

**WAMBO COAL  
ENVIRONMENTAL REPORTING  
1 AUGUST – 31 DECEMBER 2016**

31 December 2016

Table 1 - WCPL Surface and Mine Water Dam Results

Site	Date	pH	EC (µS/cm)	TSS (mg/L)	Comments
SW01	Aug-16	7.6	650	6	
	Sep-16	7.6	704	<5	
	Oct-16	7.4	784	6	
	Nov-16	7.9	833	5	
	Dec-16	7.7	838	10	
SW02	Aug-16	7.7	625	<5	
	Sep-16	7.8	729	<5	
	Oct-16	7.7	817	8	
	Nov-16	8.3	905	9	
	Dec-16	7.9	930	<5	
SW03	Aug-16	7.7	640	10	
	Sep-16	8.0	698	6	
	Oct-16	7.5	747	11	
	Nov-16	7.9	884	8	
	Dec-16	7.6	899	14	
SW04	Aug-16				Dry
	Sep-16				Dry
	Oct-16				Dry
	Nov-16				Dry
	Dec-16				Dry
SW05	Aug-16				Dry
	Sep-16				Dry
	Oct-16				Dry
	Nov-16				Dry
	Dec-16				Dry
SW06	Aug-16				Dry
	Sep-16				Dry
	Oct-16				Dry
	Nov-16				Dry
	Dec-16				Dry
SW07	Aug-16	7.8	785	6	
	Sep-16				Dry
	Oct-16				Dry
	Nov-16				Dry
	Dec-16				Dry
SW08	Aug-16				Dry
	Sep-16				Dry
	Oct-16				Dry
	Nov-16				Dry
	Dec-16				Dry

Site	Date	pH	EC ( $\mu\text{S}/\text{cm}$ )	TSS (mg/L)	Comments
SW12	Aug-16	8.9	6530		
	Sep-16	8.9	6910		
	Oct-16	9.0	7080		
	Nov-16	8.9	6500		
	Dec-16	8.4	8060		
SW14	Aug-16				No access
	Sep-16	8.9	736		
	Oct-16				No access
	Nov-16				No access
	Dec-16	9.1	1380		
SW15	Aug-16	9.1	4890		
	Sep-16	9.1	5190		
	Oct-16	9.1	5530		
	Nov-16	9.0	6700		
	Dec-16	8.6	941		
SW20	Aug-16				Dry
	Sep-16				Dry
	Oct-16				Dry
	Nov-16				Dry
	Dec-16				Dry
SW27	Aug-16				Dry
	Sep-16	8.1	698	240	
	Oct-16				Dry
	Nov-16				Dry
	Dec-16				Dry
SW30	Aug-16				Mined out
	Sep-16				Mined out
	Oct-16				Mined out
	Nov-16				Mined out
	Dec-16				Mined out
SW31	Aug-16	9.3	4970		
	Sep-16	9.3	5120		
	Oct-16	9.1	5890		
	Nov-16	9.0	6800		
	Dec-16	9.0	917		
SW32a	Aug-16				Dry
	Sep-16	7.9	574	260	
	Oct-16				Dry
	Nov-16				Dry
	Dec-16				Dry
SW38	Aug-16	9.1	4970		

Site	Date	pH	EC ( $\mu\text{S}/\text{cm}$ )	TSS (mg/L)	Comments
	Sep-16	9.1	5080		
	Oct-16	9.1	5220		
	Nov-16	9.1	6080		
	Dec-16	9.0	6980		
<b>SW39</b>	Aug-16				Dry
	Sep-16				Dry
	Oct-16				Dry
	Nov-16				Dry
	Dec-16				Dry
<b>SW40</b>	Aug-16	7.6	612	<5	
	Sep-16	7.8	656	23	
	Oct-16	7.6	739	8	
	Nov-16	7.8	879	<5	
	Dec-16	8.1	777	9	

Table 2 - WCPL Groundwater Results

Site	Date	pH	EC ( $\mu$ S/cm)	Depth	Comments
P106	Aug-16	6.70	769	9.17	
	Oct-16	7.10	680	8.58	
	Dec-16	7.75	617	9.51	
P109	Aug-16	6.60	738	5.18	
	Oct-16	7.40	934	5.44	
	Dec-16	8.08	699	5.21	
P114	Aug-16	6.70	9860	10.04	
	Oct-16				Dry
	Dec-16				Dry
P116	Aug-16	7.10	854	5.78	
	Oct-16	7.40	791	5.65	
	Dec-16	7.70	883	5.92	
P202	Aug-16	7.70	4570	7.80	
	Oct-16	7.48	4500	7.80	
	Dec-16	8.01	3540	7.93	
P206	Aug-16	7.70	2150	16.68	
	Oct-16	7.80	2070	17.37	
	Dec-16	7.92	1900	17.78	
P301	Aug-16	6.70	5660	14.41	
	Oct-16	6.65	5660	14.70	
	Dec-16	6.71	4820	14.62	
P315	Aug-16	6.30	459	7.55	
	Oct-16	6.58	446	7.88	
	Dec-16	8.05	386	7.06	
GW02	Aug-16	7.00	665	5.94	
	Oct-16	7.19	549	6.21	
	Dec-16	7.33	451	6.64	
GW08	Aug-16	7.70	1820	6.18	
	Oct-16	7.80	1830	6.34	
	Dec-16	7.85	1636	6.48	
GW09	Aug-16				Dry
	Oct-16				Dry
	Dec-16				Dry
GW11	Aug-16	6.80	510	4.30	
	Oct-16	7.10	508	4.62	
	Dec-16	7.73	465	5.00	
GW12	Aug-16	6.90	21600	11.32	
	Oct-16	6.81	22600	11.68	
	Dec-16	6.86	19780	12.10	
GW13	Aug-16	7.00	518	5.58	
	Oct-16	7.00	3610	5.42	

Site	Date	pH	EC ( $\mu\text{S}/\text{cm}$ )	Depth	Comments
	Dec-16	7.13	3580	5.50	
<b>GW14</b>	Aug-16				Dry
	Oct-16				
	Dec-16				
<b>GW15</b>	Aug-16	7.00	802	10.23	
	Oct-16	7.10	647	10.22	
	Dec-16	7.53	582	10.42	
<b>GW16</b>	Aug-16	7.00	802	10.23	
	Oct-16	7.50	610	8.20	
	Dec-16	7.67	560	8.38	
<b>GW17</b>	Aug-16	7.20	5090	10.42	
	Oct-16	7.10	5130	11.00	
	Dec-16	7.57	4840	11.05	
<b>GW18</b>	Aug-16				
	Oct-16				
	Dec-16				
<b>GW19</b>	Aug-16				
	Oct-16				
	Dec-16				
<b>GW21</b>	Aug-16				Dry
	Oct-16				Dry
	Dec-16				Dry
<b>GW22</b>	Aug-16	8.40	6900	36.44	
	Oct-16	8.40	6920	35.03	
	Dec-16	8.16	6150	35.03	
<b>P1</b>	Aug-16	7.05	8010	25.12	
	Oct-16	7.12	8220	25.15	
	Dec-16	7.37	7920	25.16	
<b>P3</b>	Aug-16				
	Oct-16				
	Dec-16				
<b>P11</b>	Aug-16			31.40	Dry
	Oct-16			31.13	Dry
	Dec-16			31.40	Dry
<b>P16</b>	Aug-16	7.32	8170	7.31	
	Oct-16	7.62	8040	7.41	
	Dec-16	7.81	7780	7.70	
<b>P20</b>	Aug-16	7.32	10730	7.57	
	Oct-16	7.42	10380	7.71	
	Dec-16	7.82	10390	8.03	

Table 3 - WCPL HVAS

Site	Date	TSP (UG/m3)
HV01	03 Aug 2016	12.40
HV02	03 Aug 2016	19.40
HV03	03 Aug 2016	12.80
HV04	03 Aug 2016	23.60
HV01	09 Aug 2016	33.30
HV02	09 Aug 2016	44.30
HV03	09 Aug 2016	19.70
HV04	09 Aug 2016	19.30
HV01	15 Aug 2016	42.20
HV02	15 Aug 2016	58.50
HV03	15 Aug 2016	50.40
HV04	15 Aug 2016	104
HV01	21 Aug 2016	37
HV03	21 Aug 2016	13.30
HV04	21 Aug 2016	10
HV02	22 Aug 2016	32.70
HV01	27 Aug 2016	31.10
HV02	27 Aug 2016	35.70
HV03	27 Aug 2016	7.90
HV04	27 Aug 2016	10.40
HV01	02 Sep 2016	17.10
HV02	02 Sep 2016	18.90
HV03	02 Sep 2016	15.20
HV04	02 Sep 2016	18.70
HV01	08 Sep 2016	63.90
HV02	08 Sep 2016	50.50
HV03	08 Sep 2016	44.90
HV04	08 Sep 2016	71
HV01	14 Sep 2016	13.70
HV02	14 Sep 2016	19.40
HV03	14 Sep 2016	10.40
HV04	14 Sep 2016	11
HV01	20 Sep 2016	28.20
HV02	20 Sep 2016	37.50
HV03	20 Sep 2016	16.80
HV04	20 Sep 2016	25.60
HV01	26 Sep 2016	22.60
HV02	26 Sep 2016	32.70
HV03	26 Sep 2016	12.60
HV04	26 Sep 2016	10.80

