



STAR-ORION SOUTH DIAMOND PROJECT
ENVIRONMENTAL IMPACT STATEMENT

APPENDIX 5.2.6-A

Tables

Table 1: Atmospheric Environment Service (AES) "Prince Albert A" station: Rainfall (mm)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1889	0.0	5.5	25.1	27.7	16.6	M	14.6	0.6	40.9	10.1	2.8	0.0	M
1890	0.0	0.0	0.0	0.6	41.0	97.7	70.4	61.2	23.3	53.8	3.4	0.6	352
1891	0.0	0.0	2.1	7.8	12.3	76.1	27.5	89	17.9	18.9	0.0	0.0	252
1892	0.0	0.0	1.9	5.5	31.0	53.0	73.3	42.8	29.9	8.7	0.3	0.0	246
1893	0.0	0.0	0.0	0.0	11.2	47.1	73.2	80.6	13.3	8.4	0.0	0.0	234
1894	0.0	0.0	0.0	7.9	13.2	42.0	40.1	20.1	20	1.5	3.9	0.0	149
1895	0.0	1.0	0.3	1.0	60.4	57.2	41.9	31.7	51.2	4.7	0.0	0.0	250
1896	0.0	5.5	0.0	75.5	67.0	66.9	84.8	38.4	24.4	5.5	0.0	2.8	371
1897	0.0	0.0	0.0	3.3	27.6	78.8	65.5	37	80.4	13.5	0.0	0.3	306
1898	0.0	0.0	0.0	0.0	14.7	65.2	55.8	51.3	60	45.3	0.0	0.0	292
1899	0.0	0.0	0.0	12.3	29.4	120	131.9	215	63.2	36.6	23.5	0.0	631
1900	0.0	0.0	0.0	21.5	54.1	48.7	102.5	163	51.1	29.2	3.3	0.0	474
1901	0.0	0.0	0.0	13.7	40.7	102	122.3	41.4	59.3	3.4	0.0	0.0	383
1902	0.0	0.0	13.4	0.3	132	115	60.1	54.8	19.3	3.2	0.0	0.3	398
1903	0.0	0.0	0.6	3.6	53.0	29.8	82.6	61.4	39.3	5.2	0.0	0.3	276
1904	0.0	0.0	3.3	0.6	77.0	78.1	87.3	38.2	17	21.0	0.0	0.0	323
1905	0.0	0.0	0.3	1.2	43.1	50.4	26.7	200.8	62.4	25.4	21.3	0.0	432
1906	0.0	0.0	0.0	14.8	33.2	90.0	52.9	32.1	22.6	16.7	5.5	0.0	268
1907	0.0	0.5	26.9	0.3	13.6	68.9	42.1	120.5	31.9	15.3	1.6	0.5	322
1908	0.0	0.3	0.0	22.1	26.8	168	92.1	83.1	14.9	46.7	11.0	0.0	465
1909	0.6	0.0	0.0	0.0	24.3	144	105.6	32.4	37.1	4.9	0.0	0.0	349
1910	0.0	0.0	0.0	3.1	19.7	10.4	37.8	20	22.9	5.0	0.0	0.0	119
1911	0.0	0.0	0.0	0.0	23.9	84.3	54.6	82	48.7	1.4	0.3	0.0	295
1912	0.0	0.0	0.3	7.6	50.1	73.0	144.9	75.3	58.3	1.8	0.0	0.0	411
1913	0.0	0.0	0.0	5.4	23.5	55.1	128.2	97.4	68.2	9.7	0.0	0.0	387
1914	0.0	0.0	2.8	19.4	47.7	55.1	32.7	23.7	32.2	38.6	15.6	0.0	268
1915	0.0	0.0	0.0	10.8	26.4	79.3	85.9	8.8	32.3	11.7	0.3	0.0	256
1916	0.0	1.1	0.0	27.8	119	72.3	105.9	45.9	25.1	40.5	0.0	0.0	438
1917	0.0	0.0	0.0	0.0	13.0	62.3	11	42	21.3	1.6	1.0	0.0	152
1918	0.0	0.0	1.6	34.1	15.4	71.8	35.7	78.7	12.5	10.7	4.9	3.4	269
1919	0.0	0.0	0.0	4.7	6.1	58.1	56.1	85.3	89	13.3	2.6	7.6	323
1920	0.0	0.0	0.0	4.1	41.7	99.1	24.6	72.4	53.2	28.0	6.0	0.0	329
1921	0.0	4.6	9.9	13.3	83.8	83.8	89.3	37.1	74.4	8.7	0.0	0.0	405
1922	0.0	0.0	0.0	30.3	83.3	69.9	16.3	82.1	28	27.8	0.5	0.0	338
1923	0.0	0.0	0.0	11.3	34.6	102	81.7	80.6	29	8.9	0.6	0.0	349
1924	0.3	0.0	0.0	0.0	1.9	56.6	33.7	108.7	45.4	43.2	0.7	1.8	292
1925	0.0	0.0	5.7	13.5	14.9	124	69.7	98.7	36.3	12.7	0.0	0.3	375
1926	0.3	0.3	0.6	17.7	83.4	11.3	75.2	66.7	59.2	21.1	5.2	0.3	341
1927	0.0	0.0	0.0	5.4	31.5	69.0	104.2	37.8	106.6	23.6	0.0	0.0	378
1928	0.3	0.0	4.8	0.6	26.9	47.9	43.2	33.1	7.1	17.7	0.5	0.0	182
1929	0.0	0.0	2.3	22.7	29.4	68.7	41	43.2	51.3	4.7	0.5	0.0	264
1930	0.0	0.9	3.3	9.8	39.0	112	50.2	26.6	105	15.4	0.3	0.7	363
1931	0.0	0.0	0.0	7.6	13.6	79.0	36.9	39.8	74.5	4.9	0.0	0.0	256
1932	0.3	0.0	0.0	15.4	37.4	145	131.5	70	24.7	18.0	0.0	0.0	442
