

**Table 1.22 Future Climate IDF Curves for Port Aux Basques (8402975) – 2011-2040
Time Horizon**

Minimum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	4.5	5.7	6.4	7.1	7.4	8.0	8.7
10-min	6.9	8.5	9.4	10.3	10.6	11.5	12.3
15-min	8.9	11.2	12.4	13.7	14.0	15.2	16.4
30-min	13.1	16.5	18.4	20.2	20.8	22.6	24.4
1-hr	18.0	22.3	24.8	27.2	27.9	30.2	32.5
2-hr	26.9	34.2	38.3	42.3	43.6	47.5	51.4
6-hr	41.1	50.6	56.4	61.9	63.6	68.9	74.2
12-hr	53.6	64.1	70.5	76.6	78.5	84.4	90.3
24-hr	66.8	81.1	89.9	98.2	100.8	108.9	117.0
Median Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	5.1	6.7	7.8	8.8	9.1	10.2	11.2
10-min	7.7	9.7	11.1	12.5	12.9	14.2	15.5
15-min	10.0	12.8	14.8	16.6	17.2	19.0	20.8
30-min	14.8	19.0	21.9	24.7	25.6	28.3	30.9
1-hr	20.1	25.6	29.3	32.9	34.1	37.6	41.0
2-hr	30.5	39.7	46.0	52.1	54.0	59.9	65.6
6-hr	44.7	56.7	64.9	72.9	75.4	83.1	90.8
12-hr	57.5	71.0	80.2	89.0	91.9	100.5	109.1
24-hr	71.8	89.5	101.6	113.3	117.0	128.4	139.7
Maximum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	6.3	8.3	9.6	10.9	11.3	12.6	13.9
10-min	9.2	11.8	13.5	15.2	15.7	17.3	18.9
15-min	12.1	15.7	18.1	20.3	21.1	23.3	25.5
30-min	17.9	23.3	26.9	30.3	31.4	34.8	38.1
1-hr	24.2	31.1	35.8	40.2	41.6	45.9	50.2
2-hr	37.3	49.0	56.8	64.3	66.6	73.9	81.2
6-hr	51.3	67.5	78.2	88.5	91.8	101.8	111.8
12-hr	64.9	83.1	95.2	106.8	110.5	121.8	133.0
24-hr	81.2	104.7	120.3	135.2	139.9	154.5	169.0

Table 1.23 Future Climate IDF Curves for Port Aux Basques (8402975) – 2041-2070
Time Horizon

Minimum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	4.9	6.1	6.8	7.5	7.8	8.4	9.1
10-min	7.5	9.0	10.0	10.8	11.1	12.0	12.9
15-min	9.7	11.9	13.2	14.4	14.8	16.0	17.2
30-min	14.2	17.5	19.5	21.3	21.9	23.7	25.5
1-hr	19.4	23.7	26.2	28.6	29.3	31.7	34.0
2-hr	29.3	36.5	40.7	44.7	46.0	49.9	53.8
6-hr	43.5	53.4	59.5	65.2	67.1	72.7	78.3
12-hr	56.2	67.3	74.0	80.5	82.5	88.8	95.1
24-hr	70.2	85.0	94.1	102.8	105.5	114.0	122.5
Median Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	5.4	7.0	8.2	9.3	9.7	10.8	11.9
10-min	8.1	10.2	11.7	13.1	13.6	15.0	16.4
15-min	10.6	13.5	15.5	17.5	18.1	20.1	22.0
30-min	15.6	20.0	23.0	26.0	27.0	29.9	32.8
1-hr	21.2	26.9	30.7	34.6	35.8	39.6	43.4
2-hr	32.3	41.8	48.4	54.9	57.0	63.4	69.7
6-hr	46.5	59.2	67.8	76.2	78.9	87.2	95.5
12-hr	59.5	73.8	83.5	92.8	95.8	105.1	114.4
24-hr	74.3	93.0	105.6	117.9	121.9	134.0	146.1
Maximum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	6.8	9.5	11.8	13.9	14.6	16.8	18.9
10-min	9.8	13.4	16.3	19.0	19.9	22.6	25.3
15-min	13.0	17.9	21.8	25.6	26.8	30.6	34.3
30-min	19.2	26.6	32.6	38.3	40.1	45.7	51.3
1-hr	25.9	35.4	43.1	50.5	52.8	60.1	67.2
2-hr	40.1	56.2	69.2	81.6	85.6	97.8	109.9
6-hr	54.0	75.0	91.1	106.6	111.5	126.7	141.7
12-hr	68.0	91.6	109.6	127.0	132.5	149.5	166.5
24-hr	85.1	115.3	138.5	160.8	167.9	189.8	211.4

**Table 1.24 Future Climate IDF Curves for Port Aux Basques (8402975) – 2071-2100
Time Horizon**

Minimum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	4.7	6.5	7.6	8.6	8.9	9.8	10.6
10-min	7.3	9.5	10.9	12.2	12.6	13.7	14.8
15-min	9.5	12.5	14.5	16.2	16.7	18.3	19.8
30-min	13.9	18.5	21.4	24.1	24.9	27.3	29.5
1-hr	19.0	24.9	28.7	32.1	33.2	36.2	39.1
2-hr	28.6	38.5	44.9	50.7	52.5	57.6	62.5
6-hr	42.8	55.3	63.6	71.2	73.6	80.9	88.1
12-hr	55.4	69.4	78.7	87.2	89.8	98.0	106.1
24-hr	69.1	87.6	99.8	111.0	114.5	125.2	135.9
Median Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	5.8	7.7	9.1	10.4	10.8	12.2	13.5
10-min	8.6	11.0	12.8	14.5	15.0	16.7	18.5
15-min	11.3	14.6	17.0	19.4	20.1	22.5	24.9
30-min	16.7	21.7	25.3	28.9	30.0	33.6	37.2
1-hr	22.7	29.0	33.8	38.3	39.7	44.4	49.0
2-hr	34.8	45.5	53.4	61.1	63.5	71.3	79.2
6-hr	48.8	63.3	73.6	83.5	86.7	96.4	106.0
12-hr	62.1	78.4	89.9	101.1	104.6	115.5	126.4
24-hr	77.7	98.8	113.7	128.2	132.8	146.9	160.9
Maximum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	7.1	9.7	11.2	13.0	13.6	15.3	17.1
10-min	10.3	13.6	15.5	17.8	18.5	20.8	23.0
15-min	13.7	18.1	20.9	24.0	25.0	28.0	31.1
30-min	20.3	27.0	31.1	35.8	37.3	42.0	46.5
1-hr	27.2	35.9	41.2	47.3	49.2	55.2	61.1
2-hr	42.4	57.0	65.9	76.2	79.5	89.5	99.5
6-hr	56.2	77.1	89.9	102.1	106.0	119.1	132.2
12-hr	70.4	94.0	108.4	122.1	126.5	141.2	155.9
24-hr	88.1	118.3	136.8	154.5	160.1	179.0	197.9