Site	Date	TSP (UG/m3)
HV01	02 Oct 2016	50.40
HV02	02 Oct 2016	52.40
HV03	02 Oct 2016	17.40
HV04	02 Oct 2016	11.80
HV01	08 Oct 2016	51.30
HV02	08 Oct 2016	73.80
HV03	08 Oct 2016	58.70
HV04	08 Oct 2016	46.30
HV01	14 Oct 2016	43.60
HV02	14 Oct 2016	39.30
HV03	14 Oct 2016	45.50
HV04	14 Oct 2016	56.90
HV01	20 Oct 2016	72.80
HV02	20 Oct 2016	54.80
HV03	20 Oct 2016	59.40
HV04	20 Oct 2016	76.30
HV01	26 Oct 2016	50.80
HV02	26 Oct 2016	52
HV03	26 Oct 2016	22.20
HV04	26 Oct 2016	29.50
HV01	02 Nov 2016	63.20
HV02	02 Nov 2016	57.70
HV03	02 Nov 2016	62
HV04	02 Nov 2016	87.20
HV01	07 Nov 2016	77.60
HV02	07 Nov 2016	76.80
HV03	07 Nov 2016	55.50
HV04	07 Nov 2016	52.50
HV01	17 Nov 2016	62.60
HV02	17 Nov 2016	43.40
HV03	17 Nov 2016	38.90
HV04	17 Nov 2016	36
HV01	23 Nov 2016	81.70
HV02	23 Nov 2016	21.70
HV03	23 Nov 2016	92.20
HV04	23 Nov 2016	75.50
HV01	01 Dec 2016	74.80
HV02	01 Dec 2016	10
HV03	01 Dec 2016	66.90
HV04	01 Dec 2016	96.50
HV01	02 Dec 2016	87.80



Site	Date	TSP (UG/m3)
<b>HV02</b>	02 Dec 2016	31.50
<b>HV03</b>	02 Dec 2016	75.10
<b>HV04</b>	02 Dec 2016	86.60
<b>HV01</b>	07 Dec 2016	41.50
<b>HV02</b>	07 Dec 2016	37.70
<b>HV03</b>	07 Dec 2016	37.60
<b>HV04</b>	07 Dec 2016	43.30
<b>HV01</b>	13 Dec 2016	93.40
<b>HV02</b>	13 Dec 2016	90.30
<b>HV03</b>	13 Dec 2016	67.10
<b>HV04</b>	13 Dec 2016	55.60
<b>HV01</b>	19 Dec 2016	100
<b>HV02</b>	19 Dec 2016	49.10
<b>HV03</b>	19 Dec 2016	46.60
<b>HV04</b>	19 Dec 2016	78.80
<b>HV01</b>	25 Dec 2016	48.40
<b>HV02</b>	25 Dec 2016	39.50
<b>HV03</b>	25 Dec 2016	33.30
<b>HV04</b>	25 Dec 2016	40.20
<b>HV01</b>	31 Dec 2016	107
<b>HV02</b>	31 Dec 2016	78.80
<b>HV03</b>	31 Dec 2016	79
<b>HV04</b>	31 Dec 2016	44

Table 4 - WCPL Depositional Dust Gauges

Site	Date	Ash (g/m <sup>2</sup> )	Total Insoluble Matter (g/m <sup>2</sup> )	AR/IS Ratio	Comment
D01	18 Aug 2016	5	15.40	32.47	
D03	18 Aug 2016	0.70	0.70	100.00	
D07	18 Aug 2016	2.20	3.30	66.67	
D09	18 Aug 2016	1.80	2.40	75.00	
D11	18 Aug 2016	0.60	0.60	100.00	
D12	18 Aug 2016	4.70	10	47.00	
D17	18 Aug 2016	1.20	1.30	92.31	
D19	18 Aug 2016	0.60	0.80	75.00	
D20	18 Aug 2016	0.60	0.60	100.00	
D21	18 Aug 2016	0.30	0.30	100.00	
D22	18 Aug 2016	0.50	0.70	71.43	
D23	18 Aug 2016	1.70	3.40	50.00	
D24	18 Aug 2016	0.20	0.30	66.67	
D25	18 Aug 2016	0.50	0.60	83.33	
D26	18 Aug 2016	0.40	0.70	57.14	
D01	19 Sep 2016	3.10	7.50	41.33	
D03	19 Sep 2016	2.20	3.30	66.67	
D07	19 Sep 2016	5.50	7.50	73.33	
D09	19 Sep 2016	3	4.90	61.22	
D11	19 Sep 2016	2.20	3	73.33	
D12	19 Sep 2016	8.90	10.30	86.41	
D17	19 Sep 2016	1	1.40	71.43	
D19	19 Sep 2016	0.60	0.90	66.67	
D20	19 Sep 2016	0.80	1.10	72.73	
D21	19 Sep 2016	0.50	0.70	71.43	
D22	19 Sep 2016	1	1.40	71.43	
D23	19 Sep 2016	1.20	1.60	75.00	
D24	19 Sep 2016	3	3.30	90.91	
D25	19 Sep 2016	1.30	1.60	81.25	
D26	19 Sep 2016	1.20	1.60	75.00	
D01	17 Oct 2016	5.80	13	44.62	Contaminated
D03	17 Oct 2016	3	6.80	44.12	Contaminated
D07	17 Oct 2016	3.50	5.50	63.64	
D09	17 Oct 2016	2.60	3.60	72.22	
D11	17 Oct 2016	1.30	1.70	76.47	
D12	17 Oct 2016	2.50	4	62.50	
D17	17 Oct 2016	0.60	0.70	85.71	
D19	17 Oct 2016	0.90	1.60	56.25	
D20	17 Oct 2016	0.70	1.10	63.64	
D21	17 Oct 2016	0.80	1.40	57.14	
D22	17 Oct 2016	0.70	1.10	63.64	

Site	Date	Ash (g/m <sup>2</sup> )	Total Insoluble Matter (g/m <sup>2</sup> )	AR/IS Ratio	Comment
D23	17 Oct 2016	0.80	1.20	66.67	
D24	17 Oct 2016	0.80	1.50	53.33	
D25	17 Oct 2016	1.10	1.50	73.33	
D26	17 Oct 2016	0.60	0.90	66.67	
D01	17 Nov 2016	7.30	21.20	34.43	Contaminated
D07	17 Nov 2016	2.60	4.40	59.09	
D09	17 Nov 2016	3.20	8.30	38.55	Contaminated
D11	17 Nov 2016	1	1.30	76.92	
D12	17 Nov 2016	1.60	2.40	66.67	
D17	17 Nov 2016	0.60	0.80	75.00	
D19	17 Nov 2016	1.20	1.70	70.59	
D21	17 Nov 2016	0.70	0.80	87.50	
D22	17 Nov 2016	1.20	1.60	75.00	
D23	17 Nov 2016	1.10	2.40	45.83	
D24	17 Nov 2016	0.90	2.60	34.62	
D25	17 Nov 2016	0.90	1.20	75.00	
D26	17 Nov 2016	0.90	1.50	60.00	
D01	15 Dec 2016	6.50	30.90	21.04	
D03	15 Dec 2016	2.40	3.50	68.57	
D07	15 Dec 2016	4.40	9.40	46.81	
D09	15 Dec 2016	2.10	3	70.00	
D11	15 Dec 2016	2	2.90	68.97	
D12	15 Dec 2016	3.40	5	68.00	
D17	15 Dec 2016	1.60	2.70	59.26	
D19	15 Dec 2016	1.90	3	63.33	
D20	15 Dec 2016	1.60	2.20	72.73	
D21	15 Dec 2016	2.10	2.80	75.00	
D22	15 Dec 2016	2.20	2.90	75.86	
D23	15 Dec 2016	2.20	4.10	53.66	
D24	15 Dec 2016	1	1.30	76.92	
D25	15 Dec 2016	2.40	3.10	77.42	
D26	15 Dec 2016	1.30	1.90	68.42	

