

Gander

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.45	6.18	7.32	8.76	9.82	10.89
10 min	6.44	8.87	10.49	12.52	14.03	15.53
15 min	7.72	10.72	12.7	15.21	17.07	18.91
30 min	10.3	14.21	16.8	20.06	22.49	24.89
1 hour	13.23	17.38	20.13	23.61	26.18	28.74
2 hour	18.03	22.99	26.27	30.41	33.48	36.53
6 hour	29.3	36.65	41.51	47.66	52.22	56.74
12 hour	37.83	47.65	54.15	62.36	68.46	74.51
24 hour	45.84	58.89	67.53	78.44	86.54	94.58
Projected IDF Data, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.95	8.39	10.01	12.05	13.57	15.07
10 min	8.55	12.01	14.29	17.18	19.32	21.45
15 min	10.32	14.57	17.38	20.94	23.58	26.19
30 min	13.7	19.24	22.9	27.54	30.97	34.39
1 hour	16.84	22.73	26.63	31.55	35.21	38.84
2 hour	22.33	29.36	34.01	39.89	44.25	48.57
6 hour	35.68	46.1	53	61.71	68.18	74.59
12 hour	46.35	60.28	69.5	81.15	89.79	98.37
24 hour	57.17	75.68	87.93	103.41	114.89	126.29
Projected IDF Data, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.68	8.87	10.32	12.15	13.5	14.85
10 min	9.59	12.68	14.73	17.32	19.24	21.14
15 min	11.6	15.4	17.92	21.1	23.47	25.81
30 min	15.36	20.32	23.61	27.75	30.83	33.89
1 hour	18.61	23.88	27.37	31.78	35.06	38.3
2 hour	24.45	30.74	34.9	40.16	44.06	47.94
6 hour	38.82	48.14	54.32	62.12	67.91	73.65
12 hour	50.55	63.01	71.27	81.7	89.43	97.11
24 hour	62.74	79.31	90.27	104.13	114.41	124.62

Historical IDF, 2015 Update to Observational Records						
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	2	5	10	25	50	100
5 min	4.45	6.18	7.32	8.76	9.82	10.89
10 min	6.44	8.87	10.49	12.52	14.03	15.53
15 min	7.72	10.72	12.7	15.21	17.07	18.91
30 min	10.3	14.21	16.8	20.06	22.49	24.89
1 hour	13.23	17.38	20.13	23.61	26.18	28.74
2 hour	18.03	22.99	26.27	30.41	33.48	36.53
6 hour	29.3	36.65	41.51	47.66	52.22	56.74
12 hour	37.83	47.65	54.15	62.36	68.46	74.51
24 hour	45.84	58.89	67.53	78.44	86.54	94.58
10th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.4	7.72	9.14	10.94	12.27	13.59
10 min	7.78	11.05	13.06	15.61	17.49	19.36
15 min	9.37	13.39	15.87	19	21.32	23.61
30 min	12.46	17.7	20.93	25.01	28.04	31.03
1 hour	15.52	21.1	24.53	28.87	32.08	35.26
2 hour	20.76	27.41	31.51	36.68	40.52	44.31
6 hour	33.35	43.22	49.29	56.96	62.65	68.27
12 hour	43.24	56.42	64.54	74.8	82.41	89.92
24 hour	53.04	70.55	81.34	94.97	105.08	115.06
10th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.02	7.65	8.72	10.07	11.07	12.07
10 min	8.65	10.96	12.47	14.38	15.8	17.21
15 min	10.45	13.29	15.15	17.5	19.24	20.97
30 min	13.86	17.56	19.98	23.05	25.32	27.58
1 hour	17.01	20.94	23.52	26.78	29.2	31.6
2 hour	22.54	27.23	30.31	34.19	37.08	39.94
6 hour	35.98	42.95	47.51	53.27	57.54	61.79
12 hour	46.76	56.07	62.16	69.86	75.58	81.25
24 hour	57.71	70.08	78.18	88.41	96	103.54

Historical IDF, 2015 Update to Observational Records						
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	2	5	10	25	50	100
5 min	4.45	6.18	7.32	8.76	9.82	10.89
10 min	6.44	8.87	10.49	12.52	14.03	15.53
15 min	7.72	10.72	12.7	15.21	17.07	18.91
30 min	10.3	14.21	16.8	20.06	22.49	24.89
1 hour	13.23	17.38	20.13	23.61	26.18	28.74
2 hour	18.03	22.99	26.27	30.41	33.48	36.53
6 hour	29.3	36.65	41.51	47.66	52.22	56.74
12 hour	37.83	47.65	54.15	62.36	68.46	74.51
24 hour	45.84	58.89	67.53	78.44	86.54	94.58
90th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.7	9.36	11.13	13.39	15.06	16.72
10 min	9.61	13.37	15.88	19.07	21.44	23.79
15 min	11.62	16.25	19.34	23.26	26.17	29.06
30 min	15.39	21.43	25.45	30.57	34.36	38.13
1 hour	18.64	25.06	29.33	34.77	38.81	42.82
2 hour	24.49	32.14	37.24	43.73	48.54	53.32
6 hour	38.87	50.23	57.78	67.41	74.55	81.64
12 hour	50.62	65.8	75.91	88.77	98.32	107.8
24 hour	62.84	83	96.43	113.53	126.21	138.8
90th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	8.05	11	12.96	15.43	17.26	19.08
10 min	11.53	15.7	18.47	21.96	24.55	27.13
15 min	13.98	19.12	22.52	26.82	30.01	33.17
30 min	18.47	25.16	29.6	35.2	39.36	43.49
1 hour	21.91	29.03	33.75	39.71	44.13	48.51
2 hour	28.38	36.88	42.5	49.61	54.88	60.12
6 hour	44.65	57.25	65.59	76.13	83.95	91.71
12 hour	58.35	75.19	86.34	100.43	110.88	121.26
24 hour	73.1	95.48	110.3	129.02	142.91	156.7