

**Table 1: Summary of the instruments and their calibration information**

<b>Instrument</b>	<b>Period of Operation</b>	<b>Calibration Information</b>
Instrument 3719	January 2007 – March 2016	Solar Light – June 2006
Instrument 1103	April 2016 – December 2016	Solar Light – June 2006
<b>Inter-comparison Instruments</b>	<b>Inter-comparison Date</b>	<b>Calibration Information</b>
Instruments 3719 and 12010	October 2012	12010: DWD – August 2012
Instruments 3719 and 2722	January 2014	2722: DWD – July 2013
Instruments 1103 and 12010	November 2016	12010: Solar Light – June 2015

**Table 2. The correlation statistics for amount of ozone and *UVI* at Cape Point on clear-sky days** (\*indicates  $R^2$  values were statistically significant at a 95 % confidence interval).

<b>SZA (°)</b>	<b>TOC: <math>R^2</math> Expo fit</b>	<b>SCO: <math>R^2</math> Expo fit</b>	<b>RAF</b>
15	0.25*	0.18*	1.60
20	0.26*	0.23*	0.19
25	0.45*	0.53*	0.26
30	0.28*	0.20*	0.82
35	0.21*	0.11*	0.15
40	0.30*	0.30*	0.42
45	0.26*	0.29*	0.69
<b>Average</b>			<b>0.59</b>

**Table 3. Identified low-ozone events on clear-sky days at Cape Point during spring and summer months and the percentage decrease calculated from the relative climatological monthly mean (\* indicates whether the low-ozone event was due to low TOC and/or low SCO values).**

<b>Date</b>	<b>TOC (DU)</b>	<b>SCO (DU)</b>	<b>Decrease TOC (%)</b>	<b>Decrease SCO (%)</b>	<b>Increase UVI (%)</b>
30 Jan 2009	253.5*	210.4*	6.1	10.1	30.4
6 Feb 2009	253.9*	222.2*	5.0	4.5	36.2
15 Feb 2009	254.6*	228.3	4.7	1.9	34.2
28 Feb 2011	255.7*	223.2*	4.3	4.1	6.8
16 Jan 2012	268.2	221.9*	0.6	5.1	21.2
8 Feb 2012	257.0*	227.5	3.8	2.2	31.7
13 Nov 2012	256.6*	228.8	13.3	13.3	46.5
14 Nov 2012	261.3*	234.6	11.7	11.1	42.1
6 Sep 2013	265.0*	241.3*	12.7	11.6	22.3
9 Nov 2013	282.3	229.0*	4.6	13.3	21.9
1 Sep 2014	274.7*	223.9*	9.5	18.0	-2.5
2 Sep 2014	258.4*	231.2*	14.9	15.3	-2.3
9 Sep 2014	284.0*	232.3*	6.4	14.9	-5.5
11 Jan 2016	270.6	221.9*	-0.3	5.1	-7.9