Table 5 - WCPL PM10 Results

Date of Run	PM01 - Coralie (Sentinex 19)		PM02 - Wambo Road (Caban) (Sentinex 20)		PM03 - Thelander (Sentinex 21)		PM04 - Muller (Sentinex 22)	
	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average
1/08/2016	9.40	14.51	15.40	17.52	7.80	14.15	7.30	16.87
2/08/2016	11.00	14.50	15.00	17.51	8.40	14.13	7.80	16.83
3/08/2016	13.10	14.49	14.90	17.49	9.30	14.10	11.30	16.80
4/08/2016	7.30	14.46	7.70	17.45	8.20	14.08	9.30	16.77
5/08/2016	8.10	14.43	8.20	17.41	8.30	14.05	10.20	16.74
6/08/2016	7.90	14.40	7.30	17.36	9.40	14.03	13.10	16.72
7/08/2016	9.00	14.37	6.80	17.31	9.80	14.01	9.90	16.69
8/08/2016	10.30	14.35	8.70	17.27	8.60	13.98	13.80	16.67
9/08/2016	11.90	14.34	9.90	17.24	11.20	13.97	20.00	16.69
10/08/2016	13.40	14.34	13.80	17.22	10.00	13.95	9.90	16.66
11/08/2016	16.10	14.35	19.20	17.23	10.40	13.94	10.70	16.63
12/08/2016	8.80	14.32	8.00	17.19	6.10	13.90	5.90	16.58
13/08/2016	8.10	14.29	10.60	17.16	5.40	13.86	5.50	16.54
14/08/2016	9.60	14.27	11.10	17.14	7.30	13.84	7.20	16.49
15/08/2016	12.10	14.26	11.20	17.11	11.60	13.83	17.70	16.50
16/08/2016	14.80	14.26	20.90	17.13	16.50	13.84	25.60	16.54
17/08/2016	13.80	14.26	19.40	17.14	10.20	13.82	11.50	16.52
18/08/2016	13.40	14.26	25.30	17.17	9.60	13.80	9.50	16.49
19/08/2016	15.40	14.26	21.20	17.19	12.90	13.80	17.70	16.49
20/08/2016	18.30	14.28	26.20	17.23	16.20	13.81	14.50	16.48
21/08/2016	7.40	14.25	10.50	17.20	6.50	13.78	5.90	16.44
22/08/2016	10.30	14.23	14.70	17.19	7.40	13.75	6.60	16.40
23/08/2016	13.90	14.23	19.20	17.20	10.30	13.74	10.00	16.37
24/08/2016	7.80	14.21	6.70	17.15	7.80	13.71	12.40	16.35
25/08/2016	5.30	14.17	4.50	17.10	6.20	13.68	11.00	16.33
26/08/2016	5.30	14.13	5.00	17.05	3.50	13.64	3.70	16.28
27/08/2016	7.80	14.10	6.60	17.00	6.30	13.61	8.50	16.25
28/08/2016	9.20	14.08	11.30	16.98	6.50	13.58	6.60	16.21
29/08/2016	8.70	14.06	11.50	16.96	7.60	13.55	6.00	16.16
30/08/2016	15.43	14.07	14.75	16.95	13.76	13.55	18.64	16.17
31/08/2016	Invalid	14.07	17.80	16.95	15.50	13.56	23.00	16.20
1/09/2016	16.80	14.08	17.10	16.95	14.50	13.56	14.40	16.19
2/09/2016	6.40	14.05	7.90	16.92	4.50	13.53	6.40	16.15

Date of Run	PM01 - Coralie (Sentinex 19)		PM02 - Wambo Road (Caban) (Sentinex 20)		PM03 - Thelander (Sentinex 21)		PM04 - Muller (Sentinex 22)	
	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average
3/09/2016	7.30	14.02	6.60	16.88	8.00	13.50	7.40	16.12
4/09/2016	7.00	13.99	7.10	16.84	5.50	13.47	6.00	16.08
5/09/2016	6.20	13.96	10.40	16.81	4.20	13.44	4.40	16.03
6/09/2016	7.90	13.93	13.20	16.80	6.60	13.41	8.30	16.00
7/09/2016	10.10	13.92	15.20	16.79	9.20	13.39	11.90	15.98
8/09/2016	20.10	13.94	17.30	16.79	18.50	13.41	20.00	16.00
9/09/2016	17.20	13.96	17.70	16.79	15.50	13.42	23.10	16.03
10/09/2016	19.30	13.98	21.80	16.81	14.30	13.42	16.10	16.03
11/09/2016	6.10	13.95	9.30	16.78	4.90	13.39	5.00	15.98
12/09/2016	7.40	13.92	11.50	16.76	6.10	13.36	7.60	15.95
13/09/2016	19.00	13.94	17.90	16.77	12.70	13.36	15.20	15.95
14/09/2016	21.10	13.97	25.50	16.80	17.30	13.37	17.00	15.95
15/09/2016	8.70	13.95	9.50	16.77	7.30	13.35	7.90	15.92
16/09/2016	6.60	13.92	7.40	16.74	4.30	13.32	4.50	15.88
17/09/2016	9.80	13.90	12.70	16.72	4.70	13.28	4.90	15.84
18/09/2016	11.00	13.89	12.70	16.71	7.50	13.26	12.70	15.82
19/09/2016	14.80	13.89	12.80	16.69	13.90	13.26	16.50	15.83
20/09/2016	5.80	13.86	7.80	16.66	4.30	13.23	4.80	15.78
21/09/2016	8.60	13.84	11.30	16.64	7.60	13.21	9.00	15.76
22/09/2016	11.10	13.83	10.00	16.61	8.30	13.19	11.60	15.74
23/09/2016	7.70	13.81	8.40	16.58	5.80	13.16	6.30	15.71
24/09/2016	9.70	13.79	15.20	16.58	12.40	13.16	11.90	15.69
25/09/2016	12.50	13.79	12.60	16.56	10.30	13.15	13.10	15.68
26/09/2016	8.00	13.77	8.20	16.53	6.93	13.12	6.70	15.65
27/09/2016	7.70	13.74	9.80	16.51	6.10	13.10	5.90	15.62
28/09/2016	18.20	13.76	14.10	16.50	7.90	13.08	7.30	15.58
29/09/2016	17.10	13.77	19.30	16.51	13.90	13.08	18.60	15.60
30/09/2016	13.77	13.77	15.40	16.50	15.90	13.09	26.78	15.64
1/10/2016	9.60	13.76	10.70	16.48	7.10	13.07	5.70	15.60
2/10/2016	11.68	13.75	12.44	16.47	6.58	13.05	5.69	15.56
3/10/2016	13.60	13.75	12.60	16.45	7.30	13.03	7.60	15.54
4/10/2016	9.60	13.73	16.00	16.45	7.70	13.01	7.40	15.51
5/10/2016	10.30	13.72	17.50	16.46	9.70	12.99	8.20	15.48
6/10/2016	14.00	13.72	24.50	16.49	11.60	12.99	10.40	15.46

Date of Run	PM01 - Coralie (Sentinex 19)		PM02 - Wambo Road (Caban) (Sentinex 20)		PM03 - Thelander (Sentinex 21)		PM04 - Muller (Sentinex 22)	
	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average
7/10/2016	13.60	13.72	22.30	16.51	10.00	12.98	11.60	15.45
8/10/2016	18.60	13.74	24.60	16.53	18.60	13.00	16.60	15.45
9/10/2016	18.40	13.76	21.20	16.55	23.70	13.04	24.90	15.49
10/10/2016	20.70	13.78	28.00	16.59	18.80	13.06	18.90	15.50
11/10/2016	4.90	13.75	4.60	16.55	4.20	13.03	3.70	15.46
12/10/2016	7.49	13.73	12.10	16.53	6.50	13.00	6.80	15.43
13/10/2016	13.90	13.73	12.30	16.52	13.10	13.00	12.80	15.42
14/10/2016	14.20	13.73	14.10	16.51	14.10	13.01	16.70	15.42
15/10/2016	13.20	13.73	14.60	16.50	9.50	13.00	9.60	15.40
16/10/2016	23.50	13.76	24.50	16.53	16.40	13.01	15.30	15.40
17/10/2016	21.00	13.79	17.00	16.53	12.70	13.01	12.80	15.39
18/10/2016	7.30	13.77	8.50	16.51	5.90	12.98	6.10	15.36
19/10/2016	14.60	13.77	12.50	16.49	9.50	12.97	10.50	15.34
20/10/2016	19.80	13.79	19.50	16.50	18.60	12.99	20.40	15.36
21/10/2016	19.50	13.81	22.40	16.52	16.20	13.00	17.70	15.37
22/10/2016	6.20	13.78	6.80	16.49	4.30	12.97	4.20	15.33
23/10/2016	12.40	13.78	11.60	16.47	12.30	12.97	13.60	15.33
24/10/2016	11.30	13.77	13.30	16.46	9.00	12.95	11.60	15.31
25/10/2016	10.10	13.76	12.70	16.45	9.00	12.94	10.00	15.29
26/10/2016	14.00	13.76	15.80	16.45	9.00	12.93	9.80	15.28
27/10/2016	28.00	13.81	22.40	16.47	21.10	12.96	19.70	15.29
28/10/2016	13.20	13.80	14.00	16.46	13.00	12.96	15.90	15.29
29/10/2016	18.50	13.82	16.00	16.46	18.80	12.97	21.50	15.31
30/10/2016	16.70	13.83	16.60	16.46	13.30	12.98	16.70	15.32
31/10/2016	13.40	13.83	16.70	16.46	11.70	12.97	12.60	15.31
1/11/2016	18.00	13.84	18.00	16.46	16.50	12.98	20.60	15.33
2/11/2016	14.40	13.84	16.30	16.46	10.60	12.98	13.30	15.32
3/11/2016	16.00	13.85	18.80	16.47	12.50	12.97	15.60	15.32
4/11/2016	16.40	13.86	20.50	16.48	13.90	12.98	13.30	15.31
5/11/2016	24.00	13.89	28.40	16.52	14.30	12.98	12.40	15.31
6/11/2016	20.60	13.91	26.70	16.56	19.10	13.00	18.20	15.31
7/11/2016	21.40	13.94	25.30	16.58	19.10	13.02	18.50	15.32
8/11/2016	24.60	13.97	31.10	16.63	21.40	13.05	20.20	15.34
9/11/2016	17.10	13.98	17.70	16.63	16.00	13.06	18.80	15.35

