

LBRUT Air Quality Monitoring results for Royal Parks and surrounding areas Aug 2020 - Dec 2024 inclusive

Full site details and spotcheck PM2.5 data in ug/m3 for Royal Parks Aug - Dec 2020

Site code	Site address	post code	eastin g	northi ng	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
RP 01	Ham Gate jcn Signpost	TW10 5HW	519163	171838	3.1	3.4	2.7	3.1	14.3
RP 02	Kingston Gate jcn Signpost	KT2 5JN	519269	170619	1.9	3.4	2.7	3.7	15.3
RP 03	Pen Ponds nr car park, centre of pk	SW15 3PF	521193	172290	2	3	5	3.3	18.2
RP 04	Roehampton Gate jcn Signpost	SW15 5JY	521174	174179	2.7	4.1	2.4	2.3	11.7
RP 05	Holly Lodge turn-off Signpost	TW10 5HU	519436	173676	2.2	2.8	2.3	2.5	13
RP 06	Richmond Gate jcn Signpost	TW10 5HU	518469	173751	2.1	4.3	3.2	3.4	16.3
BP 07	Bushy park - Pheasantry sign post	TW11 0BS	515929	170005	1.7	2.4	2.3	4.8	7
BP 08	Bushy park - HC gate sign post	KT8 9DD	515797	169074	1.4	2.4	2.1	4.8	5.9
RP 09	Church Grove, nr Montessori	KT1 4AL	517395	169462	1.5	4.1	3.5	4.7	19.3
RP 10	LC001 top of Star & Garter Hill	TW10 5HU	518554	173682	2.3	9.9	6.1	34.3	18.4
RP 11	LC 189 Hmpt Ct Rd (nr Kingston)	KT1 4AE	517456	169342	2.4	7.3	5.4	49.1	26.4
RP 12	A308 nr Thames Motor Yatch	KT8 9BD	515371	168705	2.6	7.1	6.6	45.9	16.9

UK annual mean:PM2.5 = 20ug/m3 by 2020; London Mayoral Objective annual mean: 10 ug/m3 by 2030;

WHO guidelines annual mean = 5ug/m3

Spot check PM2.5 data in ug/m3 for Royal Parks 2021

Site code	Site address	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
RP 01	Ham Gate jcn Signpost	6.5	6.3	9.3	7.5	1.9	4.7	4.7	2.4	2	1.4	5.6	11
RP 02	Kingston Gate jcn Signpost	7.1	7.2	9.2	6.7	1.4	5.1	4.9	2	2.4	2	4.8	8.4
RP 03	Pen Ponds nr car park, centre of pk	6.5	7.6	11.6	7.8	1.4	4.4	4.2	2.4	2.5	1.1	5.7	8.8
RP 04	Roehampton Gate jcn Signpost	6.9	7.5	11.5	9.5	1.3	4.8	5	2.4	2.4	1.5	6.5	9.3
RP 05	Holly Lodge turn-off Signpost	5.9	7.6	12.6	7.4	0.9	4.9	4.5	2.2	2	1	3.3	10.8
RP 06	Richmond Gate jcn Signpost	7.1	7.2	11.2	6.8	2.1	5.7	5.3	2.6	2.2	1.4	6.2	10.4
BP 07	Bushy park - Pheasantry sign post	4.5	5.8	8.8	4.2	2.4	3.1	7.9	1.9	5.2	1	3.3	9.5
BP 08	Bushy park - HC gate sign post	4.5	5.6	8.6	3.7	2.1	3.6	7.9	2.4	5	1	2.9	9.1
RP 09	Church Grove, nr Montessori	6.6	5.6	7.6	6.2	1.7	3.7	9.6	3.9	6.9	1.9	3.2	8.4
RP 10	LC001 top of Star & Garter Hill	6.1	7.7	7.7	7.1	1.4	5	12.7	3.7	8.5	3.9	6.9	8.4
RP 11	LC 189 Hmpt Ct Rd (nr Kingston)	5.2	7.7	5.7	3.5	1.7	4.7	12.7	4.6	9.3	2.9	6.8	9.7
RP 12	A308 nr Thames Motor Yatch	5.4	7.8	6.8	7	3.7	5.4	12.3	5.6	8.3	3.1	11.7	9.5

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Spot check PM2.5 data in ug/m3 for Royal Parks 2022

