

Measured Baseline Sound Pressure Levels 24hr
Site location 5 Meldon Road Manchester

Start date & time	LAeq	LAmx	LAmn	L01	L10	L50	L90	L95
18/10/2023 13:00:00	52.1	69.7	39.6	60.3	53.8	48.3	45.1	43.1
18/10/2023 13:15:00	51.6	72.8	36.2	61.0	55.7	49.9	44.5	43.0
18/10/2023 13:30:00	53.8	88.0	32.5	52.3	43.4	37.9	45.3	34.6
18/10/2023 13:45:00	48.3	82.9	31.6	55.6	47.6	36.8	41.4	33.8
18/10/2023 14:00:00	47.9	65.8	30.2	48.4	37.3	34.2	42.4	31.9
18/10/2023 14:15:00	49.8	62.5	31.5	46.6	40.2	37.0	41.9	34.2
18/10/2023 14:30:00	52.4	61.4	34.5	51.4	47.5	40.2	45.6	37.0
18/10/2023 14:45:00	46.1	77.3	36.4	52.1	45.4	42.1	42.7	39.1
18/10/2023 15:00:00	47.5	66.8	39.0	58.0	49.4	44.4	42.2	41.8
18/10/2023 15:15:00	48.6	75.3	42.0	56.0	49.0	46.0	44.2	43.8
18/10/2023 15:30:00	56.1	73.4	43.0	61.1	51.1	47.2	47.2	44.8
18/10/2023 15:45:00	59.4	76.5	43.8	65.9	53.6	48.7	53.4	45.9
18/10/2023 16:00:00	50.3	87.6	43.9	58.5	51.9	48.5	46.6	46.2
18/10/2023 16:15:00	50.4	74.6	44.8	56.5	51.6	49.0	47.2	46.8
18/10/2023 16:30:00	54.6	79.1	45.8	64.5	54.8	50.1	47.9	47.4
18/10/2023 16:45:00	49.6	78.5	44.6	57.0	50.8	48.1	46.4	46.0
18/10/2023 17:00:00	47.7	79.4	41.9	54.3	49.2	46.6	44.8	44.3
18/10/2023 17:15:00	46.2	82.0	41.4	52.0	47.9	45.3	43.4	42.9
18/10/2023 17:30:00	45.0	69.0	40.0	52.9	46.1	43.7	42.1	41.7
18/10/2023 17:45:00	54.9	71.9	38.8	48.4	44.6	42.5	48.0	40.7
18/10/2023 18:00:00	53.0	63.7	38.0	49.1	44.2	41.8	47.2	39.8
18/10/2023 18:15:00	46.5	66.4	36.2	46.2	42.6	40.4	43.9	38.4
18/10/2023 18:30:00	44.3	76.8	34.3	45.3	41.0	38.3	40.4	35.9
18/10/2023 18:45:00	47.5	77.3	32.7	43.7	38.7	36.2	43.7	34.3
18/10/2023 19:00:00	45.9	69.5	32.4	40.1	37.6	35.3	40.9	33.6
18/10/2023 19:15:00	44.8	79.8	31.4	38.6	36.1	34.2	39.0	32.7
18/10/2023 19:30:00	48.0	65.6	30.5	46.9	35.6	33.1	43.9	31.6
18/10/2023 19:45:00	47.2	62.9	30.5	48.5	36.4	33.1	44.8	31.4
18/10/2023 20:00:00	49.8	62.8	33.0	49.8	45.3	38.9	42.1	35.5
18/10/2023 20:15:00	44.7	69.7	36.3	56.0	45.3	40.7	40.8	38.3
18/10/2023 20:30:00	50.7	70.6	38.7	62.3	52.9	45.4	43.4	40.8
18/10/2023 20:45:00	54.7	90.3	40.4	61.1	52.0	45.8	45.3	42.7
18/10/2023 21:00:00	50.6	68.2	41.1	58.1	50.2	46.1	43.9	43.3
18/10/2023 21:15:00	48.0	74.2	40.5	56.4	49.6	45.7	43.3	42.7
18/10/2023 21:30:00	48.4	67.7	40.7	57.1	51.0	45.8	42.4	42.8
18/10/2023 21:45:00	48.6	69.4	41.5	57.7	50.6	46.2	42.1	43.6
18/10/2023 22:00:00	49.6	80.4	41.6	58.7	51.2	46.0	43.7	43.3
18/10/2023 22:15:00	46.9	68.6	40.0	55.7	49.0	44.5	42.2	41.6
18/10/2023 22:30:00	48.5	65.8	40.0	57.7	50.4	46.4	43.3	42.5
18/10/2023 22:45:00	54.4	89.2	42.1	59.3	50.5	46.1	45.3	43.9
18/10/2023 23:00:00	46.9	70.7	38.3	56.3	48.5	44.2	41.4	40.7