Date of Run	PM01 - Coralie (Sentinex 19)		PM02 - Wambo Road (Caban) (Sentinex 20)		PM03 - Thelander (Sentinex 21)		PM04 - Muller (Sentinex 22)	
	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average
10/11/2016	13.40	13.98	12.50	16.62	10.90	13.05	12.60	15.34
11/11/2016	21.00	14.00	22.40	16.64	22.10	13.08	23.90	15.37
12/11/2016	11.90	14.00	10.80	16.62	11.60	13.07	11.40	15.36
13/11/2016	14.30	14.00	10.90	16.60	8.60	13.06	8.30	15.33
14/11/2016	10.40	13.99	11.20	16.59	9.30	13.05	9.00	15.31
15/11/2016	12.50	13.98	12.70	16.57	11.60	13.04	11.00	15.30
16/11/2016	15.90	13.99	15.60	16.57	15.30	13.05	15.60	15.30
17/11/2016	16.40	13.99	16.80	16.57	17.30	13.06	17.90	15.31
18/11/2016	20.80	14.02	19.90	16.58	14.80	13.07	17.20	15.32
19/11/2016	29.00	14.06	32.80	16.63	27.50	13.11	26.90	15.35
20/11/2016	31.50	14.12	34.30	16.69	33.00	13.18	33.00	15.41
21/11/2016	25.60	14.15	25.70	16.71	26.40	13.22	31.60	15.46
22/11/2016	32.89	14.21	25.70	16.74	21.30	13.24	29.10	15.50
23/11/2016	29.30	14.26	30.70	16.78	26.30	13.28	33.30	15.55
24/11/2016	15.10	14.26	17.10	16.78	13.40	13.28	12.20	15.54
25/11/2016	19.20	14.28	23.00	16.80	15.10	13.29	17.50	15.55
26/11/2016	23.10	14.30	25.20	16.83	21.50	13.31	22.90	15.57
27/11/2016	31.60	14.36	31.00	16.87	32.10	13.37	31.00	15.62
28/11/2016	32.10	14.41	34.00	16.92	29.10	13.42	29.40	15.66
29/11/2016	27.40	14.45	30.60	16.96	25.15	13.45	24.11	15.68
30/11/2016	26.70	14.49	26.90	16.99	23.30	13.48	25.00	15.71
1/12/2016	18.40	14.50	19.90	17.00	13.90	13.48	20.40	15.72
2/12/2016	27.30	14.54	22.30	17.02	12.70	13.48	13.40	15.72
3/12/2016	35.00	14.60	35.10	17.07	38.80	13.55	43.70	15.80
4/12/2016	34.40	14.66	36.30	17.13	36.80	13.62	37.60	15.87
5/12/2016	38.60	14.73	37.10	17.19	36.90	13.69	33.00	15.92
6/12/2016	29.75	14.77	22.38	17.20	32.30	13.75	27.80	15.95
7/12/2016	11.60	14.76	11.10	17.18	10.80	13.74	11.20	15.94
8/12/2016	24.90	14.79	18.60	17.19	14.60	13.74	15.90	15.94
9/12/2016	17.70	14.80	17.70	17.19	15.90	13.75	12.30	15.93
10/12/2016	33.40	14.86	30.60	17.23	29.80	13.79	29.00	15.96
11/12/2016	27.80	14.89	25.80	17.25	24.70	13.83	25.80	15.99
12/12/2016	27.60	14.93	26.60	17.28	24.00	13.85	29.80	16.03
13/12/2016	28.50	14.97	29.80	17.32	22.70	13.88	19.10	16.04

Date of Run	PM01 - Coralie (Sentinex 19)		PM02 - Wambo Road (Caban) (Sentinex 20)		PM03 - Thelander (Sentinex 21)		PM04 - Muller (Sentinex 22)	
	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	YTD Average
14/12/2016	37.40	15.03	28.10	17.35	24.40	13.91	26.60	16.07
15/12/2016	14.70	15.03	10.40	17.33	13.30	13.91	13.80	16.06
16/12/2016	10.60	15.02	8.30	17.30	9.60	13.90	9.90	16.05
17/12/2016	19.15	15.03	19.10	17.31	9.30	13.88	9.00	16.03
18/12/2016	38.50	15.10	30.60	17.34	32.60	13.94	29.70	16.07
19/12/2016	24.40	15.13	19.80	17.35	20.80	13.96	22.00	16.08
20/12/2016	25.00	15.15	19.00	17.36	16.60	13.96	21.00	16.10
21/12/2016	27.90	15.19	30.90	17.39	23.60	13.99	21.30	16.11
22/12/2016	29.10	15.23	24.40	17.41	24.25	14.02	24.85	16.14
23/12/2016	33.34	15.28	23.81	17.43	22.36	14.04	23.59	16.16
24/12/2016	22.90	15.30	16.30	17.43	13.10	14.04	17.00	16.16
25/12/2016	11.90	15.29	11.40	17.41	9.80	14.03	10.40	16.14
26/12/2016	18.70	15.30	13.30	17.40	11.80	14.02	13.10	16.13
27/12/2016	27.00	15.34	22.60	17.41	19.20	14.04	24.00	16.16
28/12/2016	39.90	15.40	25.60	17.44	22.70	14.06	27.70	16.19
29/12/2016	25.50	15.43	25.50	17.46	16.60	14.07	19.70	16.20
30/12/2016	48.80	15.52	34.90	17.51	22.70	14.09	31.90	16.24
31/12/2016	37.50	15.59	31.40	17.54	26.60	14.13	28.10	16.27



Table 6 - WCPL Blast Monitoring Results

Date & Time	ID	BM02 - Kelly		BM05 - Muller		BM07 - Thelander	
		dBL	mm/sec	dBL	mm/sec	dBL	mm/sec
1/08/2016 9:19	M19WRC5 & M22RCA4	106.20	0.06	106.10	0.26	102.40	0.23
10/08/2016 15:10	WMB03I	96.40	0.10	96.10	0.39	98.50	0.45
10/08/2016 15:13	WMB03J	98.50	0.13	98.20	0.35	96.60	0.46
10/08/2016 15:15	WMB05C	88.80	0.01	97.80	0.12	90.50	0.09
16/08/2016 15:39	WMB043	94.10	0.33	103.40	0.66	98.50	0.48
19/08/2016 11:00	WMB05E	89.60	0.01	98.70	0.18	94.30	0.06
25/08/2016 11:03	WMB04C	92.30	0.10	98.90	0.32	97.30	0.40
25/08/2016 11:05	WMB04D	86.20	0.05	101.40	0.26	98.70	0.21
31/08/2016 11:08	WMB04I	102.90	0.17	107.90	0.58	102.40	0.72
4/09/2016 9:14	M22RCA10 & M19WWA4	103.30	0.06	101.40	0.39	97.50	0.37
5/09/2016 15:11	WMB06G	99.90	0.04	91.50	0.01	79.10	0.01
5/09/2016 16:06	M_21WRC_1	112.30	0.08	105.40	0.39	103.60	0.41
6/09/2016 11:01	M21WMA_24	103.30	0.06	103.60	0.45	101.10	0.33
6/09/2016 11:08	M_19WTA_29	112.60	0.06	107	0.59	106.10	0.79
6/09/2016 15:09	WMB04O	93.70	0.02	104	0.33	98.60	0.29
9/09/2016 11:26	WMB04T	85.60	0.22	95.20	0.04	95.10	0.04
19/09/2016 15:04	WMB054	96.80	0.09	109.30	0.55	106.60	0.67
21/09/2016 14:59	WMB059	103.40	0.04	93	0.52	89.30	0.42
26/09/2016 16:24	WMB05M	99.60	0.16	107.10	0.68	101	0.60
28/09/2016 11:07	WMB05N	95.10	0.03	109.30	0.40	106.90	0.34
6/10/2016 15:24	M_19WTA_29	98.90	0.16	89.30	0.40	86.30	0.44
3/11/2016 9:16	M21WRC1	104.40	0.08	115.80	0.67	110.30	0.64
5/11/2016 15:18	M_23RCA_6	106.60	0.06	108.60	0.50	102	0.68
1/12/2016 11:05	M27WWA1	100.80	0.05	107.50	0.51	102	0.60
2/12/2016 13:26	M19WMA2, M21WRA4, M23WWA8	0 NRR	0.26 <	114.80	0.84	115.70	1.03