1933	0.0	0.0	1.0	0.9	89.1	62.1	41.5	48.3	53.8	5.0	1.9	0.0	304
1934	0.6	0.0	0.7	12.7	25.5	185	40.6	23.9	30.8	2.6	3.7	0.0	326
1935	0.0	6.9	0.0	7.5	30.0	99.8	58.8	74.3	24	11.4	0.0	1.3	314
1936	0.0	0.0	0.7	13.8	20.8	61.2	17.9	26.8	69.5	10.7	1.3	0.0	223
1937	0.0	0.0	0.0	30.4	66.4	31.2	41	13.6	47.3	50.9	0.0	0.0	281
1938	0.0	0.0	4.2	1.3	36.5	14.0	65.4	70.2	35.7	55.6	0.0	0.0	283
1939	0.0	0.0	0.0	6.8	30.1	118	38.3	18	26.9	5.5	2.9	1.3	247
1940	0.3	0.0	0.3	1.6	63.5	76.5	31.7	17	27.4	41.3	0.0	1.3	261
1941	0.0	0.0	0.8	5.5	39.8	49.2	14.6	35.7	38.9	3.2	7.9	0.0	196
1942	2.8	0.0	0.0	40.1	41.4	194	96.5	59.7	25.3	6.8	0.0	0.0	466
1943	1.3	0.0	0.0	17.0	44.5	40.0	69.5	28.1	35.8	43.3	4.8	0.0	284
1944	0.0	0.0	0.0	9.1	59.4	36.5	123.2	47.2	14.9	10.0	3.8	0.0	304
1945	0.3	0.0	1.2	0.6	55.7	83.5	41.5	68.7	43.1	7.5	2.2	0.3	305
1946	0.0	0.0	2.9	26.7	41.9	20.8	88.1	65.2	44.2	28.3	2.6	0.0	321
1947	0.5	0.0	0.0	7.1	25.4	18.1	8.6	97.5	58.5	35.1	0.0	0.0	251
1948	0.0	0.0	0.3	24.9	42.4	73.0	55.9	96.7	17	8.9	7.0	0.5	327
1949	0.0	0.0	1.4	21.1	42.8	80.6	101	84.6	11.6	21.2	14.9	0.0	379
1950	0.0	0.0	0.0	15.4	39.2	70.7	109.3	49.7	5.8	27.5	15.5	0.3	333
1951	0.0	0.0	0.0	3.9	49.3	35.7	74.3	38.4	34.4	10.0	0.0	0.0	246
1952	0.0	0.0	0.0	0.8	76.6	76.3	95.1	77.3	38.3	11.8	9.2	0.0	385
1953	0.0	0.3	0.0	3.6	36.5	52.0	60.1	69	23.4	0.6	0.3	0.0	246
1954	0.0	0.3	0.0	1.9	52.1	84.7	113.1	158.1	54.8	15.3	13.1	0.0	494
1955	0.0	0.0	0.0	42.0	31.3	27.0	91.6	31.4	45.1	8.3	6.3	0.0	283
1956	0.0	0.3	0.0	1.4	21.9	83.0	60.3	26.1	37.1	1.6	0.3	1.5	234
1957	0.0	0.3	0.3	45.1	35.3	40.5	58.9	67.5	45.3	15.2	2.1	0.0	311
1958	2.2	0.3	13.2	42.4	33.3	28.1	71.7	25.1	64.4	12.1	1.2	1.2	295
1959	0.3	0.0	0.3	7.6	16.7	71.9	12.5	56.3	105.2	31.2	1.6	0.3	304

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1960	0.0	0.3	1.0	14.3	48.7	117.7	28.3	40.2	14	12.8	0.0	2.5	280
1961	0.0	0.6	3.8	21.2	26.6	57.5	20.7	14.2	23.9	14.7	2.2	1.2	187
1962	2.7	2.4	0.3	21.6	10.9	66.8	37.8	27.6	4.6	26.3	0.9	0.8	203
1963	0.0	2.9	0.6	24.8	22.2	121.7	107.1	43.9	41.3	26.1	0.5	0.3	391
1964	0.0	0.3	0.0	2.2	18.4	6.7	44.9	75.4	77.4	11.0	3.0	0.0	239
1965	0.0	0.9	0.0	5.6	33.3	89.7	56.8	87.5	29.4	1.1	2.1	0.0	307
1966	0.3	0.0	5.5	3.2	4.4	119.5	96.9	83.4	15.6	7.7	1.9	1.0	339
1967	0.6	0.8	0.3	1.7	6.0	30.4	77.8	34.6	15.3	10.3	5.6	0.3	184
1968	11.3	0.3	7.3	4.9	98.9	49.8	99.8	93.8	68.9	27.1	1.0	0.6	464
1969	0.3	0.0	0.3	8.1	46.3	21.8	93.3	25.1	47.3	36.9	1.2	6.3	287
1970	0.0	0.0	0.3	9.2	9.8	148.1	72.5	27.4	16.4	17.2	3.2	0.3	304
1971	0.3	1.1	0.9	1.9	14.6	88.2	176.4	41.7	42.6	8.7	1.7	0.0	378
1972	0.0	0.0	1.2	16.0	11.9	50.8	54	24.1	39.1	6.1	8.8	0.3	212
1973	0.3	0.0	1.7	23.7	37.3	168.5	94.1	46.7	66.6	13.3	0.9	3.3	457
1974	0.3	0.3	1.9	4.2	81.6	83.2	85.7	175.8	54.9	6.9	1.2	2.1	498
1975	0.8	0.0	1.1	41.0	52.9	95.7	56.9	52.2	21.8	4.4	1.0	3.7	332
1976	0.9	0.3	0.0	3.4	51.4	92.5	97.2	23.8	4.1	11.6	0.3	0.3	286
1977	0.0	2.6	1.0	3.5	157	48.6	68.1	70.1	98	6.9	5.6	0.3	461
1978	0.3	2.6	2.2	23.4	46.3	129.3	58.3	46.8	51.8	45.6	2.2	0.3	409
