

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA?	Monitoring Technique	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Inlet Height (m)	Site ID	Site Type	Monitoring Type	Valid Data Capture for Monitoring Period (%)				Valid Data Capture (%)				NO <sub>2</sub> 1-Hour Means > 200 µg/m <sup>3</sup>				NO <sub>2</sub> Annual Means			
														2013	2014	2015	2016	2013	2014	2015	2016	2013	2014	2015	2016	2013	2014	2015	2016
RTA3	Market Street, Disley	Kerbside	397538	384710	NO <sub>2</sub>	Y	Chemiluminescent	1m	1m	1.5	RTA3	Kerbside	Automatic	45.3	9.8	75.6	65.5			75.6	65.5	0	0	0	9	35.0	32.0	39.0	49.0

Site ID	Address	Town	Category	AQMA	AQMA Name	2012 NO <sub>2</sub> Mean Concentrations (µg/m <sup>3</sup> )												Previous bias factors	0.97	0.94	0.97	Most recent 2012 bias factor	0.96	Data Capture %	Comments		
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	March '13	June '13	July '13	Sept. '13						
						Annual Mean												Raw Data	Annualised result	Previous Bias Adjusted Factor March '13	Previous Bias Adjusted Factor June '13	Previous Bias Adjusted Factor July '13	Most Recent Bias Adjusted Factor Sept. '13			Distance Corrected Result	Final result for LAQM use
CE14	9 Market Street	Disley	Roadside	Y	A6 Disley	65.44	49.90	58.40	70.03	43.93	40.87	44.90	47.20	53.50	39.44	74.24	74.01	55.15		53.50	51.85	53.50	52.95	49.83	49.83	100	
CE15	3 The Crescent, Buxton Road	Disley	Roadside	Y	A6 Disley	49.25	42.27	47.72	54.06	37.09	42.97	41.18	42.93	46.07	44.84	55.85	58.50	46.89		45.49	44.08	45.49	45.02	42.64	42.64	100	
CE16	31 The Crescent	Disley	Roadside	Y	A6 Disley	54.99	76.32	59.30	65.71	46.42	53.36	48.03	67.31	56.27	57.58	78.98	72.77	61.42		59.58	57.73	59.58	58.96	56.39	56.39	100	
CE17	31 The Crescent	Disley	Roadside	Y	A6 Disley	59.09	92.18	66.83	70.29	44.34	53.73	49.74	56.51	56.74	55.52	73.81	81.21	63.33		61.43	59.53	61.43	60.80	58.12	58.12	100	
CE18	31 The Crescent	Disley	Roadside	Y	A6 Disley	67.03	84.34	59.92	66.54	43.42	46.20	53.43	55.50	47.97	58.39	81.05	71.84	61.30		59.46	57.62	59.46	58.85	56.28	56.28	100	
CE19	58 Buxton Road	Disley	Roadside	N		57.42	50.28	47.56	49.49	27.35	37.78	37.06	43.41	42.67	40.26	47.49	56.14	44.74		43.40	42.06	43.40	42.95	36.95	36.95	100	
CE20	Co-located Dysterleigh	Disley				36.42	38.36	31.50	27.16	25.47	24.87	24.02	21.90	26.13	27.73	32.65	33.21	29.12		28.24	27.37	28.24	27.95		27.95	100	
CE21	Co-located Dysterleigh	Disley				36.36	40.04	30.01	29.84	22.15	24.40	25.60	21.84	30.24	30.32	31.11	39.73	30.14		29.23	28.33	29.23	28.93		28.93	100	
CE22	Co-located Dysterleigh	Disley				29.30	38.61	33.27	27.53	23.10	23.15	24.46	21.99	28.61	30.04	29.65	35.64	28.78		27.92	27.05	27.92	27.63		27.63	100	
CE82	78 Buxton Road	Disley	Roadside	N		32.70	42.49	35.95	33.07	21.95	22.26	22.09	20.64	23.01	22.75	24.10	31.38	27.70		26.87	26.04	26.87	26.59	26.50	26.50	100	

Key to colour coding
Below objective Within Range
Above Objective
Close to Objective

**Notes (all corrections applied in accordance with Defra's LAQM (TG16))**

*Annualised Result*

A result where the capture rate for a year is less than 75%, i.e. only required where there is less than 9 months of data for that particular tube, which extrapolates the average for the whole year.

