

**Table 1** The 20, 50 and 80<sup>th</sup> Percentile of rainfall (mm) during the dry and wet season, annually and monthly for ET Joshua Airport, St. Vincent.

Period	20	50	80
Dry	362.2	485.3	633.8
Wet	1411.6	1612.3	1831.2
Annual	1856.6	2112.4	2390.7
January	78.9	119.7	172.7
February	52.9	83.7	124.8
March	45.2	79.3	127.4
April	42.8	76.8	125.4
May	45.7	91.2	160.6
June	116.7	184.0	273.4
July	179.1	228.1	285.2
August	160.2	220.7	294.9
September	167.3	229.2	304.9
October	165.5	253.7	369.0
November	169.2	256.6	370.2
December	103.3	161.6	238.7

**Table 2** Probability of having 25, 50, 100 and 150 mm of rainfall at least once during the dry and wet seasons, annually and monthly at ET Joshua Airport, St. Vincent.

	25	50	100	150
Dry	0.86	0.41	0.05	0.00
Wet	1.00	1.00	0.36	0.14
Annual	1.00	1.00	0.36	0.14
January	0.41	0.09	0.00	0.00
February	0.41	0.00	0.00	0.00
March	0.36	0.14	0.00	0.00
April	0.43	0.05	0.00	0.00
May	0.43	0.29	0.05	0.00
June	0.82	0.41	0.05	0.00
July	0.86	0.41	0.05	0.00
August	0.68	0.45	0.05	0.05
September	0.95	0.73	0.05	0.00
October	0.90	0.57	0.10	0.10
November	0.91	0.45	0.09	0.00
December	0.68	0.23	0.05	0.00

**Table 3.** Probability of having 25, 50, 100 and 150 mm of rainfall at least twice during the dry and wet seasons, annually and monthly at ET Joshua Airport, St. Vincent.

	25	50	100	150
Dry	0.68	0.14	0.00	0.00
Wet	1.00	0.95	0.05	0.00
Annual	1.00	0.95	0.09	0.00
January	0.18	0.00	0.00	0.00
February	0.14	0.00	0.00	0.00
March	0.09	0.00	0.00	0.00
April	0.19	0.00	0.00	0.00
May	0.33	0.05	0.00	0.00
June	0.64	0.14	0.00	0.00
July	0.55	0.09	0.00	0.00
August	0.64	0.09	0.00	0.00
September	0.82	0.32	0.00	0.00
October	0.57	0.14	0.00	0.00
November	0.68	0.27	0.00	0.00
December	0.32	0.09	0.00	0.00

**Table 4.** Probability of having 25, 50, 100 and 150 mm of rainfall at least three times during the dry and wet seasons, annually and monthly at ET Joshua Airport, St. Vincent.

	25	50	100	150
Dry	0.36	0.00	0.00	0.00
Wet	1.00	0.68	0.00	0.00
Annual	1.00	0.82	0.00	0.00
January	0.14	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00
April	0.05	0.00	0.00	0.00
May	0.19	0.00	0.00	0.00
June	0.36	0.05	0.00	0.00
July	0.23	0.05	0.00	0.00
August	0.41	0.05	0.00	0.00
September	0.55	0.09	0.00	0.00
October	0.57	0.10	0.00	0.00
November	0.55	0.09	0.00	0.00
December	0.14	0.05	0.00	0.00

**Table 5.** The 2, 10 and 50 year return periods of dry and wet season, annual and monthly rainfall (mm) at ET Joshua Airport, St. Vincent.

	2	10	50
Dry	47.4	87.2	122.2
Wet	93.9	158.4	215.0
Annual	95.5	159.1	214.8
January	26.2	55.4	80.9
February	21.6	41.3	58.6
March	23.2	60.3	92.8
April	23.5	45.6	65.0
May	27.3	72.0	111.1
June	44.9	81.8	114.1
July	42.6	83.5	119.3
August	46.5	114.6	174.3
September	55.9	88.6	117.3
October	57.1	111.4	159.0
November	54.3	99.4	138.9
December	35.2	69.0	98.7