Site code	Site address	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
RP 01	Ham Gate jcn Signpost	7.5	4	7.7	15.4	8.1	1.3	1.2	1.5	2.5	2.8	8	4.7
RP 02	Kingston Gate jcn Signpost	7.8	4.4	8.6	14	9	1.5	1.4	2	*5.3	3	5.5	5.2
RP 03	Pen Ponds nr car park, centre of pk	8.1	4.1	7.8	17.8	11.4	1.6	1.3	1.6	2.1	2.6	8.6	4.8
RP 04	Roehampton Gate jcn Signpost	7.7	4.0	8.5	20.3	11.4	1.7	1	1.6	3.2	4.5	8.7	5
RP 05	Holly Lodge turn-off Signpost	7.6	4.2	8.2	14.5	12	1.3	1.2	1.9	2.3	2.1	3.8	4.3
RP 06	Richmond Gate jcn Signpost	6.9	7.0	8.7	16.2	14	2.7	1.4	2.1	2.8	4	4	4.7
BP 07	Bushy park - Pheasantry sign post	7.2	3.6	5.9	29.2	8.2	1.1	1	2.4	2.1	1.9	5	*20.7
BP 08	Bushy park - HC gate sign post	7.3	3.5	6.7	27.4	9.2	1.2	0.7	2.6	2.1	2	5.7	*24.7
RP 09	Church Grove, nr Montessori	6.9	4.7	7.5	32.3	9.2	1.3	2.8	3.2	3.1	2.8	5.9	*22.3
RP 10	LC001 top of Star & Garter Hill	7.8	4.6	7.7	15.6	14.6	2.6	1.4	2.7	3	4.1	4	7.1
RP 11	LC 189 Hmpt Ct Rd (nr Kingston)	9.6	6.8	16.3	31.6	13.8	2	3	4.5	2.8	4.1	6.2	*19.7
RP 12	A308 nr Thames Motor Yatch	10.5	8.1	14.7	24.4	14.2	2.1	3.1	3.5	2.8	4	6.6	*20.7

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Spot check PM2.5 data in ug/m3 for Royal Parks 2023

Site code	Site address	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
RP 01	Ham Gate jcn Signpost	5	11.6	2.4	7	5.9	4.8	3.9	2.5	7.2	6.5	2.4	3.7
RP 02	Kingston Gate jcn Signpost	8	10.4	2.7	8.3	6.5	5.2	3.5	*3.3	7	11.3	2.9	2.3
RP 03	Pen Ponds nr car park, centre of pk	4	12.1	2.7	7.4	6.9	5.6	3.8	1.1	7.2	8.8	2.9	3.2
RP 04	Roehampton Gate jcn Signpost	3.7	11.6	3.2	7.6	6.7	5.5	4.5	1.3	8.8	13.6	2.9	3.1
RP 05	Holly Lodge turn-off Signpost	3.6	8.8	2.7	4.5	6	4.8	4	1	9.7	11.4	3.3	5.8
RP 06	Richmond Gate jcn Signpost	4	10.4	2.9	5.4	6.3	5.6	4.6	1.2	10.2	11.7	3.4	4.3
BP 07	Bushy park - Pheasantry sign post	4.8	7.9	2.8	5.4	5.7	5.2	4.1	1.5	5.2	3.1	5.1	3.2
BP 08	Bushy park - HC gate sign post	3.5	7.1	2.5	5	5.8	5	4.2	1.4	6	3.1	4.4	3.2
RP 09	Church Grove, nr Montessori	9.3	12.1	2.7	5.8	5.8	5.7	5.7	1.9	6.2	2.8	6.1	4.4
RP 10	LC001 top of Star & Garter Hill	8.6	14.7	2.3	5.4	6.3	5.1	4.8	2.5	10.7	12.2	3.1	4.3
RP 11	LC 189 Hmpt Ct Rd (nr Kingston)	8.7	12.9	2.3	9	7	8	6	2.4	5.8	12.2	5.8	5.8
RP 12	A308 nr Thames Motor Yatch	8.8	12.5	2.7	*10.9	7.8	8.1	6.3	3	7.4	14.7	6.4	4.8

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Spot check PM2.5 data in ug/m3 for Royal Parks 2024

Site code	Site address	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
RP 01	Ham Gate jcn Signpost	6.7	5.2	7.5	5.8	5.9	6.1	1.3	4.9	5.6	3.5	43.5	5.8
RP 02	Kingston Gate jcn Signpost	6.2	5.5	7.5	4.4	6	6.8	1.5	5	5.9	3.8	42.9	5.6
RP 03	Pen Ponds nr car park, centre of park	6.3	7.2	8	5.7	5.9	6.2	2.3	4.9	6	4.3	48.8	6.1
RP 04	Roehampton Gate jcn Signpost	7.1	6.5	7.5	4.3	6.2	6.3	2.1	4.9	5.8	4.7	48.2	6.6
RP 05	Holly Lodge turn-off Signpost	8	5.8	7.5	5.5	5.8	5.5	2.4	6.1	6.1	3.6	44.4	6
RP 06	Richmond Gate jcn Signpost	8.3	5.8	9	6	6.2	5.8	3.5	4.6	6.9	4.6	49.4	5.6
RP 07	Bushy park - Pheasantry sign post	5.2	5.5	7	2.5	6.2	5.3	2.2	2.9	2.2	3.7	39	5.5
RP 08	Bushy park - HC gate sign post	5.2	5.6	7	2.2	6.2	6.4	2.3	2.9	2.6	3.1	39.9	5.2
RP 09	LC 005 Sandy Lane, Montessori	5.8	5.6	7	2.6	6.1	7	2	3.1	3.1	3.7	39.4	5.2
RP 10	LC001 top of Star & Garter Hill	7.9	6.4	12	7.5	7.1	6.4	4	5.1	6.8	4.5	47.3	6.4
RP 11	LC 189 Hmpt Ct Rd (nr Kingston)	8.3	8	13	9.9	6.7	6.2	2	6.2	6.1	6.5	55.9	6.6
RP 12	LC 054 A308 nr Thames Motor Yatch	8.4	8.3	13	10.9	6.8	6.2	3.7	5.9	6.3	7	54.9	6.5

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