

Stephenville

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.52	6.18	7.29	8.68	9.72	10.74
10 min	6.72	9.38	11.15	13.38	15.03	16.67
15 min	8.43	11.60	13.70	16.36	18.33	20.28
30 min	12.07	16.74	19.83	23.74	26.64	29.51
1 hour	16.81	22.61	26.45	31.31	34.91	38.48
2 hour	22.84	29.64	34.14	39.83	44.05	48.24
6 hour	38.47	50.06	57.74	67.44	74.64	81.78
12 hour	47.47	61.60	70.96	82.79	91.56	100.26
24 hour	59.81	79.40	92.38	108.77	120.93	133.01

Projected IDF Data, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.37	7.14	8.32	9.81	10.91	12
10 min	8.08	10.92	12.8	15.17	16.93	18.68
15 min	10.05	13.43	15.66	18.49	20.59	22.67
30 min	14.46	19.43	22.72	26.87	29.96	33.02
1 hour	19.77	25.95	30.04	35.21	39.05	42.85
2 hour	26.32	33.55	38.35	44.4	48.9	53.35
6 hour	44.39	56.74	64.91	75.23	82.89	90.5
12 hour	54.69	69.74	79.7	92.28	101.62	110.89
24 hour	69.82	90.67	104.48	121.93	134.88	147.73

Projected IDF Data, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.23	8.6	10.16	12.14	13.6	15.06
10 min	9.46	13.23	15.73	18.89	21.23	23.56
15 min	11.68	16.18	19.16	22.92	25.71	28.48
30 min	16.87	23.49	27.87	33.42	37.53	41.61
1 hour	22.77	30.99	36.44	43.33	48.43	53.5
2 hour	29.82	39.47	45.85	53.92	59.9	65.84
6 hour	50.38	66.82	77.71	91.47	101.67	111.8
12 hour	61.99	82.03	95.3	112.07	124.5	136.85
24 hour	79.93	107.73	126.13	149.37	166.62	183.74

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.52	6.18	7.29	8.68	9.72	10.74
10 min	6.72	9.38	11.15	13.38	15.03	16.67
15 min	8.43	11.60	13.70	16.36	18.33	20.28
30 min	12.07	16.74	19.83	23.74	26.64	29.51
1 hour	16.81	22.61	26.45	31.31	34.91	38.48
2 hour	22.84	29.64	34.14	39.83	44.05	48.24
6 hour	38.47	50.06	57.74	67.44	74.64	81.78
12 hour	47.47	61.60	70.96	82.79	91.56	100.26
24 hour	59.81	79.40	92.38	108.77	120.93	133.01

10th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.79	6.64	7.57	8.71	9.57	10.41
10 min	7.15	10.11	11.59	13.42	14.78	16.13
15 min	8.94	12.45	14.21	16.39	18.01	19.61
30 min	12.83	18.01	20.59	23.8	26.18	28.54
1 hour	17.75	24.19	27.41	31.4	34.36	37.3
2 hour	23.94	31.49	35.26	39.93	43.4	46.84
6 hour	40.34	53.21	59.63	67.59	73.5	79.36
12 hour	49.75	65.43	73.25	82.96	90.16	97.31
24 hour	62.97	84.72	95.56	109.02	119.01	128.92

10th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.72	7.7	8.86	10.32	11.41	12.49
10 min	8.64	11.79	13.64	15.98	17.71	19.44
15 min	10.72	14.47	16.67	19.45	21.52	23.57
30 min	15.44	20.97	24.22	28.32	31.36	34.39
1 hour	20.99	27.86	31.89	36.99	40.77	44.52
2 hour	27.74	35.79	40.51	46.48	50.91	55.3
6 hour	46.83	60.56	68.61	78.79	86.35	93.84
12 hour	57.66	74.39	84.21	96.62	105.83	114.97
24 hour	73.93	97.15	110.77	127.98	140.75	153.43

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.52	6.18	7.29	8.68	9.72	10.74
10 min	6.72	9.38	11.15	13.38	15.03	16.67
15 min	8.43	11.60	13.70	16.36	18.33	20.28
30 min	12.07	16.74	19.83	23.74	26.64	29.51
1 hour	16.81	22.61	26.45	31.31	34.91	38.48
2 hour	22.84	29.64	34.14	39.83	44.05	48.24
6 hour	38.47	50.06	57.74	67.44	74.64	81.78
12 hour	47.47	61.60	70.96	82.79	91.56	100.26
24 hour	59.81	79.40	92.38	108.77	120.93	133.01

90th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.78	7.54	8.82	10.45	11.67	12.87
10 min	8.73	11.57	13.62	16.22	18.17	20.11
15 min	10.81	14.2	16.65	19.75	22.07	24.37
30 min	15.58	20.55	24.15	28.7	32.12	35.5
1 hour	21.17	27.35	31.82	37.48	41.72	45.94
2 hour	27.96	35.19	40.43	47.06	52.02	56.95
6 hour	47.2	59.53	68.46	79.76	88.23	96.64
12 hour	58.1	73.15	84.03	97.81	108.14	118.39
24 hour	74.55	95.41	110.49	129.6	143.92	158.13

90th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.81	9.46	11.39	13.84	15.65	17.46
10 min	10.38	14.61	17.7	21.61	24.51	27.39
15 min	12.79	17.83	21.51	26.17	29.63	33.06
30 min	18.49	25.91	31.34	38.2	43.3	48.35
1 hour	24.78	34	40.74	49.26	55.59	61.86
2 hour	32.19	42.99	50.9	60.89	68.31	75.67
6 hour	54.4	72.83	86.3	103.34	115.98	128.52
12 hour	66.9	89.36	105.78	126.55	141.96	157.25
24 hour	86.73	117.88	140.65	169.45	190.81	212.01