

Churchill Falls

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.46	6.18	7.31	8.75	9.82	10.87
10 min	5.97	8.27	9.79	11.72	13.15	14.57
15 min	7.12	9.84	11.65	13.93	15.62	17.3
30 min	9.04	12.39	14.61	17.41	19.48	21.55
1 hour	10.76	14.13	16.35	19.17	21.25	23.33
2 hour	13.68	17.02	19.23	22.03	24.1	26.15
6 hour	20.93	27.18	31.32	36.55	40.43	44.28
12 hour	28.78	35.65	40.2	45.94	50.21	54.44
24 hour	35.93	43.42	48.38	54.64	59.29	63.9
Projected IDF Data, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	6.55	8.27	9.4	10.83	11.9	12.95
10 min	8.77	11.07	12.59	14.52	15.94	17.36
15 min	10.44	13.16	14.96	17.24	18.92	20.6
30 min	13.12	16.46	18.68	21.47	23.54	25.6
1 hour	14.86	18.22	20.44	23.25	25.33	27.4
2 hour	17.75	21.08	23.29	26.08	28.15	30.2
6 hour	28.55	34.79	38.92	44.14	48.01	51.86
12 hour	37.15	44.01	48.55	54.29	58.54	62.76
24 hour	45.06	52.53	57.48	63.73	68.37	72.98
Projected IDF Data, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	7.5	9.47	10.78	12.43	13.66	14.87
10 min	10.04	12.69	14.44	16.66	18.3	19.93
15 min	11.94	15.08	17.15	19.77	21.72	23.65
30 min	14.97	18.82	21.37	24.59	26.98	29.35
1 hour	16.71	20.58	23.14	26.38	28.78	31.17
2 hour	19.59	23.43	25.97	29.19	31.57	33.94
6 hour	31.99	39.18	43.94	49.96	54.42	58.85
12 hour	40.94	48.84	54.07	60.68	65.58	70.45
24 hour	49.18	57.8	63.5	70.71	76.05	81.36

Historical IDF, 2015 Update to Observational Records						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	4.46	6.18	7.31	8.75	9.82	10.87
10 min	5.97	8.27	9.79	11.72	13.15	14.57
15 min	7.12	9.84	11.65	13.93	15.62	17.3
30 min	9.04	12.39	14.61	17.41	19.48	21.55
1 hour	10.76	14.13	16.35	19.17	21.25	23.33
2 hour	13.68	17.02	19.23	22.03	24.1	26.15
6 hour	20.93	27.18	31.32	36.55	40.43	44.28
12 hour	28.78	35.65	40.2	45.94	50.21	54.44
24 hour	35.93	43.42	48.38	54.64	59.29	63.9
10th Percentile of Projection Ensemble, 2041-2070						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.46	7.08	8.16	9.51	10.41	11.27
10 min	7.31	9.48	10.92	12.74	13.95	15.1
15 min	8.71	11.28	12.99	15.14	16.57	17.93
30 min	11	14.16	16.25	18.89	20.65	22.32
1 hour	12.72	15.9	18	20.66	22.42	24.11
2 hour	15.63	18.78	20.87	23.51	25.26	26.93
6 hour	24.57	30.48	34.39	39.33	42.6	45.73
12 hour	32.79	39.27	43.57	49	52.59	56.04
24 hour	40.3	47.37	52.05	57.97	61.89	65.64
10th Percentile of Projection Ensemble, 2071-2100						
Duration	Return Interval (years)					
	2	5	10	25	50	100
5 min	5.68	7.21	8.21	9.48	10.41	11.34
10 min	7.6	9.66	11	12.69	13.95	15.2
15 min	9.05	11.49	13.07	15.08	16.57	18.04
30 min	11.42	14.41	16.36	18.82	20.65	22.46
1 hour	13.15	16.15	18.11	20.59	22.42	24.25
2 hour	16.06	19.04	20.98	23.44	25.26	27.07
6 hour	25.37	30.95	34.59	39.19	42.6	45.99
12 hour	33.66	39.79	43.8	48.85	52.6	56.32
24 hour	41.25	47.94	52.3	57.81	61.89	65.95