1979	0.0	0.0	0.6	13.8	38.9	82.7	45.1	44.7	31.7	M	0.0	0.6	M
1980	0.8	0.3	0.3	0.9	40.8	89.8	32.9	97.4	41.8	13.6	2.5	2.0	323
1981	4.7	1.2	1.4	21.5	7.7	28.7	86.3	31.1	30.3	28.4	12.2	2.6	256
1982	0.0	0.0	0.8	9.4	46.9	37.7	83.5	200.3	4.8	17.4	2.1	2.8	406
1983	1.8	0.3	1.5	4.7	15.0	61.7	87.9	40.9	108.7	10.6	25.1	0.0	358
1984	4.3	0.6	0.3	22.8	96.8	99.4	41.7	74.5	69.6	4.6	1.5	0.3	417
1985	0.7	0.6	1.0	63.2	61.2	60.2	55.8	51.7	33.9	11.3	0.3	3.8	344
1986	0.9	0.6	4.0	20.6	66.2	29.2	111.5	49.6	38.4	4.9	3.2	0.6	330
1987	0.6	0.9	3.4	14.1	23.3	65.6	183.4	75	15.8	24.8	1.6	0.3	409
1988	0.0	0.3	3.5	2.2	34.6	26.7	67	137.3	56.4	3.0	5.4	1.3	338
1989	2.0	0.0	1.0	13.2	69.6	52.7	33.3	76.1	61.7	10.3	1.8	1.8	324
1990	0.3	0.0	1.3	27.8	47.8	68.5	109.1	31.8	14.6	8.9	0.6	0.3	311
1991	1.2	0.0	0.8	61.2	42.8	110.8	45.4	18.9	20.6	5.6	2.9	0.9	311
1992	0.6	0.0	1.5	15.1	47.9	41.8	89.1	15.9	55.4	9.0	2.4	0.0	279
1993	0.3	0.0	1.8	12.5	26.2	133.6	104	41.5	51.6	12.5	0.9	0.3	385
1994	0.0	0.3	1.3	16.8	111	93.1	98.9	49.6	21.6	42.9	0.3	0.0	435
1995	1.7	0.6	6.6	33.5	18.5	33.6	42.4	106.9	5.8	41	1.2	0.6	292
1996	0.6	0.0	1.4	24.2	53.4	46.2	73.4	38.2	84	32	1.1	1.2	356
1997	0.9	1.5	0.3	15.7	28.0	98.1	26.3	79.7	40.7	32.5	8.7	2.0	334
1998	0.3	4.8	1.5	17.4	6.9	125.6	54.4	30.8	29.6	31.3	4.1	0.9	308
1999	2.6	0.3	2.5	19.1	53.1	81.8	180.2	44.6	14.3	8.1	2.6	0.6	410
2000	0.3	1.5	11.4	18.7	53.3	101.2	112.5	67.5	16.8	1.6	1.8	0.9	388
2001	0.6	0.6	2.1	27.9	21.7	40.6	70.9	8	13.3	8.9	2.7	0.3	198
2002	0.6	0.3	0.3	10.8	13.8	32.5	27.3	131.2	54.7	5.9	1.2	0.6	279
2003	0.9	0.3	3.4	4.9	29.3	50.1	108.1	42.4	21.7	17.2	0.9	0.0	279
2004	3.5	0.0	M	19.3	M	127.9	140.5	83.6	54.4	20.4	1.7	6.0	M
2005	1.7	0.0	1.2	11.0	50.3	94.0	43.9	114.2	100.5	22.7	3.2	6.4	449
2006	2.4	0.6	1.5	9.2	64.2	91.2	44.2	48.2	146.1	25.1	2.2	0.0	435
2007	0.3	0.0	4.6	8.3	73.7	134.2	63.7	84.5	51.1	16.9	2.4	M	M

TableA2: Atmospheric Environment Service (AES) "Prince Albert A" station: Snowfall (cm)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1889	20.2	41	10.4	5.5	6.8	M	0.0	0.0	0.2	0.2	17.3	13	M
1890	39.1	34	54.3	16.8	5.8	0.0	0.0	0.0	0.2	2.3	6	34.6	193.2
1891	15.0	14.9	6.2	0.5	2.3	0.0	0.0	0.0	0.8	11.5	17	5.8	74
1892	10.8	17.1	7.3	23.4	11	0.0	0.0	0.0	0.0	0.2	14.1	11.3	95.2
1893	7.2	9.6	6.6	1.2	0	0.0	0.0	0.0	0.2	20.2	2	13.1	60
1894	22.6	13.2	24.2	18.6	0	0.0	0.0	0.0	0.2	20.5	7.4	6.4	113.1
1895	47.4	9.6	7.4	9	0	0.0	0.0	0.0	0.0	6	44.8	20.7	144.9
1896	42.8	13.9	41	16.2	0	0.0	0.0	0.0	0.0	0	39.8	19.6	173.4
1897	42.8	17.8	4.6	16.5	0	0.0	0.0	0.0	0.0	3.4	50	57.5	192.4
1898	20.8	50.9	30.3	2.9	0	0.0	0.0	0.0	0.0	7.2	24.5	8	144.6
1899	53.4	1.4	50.4	16.1	26	0.0	0.0	0.0	0.0	5.8	8.3	22.3	183.8
1900	26.3	21.8	13.3	10.9	0	0.0	0.0	0.0	1.6	8.1	13.1	46.3	141.4
1901	9.1	28.4	65.4	0.4	0	0.0	0.0	0.0	16.2	0	21.1	9.4	149.9
1902	7.2	26.6	15.4	16.5	0.4	0.0	0.0	0.0	0.0	1.7	83.1	3.4	154.3
1903	16.1	6	42.3	35.2	5.8	0.0	0.0	0.0	21.7	24.5	31.4	11.4	194.3
1904	9.9	34	66.9	0.2	0	0.0	0.0	0.0	0.0	0	14.2	14.9	140.1
1905	5.5	8.8	11.3	9.5	0	0.0	0.0	0.0	0.0	24.4	16.2	19.9	95.8