Table 7 - WCPL Meteorology

Date	Temperature (2m)			Temperature (10m)			Temperature Inversion			Humidity			Solar Radiation			RAIN mm	SUM RAIN mm	Wind Speed		
	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max			Min	Average	Max
01/08/16	5.0	12.7	20.7	6.3	13.6	20.8	-7.3	11.8	28.5	41.4	75.0	96.8	0.0	298.9	438.6	0.0	0.0	0.0	0.9	4.2
02/08/16	6.4	11.6	17.9	7.6	12.2	17.8	-1.6	7.9	26.3	51.1	83.0	97.5	30.7	308.1	453.4	3.7	3.7	0.0	2.0	5.1
03/08/16	10.9	12.2	14.6	11.4	12.7	15.0	0.9	5.8	8.6	71.5	80.9	92.5	-0.8	275.2	424.7	1.4	5.1	1.4	3.7	6.4
04/08/16	10.2	12.3	16.7	11.0	12.8	16.7	-4.2	5.7	14.9	54.8	76.6	89.4	27.4	299.5	438.5	0.7	5.8	0.8	3.2	6.0
05/08/16	8.2	12.0	15.6	9.5	12.7	15.7	-4.1	8.9	26.0	63.2	80.9	94.5	-1.6	260.0	445.9	0.2	6.0	0.0	1.4	4.3
06/08/16	7.4	11.6	16.4	8.7	12.5	16.0	-6.7	10.2	23.5	61.9	84.5	97.2	-3.1	149.2	721.5	0.0	6.0	0.0	0.9	2.8
07/08/16	6.2	10.5	17.1	7.2	11.3	17.3	-5.0	9.4	34.1	57.1	84.8	98.4	-0.9	266.4	471.1	0.0	6.0	0.0	0.7	4.3
08/08/16	1.5	9.5	19.1	2.7	10.5	18.9	-5.8	12.7	34.7	41.3	80.5	98.4	-1.8	209.1	407.3	0.0	6.0	0.0	0.7	2.0
09/08/16	1.1	10.8	20.5	1.8	11.8	20.6	-11.2	13.2	44.2	39.7	76.1	98.5	-1.6	182.7	397.0	0.0	6.0	0.0	1.2	4.0
10/08/16	8.4	16.6	24.7	10.3	17.6	24.6	-4.5	12.9	36.5	38.1	64.4	96.2	-1.5	142.3	384.2	5.1	11.1	0.0	2.3	6.8
11/08/16	8.1	14.0	19.7	11.1	15.0	19.9	-3.4	12.9	46.2	37.3	68.2	97.9	-1.6	216.9	466.0	0.2	11.3	0.0	2.1	5.1
12/08/16	0.3	8.8	17.5	2.0	10.1	17.5	-4.0	15.4	46.0	35.2	69.9	97.9	-1.7	276.9	502.4	0.0	11.3	0.0	1.8	6.2
13/08/16	3.7	11.4	19.5	5.9	12.5	19.7	-6.7	13.7	42.5	38.0	64.5	92.0	64.4	334.1	474.1	0.0	11.3	0.0	1.8	4.6
14/08/16	1.0	10.1	19.6	3.1	11.5	19.6	-4.1	18.4	45.2	35.5	73.6	97.8	39.4	344.9	484.7	0.0	11.3	0.0	1.0	3.8
15/08/16	2.0	10.6	21.2	2.9	11.9	21.3	-3.6	15.3	43.1	39.9	78.4	98.2	86.1	339.2	483.0	0.0	11.3	0.0	0.8	2.7
16/08/16	2.4	11.8	23.3	3.5	13.0	23.0	-7.1	14.1	39.9	33.4	75.1	98.1	-1.0	325.6	469.0	0.0	11.3	0.0	1.1	4.3
17/08/16	1.7	11.4	22.6	3.0	12.7	22.4	-10.4	15.7	48.8	33.3	73.3	98.1	15.5	330.9	467.2	0.0	11.3	0.0	1.5	5.7
18/08/16	1.9	11.6	23.1	3.4	12.8	22.9	-7.9	15.1	42.1	31.1	69.8	97.4	-1.4	331.1	473.6	0.0	11.3	0.0	1.0	2.9
19/08/16	2.1	12.5	22.8	2.9	13.6	22.7	-9.6	14.1	49.7	37.4	70.5	98.0	-1.6	245.1	557.7	0.0	11.3	0.0	1.6	7.0
20/08/16	10.3	13.9	18.4	10.9	14.4	19.1	-5.2	6.3	30.2	33.7	56.9	87.8	-2.3	147.7	800.1	0.0	11.3	0.2	3.7	6.7
21/08/16	2.0	9.6	18.8	3.2	10.5	18.3	-10.4	10.5	36.9	32.5	66.3	95.2	-3.2	158.1	686.2	0.0	11.3	0.0	1.7	5.0
22/08/16	1.8	8.7	13.3	2.8	9.2	13.6	-1.3	6.3	21.5	61.6	89.0	96.7	-3.0	34.7	274.5	3.5	14.8	0.0	0.7	5.4
23/08/16	6.4	12.8	18.4	7.8	13.4	18.2	-4.6	8.1	21.9	51.9	77.6	98.1	-2.4	116.1	658.5	0.0	14.8	0.0	1.1	3.1
24/08/16	10.3	12.2	14.8	11.1	12.7	14.8	-3.0	5.6	10.7	73.6	88.0	96.5	-2.1	34.7	378.7	3.9	18.7	0.0	1.3	4.5
25/08/16	5.7	11.9	16.6	7.8	12.7	16.7	-3.3	9.8	37.7	51.7	70.3	86.8	-3.0	86.2	636.1	0.7	19.4	0.0	1.5	5.0
26/08/16	1.9	9.2	16.0	3.5	10.2	16.1	-5.1	13.5	36.0	38.8	72.0	97.0	-1.2	244.2	795.5	0.2	19.6	0.0	0.9	2.8
27/08/16	2.5	9.7	19.8	3.5	10.6	19.3	-6.4	11.7	36.1	39.8	75.8	98.1	-2.1	265.8	753.3	0.0	19.6	0.0	0.9	3.0
28/08/16	-0.7	9.7	20.4	0.9	11.2	20.2	-5.7	18.4	58.5	33.1	68.5	97.1	-2.1	197.6	726.4	0.0	19.6	0.0	2.2	5.7
29/08/16	0.6	10.8	20.1	1.9	11.9	20.2	-4.0	13.3	34.2	31.3	70.3	97.7	-2.0	164.3	796.1	0.0	19.6	0.0	0.8	3.2
30/08/16	5.8	14.8	24.1	7.3	15.7	24.2	-10.1	11.9	37.1	42.2	72.5	97.2	-2.1	154.5	711.9	0.0	19.6	0.0	1.1	4.4
31/08/16	10.4	15.3	21.3	11.5	16.2	21.5	0.8	10.8	26.6	54.5	83.8	96.2	-2.0	60.1	480.8	3.7	23.3	0.0	2.2	7.6
MONTH	-0.7	11.6	24.7	0.9	12.6	24.6	-11.2	11.6	58.5	31.1	74.9	98.5	-3.2	219.4	800.1	26.4		0.0	1.5	7.6
01/09/16	6.9	16.2	23.7	8.1	16.8	23.1	-10.3	7.5	24.1	35.4	75.1	98.2	-2.1	207.0	842.0	0.9	0.9	0.0	1.4	3.6
02/09/16	14.0	15.1	16.2	14.6	15.5	16.5	1.9	5.7	8.0	94.9	97.0	98.1	-1.7	20.5	146.7	15.4	16.2	0.0	0.6	2.1
03/09/16	12.0	15.5	17.9	13.1	16.2	18.2	1.0	7.8	23.9	48.4	64.9	98.1	-2.1	122.6	802.0	0.4	16.6	0.8	5.1	10.9
04/09/16	6.2	13.3	20.3	8.0	14.2	20.2	-5.4	10.1	39.8	41.4	66.4	95.6	-2.4	188.9	800.3	0.0	16.6	0.0	2.7	5.9
05/09/16	2.4	11.5	21.9	3.4	12.4	21.6	-10.6	10.9	36.4	32.0	73.2	98.3	-2.8	210.8	756.9	0.0	16.6	0.0	1.2	3.8
06/09/16	3.0	13.1	24.4	4.0	14.0	24.2	-9.3	11.6	36.7	32.7	72.8	98.2	-2.9	210.8	750.9	0.0	16.6	0.0	1.1	3.7
07/09/16	4.8	14.8	23.1	5.9	15.5	23.2	-3.2	9.5	33.7	39.4	76.1	98.0	-2.2	186.3	740.3	0.0	16.6	0.0	1.4	5.0
08/09/16	11.7	17.4	25.0	13.2	18.2	24.8	-6.8	9.9	26.9	37.6	71.2	95.2	-1.7	173.3	812.8	0.0	16.6	0.0	0.9	2.6
09/09/16	8.0	17.5	26.2	9.4	18.1	25.7	-7.2	8.2	30.5	34.4	72.7	97.8	-2.4	189.1	746.4	1.1	17.6	0.0	1.4	4.8
10/09/16	12.2	15.9	20.2	12.8	16.4	20.3	-3.2	5.3	11.0	43.2	70.1	97.1	-1.7	170.3	918.9	2.5	20.1	0.0	3.6	7.6

