

# Tinda Creek Dust Monitoring

## Dust Monitoring Results Gauge 1

Month	Number of Samples	Gauge 1	Insoluble Solids	Combustible Matter	Ash	Comments
Jan-2017	continuous	Gauge 1	0.4	0.2	0.20	
Feb-2017	continuous	Gauge 1	6.9	6.2	0.7	
Mar-2017	continuous	Gauge 1	17.3	13.1	4.2	
Apr-2017	continuous	Gauge 1	16.3	13.7	2.6	
May-2017	continuous	Gauge 1	1.6	0.9	2.6	
Jun-2017	continuous	Gauge 1	1.7	1.2	0.5	
Jul-17	continuous	Gauge 1	3.9	1.4	2.5	
Aug-17	continuous	Gauge 1	2.3	1.4	0.9	
Sep-17	continuous	Gauge 1	1.5	1.1	0.4	
Oct-17	continuous	Gauge 1	1.3	0.4	0.9	
Nov-17	continuous	Gauge 1	3.1	1.4	1.7	
Nov-17	continuous	Gauge 1	5.0	3.5	1.5	
Dec-17	continuous	Gauge 1	4.1	2.8	1.3	
			<b>65.4</b>	<b>47.3</b>	<b>20.0</b>	
		Mean	<b>5.03</b>	<b>3.64</b>	<b>1.54</b>	
		Lowest	<b>0.4</b>	<b>0.2</b>	<b>0.2</b>	
		Highest	<b>17.3</b>	<b>13.7</b>	<b>4.2</b>	
Jan-18	continuous	Gauge 1	1.9	1.0	0.9	
Feb-18	continuous	Gauge 1	4.7	3.3	1.4	
Mar-18	continuous	Gauge 1	4.5	1.2	3.3	
Apr-18	continuous	Gauge 1	8.7	4.2	4.5	
May-18	continuous	Gauge 1	1.6	0.6	1.00	
Jun-18	continuous	Gauge 1	2.0	0.9	1.1	
Jul-18	continuous	Gauge 1	1.8	1.2	0.6	
Aug-18	continuous	Gauge 1	3.7	2.3	1.4	
Sep-18	continuous	Gauge 1	7.0	3.7	3.3	
Oct-18	continuous	Gauge 1	12.0	2.2	9.8	
Nov-18	continuous	Gauge 1	14.7	4.3	10.4	
Dec-18	continuous	Gauge 1	10.6	7.2	3.4	
			<b>73.2</b>	<b>32.1</b>	<b>41.1</b>	
		Mean	<b>6.10</b>	<b>2.68</b>	<b>3.43</b>	
		Lowest	<b>1.6</b>	<b>0.6</b>	<b>0.6</b>	
		Highest	<b>14.7</b>	<b>7.2</b>	<b>10.4</b>	
Jan-19	continuous	Gauge 1	<0.01	<0.01	<0.01	
Feb-19	continuous	Gauge 1	1.3	0.3	1	
Mar-19	continuous	Gauge 1	0.8	0.3	0.5	
Apr-19	continuous	Gauge 1	0.4	0.3	0.1	
May-19	continuous	Gauge 1	0.5	0.3	0.20	
Jun-19	continuous	Gauge 1	0.5	0.3	0.2	
Jul-19	continuous	Gauge 1	0.9	0.2	0.7	
Aug-19	continuous	Gauge 1	0.7	0.1	0.6	
Sep-19	continuous	Gauge 1	2.2	1.1	1.1	
Oct-19	continuous	Gauge 1	2.0	0.9	1.1	
Nov-19	continuous	Gauge 1	4.9	1.6	3.3	Gospers Mountain Bushfire
Dec-19	continuous	Gauge 1	2.0	1.0	1.0	Gospers Mountain Bushfire
			<b>16.2</b>	<b>6.4</b>	<b>9.8</b>	
		Mean	<b>1.47</b>	<b>0.58</b>	<b>0.89</b>	
		Lowest	<b>0.4</b>	<b>0.1</b>	<b>0.1</b>	
		Highest	<b>4.9</b>	<b>1.6</b>	<b>3.3</b>	

Jan-20	continuous	Gauge 1	7.1	1.7	5.4	Gospers Mountain Bushfire
Feb-20	continuous	Gauge 1	0.8	0.2	0.6	
Mar-20	continuous	Gauge 1	0.5	0.3	0.2	
Apr-20	continuous	Gauge 1	0.6	0.3	0.3	
May-20	continuous	Gauge 1	0.3	0.1	0.2	
Jun-20	continuous	Gauge 1	0.8	0.5	0.3	
Jul-20	continuous	Gauge 1	0.5	0.4	0.1	
Aug-20	continuous	Gauge 1				
Sep-20	continuous	Gauge 1				
Oct-20	continuous	Gauge 1				
Nov-20	continuous	Gauge 1				
Dec-20	continuous	Gauge 1				
			<b>10.6</b>	<b>3.5</b>	<b>7.1</b>	
Mean			<b>1.51</b>	<b>0.50</b>	<b>1.01</b>	
Lowest			<b>0.3</b>	<b>0.1</b>	<b>0.1</b>	
Highest			<b>7.1</b>	<b>1.7</b>	<b>5.4</b>	