*Distance corrected result*

Only required to distance correct the results where a tube is located more than 10cm from a property. This is to account for the decrease in NO<sub>2</sub> over distance so the results are indicative of the concentrations experienced at the façade of a property.

*Bias adjustment*

This involves multiplying the average figure by a factor which is produced by the analysis laboratory. This bias factor helps reduce the uncertainty of the overall sampling method by adjusting the figures to be closer to the standard reference method, i.e. the automated analysers. These factors are released by the laboratory several times a year and do vary so the overall results for a year will also vary over the course of the following year as the factors are applied.

*Final result for LAQM use*

The most up to date figures for that year.

Site ID	Address	Town	Category	AQMA	AQMA Name	2013 NO <sub>2</sub> Mean Concentrations (µg/m <sup>3</sup> )												Previous bias factors	0.95	0.95		Most recent 2013 bias factor	0.95	Data Capture %		Comments		
																		March '14	June '14		Sept. '14							
																		Annual Mean										
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Raw Data	Annualised result	Previous Bias Adjusted Factor March '14	Previous Bias Adjusted Factor June '14	Previous Bias Adjusted Factor XXXXX '14	Most Recent Bias Adjusted Factor Sept. '14	Distance Corrected Result	Final result for LAQM use									
CE15	3 The Crescent, Buxton Road	Disley	Roadside	Y	A6 Disley	49.59	52.45	60.79	47.20	48.78	52.29	48.90	51.73	50.69	49.77	59.74	24.16	49.67		47.19	47.19		47.19	44.84	44.84	100		
CE16	31 The Crescent	Disley	Roadside	Y	A6 Disley	72.04	57.36	68.25	53.66	64.26	57.64	66.60	66.61	73.27	59.24	84.39	40.57	63.66		60.47	60.47		60.47	57.96	57.96	100		
CE19	58 Buxton Road	Disley	Roadside	N		64.53	48.88	50.28	42.27	38.53	45.81	49.03	45.87	48.27	45.02	60.39	31.70	47.55		45.17	45.17		45.17	39.22	39.22	100		
CE82	78 Buxton Road	Disley	Roadside	N		36.47	33.29	32.06	25.05	29.01	25.19	28.37	21.33	28.50	23.86	35.97	13.36	27.70		26.32	26.32		26.32	26.25	26.25	100		
CE88	By RTA, Market Street, Disley	Disley	Kerbside	Y	A6 Disley							50.12	49.49	57.70	43.90	60.16	29.79	48.53	50.13	47.62	47.62		47.62		47.62	50	Didn't start until July, 100% capture from then onwards	
CE89	By RTA, Market Street, Disley	Disley	Kerbside	Y	A6 Disley							45.79	51.14	58.74	46.55	70.02	30.29	50.42	52.09	49.48	49.48		49.48		49.48	50	Didn't start until July, 100% capture from then onwards	
CE90	By RTA, Market Street, Disley	Disley	Kerbside	Y	A6 Disley							43.24	53.14	60.81	41.45	80.28	33.41	52.06	53.77	51.09	51.09		51.09		51.09	50	Didn't start until July, 100% capture from then onwards	

Key to colour coding
Below objective Within Range
Above Objective
Close to Objective

**Notes (all corrections applied in accordance with Defra's LAQM (TG16))**

**Annualised Result**

A result where the capture rate for a year is less than 75%, i.e. only required where there is less than 9 months of data for that particular tube, which extrapolates the average for the whole year.

**Distance corrected result**

Only required to distance correct the results where a tube is located more than 10cm from a property. This is to account for the decrease in NO<sub>2</sub> over distance so the results are indicative of the concentrations experienced at the façade of a property.

**Bias adjustment**

This involves multiplying the average figure by a factor which is produced by the analysis laboratory. This bias factor helps reduce the uncertainty of the overall sampling method by adjusting the figures to be closer to the standard reference method, i.e. the automated analysers. These factors are released by the laboratory several times a year and do vary so the overall results for a year will also vary over the course of the following year as the factors are applied.

**Final result for LAQM use**

The most up to date figures for that year.