Date	Temperature (2m)			Temperature (10m)			Temperature Inversion			Humidity			Solar Radiation			RAIN mm	SUM RAIN mm	Wind Speed		
	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max			Min	Average	Max
11/09/16	7.3	14.4	20.1	8.6	15.2	20.4	-6.1	9.9	32.9	41.0	70.6	95.1	-2.2	171.5	808.4	0.0	20.1	0.0	1.9	5.1
12/09/16	4.9	14.2	23.2	6.1	15.0	23.1	-4.9	10.1	32.3	36.6	74.9	98.2	-2.2	215.3	778.0	0.0	20.1	0.0	0.9	2.9
13/09/16	9.7	16.4	22.5	10.4	17.1	22.5	-2.8	8.4	24.6	48.0	80.6	97.4	-2.1	100.0	631.1	3.9	24.0	0.0	0.8	2.8
14/09/16	15.3	18.1	22.7	15.9	18.6	22.9	-5.7	6.1	10.1	62.4	87.4	98.1	-1.7	90.0	724.7	13.6	37.6	0.0	2.2	6.4
15/09/16	13.9	16.8	20.2	14.4	17.2	20.3	-0.1	5.5	10.6	35.5	57.0	91.5	-1.7	196.7	886.6	0.2	37.8	2.0	4.8	9.8
16/09/16	8.4	15.4	21.1	10.2	16.0	21.0	-5.3	7.7	36.4	45.7	65.7	92.5	-2.1	210.4	911.8	0.0	37.8	0.0	3.2	6.4
17/09/16	5.1	14.4	22.7	6.2	15.1	22.3	-13.4	9.5	42.6	34.3	71.7	98.0	-2.1	197.4	868.5	0.0	37.8	0.0	1.3	4.2
18/09/16	12.0	13.6	15.7	12.7	14.2	16.3	2.8	6.9	17.0	75.8	90.2	97.8	-1.7	19.9	108.5	18.0	55.8	0.0	1.3	7.1
19/09/16	10.7	15.5	20.1	11.6	15.8	19.7	-5.1	4.7	16.8	50.6	65.0	80.9	-2.1	248.0	856.7	0.0	55.8	0.9	4.8	9.2
20/09/16	4.4	13.4	20.7	5.4	14.0	20.2	-16.5	7.7	30.2	42.4	70.2	96.4	-2.1	197.9	982.7	0.0	55.8	0.0	1.5	4.6
21/09/16	11.8	14.6	20.3	12.3	15.1	20.2	-7.5	6.9	23.6	66.6	84.6	95.8	-1.7	92.3	728.1	5.6	61.4	0.0	1.4	5.4
22/09/16	13.9	16.4	20.0	14.5	16.7	20.0	-5.1	4.3	9.1	45.6	63.1	78.7	-1.7	213.5	1042.7	0.0	61.4	1.2	4.1	7.6
23/09/16	12.6	16.7	22.9	13.1	17.3	22.4	-6.4	7.4	24.1	47.0	68.5	90.1	-1.7	106.8	632.5	0.0	61.4	0.0	2.1	7.0
24/09/16	8.9	17.3	25.0	10.4	18.0	24.6	-12.4	7.7	25.2	35.5	71.4	97.7	-2.1	248.2	853.5	0.0	61.4	0.0	1.3	4.6
25/09/16	13.5	16.1	22.2	14.4	16.7	22.0	-7.0	7.8	19.7	49.1	81.9	96.2	-1.7	160.7	1096.3	3.5	64.9	0.0	1.6	5.9
26/09/16	8.3	15.3	22.6	10.2	16.1	22.3	-6.4	10.7	42.8	24.6	63.2	98.1	-2.2	263.3	876.9	0.0	64.9	0.0	2.7	7.1
27/09/16	6.2	14.9	24.2	6.8	15.8	24.1	-4.9	10.7	44.5	19.5	52.6	88.5	-2.2	249.6	896.3	0.0	64.9	0.0	3.3	10.2
28/09/16	3.0	12.9	21.4	4.6	13.8	21.3	-7.8	11.6	39.8	28.1	63.9	96.0	-2.3	259.6	853.8	0.0	64.9	0.0	1.0	3.8
29/09/16	7.9	13.2	18.4	9.3	13.9	18.7	-2.8	7.9	21.0	48.6	83.3	95.9	-2.2	75.5	634.8	8.3	73.2	0.0	1.9	6.1
30/09/16	11.0	13.7	16.5	11.6	14.1	16.5	-5.0	4.7	13.1	47.4	56.9	69.2	-2.1	179.9	871.7	0.0	73.2	1.9	4.9	8.8
<b>MONTH</b>	<b>2.4</b>	<b>15.1</b>	<b>26.2</b>	<b>3.4</b>	<b>15.8</b>	<b>25.7</b>	<b>-16.5</b>	<b>8.1</b>	<b>44.5</b>	<b>19.5</b>	<b>72.1</b>	<b>98.3</b>	<b>-2.9</b>	<b>172.5</b>	<b>1,096.3</b>	<b>83.0</b>		<b>0.0</b>	<b>2.2</b>	<b>10.9</b>
01/10/16	9.3	15.9	21.4	11.7	16.6	21.3	-2.6	8.1	41.9	36.9	55.5	85.8	-2.2	156.6	891.7	0.0	0.0	0.2	3.6	7.0
02/10/16	5.4	16.4	26.0	6.8	17.5	25.8	-6.9	14.7	59.8	32.4	62.7	96.7	-2.3	265.7	881.3	0.0	0.0	0.0	2.2	6.4
03/10/16	11.7	17.1	21.6	13.2	17.8	21.6	-4.3	8.7	32.6	34.9	59.5	89.9	-2.0	146.6	870.1	0.0	0.0	0.0	4.1	9.3
04/10/16	10.9	16.9	22.3	11.5	17.3	22.1	-4.4	4.4	11.8	32.4	46.2	65.1	-2.2	257.4	956.1	0.0	0.0	2.5	5.2	9.3
05/10/16	9.1	16.8	22.4	11.1	17.2	22.1	-7.4	5.5	33.9	23.4	41.0	65.4	-2.2	276.6	909.1	0.0	0.0	0.5	4.2	7.6
06/10/16	11.9	19.3	26.9	12.6	19.8	26.5	-7.2	6.0	37.3	24.0	44.2	72.7	-2.1	271.6	895.8	0.0	0.0	0.3	3.8	7.2
07/10/16	7.6	19.5	29.1	8.8	20.6	29.1	-8.3	13.9	55.0	23.1	54.9	94.5	-2.2	249.9	948.1	0.0	0.0	0.1	2.7	6.5
08/10/16	12.9	20.2	28.2	15.4	20.9	28.0	-3.6	8.2	48.3	32.3	55.3	77.9	-1.7	82.3	878.9	0.0	0.0	0.2	3.3	6.2
09/10/16	13.7	18.3	24.6	14.9	18.7	24.1	-7.2	5.0	19.1	36.7	60.8	85.8	-1.7	227.9	993.4	0.0	0.0	0.0	1.8	4.9
10/10/16	10.3	22.1	32.5	11.2	22.7	32.2	-8.1	7.1	32.6	32.4	64.1	95.7	-2.2	226.0	875.2	5.5	5.5	0.0	3.1	8.0
11/10/16	10.6	16.1	21.5	11.8	16.5	21.1	-8.1	5.4	33.8	22.0	51.1	93.1	-2.1	285.5	975.5	2.3	7.8	0.3	2.4	5.0
12/10/16	3.7	14.3	22.9	4.9	14.9	22.3	-14.8	7.7	45.1	32.5	56.9	96.0	-2.2	285.9	918.4	0.0	7.8	0.0	2.0	5.7
13/10/16	10.4	15.0	19.1	12.1	15.4	18.8	-8.1	5.3	24.0	43.8	57.7	85.6	-2.1	147.5	923.8	0.0	7.8	0.0	2.7	6.2
14/10/16	6.0	14.0	22.0	7.8	14.7	21.5	-11.4	8.7	26.8	31.4	67.0	96.0	-2.2	248.2	1049.0	0.0	7.8	0.0	1.5	5.2
15/10/16	3.8	15.5	26.6	4.9	16.3	25.9	-15.2	9.6	38.8	21.2	62.3	97.7	-2.1	301.2	951.6	0.0	7.8	0.0	1.4	4.4
16/10/16	5.3	18.6	28.2	6.5	19.2	27.9	-8.9	7.5	31.7	28.0	55.0	95.7	-2.1	286.7	918.6	0.0	7.8	0.0	2.7	6.9
17/10/16	11.8	16.5	22.6	12.4	17.7	23.3	-2.1	14.7	78.7	36.2	67.3	92.8	-1.7	70.0	577.1	7.6	15.4	0.2	3.4	7.9
18/10/16	8.1	16.8	23.9	9.7	17.3	23.7	-6.4	6.4	35.7	31.5	58.1	92.8	-2.3	299.3	933.0	0.0	15.4	0.1	3.5	7.3
19/10/16	7.6	16.7	24.7	9.3	17.6	24.4	-8.7	11.2	37.1	22.2	56.8	93.2	-2.3	241.6	1020.7	0.0	15.4	0.0	2.0	5.9
20/10/16	12.4	18.2	24.4	14.6	18.6	24.4	-4.0	5.5	29.0	40.7	62.7	85.1	-1.7	208.0	1018.4	0.0	15.4	0.3	2.2	5.3
21/10/16	8.2	19.8	29.2	9.4	20.4	28.7	-10.6	7.5	27.9	40.7	70.5	97.2	-2.2	200.0	977.3	0.2	15.5	0.0	2.0	5.6