### Dust Monitoring Results Gauge 2

Month	Number of Samples	Gauge 2	Insoluble Solids	Combustible Matter	Ash	
Jan-2017	continuous	Gauge 2	0.4	0.2	0.20	
Feb-2017	continuous	Gauge 2	2.2	1.7	0.5	
Mar-2017	continuous	Gauge 2	5.4	4.5	0.9	
Apr-2017	continuous	Gauge 2	9.6	9.1	0.5	
May-2017	continuous	Gauge 2	0.5	0.3	0.5	
Jun-2017	continuous	Gauge 2	1.9	1.2	0.7	
Jul-17	continuous	Gauge 2	0.3	0.2	0.1	
Aug-17	continuous	Gauge 2	2.4	1.6	0.8	
Sep-17	continuous	Gauge 2	0.5	0.3	0.2	
Oct-17	continuous	Gauge 2	1.7	0.8	0.9	
Nov-17	continuous	Gauge 2	1.7	1.0	0.7	
Nov-17	continuous	Gauge 2	0.1	0.1	<0.1	
Dec-17	continuous	Gauge 2	2.0	1.3	0.7	
			<b>28.7</b>	<b>22.3</b>	<b>6.7</b>	
Mean			<b>2.21</b>	<b>1.72</b>	<b>0.56</b>	
Lowest			<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	
Highest			<b>9.6</b>	<b>9.1</b>	<b>0.9</b>	
Jan-18	continuous	Gauge 2	2.2	1.1	1.1	
Feb-18	continuous	Gauge 2	4.6	2.9	1.7	
Mar-18	continuous	Gauge 2	2.0	1.3	0.7	
Apr-18	continuous	Gauge 2	7.7	6.8	0.9	
May-18	continuous	Gauge 2	14.2	13.3	0.9	
Jun-18	continuous	Gauge 2	2.6	1.2	1.4	
Jul-18	continuous	Gauge 2	1.1	0.7	0.4	
Aug-18	continuous	Gauge 2	3.1	2.2	0.9	
Sep-18	continuous	Gauge 2	4.4	3.2	1.2	
Oct-18	continuous	Gauge 2	4.3	2.8	1.5	
Nov-18	continuous	Gauge 2	2.2	1.1	1.1	
Dec-18	continuous	Gauge 2	4.4	2.8	1.6	
			<b>52.8</b>	<b>39.4</b>	<b>13.4</b>	
Mean			<b>4.40</b>	<b>3.28</b>	<b>1.12</b>	
Lowest			<b>1.1</b>	<b>0.7</b>	<b>0.4</b>	
Highest			<b>14.2</b>	<b>13.3</b>	<b>1.7</b>	
Jan-19	continuous	Gauge 2	1.1	0.0	1.1	

Feb-19	continuous	Gauge 2	1.0	0.3	0.7	
Mar-19	continuous	Gauge 2	0.7	0.5	0.2	
Apr-19	continuous	Gauge 2	0.3	0.2	0.1	
May-19	continuous	Gauge 2	0.9	0.6	0.3	
Jun-19	continuous	Gauge 2	0.4	0.2	0.2	
Jul-19	continuous	Gauge 2	0.8	0.2	0.6	
Aug-19	continuous	Gauge 2	0.1	<0.1	0.1	
Sep-19	continuous	Gauge 2	1.0	0.5	0.5	
Oct-19	continuous	Gauge 2	2.5	1.1	1.4	
Nov-19	continuous	Gauge 2	3.5	0.9	2.6	Gospers Mountain Bushfire
Dec-19	continuous	Gauge 2	1.7	0.7	1.0	Gospers Mountain Bushfire
			<b>14.0</b>	<b>5.2</b>	<b>8.8</b>	
		Mean	<b>1.17</b>	<b>0.47</b>	<b>0.73</b>	
		Lowest	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	
		Highest	<b>3.5</b>	<b>1.1</b>	<b>2.6</b>	
Jan-20	continuous	Gauge 2	9.0	2.3	6.7	Gospers Mountain Bushfire
Feb-20	continuous	Gauge 2	0.6	0.3	0.3	
Mar-20	continuous	Gauge 2	0.7	0.3	0.4	
Apr-20	continuous	Gauge 2	0.4	0.3	0.1	
May-20	continuous	Gauge 2	0.3	0.1	0.2	
Jun-20	continuous	Gauge 2	0.4	0.2	0.2	
Jul-20	continuous	Gauge 2	0.3	0.2	0.1	
Aug-20	continuous	Gauge 2				
Sep-20	continuous	Gauge 2				
Oct-20	continuous	Gauge 2				
Nov-20	continuous	Gauge 2				
Dec-20	continuous	Gauge 2				
			<b>11.7</b>	<b>3.7</b>	<b>8.0</b>	
		Mean	<b>1.67</b>	<b>0.53</b>	<b>1.14</b>	
		Lowest	<b>0.3</b>	<b>0.1</b>	<b>0.1</b>	
		Highest	<b>9.0</b>	<b>2.3</b>	<b>6.7</b>	