Site ID	Address	Town	Category	AQMA	AQMA Name	2014 NO <sub>2</sub> Mean Concentrations (µg/m <sup>3</sup> )												Previous bias factors		0.91		0.91		Most recent 2014 bias factor	0.92	Data Capture %	Comments
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	March '15	June '15	March '15	June '15	Sept. '15	Sept. '15				
						Annual Mean												Raw Data	Annualised result	Previous Bias Adjusted Factor March '15	Previous Bias Adjusted Factor June '15	Previous Bias Adjusted Factor XXXXX '15	Most Recent Bias Adjusted Factor Sept. '15	Distance Corrected Result	Final result for LAQM use		
CE15	3 The Crescent, Buxton Road	Disley	Roadside	Y	A6 Disley	37.63	42.48	54.80										44.97		40.92	40.92		41.37	39.42	39.42	25	Stopped at the end of March, 100% capture up until then.
CE16	31 The Crescent	Disley	Roadside	Y	A6 Disley	59.75	67.65	72.50	70.30	77.90	63.50	72.60	62.10	75.80	69.29	73.80	45.98	67.60		61.51	61.51		62.19	59.54	59.54	100	
CE19	58 Buxton Road	Disley	Roadside	N		44.02	42.10	51.60	51.72	52.88	42.80	48.35	42.99	56.35	42.85	60.10	51.62	48.95		44.54	44.54		45.03	38.98	38.98	100	
CE82	78 Buxton Road	Disley	Roadside	N		19.31	21.39	31.58	29.71	27.53	24.83	26.36	25.13	29.82	21.14	32.65	26.35	26.32		23.95	23.95		24.21	24.15	24.15	100	
CE88	By RTA, Market Street, Disley	Disley	Kerbside	Y	A6 Disley	44.90	51.79	49.78	49.55	50.68	39.17	51.76	50.68	49.04	44.46	46.41	55.79	48.67		44.29	44.29		44.77		44.77	100	
CE89	By RTA, Market Street, Disley	Disley	Kerbside	Y	A6 Disley	44.85	51.67	53.86										50.13		45.62	45.62		46.12		46.12	25	Stopped at the end of March, 100% capture up until then.
CE90	By RTA, Market Street, Disley	Disley	Kerbside	Y	A6 Disley	43.05	52.15	50.99										48.73		44.34	44.34		44.83		44.83	25	Stopped at the end of March, 100% capture up until then.

Key to colour coding
Below objective Within Range
Above Objective
Close to Objective

**Notes [all corrections applied in accordance with Defra's LAQM (TG16)]**

- Annualised Result** A result where the capture rate for a year is less than 75%, i.e. only required where there is less than 9 months of data for that particular tube, which extrapolates the average for the whole year.
- Distance corrected result** Only required to distance correct the results where a tube is located more than 10cm from a property. This is to account for the decrease in NO<sub>2</sub> over distance so the results are indicative of the concentrations experienced at the façade of a property.
- Bias adjustment** This involves multiplying the average figure by a factor which is produced by the analysis laboratory. This bias factor helps reduce the uncertainty of the overall sampling method by adjusting the figures to be closer to the standard reference method, i.e. the automated analysers. These factors are released by the laboratory several times a year and do vary so the overall results for a year will also vary over the course of the following year as the factors are applied.
- Final result for LAQM use** The most up to date figures for that year.

Site ID	Address	Town	Category	AQMA	AQMA Name	2015 NO <sub>2</sub> Mean Concentrations (µg/m <sup>3</sup> )												Previous bias factors		0.9		0.9		0.88		Most recent 2015 bias factor		0.87	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Raw Data	Annualised result	Previous Bias Adjusted Factor March '16	Previous Bias Adjusted Factor April '16	Previous Bias Adjusted Factor June '16	Most Recent Bias Adjusted Factor Sept. '16	Distance Corrected Result	Final result for LAQM use	Data Capture %	Comments		
																												March '16	April '16
CE16	31 The Crescent	Disleigh	Roadside	Y	A6 Disleigh	63.37	77.43	64.37	68.99	50.71	66.63	71.00	66.09	58.24	70.53	61.39	43.41	63.51		57.16	57.16	55.89	55.26	52.97	52.97	100			
CE19	58 Buxton Road	Disleigh	Roadside	Y	A6 Disleigh	46.84	61.91		43.49	49.47	43.86	46.62	44.86	40.81	50.44	50.82	34.03	46.65		41.99	41.99	41.05	40.59	35.33	35.33	92			
CE82	78 Buxton Road	Disleigh	Roadside	Y	A6 Disleigh	32.03	33.09	28.90	27.54	26.25	22.70	25.18	21.52	24.48	31.47	24.52	15.90	26.13		23.52	23.52	23.00	22.73	22.68	22.68	100			
CE88	By RTA, Market Street, Disleigh	Disleigh	Roadside	Y	A6 Disleigh	62.74	60.80	52.72	48.65	47.77	46.70	50.85	44.52	33.45	41.66	48.95	32.00	47.57		42.81	42.81	41.86	41.38		41.38	100			

