

Deer Lake

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	3.92	5.45	6.47	7.75	8.7	9.65
10 min	5.67	7.84	9.28	11.1	12.45	13.79
15 min	6.92	9.36	10.97	13.02	14.53	16.04
30 min	9.78	12.66	14.57	16.98	18.77	20.54
1 hour	13.3	16.51	18.63	21.32	23.31	25.29
2 hour	18.75	23.85	27.23	31.49	34.66	37.8
6 hour	28.99	36.1	40.81	46.75	51.17	55.54
12 hour	37.75	46.35	52.05	59.25	64.59	69.89
24 hour	44.93	55.7	62.83	71.84	78.53	85.16
Projected IDF Data, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.43	7.61	9.05	10.87	12.22	13.56
10 min	7.81	10.89	12.94	15.52	17.43	19.33
15 min	9.32	12.79	15.08	17.98	20.13	22.26
30 min	12.62	16.71	19.42	22.84	25.38	27.89
1 hour	16.46	21.02	24.03	27.84	30.67	33.48
2 hour	23.78	31.01	35.8	41.86	46.34	50.8
6 hour	36	46.09	52.77	61.2	67.46	73.68
12 hour	46.23	58.44	66.52	76.74	84.31	91.84
24 hour	55.55	70.83	80.95	93.74	103.22	112.64
Projected IDF Data, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.32	8.92	10.65	12.84	14.45	16.06
10 min	9.06	12.76	15.21	18.31	20.6	22.88
15 min	10.73	14.89	17.64	21.11	23.69	26.25
30 min	14.28	19.19	22.43	26.54	29.58	32.6
1 hour	18.31	23.78	27.39	31.96	35.35	38.72
2 hour	26.72	35.39	41.14	48.4	53.78	59.12
6 hour	40.1	52.19	60.2	70.32	77.83	85.28
12 hour	51.19	65.83	75.53	87.78	96.86	105.88
24 hour	61.75	80.08	92.22	107.55	118.93	130.22

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	3.92	5.45	6.47	7.75	8.7	9.65
10 min	5.67	7.84	9.28	11.1	12.45	13.79
15 min	6.92	9.36	10.97	13.02	14.53	16.04
30 min	9.78	12.66	14.57	16.98	18.77	20.54
1 hour	13.3	16.51	18.63	21.32	23.31	25.29
2 hour	18.75	23.85	27.23	31.49	34.66	37.8
6 hour	28.99	36.1	40.81	46.75	51.17	55.54
12 hour	37.75	46.35	52.05	59.25	64.59	69.89
24 hour	44.93	55.7	62.83	71.84	78.53	85.16
10th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.81	6.49	7.59	8.99	10.03	11.06
10 min	6.93	9.3	10.87	12.85	14.32	15.78
15 min	8.34	11	12.76	14.99	16.64	18.28
30 min	11.46	14.6	16.68	19.31	21.26	23.19
1 hour	15.17	18.67	20.99	23.91	26.08	28.24
2 hour	21.73	27.28	30.96	35.61	39.06	42.48
6 hour	33.14	40.89	46.02	52.5	57.31	62.08
12 hour	42.76	52.14	58.35	66.2	72.02	77.8
24 hour	51.21	62.95	70.72	80.54	87.83	95.06
10th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.38	7.55	8.98	10.79	12.12	13.44
10 min	7.74	10.81	12.84	15.4	17.29	19.16
15 min	9.25	12.69	14.97	17.85	19.97	22.07
30 min	12.53	16.59	19.28	22.69	25.19	27.67
1 hour	16.36	20.89	23.89	27.67	30.46	33.22
2 hour	23.62	30.81	35.57	41.58	46.01	50.4
6 hour	35.78	45.8	52.44	60.83	67	73.12
12 hour	45.96	58.09	66.13	76.28	83.76	91.16
24 hour	55.21	70.4	80.46	93.17	102.53	111.79

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	3.92	5.45	6.47	7.75	8.7	9.65
10 min	5.67	7.84	9.28	11.1	12.45	13.79
15 min	6.92	9.36	10.97	13.02	14.53	16.04
30 min	9.78	12.66	14.57	16.98	18.77	20.54
1 hour	13.3	16.51	18.63	21.32	23.31	25.29
2 hour	18.75	23.85	27.23	31.49	34.66	37.8
6 hour	28.99	36.1	40.81	46.75	51.17	55.54
12 hour	37.75	46.35	52.05	59.25	64.59	69.89
24 hour	44.93	55.7	62.83	71.84	78.53	85.16
90th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.6	9.19	10.91	13.08	14.69	16.29
10 min	9.46	13.14	15.57	18.65	20.94	23.2
15 min	11.18	15.31	18.05	21.5	24.07	26.61
30 min	14.81	19.68	22.91	26.99	30.02	33.03
1 hour	18.9	24.33	27.93	32.48	35.85	39.19
2 hour	27.65	36.28	41.99	49.21	54.56	59.88
6 hour	41.4	53.43	61.39	71.46	78.92	86.33
12 hour	52.76	67.32	76.97	89.15	98.19	107.16
24 hour	63.72	81.95	94.02	109.28	120.59	131.82
90th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	7.4	10.06	11.85	14.33	16.31	18.28
10 min	10.6	14.37	16.91	20.43	23.24	26.02
15 min	12.45	16.69	19.54	23.5	26.65	29.78
30 min	16.31	21.32	24.68	29.35	33.07	36.77
1 hour	20.58	26.15	29.9	35.1	39.24	43.36
2 hour	30.32	39.17	45.11	53.38	59.96	66.49
6 hour	45.12	57.46	65.74	77.27	86.44	95.55
12 hour	57.26	72.2	82.23	96.18	107.29	118.32
24 hour	69.35	88.05	100.61	118.08	131.99	145.79