1906	41.2	25.2	0.2	0	0.4	0.0	0.0	0.0	0.0	0	38.8	71	176.8
1907	19.5	12.2	22.6	14.8	20	0.0	0.0	0.0	1.1	0	3	13.8	107
1908	11.1	57.6	10.3	4.3	0	0.0	0.0	0.0	0.0	0	21.8	49	154
1909	21.1	21	15.4	25.6	0	0.0	0.0	0.0	0.0	5.5	38.1	51.8	178.5
1910	9.7	12.2	9.2	8.3	0	0.0	0.0	0.0	0.0	0.4	33	49.2	122
1911	54.5	11.6	3.6	19.7	15.2	0.0	0.0	0.0	0.0	1.2	61.3	30.2	197.1
1912	0.0	2.7	25.7	0	0	0.0	0.0	0.0	0.0	13.6	24.9	28.9	95.8
1913	22.6	22.1	16.7	0	0	0.0	0.0	0.0	0.0	14.4	8.4	3.4	87.7
1914	19.5	2.2	14.2	17.6	21.7	0.0	0.0	0.0	0.0	0	14.6	15.3	105.1
1915	3.2	6.8	0.4	0	0	0.0	0.0	0.0	0.4	0.4	30.6	31.3	73
1916	26.2	0.9	26.7	6.5	0	0.0	0.0	0.0	2.7	11.7	18	7	99.6
1917	31.7	3	24.9	28.2	8.1	0.0	0.0	0.0	0.0	19	0	26.3	141.2
1918	24.6	3.8	22.1	10.4	22	0.0	0.0	0.0	0.0	1.3	8.8	13	106
1919	25.5	4.8	22.2	0	0	0.0	0.0	0.0	0.0	7.7	26.2	14.4	100.8
1920	30.2	23.3	36.4	5.8	0	0.0	0.0	0.0	0.0	1.1	17.9	13.3	128
1921	29.6	45.2	64.1	72	10.9	0.0	0.0	0.0	7.6	0	51.4	11	291.7
1922	17.8	14.7	42.7	2	1.9	0.0	0.0	0.0	0.0	2.3	1.6	11.9	94.9
1923	12.4	2.4	9.1	20.6	0.3	0.0	0.0	0.0	0.0	0.4	7	8.8	61
1924	16.5	8.4	9.4	22.7	0.2	0.0	0.0	0.0	0.2	3.6	16.8	12.8	90.6
1925	12.0	9.5	7.2	12.2	0	0.0	0.0	0.0	0.0	6.9	5.9	1.8	55.4
1926	6.3	11.1	2	0.5	0	0.0	0.0	0.0	2.5	22.5	17.2	13.9	76
1927	6.4	11.6	39.9	30.1	0	0.0	0.0	0.0	10.6	1.3	19.5	15	134.4
1928	3.4	5.1	6.9	12.6	0	0.0	0.0	0.0	0.0	0.5	1	11.4	40.9
1929	11.4	15.6	20.6	51	1.1	0.0	0.0	0.0	0.0	0.3	23	30.6	153.5
1930	12.3	14.3	31.5	9.1	0	0.0	0.0	0.0	0.0	55.1	6.7	4.5	133.5
1931	19.0	4.6	25.2	1	4.6	0.0	0.0	0.0	0.0	0.2	27.2	36.7	118.3
1932	13.6	8.8	25.7	13.5	0	0.0	0.0	0.0	0.0	11.6	19.5	27.9	120.6
1933	26.5	16.8	19.8	13.7	0	0.0	0.0	0.0	0.0	24	32.9	44.9	178.6
1934	6.7	4.6	21.8	17.4	0.3	0.0	0.0	0.2	0.4	2.9	23	25.3	102.6
1935	19.2	5.2	14.7	39.9	0	0.0	0.0	0.0	0.0	37.7	19.1	14.8	150.6
1936	27.3	8.4	11.1	4.8	0	0.0	0.0	0.0	0.0	18.5	11.3	38.7	120.2
1937	19.4	20.3	8.7	2.6	0	0.0	0.0	0.0	0.0	5.8	45.6	24.9	127.3
1938	29.5	18.6	15	13.8	2	0.0	0.0	0.0	0.0	0	49.7	17.3	145.9
1939	21.6	13.5	12.2	21.2	0	0.0	0.0	0.0	0.5	14.7	22.4	47.1	153.3
1940	8.7	10.6	10.3	0.4	0	0.0	0.0	0.0	0.0	10.9	54.9	36	131.6
1941	25.5	25.9	10.2	14.1	0.6	0.0	0.0	0.0	0.3	8.2	19.1	7.8	111.7
1942	7.5	40.4	31	36.2	1.8	0.2	0.0	0.0	0.3	6.3	55.8	34.4	213.8
1943	17.2	20	17.9	1	0	0.2	0.0	0.0	0.0	1.2	13.9	16.3	87.7
1944	9.1	21.9	15.5	18.4	0	0.0	0.0	0.0	0.4	0	21.5	13	99.8
1945	11.1	19.9	13.1	49.6	6.9	6.4	0.0	0.0	1.1	3.8	25.8	19.5	157.1
1946	22.6	23.3	11.1	0.6	9.3	0.0	0.0	0.0	0.0	11.4	20.2	22.1	120.5
1947	36.3	6.5	16.8	13.2	0.2	0.0	0.0	0.0	0.0	0	38.8	31.4	143.2
1948	23.3	35.7	17.4	28.7	0	0.0	0.0	0.0	0.0	1.2	38.2	20	164.3
1949	23.6	33.2	20.3	4.2	1.8	0.0	0.0	0.0	0.0	3.8	23.3	32.4	142.6
1950	25.5	32.7	3.1	21.3	0	0.0	0.0	0.0	15.5	27.7	40.3	46.9	213
1951	14.9	14.4	52	12.7	22.6	0.0	0.0	0.0	18.4	33.2	33.7	7.7	209.5
1952	11.6	5.6	16.8	0.9	1.8	0.0	0.0	0.0	0.0	4.2	14.2	17.3	72.4
1953	41.8	24.4	67.7	12.3	3.6	0.0	0.0	0.0	0.0	3.4	17.4	51.9	222.4
1954	45.0	28.4	12.1	56.6	31.1	0.0	0.0	0.0	2.8	7.3	19	8.3	210.5
