

St. John's

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.68	6.22	7.24	8.53	9.49	10.44
10 min	7.11	9.22	10.63	12.40	13.72	15.02
15 min	9.07	11.86	13.71	16.04	17.77	19.49
30 min	13.28	17.43	20.18	23.65	26.22	28.78
1 hour	19.04	24.99	28.93	33.91	37.61	41.27
2 hour	26.33	35.45	41.50	49.13	54.79	60.41
6 hour	44.73	58.02	66.83	77.95	86.20	94.39
12 hour	56.93	74.23	85.68	100.15	110.88	121.54
24 hour	67.94	86.35	98.54	113.93	125.36	136.70
Projected IDF Data, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.74	7.67	8.95	10.56	11.76	12.95
10 min	8.57	11.22	12.99	15.21	16.86	18.5
15 min	10.99	14.49	16.8	19.73	21.9	24.05
30 min	16.14	21.34	24.78	29.13	32.36	35.56
1 hour	23.14	30.6	35.54	41.78	46.41	51.01
2 hour	32.61	44.05	51.63	61.2	68.3	75.34
6 hour	53.88	70.55	81.59	95.53	105.88	116.15
12 hour	68.84	90.52	104.88	123.02	136.48	149.84
24 hour	80.61	103.69	118.97	138.27	152.59	166.81
Projected IDF Data, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.06	8.37	9.9	11.84	13.28	14.71
10 min	9	12.18	14.29	16.96	18.93	20.89
15 min	11.56	15.75	18.53	22.03	24.63	27.21
30 min	16.98	23.22	27.34	32.56	36.43	40.27
1 hour	24.36	33.3	39.22	46.71	52.26	57.77
2 hour	34.48	48.19	57.27	68.74	77.26	85.7
6 hour	56.6	76.58	89.81	106.53	118.93	131.24
12 hour	72.37	98.37	115.58	137.33	153.47	169.48
24 hour	84.38	112.04	130.36	153.5	170.67	187.71

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.62	6.21	7.27	8.6	9.59	10.58
10 min	7	9.27	10.77	12.67	14.07	15.47
15 min	8.91	11.77	13.67	16.06	17.84	19.6
30 min	13.04	17.09	19.76	23.15	25.66	28.15
1 hour	18.74	24.63	28.52	33.45	37.1	40.73
2 hour	25.82	34.06	39.52	46.41	51.53	56.61
6 hour	44.11	56.13	64.08	74.13	81.58	88.98
12 hour	56.2	71.33	81.34	93.99	103.38	112.7
24 hour	67.06	84.9	96.71	111.64	122.71	133.7
10th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.28	7.02	8.17	9.63	10.7	11.77
10 min	7.94	10.42	12.06	14.13	15.65	17.17
15 min	10.1	13.23	15.3	17.91	19.84	21.75
30 min	14.72	19.14	22.06	25.75	28.48	31.18
1 hour	21.18	27.61	31.87	37.24	41.2	45.14
2 hour	29.24	38.24	44.2	51.72	57.27	62.78
6 hour	49.1	62.22	70.91	81.86	89.95	97.98
12 hour	62.48	79	89.94	103.73	113.92	124.03
24 hour	74.46	93.95	106.85	123.12	135.14	147.06
10th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.34	7.39	8.73	10.44	11.7	12.95
10 min	8.04	10.94	12.85	15.27	17.06	18.84
15 min	10.22	13.88	16.3	19.36	21.62	23.86
30 min	14.89	20.06	23.48	27.8	30.99	34.16
1 hour	21.42	28.96	33.94	40.22	44.87	49.48
2 hour	29.57	40.13	47.1	55.89	62.4	68.86
6 hour	49.59	64.97	75.12	87.94	97.42	106.84
12 hour	63.09	82.47	95.25	111.39	123.34	135.19
24 hour	75.19	98.05	113.13	132.17	146.26	160.25

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.62	6.21	7.27	8.6	9.59	10.58
10 min	7	9.27	10.77	12.67	14.07	15.47
15 min	8.91	11.77	13.67	16.06	17.84	19.6
30 min	13.04	17.09	19.76	23.15	25.66	28.15
1 hour	18.74	24.63	28.52	33.45	37.1	40.73
2 hour	25.82	34.06	39.52	46.41	51.53	56.61
6 hour	44.11	56.13	64.08	74.13	81.58	88.98
12 hour	56.2	71.33	81.34	93.99	103.38	112.7
24 hour	67.06	84.9	96.71	111.64	122.71	133.7
90th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.39	8.58	10.03	11.86	13.21	14.56
10 min	9.53	12.64	14.69	17.29	19.22	21.13
15 min	12.1	16.03	18.62	21.91	24.34	26.76
30 min	17.55	23.09	26.76	31.4	34.84	38.26
1 hour	25.3	33.37	38.71	45.46	50.47	55.44
2 hour	35.01	46.3	53.78	63.24	70.25	77.21
6 hour	57.51	73.97	84.87	98.65	108.87	119.01
12 hour	73.07	93.8	107.53	124.88	137.75	150.52
24 hour	86.96	111.43	127.62	148.09	163.27	178.34
90th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.4	8.63	10.11	11.99	13.39	14.77
10 min	9.54	12.7	14.81	17.48	19.46	21.43
15 min	12.11	16.11	18.78	22.15	24.66	27.14
30 min	17.56	23.21	26.98	31.74	35.28	38.79
1 hour	25.32	33.53	39.02	45.96	51.11	56.22
2 hour	35.03	46.53	54.22	63.93	71.14	78.29
6 hour	57.53	74.29	85.49	99.64	110.14	120.56
12 hour	73.09	94.19	108.3	126.12	139.34	152.46
24 hour	86.98	111.87	128.51	149.52	165.12	180.6