Date	Temperature (2m)			Temperature (10m)			Temperature Inversion			Humidity			Solar Radiation			RAIN mm	SUM RAIN mm	Wind Speed		
	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max			Min	Average	Max
22/10/16	7.1	15.5	19.3	8.8	16.3	20.4	-0.2	9.2	29.4	38.6	71.3	95.3	-2.3	71.0	439.8	17.6	33.2	0.4	2.9	6.7
23/10/16	5.8	13.5	21.3	7.3	14.2	20.9	-11.2	8.2	24.5	29.0	61.7	95.7	-2.3	236.3	1165.4	0.0	33.2	0.0	1.7	5.1
24/10/16	5.3	15.0	24.3	6.3	15.5	23.8	-14.9	6.1	35.2	28.7	64.3	97.5	-2.3	306.1	1095.3	0.0	33.2	0.0	2.0	5.4
25/10/16	5.7	16.7	27.1	6.7	17.6	26.7	-9.6	10.6	60.5	23.7	60.9	97.1	-2.3	312.5	965.9	0.0	33.2	0.0	2.0	5.9
26/10/16	6.8	19.4	29.5	8.2	20.4	29.0	-10.0	12.1	43.3	23.0	54.8	94.5	-2.3	235.6	1200.5	0.0	33.2	0.0	2.1	7.0
27/10/16	11.0	19.9	31.9	12.9	20.6	31.5	-12.3	9.5	44.1	25.1	65.0	90.6	-2.2	235.4	957.4	0.0	33.2	0.0	2.6	7.1
28/10/16	14.6	17.5	20.0	15.0	17.7	20.0	-9.4	2.8	6.6	67.1	78.4	93.7	-1.7	98.1	1019.3	0.0	33.2	0.7	2.2	4.5
29/10/16	16.8	21.0	27.3	17.3	21.4	27.5	-5.1	5.0	15.6	45.7	72.6	90.7	-1.7	224.0	1055.3	0.0	33.2	0.2	1.7	5.6
30/10/16	13.2	21.3	30.6	14.0	21.9	30.2	-6.7	7.7	24.6	38.9	76.5	97.4	-1.7	158.3	922.5	3.2	36.4	0.0	2.4	6.0
31/10/16	10.1	20.2	26.3	11.4	20.6	25.6	-15.3	4.7	22.2	21.5	53.0	89.0	-2.3	319.1	967.7	0.2	36.5	0.1	3.1	6.8
MONTH	3.7	17.6	32.5	4.9	18.2	32.2	-15.3	8.0	78.7	21.2	60.3	97.7	-2.3	223.6	1,200.5	41.4		0.0	2.7	9.3
01/11/16	6.7	16.0	24.9	8.2	16.8	24.6	-15.0	10.7	35.4	27.5	61.2	95.3	-2.2	260.8	1002.2	0.0	0.0	0.0	1.0	3.0
02/11/16	6.0	17.7	27.0	7.1	18.4	26.6	-14.2	8.8	32.6	23.2	53.2	96.3	-2.0	322.2	966.8	0.0	0.0	0.0	1.5	6.0
03/11/16	7.2	20.1	30.2	8.3	21.0	29.1	-17.9	11.3	59.4	21.9	52.9	95.0	-1.8	316.8	956.7	0.0	0.0	0.0	1.7	4.8
04/11/16	11.0	22.5	31.0	12.3	23.3	30.6	-12.2	10.4	59.1	16.2	43.2	94.0	-2.0	322.5	957.8	0.0	0.0	0.0	2.9	6.8
05/11/16	14.3	22.0	29.5	14.8	22.3	29.3	-8.5	3.6	18.2	7.7	29.2	58.5	-1.7	321.6	998.4	0.0	0.0	0.5	4.2	8.3
06/11/16	8.0	18.7	28.3	9.4	19.3	27.9	-8.0	7.1	32.5	17.4	45.0	90.5	-2.3	323.3	960.4	0.0	0.0	0.0	2.7	7.7
07/11/16	7.5	22.5	33.8	8.7	23.4	33.5	-8.0	11.9	45.9	18.3	46.1	92.8	-2.3	333.2	940.7	0.0	0.0	0.0	2.6	6.2
08/11/16	10.1	24.1	37.1	12.2	24.7	36.6	-11.6	7.5	32.3	14.3	57.4	94.5	-2.2	229.9	962.6	3.9	3.9	0.0	2.0	10.1
09/11/16	16.5	20.4	26.4	17.5	20.9	26.1	-8.6	5.7	17.4	55.3	79.5	96.3	-1.7	134.0	866.6	0.9	4.8	0.0	1.6	5.8
10/11/16	14.9	22.1	31.4	16.0	22.7	31.1	-15.3	7.5	38.8	22.5	65.0	97.4	-1.7	246.7	1120.4	0.2	4.9	0.0	2.1	5.3
11/11/16	14.6	22.1	30.6	16.1	22.5	30.5	-9.7	4.3	23.0	34.9	69.6	94.8	-1.7	274.4	933.8	0.4	5.3	0.0	1.9	8.4
12/11/16	15.8	23.9	33.0	17.6	24.6	33.1	-2.7	8.9	39.8	39.6	73.2	97.2	-1.7	241.7	954.7	24.5	29.8	0.0	2.6	8.0
13/11/16	14.5	23.0	30.5	15.7	23.5	30.3	-4.5	5.7	21.8	15.6	41.8	96.4	-1.7	327.4	1000.5	0.0	29.8	0.0	4.2	9.4
14/11/16	13.4	17.7	24.3	14.0	18.0	24.1	-5.0	3.7	12.2	35.3	67.9	97.4	-1.7	189.1	1057.0	11.6	41.5	0.0	2.4	5.7
15/11/16	11.7	18.1	25.3	12.7	18.4	25.1	-8.2	4.1	14.8	37.5	69.7	97.5	-1.8	251.1	1081.0	0.2	41.6	0.0	1.1	4.2
16/11/16	10.5	19.6	27.2	11.4	20.0	26.8	-5.2	4.2	19.2	37.6	65.4	97.2	-1.9	313.1	1066.1	0.0	41.6	0.0	2.2	6.7
17/11/16	12.4	19.8	27.7	13.6	20.3	27.2	-5.9	6.5	21.3	37.0	67.8	95.2	-1.7	296.0	1072.4	0.0	41.6	0.0	1.3	3.9
18/11/16	11.1	24.3	35.2	12.1	25.2	34.6	-16.0	11.3	50.4	20.6	54.8	97.0	-2.0	333.7	976.9	0.0	41.6	0.0	1.8	5.8
19/11/16	14.4	23.1	35.0	15.5	23.5	34.8	-7.7	5.5	23.3	24.4	66.0	91.1	-1.7	259.5	982.3	0.0	41.6	0.0	2.4	6.0
20/11/16	17.3	22.9	30.7	18.0	23.3	30.3	-12.7	5.1	19.2	41.6	71.9	93.0	-1.7	218.8	924.5	0.0	41.6	0.0	1.4	4.1
21/11/16	15.0	24.0	35.9	16.0	24.8	35.5	-7.6	9.2	29.8	24.4	67.7	95.7	-1.7	228.8	1124.4	0.5	42.2	0.0	1.6	6.0
22/11/16	15.7	26.7	36.9	17.2	27.4	36.2	-14.2	8.5	33.8	18.5	48.0	90.1	-1.7	326.1	950.1	0.0	42.2	0.0	1.6	5.3
23/11/16	15.5	24.6	36.1	16.6	25.1	35.8	-10.2	5.3	19.4	18.8	44.9	89.9	-1.7	277.5	967.5	0.0	42.2	0.0	2.9	7.7
24/11/16	9.4	18.4	28.1	10.9	18.8	26.6	-18.4	5.0	27.2	20.7	58.0	95.3	-2.3	343.3	1002.5	0.0	42.2	0.0	2.1	6.3
25/11/16	9.4	21.0	30.5	10.9	21.3	29.7	-14.1	3.7	27.2	18.4	54.2	95.3	-2.1	332.8	1012.5	0.0	42.2	0.0	2.2	6.6
26/11/16	14.5	23.4	32.1	15.3	23.7	31.6	-14.2	4.3	19.6	17.9	58.2	89.7	-1.7	325.5	977.8	0.0	42.2	0.0	1.6	4.9
27/11/16	18.4	23.1	29.5	19.6	23.3	28.9	-8.3	3.3	17.1	43.0	69.6	88.4	-1.7	211.6	1057.8	0.0	42.2	0.0	2.7	7.3
28/11/16	14.6	25.2	34.9	16.4	25.8	34.2	-21.2	8.4	42.1	17.4	58.7	93.9	-1.7	266.1	1006.4	0.0	42.2	0.0	1.7	5.2
29/11/16	14.0	24.1	33.8	15.6	24.4	33.4	-9.2	3.6	25.9	17.3	58.4	94.3	-1.6	244.3	1110.0	0.0	42.2	0.0	2.8	9.1
30/11/16	17.2	23.0	30.4	-10.4	5.8	23.7	-10.4	5.8	23.7	23.8	63.4	90.9	-1.7	249.8	1035.4	0.2	42.4	0.0	1.7	7.1
MONTH	6.0	21.8	37.1	-10.4	21.7	36.6	-21.2	6.7	59.4	7.7	58.7	97.5	-2.3	277.4	1,124.4	48.0		0.0	2.2	10.1