### Dust Monitoring Results Gauge 3

Month	Number of Samples	Gauge 3	Insoluble Solids	Combustible Matter	Ash	
Jan-2017	continuous	Gauge 3	Nil sample			
Feb-2017	continuous	Gauge 3	Nil sample			
Mar-2017	continuous	Gauge 3	Nil sample			
Apr-2017	continuous	Gauge 3	Nil sample			
May-2017	continuous	Gauge 3	Nil sample			
Jun-2017	continuous	Gauge 3	Nil sample			
Jul-17	continuous	Gauge 3	3.6	1.3	2.3	
Aug-17	continuous	Gauge 3	5.9	4.8	1.1	
Sep-17	continuous	Gauge 3	1.0	0.9	0.1	
Oct-17	continuous	Gauge 3	3.9	1.1	2.8	
Nov-17	continuous	Gauge 3	3.4	2.2	1.2	
Nov-17	continuous	Gauge 3	0.1	0.2	<0.1	
Dec-17	continuous	Gauge 3	3.7	2.6	1.1	
			<b>21.6</b>	<b>13.1</b>	<b>8.6</b>	
		Mean	<b>3.09</b>	<b>1.87</b>	<b>1.43</b>	
		Lowest	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>	
		Highest	<b>5.9</b>	<b>4.8</b>	<b>2.8</b>	
Jan-18	continuous	Gauge 3	2.3	1.1	1.2	
Feb-18	continuous	Gauge 3	4.2	3.4	0.8	
Mar-18	continuous	Gauge 3	6.2	1.5	4.7	

Apr-18	continuous	Gauge 3	2.6	1.0	1.6	
May-18	continuous	Gauge 3	3.7	2.9	0.8	
Jun-18	continuous	Gauge 3	6.4	3.9	2.5	
Jul-18	continuous	Gauge 3	12.6	9.7	2.9	
Aug-18	continuous	Gauge 3	5.8	2.9	2.9	
Sep-18	continuous	Gauge 3	Nil Sample	Nil Sample	Nil Sample	Dust Bottle broken
Oct-18	continuous	Gauge 3	3.1	1.4	1.7	
Nov-18	continuous	Gauge 3	7.6	4.3	3.3	
Dec-18	continuous	Gauge 3	5.7	4.2	1.5	
			<b>43.8</b>	<b>26.4</b>	<b>17.4</b>	
Mean			<b>5.48</b>	<b>3.30</b>	<b>2.18</b>	
Lowest			<b>2.3</b>	<b>1.0</b>	<b>0.8</b>	
Highest			<b>12.6</b>	<b>9.7</b>	<b>4.7</b>	
Jan-19	continuous	Gauge 3	4.0	<0.1	4	
Feb-19	continuous	Gauge 3	1.5	0.4	1.1	
Mar-19	continuous	Gauge 3	0.8	0.3	0.5	
Apr-19	continuous	Gauge 3	0.2	0.2	<0.1	
May-19	continuous	Gauge 3	0.3	0.2	0.1	
Jun-19	continuous	Gauge 3	0.2	0.1	0.1	
Jul-19	continuous	Gauge 3	0.6	0.3	0.3	
Aug-19	continuous	Gauge 3	0.6	0.2	0.4	
Sep-19	continuous	Gauge 3	1.8	1.2	0.6	
Oct-19	continuous	Gauge 3	2.2	0.6	1.6	
Nov-19	continuous	Gauge 3	7.8	3.5	4.3	Gospers Mountain Bushfire
Dec-19	continuous	Gauge 3	3.7	2.3	1.4	Gospers Mountain Bushfire
			<b>23.7</b>	<b>9.3</b>	<b>14.4</b>	
Mean			<b>1.98</b>	<b>0.85</b>	<b>1.31</b>	
Lowest			<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	
Highest			<b>7.8</b>	<b>3.5</b>	<b>4.3</b>	
Jan-20	continuous	Gauge 3	7.5	2.4	5.1	Gospers Mountain Bushfire
Feb-20	continuous	Gauge 3	1.4	0.7	0.7	
Mar-20	continuous	Gauge 3	0.7	0.3	0.4	
Apr-20	continuous	Gauge 3	1.0	0.6	0.4	
May-20	continuous	Gauge 3	0.8	0.3	0.5	
Jun-20	continuous	Gauge 3	0.6	0.3	0.3	
Jul-20	continuous	Gauge 3	0.4	0.2	0.2	
Aug-20	continuous	Gauge 3				
Sep-20	continuous	Gauge 3				
Oct-20	continuous	Gauge 3				
Nov-20	continuous	Gauge 3				
Dec-20	continuous	Gauge 3				
			<b>12.4</b>	<b>4.8</b>	<b>7.6</b>	
Mean			<b>1.77</b>	<b>0.69</b>	<b>1.09</b>	
Lowest			<b>0.4</b>	<b>0.2</b>	<b>0.2</b>	
Highest			<b>7.5</b>	<b>2.4</b>	<b>5.1</b>	