

Table 1.7 Future Climate IDF Curves for Comfort Cove (8401259) – 2011-2040 Time Horizon

Minimum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	4.5	6.6	8.0	9.3	9.7	11.0	12.2
10-min	6.9	10.1	12.2	14.3	14.9	16.9	18.9
15-min	8.5	12.6	15.3	17.8	18.6	21.1	23.5
30-min	11.3	15.8	18.8	21.6	22.5	25.2	28.0
1-hr	14.1	18.9	21.9	24.9	25.8	28.7	31.6
2-hr	18.4	23.6	27.0	30.2	31.2	34.4	37.6
6-hr	30.3	37.7	42.4	47.0	48.5	53.0	57.4
12-hr	38.4	47.1	52.8	58.2	59.9	65.2	70.4
24-hr	46.1	55.9	62.2	68.3	70.3	76.2	82.1
Median Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	5.6	8.6	10.5	12.2	12.8	14.7	16.6
10-min	8.6	13.2	16.1	18.9	19.8	22.7	25.6
15-min	10.8	16.5	20.1	23.6	24.7	28.3	31.9
30-min	13.8	20.0	24.2	28.0	29.2	33.3	37.2
1-hr	16.7	23.2	27.6	31.6	32.9	37.2	41.4
2-hr	21.2	28.4	33.2	37.6	39.0	43.7	48.4
6-hr	34.2	44.5	51.2	57.5	59.5	66.1	72.7
12-hr	43.0	55.2	63.1	70.5	72.9	80.8	88.5
24-hr	51.3	64.9	73.9	82.2	84.9	93.7	102.4
Maximum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	6.6	11.2	14.3	17.2	18.1	21.0	23.8
10-min	10.2	17.3	22.1	26.6	28.1	32.5	36.9
15-min	12.7	21.6	27.5	33.1	34.9	40.5	45.9
30-min	15.9	25.8	32.4	38.7	40.6	46.8	52.9
1-hr	18.5	28.9	36.0	42.8	45.0	51.7	58.3
2-hr	23.3	34.7	42.4	49.9	52.3	59.6	66.8
6-hr	37.2	53.3	64.3	74.9	78.2	88.5	98.8
12-hr	46.6	65.6	78.6	91.1	95.0	107.2	119.3
24-hr	55.3	76.7	91.3	105.3	109.8	123.5	137.1

Table 1.8 Future Climate IDF Curves for Comfort Cove (8401259) – 2041-2070 Time Horizon

Minimum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	5.1	7.5	8.9	10.2	10.6	11.9	13.2
10-min	7.8	11.6	13.7	15.8	16.4	18.4	20.4
15-min	9.7	14.4	17.1	19.6	20.4	23.0	25.4
30-min	12.6	17.8	20.8	23.6	24.5	27.3	30.1
1-hr	15.5	20.9	24.1	27.0	28.0	30.9	33.8
2-hr	19.9	25.9	29.3	32.6	33.6	36.8	40.0
6-hr	32.4	40.9	45.7	50.4	51.9	56.4	60.9
12-hr	40.9	50.9	56.6	62.1	63.9	69.3	74.6
24-hr	48.9	60.2	66.6	72.8	74.7	80.8	86.8
Median Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	6.4	9.7	12.0	13.9	14.5	16.4	18.4
10-min	9.8	15.0	18.5	21.4	22.4	25.3	28.4
15-min	12.2	18.7	23.1	26.7	27.9	31.6	35.3
30-min	15.4	22.2	27.3	31.6	33.0	37.1	41.4
1-hr	18.4	25.6	30.9	35.4	36.8	41.2	45.7
2-hr	23.1	31.0	36.8	41.8	43.3	48.1	53.1
6-hr	37.0	48.1	56.3	63.4	65.6	72.4	79.3
12-hr	46.3	59.4	69.1	77.5	80.1	88.1	96.4
24-hr	55.0	69.8	80.6	90.1	92.9	102.0	111.3
Maximum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	9.8	15.7	19.5	23.3	24.4	28.1	31.7
10-min	15.1	24.2	30.2	36.0	37.8	43.5	49.1
15-min	18.8	30.1	37.6	44.8	47.1	54.1	61.1
30-min	22.8	35.3	43.6	51.6	54.2	62.0	69.7
1-hr	26.1	39.3	48.1	56.5	59.1	67.3	75.5
2-hr	31.6	46.0	55.6	64.8	67.7	76.7	85.7
6-hr	48.9	69.4	83.0	96.0	100.1	112.9	125.5
12-hr	60.4	84.7	100.7	116.1	120.9	136.0	150.9
24-hr	70.9	98.1	116.1	133.4	138.9	155.8	172.5

Table 1.9 Future Climate IDF Curves for Comfort Cove (8401259) – 2071-2100 Time Horizon

Minimum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	5.7	8.2	9.7	11.2	11.7	13.4	15.1
10-min	8.8	12.6	14.9	17.3	18.1	20.8	23.4
15-min	10.9	15.7	18.6	21.5	22.6	25.8	29.1
30-min	14.0	19.3	22.5	25.7	26.9	30.5	34.1
1-hr	16.9	22.5	25.9	29.2	30.5	34.3	38.1
2-hr	21.4	27.6	31.3	35.0	36.3	40.5	44.7
6-hr	34.6	43.3	48.5	53.8	55.7	61.6	67.5
12-hr	43.5	53.8	60.0	66.2	68.4	75.4	82.4
24-hr	51.8	63.3	70.3	77.3	79.9	87.7	95.5
Median Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	6.8	9.8	11.7	13.6	14.2	16.1	18.1
10-min	10.4	15.0	18.0	20.9	21.9	24.9	28.0
15-min	13.0	18.7	22.4	26.1	27.3	31.0	34.9
30-min	16.1	22.7	26.8	30.8	32.1	36.3	40.6
1-hr	18.9	26.0	30.3	34.7	36.1	40.6	45.1
2-hr	23.7	31.4	36.2	40.9	42.5	47.5	52.4
6-hr	37.8	48.8	55.5	62.2	64.5	71.4	78.4
12-hr	47.3	60.2	68.1	76.1	78.8	87.0	95.2
24-hr	56.1	70.6	79.5	88.5	91.5	100.7	110.0
Maximum Projected Precipitation Amount (mm)							
Duration	Return Interval (years)						
	2	5	10	20	25	50	100
5-min	8.6	14.8	19.2	23.5	24.9	29.1	33.3
10-min	13.3	22.8	29.8	36.4	38.6	45.1	51.6
15-min	16.6	28.4	37.1	45.4	48.0	56.1	64.2
30-min	20.2	33.4	43.0	52.2	55.2	64.2	73.2
1-hr	23.5	37.3	47.4	57.1	60.2	69.7	79.1
2-hr	28.7	43.8	54.9	65.5	68.9	79.3	89.6
6-hr	45.4	66.3	82.0	97.0	101.8	116.5	131.1
12-hr	55.9	80.9	99.5	117.3	122.9	140.3	157.6
24-hr	66.6	93.9	114.7	134.7	141.1	160.6	180.0