Key to colour coding
Below objective Within Range
Above Objective
Close to Objective

**Notes (all corrections applied in accordance with Defra's LAQM (TG16))**

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- Final result for LAQM use** The most up to date figures for that year.

Site ID	Town	Category	AQMA	AQMA Name	2016 NO <sub>2</sub> Mean Concentrations (µg/m <sup>3</sup> )												Previous bias factors		0.97		0.94		0.92		Most recent 2016 bias factor		0.92							
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean										Data Capture %	Comments						
																	Raw Data	Annualised result	Previous Bias Adjusted Factor March '17	Previous Bias Adjusted Factor April '17	Previous Bias Adjusted Factor June '17	Most Recent Bias Adjusted Factor October '17	Distance Corrected Result	Final result for LAQM use	March '17				April '17		June '17		October '17	
CE16	31 The Crescent	Disley	Roadside	Y	A6 Disley	62.64	70.55	66.73	69.00	66.36	69.86	62.17	49.63	66.87	59.17	83.63	73.30	66.66		64.66	62.66	61.33	61.33	58.66	58.66	100								
CE19	58 Buxton Road	Disley	Roadside	Y	A6 Disley	49.60	53.53	40.01	53.35	44.10	44.14	43.77	36.99	46.25	44.71	61.15	49.39	47.25		45.83	44.41	43.47	43.47	37.48	37.48	100								
CE82	78 Buxton Road	Disley	Roadside	N	A6 Disley	27.31	28.34	22.94	30.68	21.29	25.88	20.56	19.85	21.64	24.17	34.56	27.77	25.42		24.65	23.89	23.38	23.38	23.32	23.32	100								
CE88	By RTA, Market Street, Disley	Disley	Kerbside	Y	A6 Disley	46.82	58.86	46.10	60.20	45.61	43.22	49.02	38.80	44.75	35.88	60.91	50.13	48.36		46.91	45.46	44.49	44.49		44.49	100								

Key to colour coding	
Below objective	Within Range
Above Objective	
Close to Objective	

**Notes (all corrections applied in accordance with Defra's LAQM (TG16)).**

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- Final result for LAQM use** The most up to date figures for that year.

Site ID	Address	Town	Category	AQMA	AQMA Name	2017 NO <sub>2</sub> Mean Concentrations (µg/m <sup>3</sup> )												Previous bias factors				Most recent 2017 bias factor								
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean					March '18							
						Raw Data	Annualised result	Previous Bias Adjusted Factor March '18	Previous Bias Adjusted Factor XXXXX '18	Previous Bias Adjusted Factor XXXXX '18	Most Recent Bias Adjusted Factor XXXX '18	Distance Corrected Result	Final result for LACM use	Data Capture %	Comments For 2018															
CE16	31 The Crescent	Disley	Roadside	Y	A6 Disley	82.16	73.30	67.50	70.80	61.06	65.58	61.96	43.66	62.71				65.42											75	
CE19	58 Buxton Road	Disley	Roadside	Y	A6 Disley	64.53	48.77	50.38		41.64	51.67	48.44	34.34	48.10				48.48											67	
CE82	78 Buxton Road	Disley	Roadside	Y	A6 Disley	35.63	27.63	25.94	27.71	23.41	24.26	24.89	18.72	21.27				25.50											75	
CE277	9 Market Street	Disley	Roadside	Y	A6 Disley	79.68	73.78	68.61	81.53	65.56	66.34	59.69	49.74	67.16				68.01											75	
CE284	127 Buxton Road	Disley	Roadside	Y	A6 Disley							32.44	34.98	27.25	34.53			32.30											33	

Key to colour coding
Below objective Within Range
Above Objective
Close to Objective

**Notes**

Correction factors have not been applied as the year is not yet complete