid Bore with 1" tip actually flows 209gpm ² - 2½ solid Bore with 1C" tip actually flows 265gpm ³ - 2½ solid Bore with 1¼" tip actually flows 326gpm

If you have two 1¾ lines with fog nozzles, double GPM and use the 300gpm column - If you use two dump tanks, use the 4,000gallon row

Supply versus flow chart

Swannanoa Fire Department www.svfd.net

$$\text{Flow time} = \text{Supply} \div \text{GPM}$$