1955	29.6	14.1	42.2	41.1	12.7	0.0	0.0	0.0	0.6	21.9	45.5	51.7	259.4
1956	29.1	30.8	44.2	10	0.2	0.0	0.0	0.0	0.4	9.2	18.4	25.1	167.3
1957	24.6	6.5	29.9	8	0.2	0.0	0.0	0.0	0.2	2.6	20.8	22.6	115.3
1958	23.4	43.9	11.8	12.1	0	0.0	0.0	0.0	5.7	15.7	23.3	49.1	185
1959	22.8	14	14.5	7.8	2.4	0.0	0.0	0.0	0.0	31	17.5	20.9	130.9

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1960	14.2	9.5	29.3	2.3	0.6	0.0	0.0	0.0	0.4	11	26	32.5	125.9
1961	5.9	42.3	51	25.7	4.2	0.0	0.0	0.0	14.6	19.1	37.2	38.6	238.8
1962	30.9	11.1	26.3	2.2	3.1	0.0	0.0	0.0	0.0	2.2	14	32.1	121.9
1963	21.9	14.2	28.2	13.1	2	0.0	0.0	0.0	5.4	0.2	20.8	22	127.8
1964	23.4	34.6	16	3.5	0	0.0	0.0	0.0	1.0	17	18.5	20.9	134.9
1965	14.0	55.5	12.5	7.4	0.2	0.0	0.0	0.0	0.6	0.2	30.2	16.3	136.8
1966	28.3	23.2	30	13.2	2.6	0.0	0.0	0.0	0.0	0.8	34.1	40.4	172.6
1967	21.5	13.9	20.8	15.9	0.8	0.0	0.0	0.0	0.0	24.3	16.3	51.1	164.6
1968	12.3	10.7	12.9	19.6	0.4	0.0	0.0	0.0	0.0	2.8	14	46.7	119.4
1969	45.6	21.7	12.3	4.8	2.2	0.0	0.0	0.0	9.5	66.9	13.7	37.2	213.8
1970	20.9	25.4	24.3	31.3	0.2	0.0	0.0	0.0	0.4	18.8	33.3	33.3	187.9
1971	33.4	6.8	14.2	3	0	0.0	0.0	0.0	0	7.4	20.6	33.2	118.6
1972	28.2	24.4	31	20.5	0	0.0	0.0	0.0	5.3	2.5	26.3	19.8	158
1973	18.2	27.3	5.1	17.4	0	0.0	0.0	0.0	3	5.9	45.7	45	167.6
1974	39	23.4	24.7	2.8	22.6	0.0	0.0	0.0	13.3	0	7.4	22.9	156
1975	42.5	15.9	22	18.8	0	0.0	0.0	0.0	0	19.1	12.3	23.2	153.7
1976	13.9	28.4	20.4	5.4	0	0.0	0.0	0.0	0	3	13.6	34.4	119.1
1977	14	9.4	22.4	8	0.2	0.0	0.0	0.0	0	5.5	17.8	33.8	111
1978	11.9	6.8	15.1	19.2	0.2	0.0	0.0	0.0	0	0	36.1	23	112.2
1979	13.3	33.8	25.5	24.3	6.5	0.0	0.0	0.0	0		9.5	34.1	M
1980	24.8	18.9	23.3	0.6	0.2	0.0	0.0	0.0	2.8	4.7	15.4	23.5	114.2
1981	11	3.3	19.8	27.7	0	0.0	0.0	0.0	0	25.2	3.6	20.3	110.8
1982	21.5	7.9	13.6	6.5	11.5	0.0	0.0	0.0	25.2	1.6	15.5	17.6	120.8
1983	24.1	13.9	42.4	41	20	0.0	0.0	0.0	0.2	1.6	26.5	13.7	183.5
1984	12.2	16.2	26.3	1.2	9.3	0.0	0.0	0.0	14.8	67.1	35.4	20.4	202.9
1985	19.1	32.9	32.8	6.5	2.6	0.2	0.0	0.0	1.8	13.1	18.2	19.3	146.7
1986	32.1	6.8	42.8	3.8	5.9	0.0	0.0	0.0	0	1.5	19.1	23.3	135.3
1987	24.1	26.3	41.7	2.6	0	0.0	0.0	0.0	0	11.9	2.8	39.2	148.5
1988	23.9	17.2	68.8	4.9	0.2	0.0	0.0	0.0	5.8	17.7	7.2	11.4	157.1
1989	17.9	11.9	18.5	2.6	0.2	0.0	0.0	0.0	0.7	9.5	40.1	30.5	131.8
1990	36.4	23.1	6.3	35	11.5	0.0	0.0	0.0	0	10	48.1	21	191.4
1991	16.9	38.9	8.6	1.1	3.8	0.0	0.0	0.0	1.2	74.6	15.8	24.5	185.5
1992	25.7	9.8	2.9	8.3	7.4	0.4	0.0	0.0	0.2	8.7	32	30.8	126.2
1993	12.6	6.4	3.4	16.2	0	0.0	0.0	0.0	0.2	1.3	24.2	20.8	85.1
1994	36.5	20.6	9.7	5.3	1.2	0.0	0.0	0.0	0	0	30.4	33	136.7
1995	31.1	33.5	31.3	25.1	0	0.0	0.0	0.0	1.1	6.4	42.2	39.5	210.1
1996	10.7	8.1	9.9	44.8	7.6	0.0	0.0	0.0	0.4	3.2	21.5	22.7	128.9
1997	44.3	17.9	32.2	42.8	0.7	0.0	0.0	0.0	0	5.7	3.6	17.6	164.7
1998	45.5	13.3	14	0.2	0	0.2	0.0	0.0	0	67.9	7.6	23.5	172.2
1999	32	12.9	7.9	8.7	9.1	0.0	0.0	0.0	0	24.1	15.8	28.4	138.9
2000	41.4	9.3	9	8.2	0	0.0	0.0	0.0	0.6	0.4	10.7	26.1	105.7
2001	14.6	17.4	7	12.8	0.5	0.0	0.0	0.0	0	0.6	9.9	17.7	80.6
