

St. Alban's

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.61	5.92	6.79	7.89	8.71	9.52
10 min	7.00	8.77	9.94	11.42	12.52	13.61
15 min	8.74	11.03	12.55	14.46	15.88	17.29
30 min	12.59	15.04	16.66	18.71	20.23	21.74
1 hour	17.44	20.86	23.13	25.99	28.11	30.22
2 hour	26.56	30.16	32.55	35.56	37.80	40.02
6 hour	47.50	53.08	56.78	61.46	64.93	68.37
12 hour	64.31	77.03	85.45	96.09	103.98	111.81
24 hour	81.66	106.35	122.69	143.34	158.66	173.87
Projected IDF Data, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.22	6.97	8.13	9.6	10.69	11.77
10 min	7.82	10.18	11.74	13.71	15.17	16.63
15 min	9.8	12.85	14.87	17.42	19.32	21.2
30 min	13.73	16.99	19.15	21.88	23.9	25.91
1 hour	19.02	23.58	26.6	30.42	33.25	36.06
2 hour	28.22	33.03	36.21	40.22	43.2	46.16
6 hour	50.09	57.58	62.54	68.81	73.46	78.07
12 hour	70.2	87.15	98.37	112.55	123.07	133.51
24 hour	93.09	125.99	147.78	175.3	195.72	215.98
Projected IDF Data, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.4	7.15	8.3	9.77	10.85	11.93
10 min	8.07	10.42	11.98	13.95	15.4	16.85
15 min	10.12	13.17	15.18	17.73	19.62	21.5
30 min	14.07	17.32	19.48	22.2	24.22	26.22
1 hour	19.5	24.06	27.08	30.89	33.72	36.52
2 hour	28.73	33.52	36.7	40.7	43.68	46.63
6 hour	50.88	58.35	63.29	69.54	74.17	78.77
12 hour	71.99	88.9	100.1	114.25	124.75	135.17
24 hour	96.55	129.38	151.12	178.58	198.96	219.18

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.61	5.92	6.79	7.89	8.71	9.52
10 min	7.00	8.77	9.94	11.42	12.52	13.61
15 min	8.74	11.03	12.55	14.46	15.88	17.29
30 min	12.59	15.04	16.66	18.71	20.23	21.74
1 hour	17.44	20.86	23.13	25.99	28.11	30.22
2 hour	26.56	30.16	32.55	35.56	37.80	40.02
6 hour	47.50	53.08	56.78	61.46	64.93	68.37
12 hour	64.31	77.03	85.45	96.09	103.98	111.81
24 hour	81.66	106.35	122.69	143.34	158.66	173.87
10th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.85	6.4	7.4	8.67	9.61	10.55
10 min	7.33	9.41	10.76	12.46	13.73	14.98
15 min	9.16	11.84	13.59	15.8	17.44	19.06
30 min	13.04	15.91	17.78	20.14	21.89	23.62
1 hour	18.07	22.08	24.69	27.99	30.43	32.86
2 hour	27.22	31.44	34.18	37.65	40.22	42.78
6 hour	48.52	55.12	59.41	64.83	68.85	72.84
12 hour	66.65	81.54	91.23	103.48	112.56	121.57
24 hour	86.2	115.09	133.89	157.65	175.27	192.77
10th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.96	6.6	7.67	9.02	10.02	11.01
10 min	7.48	9.68	11.12	12.93	14.27	15.6
15 min	9.37	12.22	14.09	16.43	18.17	19.9
30 min	13.26	16.3	18.29	20.8	22.66	24.51
1 hour	18.38	22.63	25.42	28.93	31.53	34.11
2 hour	27.54	32.01	34.94	38.63	41.36	44.08
6 hour	49.03	56.02	60.6	66.36	70.63	74.87
12 hour	67.79	83.59	93.94	106.96	116.61	126.2
24 hour	88.41	119.06	139.16	164.42	183.16	201.76

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.61	5.92	6.79	7.89	8.71	9.52
10 min	7.00	8.77	9.94	11.42	12.52	13.61
15 min	8.74	11.03	12.55	14.46	15.88	17.29
30 min	12.59	15.04	16.66	18.71	20.23	21.74
1 hour	17.44	20.86	23.13	25.99	28.11	30.22
2 hour	26.56	30.16	32.55	35.56	37.80	40.02
6 hour	47.50	53.08	56.78	61.46	64.93	68.37
12 hour	64.31	77.03	85.45	96.09	103.98	111.81
24 hour	81.66	106.35	122.69	143.34	158.66	173.87
90th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.48	7.42	8.72	10.36	11.58	12.79
10 min	8.18	10.79	12.53	14.74	16.37	18
15 min	10.26	13.64	15.9	18.75	20.87	22.97
30 min	14.22	17.84	20.25	23.3	25.57	27.82
1 hour	19.71	24.77	28.14	32.41	35.58	38.72
2 hour	28.94	34.27	37.82	42.32	45.66	48.97
6 hour	51.22	59.51	65.04	72.05	77.25	82.41
12 hour	72.76	91.56	104.1	119.96	131.75	143.45
24 hour	98.06	134.57	158.91	189.72	212.61	235.33
90th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.67	7.55	8.9	10.6	11.87	13.12
10 min	8.45	10.97	12.78	15.08	16.78	18.47
15 min	10.61	13.87	16.22	19.19	21.39	23.58
30 min	14.58	18.08	20.58	23.76	26.12	28.46
1 hour	20.23	25.11	28.62	33.06	36.35	39.62
2 hour	29.49	34.64	38.33	43.01	46.48	49.92
6 hour	52.07	60.05	65.77	73.03	78.41	83.75
12 hour	74.67	92.85	105.86	122.36	134.6	146.75
24 hour	101.76	137.05	162.3	194.33	218.09	241.68