Start date & time	LAeq	LAmaz	LAmín	L01	L10	L50	L90	L95
18/10/2023 23:15:00	52.9	86.6	46.8	68.3	57.5	51.3	47.7	48.1
18/10/2023 23:30:00	55.5	77.2	43.5	61.6	55.1	52.1	51.4	46.8
18/10/2023 23:45:00	53.6	74.2	43.3	63.1	54.0	48.9	49.6	46.0
19/10/2023 00:00:00	54.0	79.4	43.0	61.0	57.0	48.3	49.8	45.2
19/10/2023 00:15:00	52.6	73.2	42.7	61.3	52.6	48.8	45.6	44.8
19/10/2023 00:30:00	51.7	70.4	41.0	59.9	51.3	46.5	44.8	43.3
19/10/2023 00:45:00	47.6	79.9	40.1	57.0	48.9	45.2	42.5	42.0
19/10/2023 01:00:00	43.8	67.8	37.9	55.6	47.4	42.7	39.7	39.3
19/10/2023 01:15:00	41.7	88.9	36.3	55.3	48.3	41.0	38.8	38.4
19/10/2023 01:30:00	40.4	53.7	34.9	49.1	43.3	37.7	36.4	36.0
19/10/2023 01:45:00	44.4	53.2	34.6	48.5	43.5	38.1	39.6	36.3
19/10/2023 02:00:00	43.5	68.5	34.9	52.1	43.7	37.9	38.4	36.1
19/10/2023 02:15:00	41.3	56.9	35.2	49.5	44.0	38.9	36.9	36.5
19/10/2023 02:30:00	40.2	76.4	37.5	56.8	49.1	43.6	37.8	40.2
19/10/2023 02:45:00	41.4	85.4	40.6	62.3	56.7	46.3	36.8	43.1
19/10/2023 03:00:00	42.8	70.1	43.6	62.6	55.3	49.0	39.3	45.7
19/10/2023 03:15:00	42.4	79.0	44.4	60.8	54.0	49.7	39.3	46.7
19/10/2023 03:30:00	44.2	75.9	45.1	62.1	56.5	51.8	40.8	48.0
19/10/2023 03:45:00	44.1	76.4	45.7	64.1	55.8	51.0	39.4	47.8
19/10/2023 04:00:00	43.7	74.0	46.3	61.7	55.7	51.5	40.9	48.3
19/10/2023 04:15:00	49.0	77.3	45.4	61.4	55.5	50.6	42.0	47.5
19/10/2023 04:30:00	45.3	77.0	44.9	62.5	55.2	51.0	38.0	47.4
19/10/2023 04:45:00	45.5	77.2	43.9	61.6	54.6	50.1	40.0	46.4
19/10/2023 05:00:00	46.4	80.1	43.1	62.3	55.5	50.1	41.0	46.4
19/10/2023 05:15:00	50.8	74.4	43.9	64.6	55.7	50.1	44.1	46.4
19/10/2023 05:30:00	53.5	71.8	43.3	60.8	56.3	48.8	49.1	45.4

19/10/2023 05:45:00	53.7	83.1	42.8	60.7	55.8	49.0	45.6	44.9
19/10/2023 06:00:00	55.2	72.0	42.2	59.1	54.6	48.1	49.9	44.3
19/10/2023 06:15:00	55.5	74.1	42.7	59.4	56.1	52.7	49.2	45.3
19/10/2023 06:30:00	54.6	74.4	42.0	61.3	57.5	53.1	49.7	46.6
19/10/2023 06:45:00	55.7	72.7	42.7	63.4	58.4	53.9	50.8	47.7
19/10/2023 07:00:00	59.3	90.0	40.0	64.5	58.3	52.1	51.8	46.6
19/10/2023 07:15:00	56.0	78.1	49.6	64.5	58.3	50.9	49.9	43.6
19/10/2023 07:30:00	55.9	74.7	48.0	64.6	58.9	53.2	48.3	46.8
19/10/2023 07:45:00	52.6	71.0	45.3	61.9	55.7	49.8	43.1	40.9
19/10/2023 08:00:00	55.2	70.3	43.3	55.1	44.7	37.5	45.3	44.8
19/10/2023 08:15:00	51.0	60.9	42.6	45.9	40.0	35.9	44.3	43.9
19/10/2023 08:30:00	50.8	66.6	42.2	54.0	41.5	36.6	45.4	39.0
19/10/2023 08:45:00	53.6	68.7	44.4	58.4	46.7	41.9	47.5	46.8
19/10/2023 09:00:00	61.5	85.3	45.7	76.7	59.1	45.7	53.1	48.8
19/10/2023 09:15:00	59.2	81.8	38.5	71.1	55.5	47.5	53.9	42.1
19/10/2023 09:30:00	54.9	69.4	41.5	61.6	54.8	48.4	47.6	43.9
19/10/2023 09:45:00	52.5	75.4	42.6	61.2	54.9	49.6	45.9	45.1
19/10/2023 10:00:00	52.2	73.0	41.9	60.2	54.4	49.9	46.3	45.5
19/10/2023 10:15:00	53.1	73.3	43.1	61.4	56.1	50.3	46.7	45.9
19/10/2023 10:30:00	52.8	74.4	42.3	61.9	55.0	50.0	46.3	45.4
19/10/2023 10:45:00	52.5	67.1	42.7	60.5	54.9	50.2	46.7	45.7
19/10/2023 11:00:00	53.4	69.5	43.3	62.9	55.5	50.4	46.7	46.0
19/10/2023 11:15:00	53.8	67.8	43.8	63.7	56.1	50.0	46.7	46.1
19/10/2023 11:30:00	51.0	68.4	43.1	59.5	53.6	48.3	45.5	44.9
19/10/2023 11:45:00	50.9	73.0	42.5	60.6	53.0	48.0	45.3	44.8
19/10/2023 12:00:00	52.0	78.0	41.6	60.6	55.0	47.8	44.4	43.8
19/10/2023 12:15:00	50.9	86.8	41.0	58.8	52.5	46.7	43.8	43.3
19/10/2023 12:30:00	54.7	69.5	41.7	61.2	58.4	52.3	45.4	44.5
19/10/2023 12:45:00	56.7	73.7	41.7	63.8	59.3	55.2	48.5	46.4
19/10/2023 13:00:00	53.5	93.9	27.4	62.0	56.7	50.5	45.9	45.0

Measured Sound Pressure Octave Band Levels at Site Location

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
DAY	53.2	49.2	47.1	46.1	42.1	36.8
NIGHT	48.4	42.6	41.9	39.9	35.0	30.9

	LA eq T	LA90 T	TIME
DAY	59	52	16hr
NIGHT	52	49	8hr