2002	28.5	16.9	20.7	13	5.2	0.0	0.0	0.0	0	15.2	10.5	24.2	134.1
2003	11.6	24	13.3	25.1	0.2	0.0	0.0	0.0	0	2.3	15	12.1	103.6
2004	33.4	29.4	M	5.6	M	0.0	0.0	0.0	0.5	27	7.3	47.2	M
2005	27.6	30.9	29.2	8.6	0.4	0.0	0.0	0.0	0	0	15.8	33	145.5
2006	19	23.9	86.3	0	2.1	0.0	0.0	0.0	0	2.6	53.2	27.1	214.3
2007	39.1	23.9	35.5	2.6	0.2	0.0	0.0	0.0	0	0.5	49.5	M	M

Table 3: Atmospheric Environment Service (AES) “Prince Albert A” station: Total precipitation (mm)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1889	20.2	46.5	35.5	33.1	23.5	M	14.6	0.6	41.1	10.3	20.1	13.0	M
1890	39.1	34.0	54.3	17.4	46.8	97.7	70.4	61.2	23.5	56.1	9.4	35.2	545.2
1891	15.0	14.9	8.3	8.3	14.6	76.1	27.5	89.0	18.8	30.3	17.0	5.8	325.7
1892	10.8	17.1	9.1	28.9	42.0	53.0	73.3	42.8	29.9	8.8	14.4	11.3	341.5
1893	7.2	9.6	6.6	1.2	11.2	47.1	73.2	80.6	13.5	28.6	2.0	13.1	293.9
1894	22.6	13.2	24.2	26.5	13.2	42.0	40.1	20.1	20.2	22.0	11.3	6.4	261.8
1895	47.4	10.6	7.7	10.0	60.4	57.2	41.9	31.7	51.2	10.7	44.8	20.7	394.4
1896	42.8	19.4	41.0	91.7	67.0	66.9	84.8	38.4	24.4	5.5	39.8	22.4	544
1897	42.8	17.8	4.6	19.8	27.6	78.8	65.5	37.0	80.4	16.9	50.0	57.8	498.8
1898	20.8	50.9	30.3	2.9	14.7	65.2	55.8	51.3	60.0	52.5	24.5	8.0	436.8
1899	53.4	1.4	50.4	28.4	55.4	119.5	131.9	215.0	63.2	42.4	31.8	22.3	815.1
1900	26.3	21.8	13.3	32.4	54.1	48.7	102.5	163.0	52.7	37.3	16.5	46.3	614.9
1901	9.1	28.4	65.4	14.0	40.7	102.4	122.3	41.4	75.5	3.4	21.1	9.4	533.1
1902	7.2	26.6	28.9	16.8	132.2	115.0	60.1	54.8	19.3	4.9	83.1	3.7	552.6
1903	16.1	6.0	42.9	38.9	58.8	29.8	82.6	61.4	61.0	29.7	31.4	11.7	470.2
1904	9.9	34.0	70.3	0.8	77.0	78.1	87.3	38.2	17.0	21.0	14.2	14.9	462.8
1905	5.5	8.8	11.6	10.7	43.1	50.4	26.7	200.8	62.4	49.8	37.6	19.9	527.3
1906	41.2	25.2	0.2	14.8	33.6	90.0	52.9	32.1	22.6	16.7	44.3	71.0	444.5
1907	19.5	12.7	49.5	15.2	33.7	68.9	42.1	120.5	32.9	15.3	4.6	14.4	429.3
1908	11.1	57.9	10.3	26.3	26.8	167.7	92.1	83.1	14.9	46.7	32.8	49.0	618.8
1909	21.7	21.0	15.4	25.6	24.3	143.7	105.6	32.4	37.1	10.4	38.1	51.8	527.1
1910	9.7	12.2	9.2	11.4	19.7	10.4	37.8	20.0	22.9	5.4	33.0	49.2	240.9
1911	54.5	11.6	3.6	19.7	39.1	84.3	54.6	82.0	48.7	2.7	61.6	30.2	492.4
1912	0.0	2.7	26.0	7.6	50.1	73.0	144.9	75.3	58.3	15.3	24.9	28.9	507.2
1913	22.6	22.1	16.7	5.4	23.5	55.1	128.2	97.4	68.2	24.1	8.4	3.4	475.1
1914	19.5	2.2	17.0	37.0	69.3	55.1	32.7	23.7	32.2	38.6	30.3	15.3	372.9
1915	3.2	6.8	0.4	10.8	26.4	79.3	85.9	8.8	32.7	12.1	30.9	31.3	328.5
1916	26.2	1.9	26.7	34.3	118.8	72.3	105.9	45.9	27.8	52.2	18.0	7.0	537.1
1917	31.7	3.0	24.9	28.2	21.1	62.3	11.0	42.0	21.3	20.6	1.0	26.3	293.5
1918	24.6	3.8	23.6	44.4	37.5	71.8	35.7	78.7	12.5	12.0	13.7	16.4	374.7
1919	25.5	4.8	22.2	4.7	6.1	58.1	56.1	85.3	89.0	21.0	28.8	22.0	423.6
1920	30.2	23.3	36.4	9.8	41.7	99.1	24.6	72.4	53.2	29.1	24.0	13.3	457.2
1921	29.6	49.8	74.0	85.3	94.7	83.8	89.3	37.1	81.9	8.7	51.4	11.0	696.6
1922	17.8	14.7	42.7	32.3	85.2	69.9	16.3	82.1	28.0	30.1	2.1	11.9	433.2
1923	12.4	2.4	9.1	32.0	34.9	101.9	81.7	80.6	29.0	9.3	7.6	8.8	409.6
1924	16.8	8.4	9.4	22.7	2.1	56.6	33.7	108.7	45.6	46.8	17.5	14.6	382.9