Date	Temperature (2m)			Temperature (10m)			Temperature Inversion			Humidity			Solar Radiation			RAIN mm	SUM RAIN mm	Wind Speed		
	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max			Min	Average	Max
01/12/16	13.4	23.0	34.8	14.3	23.7	33.1	-22.1	8.9	43.1	21.9	59.0	92.8	-1.7	263.1	1000.9	1.4	1.4	0.0	2.1	6.2
02/12/16	12.5	26.8	38.5	13.9	27.7	38.3	-13.9	10.9	37.8	15.6	46.2	95.4	-1.7	264.5	1051.9	0.0	1.4	0.0	1.9	7.3
03/12/16	18.7	24.2	30.6	19.5	24.5	29.8	-10.3	4.2	26.7	45.6	63.5	86.0	-1.7	250.0	1083.9	0.0	1.4	0.0	2.8	7.4
04/12/16	18.7	25.2	34.6	19.4	25.5	34.3	-9.6	3.1	16.2	36.4	67.2	85.9	-1.7	234.9	984.6	0.0	1.4	0.0	1.5	5.2
05/12/16	21.0	28.2	40.4	22.4	28.6	40.4	-12.1	4.6	20.4	22.6	64.5	91.6	-1.7	214.2	962.6	0.4	1.8	0.0	1.9	7.2
06/12/16	20.4	24.8	31.9	20.8	25.2	31.7	-5.8	4.5	13.2	50.5	76.7	96.3	-1.7	116.8	956.8	8.6	10.4	0.0	1.8	4.9
07/12/16	18.1	22.1	27.0	18.3	22.4	26.7	-7.7	3.2	9.4	53.1	75.9	96.8	-1.7	212.2	1062.0	1.6	12.0	0.0	2.0	5.1
08/12/16	16.4	26.3	35.9	17.4	26.5	35.0	-19.2	2.5	14.3	37.7	64.4	96.7	-1.7	299.1	973.0	0.0	12.0	0.0	2.2	7.0
09/12/16	18.1	23.3	28.9	18.8	23.5	28.1	-11.3	2.0	23.8	15.6	37.1	74.7	-1.7	360.2	1032.8	0.0	12.0	0.6	3.1	6.7
10/12/16	14.7	21.5	29.9	16.2	21.7	29.3	-9.7	3.2	20.1	28.2	59.5	88.8	-1.7	314.3	1063.8	0.0	12.0	0.0	2.2	6.4
11/12/16	14.6	23.1	31.5	16.1	23.5	31.1	-13.7	4.2	23.5	34.3	61.7	91.4	-1.7	299.0	1028.0	0.2	12.2	0.0	1.9	6.1
12/12/16	18.4	25.9	35.1	19.1	26.2	34.0	-14.4	4.4	23.4	28.3	59.3	90.3	-1.7	270.6	990.3	0.0	12.2	0.0	1.5	5.0
13/12/16	17.0	29.1	37.6	18.7	30.0	37.1	-12.6	10.8	59.3	20.7	44.4	91.2	-1.7	303.1	1007.0	0.0	12.2	0.0	2.9	7.3
14/12/16	21.0	30.8	38.5	23.5	31.6	38.3	-6.8	10.1	52.6	16.0	33.6	68.8	-1.7	237.3	1031.9	0.0	12.2	0.0	3.0	6.1
15/12/16	17.2	19.8	24.0	17.6	20.2	24.4	0.3	5.0	7.5	68.1	88.3	97.3	-1.7	27.6	344.7	15.5	27.7	0.1	2.1	5.1
16/12/16	17.2	20.0	23.0	17.6	20.4	23.1	-5.3	4.9	12.9	78.9	93.1	98.0	-1.7	78.7	779.3	19.1	46.8	0.0	1.1	3.6
17/12/16	20.1	26.7	33.7	21.0	27.3	33.5	-3.3	7.3	28.4	29.5	59.8	95.7	-1.7	319.1	1031.2	0.0	46.8	0.0	2.8	5.9
18/12/16	18.0	20.9	25.8	18.5	21.2	26.8	-7.0	3.3	17.8	34.8	64.4	74.8	-1.7	164.4	1087.7	0.0	46.8	1.1	3.5	7.2
19/12/16	14.5	20.7	26.4	15.4	21.0	26.1	-7.5	3.6	18.0	42.0	62.7	91.6	-1.7	296.3	1090.9	0.0	46.8	0.2	2.4	5.8
20/12/16	13.0	25.6	34.8	14.1	26.0	34.9	-8.6	5.4	23.3	30.9	57.6	94.8	-1.7	325.3	1068.2	0.0	46.8	0.0	2.7	6.4
21/12/16	19.5	25.9	36.7	20.4	26.3	36.4	-7.4	4.2	25.5	16.7	56.6	80.4	-1.7	333.1	978.8	0.0	46.8	0.1	3.4	8.7
22/12/16	18.8	21.7	25.3	19.6	22.0	25.2	-4.8	3.9	9.9	55.8	67.2	82.0	-1.7	114.9	667.4	0.0	46.8	1.2	3.1	6.2
23/12/16	17.8	23.7	31.3	18.8	24.0	30.8	-8.7	3.8	15.4	41.4	64.1	83.4	-1.7	318.7	1088.6	0.0	46.8	0.0	2.1	6.6
24/12/16	18.1	23.1	33.5	19.2	23.5	33.1	-10.6	5.1	17.7	33.9	73.8	95.0	-1.7	205.8	1180.5	14.3	61.1	0.0	2.0	5.6
25/12/16	17.2	24.1	31.4	17.9	24.5	31.2	-12.3	4.6	13.1	38.0	70.0	97.1	-1.7	310.6	1097.0	0.2	61.2	0.0	1.7	5.1
26/12/16	18.2	26.9	35.9	19.3	27.3	35.5	-17.1	4.9	24.3	25.8	60.2	94.6	-1.7	339.1	977.0	0.0	61.2	0.0	1.4	4.1
27/12/16	19.3	27.3	35.8	20.5	27.8	35.7	-9.9	6.8	20.9	30.1	60.2	92.4	-1.7	254.5	1049.7	0.0	61.2	0.0	1.8	8.2
28/12/16	19.9	27.8	37.4	20.7	28.8	37.0	-14.8	12.2	71.5	26.2	60.0	91.3	-1.7	314.7	1043.4	0.0	61.2	0.0	1.5	4.5
29/12/16	19.4	30.7	41.0	20.3	31.3	40.3	-15.2	7.6	30.2	16.3	43.8	89.6	-1.7	347.9	994.8	0.0	61.2	0.0	2.4	6.5
30/12/16	20.3	31.2	41.6	21.5	32.3	41.3	-11.6	14.1	61.6	18.3	44.8	79.4	-1.7	288.7	1002.1	0.0	61.2	0.0	1.9	6.1
31/12/16	24.5	28.9	39.3	25.0	30.1	40.0	-8.2	15.3	59.6	28.6	63.8	84.6	-1.7	151.2	1067.3	9.0	70.2	0.0	2.0	6.8
MONTH	12.5	25.1	41.6	13.9	25.6	41.3	-22.1	6.1	71.5	15.6	61.4	98.0	-1.7	252.6	1,180.5	79.6		0.0	2.2	8.7

