

Serial No.	Precipitation Indicator	Baseline 1981-2000	2015-2034 (2020s)	2045-2064 (2050s)	2080s
1	# of days/year with rainfall at or above 1 in	10	12 (10 - 15)	13 (11 - 18)	14 (12 - 18)
2	# of days/year with rainfall at or above 2 in	1	1.5 (1 - 2)	2 (1 - 3)	3 (2 - 5)
3	1-yr 24 hr. storm (in)	1.6	1.7 (1.5 - 1.8)	1.7 (1.5 - 1.8)	2 (±<1)
4	2-yr 24 hr. storm (in)	3.2	3.4 (3.2 - 3.7)	3.7 (3.5 - 3.9)	4 (4 - 5)
5	15-yr 24 hr. storm (in)	5.5	6.8 (6.0 - 7.3)	7.1 (6.7 - 7.6)	8 (4 - 9)
6	25-yr 24 hr. storm (in)	6.3	7.9 (6.8 - 8.6)	8 (7.5 - 8.8)	10 (8 - 12)
7	100-yr 24 hr. storm (in)	8.1	10.5 (8.9 - 12.4)	10.3 (9.0 - 11.9)	14 (10 - 16)
8	200-yr 24 hr. storm (in)	9	12 (10.1 - 14.7)	11.7 (9.8 - 13.6)	16 (11 - 19)
9	2-yr 6 hr. storm (in)	2.3	2.4 (±<0.1)	2.6 (2.6 - 2.7)	3 (±<1)
10	15-yr 6 hr. storm (in)	3.6	4.6 (4.3 - 4.8)	4.7 (4.6 - 4.8)	5 (4 - 6)
11	100-yr 6 hr. storm (in)	5.1	6.7 (6.5 - 6.8)	6.5 (6.4 - 6.7)	9 (7 - 10)
12	200-yr 6 hr. storm (in)	5.6	7.5 (7.2 - 7.7)	7.2 (±<0.1)	10 (8 - 11)
13	80th Percentile storm (in)	0.8	0.9 (0.1)	0.9 (0.1)	0.95 (0.1-0.15)
14	90th Percentile storm (in)	1.14	1.24 (0.1)	1.24 - 1.34 (0.1-0.2)	1.24 - 1.39 (0.1-0.25)
15	95th Percentile storm (in)	1.5	1.6 - 1.65 (0.1-0.15)	1.6 - 1.75 (0.1-0.25)	1.75 - 1.85 (0.15-0.35)

TABLE 3: Table of precipitation indicators. Ranges of indicators are shown in parentheses. Results in Serial Numbers 3 through 12 are averages of projections for Dalecarlia and the National Arboretum weather stations (Reagan excluded), and ranges shown are representative of the median for upper (RCP 8.5) and lower (RCP 4.5) projections. (Source: ATMOS study- Appendix 1-- and Kleinfelder analysis; please refer to Appendix 2 for methodology for design storms.)