1925	12.0	9.5	12.9	25.6	14.9	123.5	69.7	98.7	36.3	19.5	5.9	2.1	430.5
1926	6.6	11.4	2.6	18.2	83.4	11.3	75.2	66.7	61.7	43.6	22.4	14.2	417.2
1927	6.4	11.6	39.9	35.5	31.5	69.0	104.2	37.8	117.2	24.9	19.5	15.0	512.5
1928	3.7	5.1	11.7	13.2	26.9	47.9	43.2	33.1	7.1	18.3	1.5	11.4	223.1
1929	11.4	15.6	22.9	73.6	30.5	68.7	41.0	43.2	51.3	5.0	23.5	30.6	417.4
1930	12.3	15.2	34.9	18.9	39.0	112.0	50.2	26.6	105.0	70.5	7.0	5.2	496.8
1931	19.0	4.6	25.2	8.7	18.2	79.0	36.9	39.8	74.5	5.1	27.2	36.7	374.6
1932	13.9	8.8	25.7	29.0	37.4	144.7	131.5	70.0	24.7	29.6	19.5	27.9	562.5
1933	26.5	16.8	20.8	14.6	89.1	62.1	41.5	48.3	53.8	29.0	34.9	44.9	482.3
1934	7.3	4.6	22.6	30.1	25.8	184.5	40.6	24.1	31.2	5.5	26.6	25.3	428.1
1935	19.2	12.0	14.7	47.5	30.0	99.8	58.8	74.3	24.0	49.1	19.1	16.1	464.4
1936	27.3	8.4	11.8	18.6	20.8	61.2	17.9	26.8	69.5	29.2	12.6	38.7	342.8
1937	19.4	20.3	8.7	33.0	66.4	31.2	41.0	13.6	47.3	56.7	45.6	24.9	408.1
1938	29.5	18.6	19.2	15.2	38.4	14.0	65.4	70.2	35.7	55.6	49.7	17.3	428.7
1939	21.6	13.5	12.2	28.0	30.1	117.6	38.3	18.0	27.4	20.2	25.3	48.3	400.5
1940	9.0	10.6	10.6	1.9	63.5	76.5	31.7	17.0	27.4	52.2	54.9	37.3	392.5
1941	25.5	25.9	11.0	19.5	40.4	49.2	14.6	35.7	39.2	11.4	27.0	7.8	307.3
1942	10.3	40.4	31.0	76.3	43.2	193.9	96.5	59.7	25.6	13.1	55.8	34.4	680.3
1943	18.5	20.0	17.9	18.1	44.5	40.2	69.5	28.1	35.8	44.5	18.6	16.3	371.8
1944	9.1	21.9	15.5	27.5	59.4	36.5	123.2	47.2	15.3	10.0	25.3	13.0	404
1945	11.4	19.9	14.3	50.2	62.7	89.8	41.5	68.7	44.2	11.3	27.9	19.8	461.6
1946	22.6	23.3	14.0	27.3	51.2	20.8	88.1	65.2	44.2	39.7	22.8	22.1	441.2
1947	36.9	6.5	16.8	20.3	25.6	18.1	8.6	97.5	58.5	35.1	38.8	31.4	394.1
1948	23.3	35.7	17.7	53.6	42.4	73.0	55.9	96.7	17.0	10.1	45.2	20.5	491.1
1949	23.6	33.2	21.6	25.2	44.6	80.6	101.0	84.6	11.6	25.1	38.3	32.4	521.7
1950	25.5	32.7	3.1	36.7	39.2	70.7	109.3	49.7	21.3	55.2	55.8	47.2	546.4
1951	14.9	14.4	52.0	16.6	71.9	35.7	74.3	38.4	52.8	43.2	33.7	7.7	455.5
1952	11.6	5.6	16.8	1.8	78.4	76.3	95.1	77.3	38.3	15.9	23.3	17.3	457.8
1953	41.8	24.7	67.7	15.9	40.1	52.0	60.1	69.0	23.4	4.0	17.7	51.9	468.1
1954	45.0	28.7	12.1	58.5	83.2	84.7	113.1	158.1	57.5	22.6	32.1	8.3	704.1
1955	29.6	14.1	42.2	83.1	43.9	27.0	91.6	31.4	45.7	30.3	51.8	51.7	542.3
1956	29.1	31.1	44.2	11.3	22.2	83.0	60.3	26.1	37.5	10.8	18.7	26.6	400.8
1957	24.6	6.8	30.2	53.0	35.5	40.5	58.9	67.5	45.5	17.8	22.9	22.6	425.8
1958	25.6	44.2	25.0	54.5	33.3	28.1	71.7	25.1	70.2	27.8	24.5	50.3	480.3
1959	23.1	14.0	14.8	15.4	19.1	71.9	12.5	56.3	105.2	62.2	19.1	21.2	434.9

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1960	14.2	9.8	30.3	16.6	49.3	117.7	28.3	40.2	14.3	23.8	26.0	35.0	405.7
1961	5.9	42.9	54.8	46.9	30.8	57.5	20.7	14.2	38.6	33.8	39.4	39.8	425.3
1962	33.6	13.5	26.6	23.8	14.0	66.8	37.8	27.6	4.6	28.4	14.9	32.9	324.5
1963	21.9	17.1	28.8	37.9	24.2	121.7	107.1	43.9	46.7	26.3	21.3	22.3	519.1
1964	23.4	34.9	16.0	5.7	18.4	6.7	44.9	75.4	78.4	28.1	21.5	20.9	374.3
1965	14.0	56.4	12.5	13.0	33.6	89.7	56.8	87.5	30.0	1.3	32.3	16.3	443.3
