

Twillingate

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5	6.3	7.16	8.24	9.05	9.84
10 min	7.99	10.95	12.91	15.39	17.23	19.05
15 min	9.5	13.36	15.92	19.16	21.56	23.94
30 min	11.93	15.53	17.91	20.92	23.15	25.37
1 hour	17.6	22.12	25.12	28.9	31.71	34.5
2 hour	25.21	29.9	33.01	36.93	39.84	42.73
6 hour	35.72	42.01	46.17	51.42	55.32	59.19
12 hour	43.51	52.04	57.7	64.84	70.13	75.39
24 hour	51.69	62.55	69.75	78.83	85.57	92.27
Projected IDF Data, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.56	8.45	9.7	11.29	12.46	13.63
10 min	11.54	15.86	18.73	22.35	25.03	27.7
15 min	14.13	19.77	23.51	28.23	31.74	35.22
30 min	16.24	21.49	24.97	29.37	32.63	35.86
1 hour	23.02	29.63	34	39.53	43.63	47.7
2 hour	30.83	37.68	42.22	47.95	52.2	56.42
6 hour	43.25	52.43	58.5	66.18	71.87	77.53
12 hour	53.74	66.2	74.45	84.88	92.62	100.29
24 hour	64.71	80.57	91.07	104.34	114.18	123.96
Projected IDF Data, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	7.06	9.12	10.49	12.22	13.5	14.77
10 min	12.69	17.41	20.53	24.48	27.4	30.31
15 min	15.63	21.79	25.86	31.01	34.83	38.62
30 min	17.64	23.37	27.16	31.95	35.51	39.04
1 hour	24.78	31.98	36.75	42.78	47.25	51.69
2 hour	32.66	40.12	45.07	51.32	55.95	60.55
6 hour	45.69	55.7	62.32	70.7	76.9	83.07
12 hour	57.05	70.65	79.65	91.02	99.45	107.82
24 hour	68.93	86.22	97.68	112.15	122.88	133.53

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.12	6.75	7.83	9.20	10.21	11.21
10 min	8.24	11.91	14.34	17.41	19.69	21.95
15 min	9.83	14.84	18.16	22.35	25.46	28.54
30 min	12.19	16.59	19.50	23.18	25.91	28.62
1 hour	17.79	22.05	24.87	28.44	31.08	33.71
2 hour	25.43	30.02	33.06	36.90	39.75	42.58
6 hour	35.95	41.73	45.56	50.39	53.98	57.54
12 hour	44.01	53.28	59.42	67.17	72.93	78.64
24 hour	52.54	65.80	74.58	85.67	93.90	102.07
10th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.08	8.12	9.47	11.17	12.37	13.51
10 min	10.41	15.02	18.06	21.89	24.54	27.11
15 min	12.79	19.08	23.23	28.46	32.05	35.55
30 min	14.79	20.3	23.95	28.53	31.68	34.76
1 hour	20.31	25.66	29.19	33.63	36.69	39.67
2 hour	28.15	33.91	37.73	42.51	45.78	48.99
6 hour	39.37	46.62	51.41	57.44	61.58	65.62
12 hour	49.5	61.12	68.82	78.48	85.13	91.61
24 hour	60.39	77.01	88.02	101.84	111.35	120.62
10th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.36	8.48	9.88	11.65	12.96	14.26
10 min	11.01	15.79	18.94	22.91	25.85	28.77
15 min	13.62	20.13	24.43	29.84	33.85	37.84
30 min	15.51	21.23	25	29.75	33.27	36.76
1 hour	21	26.55	30.2	34.81	38.22	41.61
2 hour	28.9	34.87	38.8	43.76	47.43	51.08
6 hour	40.32	47.83	52.78	59.02	63.65	68.24
12 hour	51.01	63.06	71.01	81.01	88.43	95.8
24 hour	62.55	79.79	91.16	105.48	116.1	126.64

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.12	6.75	7.83	9.20	10.21	11.21
10 min	8.24	11.91	14.34	17.41	19.69	21.95
15 min	9.83	14.84	18.16	22.35	25.46	28.54
30 min	12.19	16.59	19.50	23.18	25.91	28.62
1 hour	17.79	22.05	24.87	28.44	31.08	33.71
2 hour	25.43	30.02	33.06	36.90	39.75	42.58
6 hour	35.95	41.73	45.56	50.39	53.98	57.54
12 hour	44.01	53.28	59.42	67.17	72.93	78.64
24 hour	52.54	65.80	74.58	85.67	93.90	102.07
90th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	7.69	10.04	11.61	13.63	15.13	16.62
10 min	14.02	19.33	22.85	27.4	30.78	34.14
15 min	17.72	24.96	29.76	35.96	40.57	45.14
30 min	19.12	25.47	29.69	35.14	39.19	43.2
1 hour	24.5	30.65	34.74	40.02	43.94	47.83
2 hour	32.66	39.29	43.69	49.38	53.6	57.78
6 hour	45.06	53.4	58.94	66.1	71.42	76.69
12 hour	58.61	72	80.88	92.38	100.9	109.36
24 hour	73.43	92.57	105.28	121.71	133.9	146.01
90th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	8.25	10.71	12.42	14.62	16.26	17.88
10 min	15.28	20.8	24.64	29.59	33.26	36.9
15 min	19.45	26.97	32.22	38.97	43.97	48.94
30 min	20.63	27.23	31.83	37.76	42.15	46.51
1 hour	25.97	32.37	36.83	42.57	46.83	51.06
2 hour	34.25	41.14	45.95	52.14	56.73	61.29
6 hour	47.05	55.73	61.79	69.58	75.36	81.1
12 hour	61.8	75.72	85.43	97.92	107.19	116.39
24 hour	77.99	97.91	111.8	129.67	142.93	156.09