

Table 1.1 Future Climate IDF Curves for Argentina (AUT) (8400104) – 2011-2040
Time Horizon

Minimum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	4.8	6.0	6.7	7.4	7.7	8.4	9.1
10-min	8.4	10.6	12.0	13.4	13.8	15.1	16.5
15-min	11.0	13.7	15.5	17.3	17.8	19.5	21.2
30-min	14.9	18.1	20.2	22.3	22.9	24.9	26.9
1-hr	19.8	24.3	27.3	30.1	31.1	33.9	36.6
2-hr	27.1	34.6	39.6	44.3	45.9	50.5	55.1
6-hr	48.5	68.7	82.1	94.9	99.0	111.5	123.9
12-hr	63.1	90.1	107.9	125.0	130.4	147.1	163.7
24-hr	72.0	100.9	120.1	138.5	144.3	162.3	180.2
Median Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	5.3	7.0	8.1	9.2	9.5	10.6	11.7
10-min	9.3	12.5	14.6	16.7	17.3	19.3	21.3
15-min	12.2	16.1	18.8	21.4	22.3	24.8	27.3
30-min	16.3	20.9	24.1	27.2	28.2	31.1	34.1
1-hr	21.7	28.3	32.7	37.1	38.4	42.6	46.8
2-hr	30.3	41.3	48.7	55.9	58.1	65.1	72.0
6-hr	56.7	87.2	108.7	128.7	135.1	154.6	174.1
12-hr	74.0	114.7	143.4	170.1	178.6	204.7	230.6
24-hr	84.3	126.6	155.4	182.7	191.3	217.9	244.4
Maximum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	6.1	8.1	9.4	10.7	11.1	12.4	13.6
10-min	10.8	14.6	17.1	19.5	20.3	22.6	25.0
15-min	13.9	18.8	21.9	25.0	26.0	29.0	31.9
30-min	18.4	24.0	27.8	31.4	32.5	36.1	39.5
1-hr	24.6	32.6	37.9	43.0	44.6	49.5	54.4
2-hr	35.2	48.5	57.2	65.7	68.3	76.6	84.7
6-hr	69.8	107.9	133.1	157.3	165.0	188.7	212.2
12-hr	91.5	142.3	176.0	208.3	218.5	250.1	281.4
24-hr	103.2	154.4	188.3	220.8	231.1	262.9	294.5

Table 1.2 Future Climate IDF Curves for Argentina (AUT) (8400104) – 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	6.9	7.7	8.0	8.6	9.3
10-min	8.6	10.9	12.4	13.8	14.3	15.6	16.9
15-min	11.2	14.1	16.0	17.9	18.5	20.1	21.7
30-min	15.1	18.5	20.8	23.0	23.7	25.6	27.5
1-hr	20.0	24.9	28.1	31.1	32.1	34.9	37.5
2-hr	27.6	35.6	40.9	46.0	47.6	52.2	56.5
6-hr	47.8	70.9	86.2	100.8	105.5	118.6	131.0
12-hr	62.1	92.9	113.3	132.9	139.1	156.6	173.2
24-hr	73.6	104.7	125.2	144.9	151.2	168.8	185.5
Median Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	5.7	7.5	8.8	9.9	10.3	11.4	12.4
10-min	10.2	13.5	15.9	18.0	18.7	20.8	22.8
15-min	13.2	17.5	20.5	23.1	24.0	26.6	29.2
30-min	17.5	22.5	26.0	29.2	30.2	33.3	36.3
1-hr	23.4	30.5	35.4	39.8	41.3	45.6	49.9
2-hr	33.1	45.0	53.1	60.5	62.8	70.1	77.1
6-hr	63.8	97.8	121.3	142.5	149.2	169.9	190.3
12-hr	84.0	129.7	160.4	187.9	196.7	224.9	251.0
24-hr	95.1	140.9	172.5	200.8	209.8	237.7	265.1
Maximum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	7.0	10.1	12.1	14.1	14.7	16.6	18.5
10-min	12.5	18.3	22.2	25.9	27.1	30.7	34.3
15-min	16.1	23.5	28.4	33.1	34.6	39.2	43.7
30-min	21.0	29.6	35.4	40.9	42.7	48.1	53.4
1-hr	28.3	40.5	48.6	56.4	58.8	66.4	73.9
2-hr	41.3	61.6	75.0	87.9	92.0	104.6	117.1
6-hr	87.2	145.6	184.3	221.3	233.1	269.3	305.3
12-hr	114.8	192.6	244.2	293.6	309.3	357.7	405.6
24-hr	126.6	205.1	257.0	306.8	322.6	371.2	419.6

Table 1.3 Future Climate IDF Curves for Argentina (AUT) (8400104) – 2071-2100
Time Horizon

Minimum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	5.1	6.5	7.5	8.4	8.7	9.5	10.1
10-min	8.9	11.6	13.4	15.1	15.7	17.2	18.5
15-min	11.6	15.0	17.3	19.5	20.2	22.1	23.7
30-min	15.6	19.6	22.3	24.9	25.7	28.0	29.8
1-hr	20.8	26.5	30.2	33.8	35.0	38.2	40.8
2-hr	28.8	38.2	44.5	50.5	52.4	57.8	62.1
6-hr	51.3	78.5	96.4	113.7	119.1	134.7	147.0
12-hr	66.9	103.1	127.0	150.0	157.3	178.1	194.4
24-hr	78.4	114.9	139.0	162.1	169.5	190.4	206.9
Median Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	5.9	7.6	8.8	10.0	10.3	11.4	12.4
10-min	10.5	13.6	16.0	18.2	18.8	20.8	22.8
15-min	13.6	17.6	20.6	23.3	24.2	26.7	29.2
30-min	18.0	22.6	26.2	29.4	30.4	33.4	36.3
1-hr	24.1	30.6	35.6	40.2	41.6	45.7	49.9
2-hr	34.3	45.2	53.5	61.1	63.3	70.2	77.1
6-hr	67.2	98.5	122.3	144.2	150.6	170.5	190.3
12-hr	88.0	129.7	161.5	190.7	199.3	225.9	252.3
24-hr	99.7	141.7	173.7	203.1	211.8	238.6	265.1
Maximum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	7.1	9.9	11.7	13.5	14.0	15.7	17.5
10-min	12.8	18.0	21.4	24.7	25.8	29.0	32.2
15-min	16.5	23.1	27.4	31.6	33.0	37.1	41.1
30-min	21.3	29.1	34.3	39.2	40.8	45.6	50.4
1-hr	28.8	39.8	47.0	54.0	56.2	63.0	69.7
2-hr	42.2	60.4	72.4	83.9	87.6	98.9	110.1
6-hr	93.6	144.0	177.4	209.3	219.5	250.8	281.8
12-hr	123.3	190.5	235.0	277.7	291.2	332.9	374.3
24-hr	130.1	200.3	246.8	291.4	305.6	349.2	392.4