1966	28.6	23.2	35.4	16.3	7.0	119.5	96.9	83.4	15.6	8.6	36.0	41.5	511.9
1967	22.1	14.7	21.1	17.6	6.8	30.4	77.8	34.6	15.3	34.6	21.8	51.4	348.3
1968	23.6	11.0	20.3	24.5	99.3	49.8	99.8	93.8	68.9	29.8	15.1	47.3	583
1969	45.9	21.7	12.6	12.9	48.4	21.8	93.3	25.1	56.7	103.8	14.9	43.5	500.7
1970	20.9	25.4	24.6	40.5	10.0	148.1	72.5	27.4	16.8	36.0	36.5	33.6	492.3
1971	33.7	7.9	15.1	4.9	14.6	88.2	176.4	41.7	42.6	16.1	22.3	33.2	496.7
1972	28.2	24.4	32.2	36.5	11.9	50.8	54.0	24.1	44.5	8.6	35.1	20.1	370.4
1973	18.5	27.3	6.9	41.1	37.3	168.5	94.1	46.7	69.5	19.2	46.6	48.3	624.1
1974	39.3	23.7	26.6	7.0	104.2	83.2	85.7	175.8	68.2	6.9	8.6	25.0	654.1
1975	43.4	15.9	23.1	59.8	52.9	95.7	56.9	52.2	21.8	23.5	13.3	26.9	485.4
1976	14.8	28.7	20.4	8.8	51.4	92.5	97.2	23.8	4.1	14.6	13.9	34.7	404.7
1977	14.0	12.0	23.4	11.4	156.7	48.6	68.1	70.1	98.0	12.4	23.4	34.1	572.1
1978	12.2	9.3	17.3	42.6	46.5	129.3	58.3	46.8	51.8	45.6	38.3	23.3	521.3
1979	13.3	33.8	26.1	38.1	45.4	82.7	45.1	44.7	31.7	M	9.5	34.7	M
1980	25.6	19.2	23.6	1.5	41.0	89.8	32.9	97.4	44.6	18.4	17.8	25.4	437.3
1981	15.7	4.6	21.2	49.2	7.7	28.7	86.3	31.1	30.3	53.6	15.8	22.8	366.9
1982	21.5	7.9	14.5	15.9	58.4	37.7	83.5	200.3	30.0	19.0	17.6	20.5	526.6
1983	25.9	14.2	43.9	45.7	35.1	61.7	87.9	40.9	109.0	12.3	51.6	13.7	541.8
1984	16.5	16.8	26.6	24.0	106.1	99.4	41.7	74.5	84.4	71.7	36.9	20.7	619.4
1985	19.9	33.5	33.9	69.7	63.8	60.5	55.8	51.7	35.7	24.3	18.5	23.1	490.4
1986	33.0	7.4	46.7	24.4	72.1	29.2	111.5	49.6	38.4	6.4	22.3	23.9	464.9
1987	24.7	27.2	45.1	16.7	23.3	65.6	183.4	75.0	15.8	36.8	4.4	39.5	557.4
1988	23.9	17.5	72.3	7.1	34.8	26.7	67.0	137.3	62.1	20.7	12.6	12.8	494.9
1989	19.9	11.9	19.5	15.8	69.8	52.7	33.3	76.1	62.4	19.8	41.9	32.3	455.3
1990	36.7	23.1	7.6	62.8	59.3	68.5	109.1	31.8	14.6	18.8	48.7	21.3	502.3
1991	18.2	38.9	9.4	62.3	46.6	110.8	45.4	18.9	21.8	80.3	18.7	25.4	496.8
1992	26.3	9.8	4.4	23.4	55.3	42.3	89.1	15.9	55.7	17.6	34.4	30.8	405
1993	12.9	6.4	5.3	28.6	26.2	133.6	104.0	41.5	51.8	13.8	25.1	21.1	470.3
1994	36.5	20.9	11.0	22.1	111.7	93.1	98.9	49.6	21.6	42.9	30.7	33.0	571.9
1995	32.7	34.1	37.9	58.6	18.5	33.6	42.4	106.9	6.9	47.4	43.4	40.1	502.4
1996	11.3	8.1	11.2	69.0	61.1	46.2	73.4	38.2	84.4	35.2	22.6	23.9	484.6
1997	45.2	19.4	32.5	58.5	28.6	98.1	26.3	79.7	40.7	38.2	12.3	19.5	499.1
1998	45.8	18.0	15.5	17.6	6.9	125.8	54.4	30.8	29.6	99.2	11.7	24.5	479.8
1999	34.6	13.2	10.4	27.9	62.3	81.8	180.2	44.6	14.3	32.2	18.4	29.0	548.7
2000	41.7	10.8	20.4	26.8	53.3	101.2	112.5	67.5	17.4	2.1	12.5	27.0	493.2
2001	15.2	18.0	9.1	40.8	22.2	40.6	70.9	8.0	13.3	9.5	12.6	18.0	278.1
2002	29.1	17.2	21.0	23.7	19.1	32.5	27.3	131.2	54.7	21.1	11.7	24.8	413.3
2003	12.5	24.3	16.7	30.0	29.6	50.1	108.1	42.4	21.7	19.5	15.9	12.1	382.8
2004	36.9	29.4	M	24.9	M	127.9	140.5	83.6	54.8	47.4	9.0	53.2	M
2005	29.3	30.9	30.4	19.5	50.7	94.0	43.9	114.2	100.5	22.7	19.0	39.5	594.4
2006	21.4	24.5	87.8	9.2	66.3	91.2	44.2	48.2	146.1	27.8	55.4	27.1	649.3
2007	39.4	23.9	40.1	10.9	73.9	134.2	63.7	84.5	51.1	17.3	51.9	M	M