

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

Full site details and spot check PM10 data in ug/m3 for Royal Parks Aug - Dec 2020

Site code	Site address	post code	easting	northing	Aug-20	Sep-20	Oct-2020	Nov-20	Dec-20
RP 01	Ham Gate jcn Signpost	TW10 5HW	519163	171838	8.4	7.6	15.3	9.8	17.3
RP 02	Kingston Gate jcn Signpost	KT2 5JN	519269	170619	7.6	8.5	9.9	8.9	24.1
RP 03	Pen Ponds nr car park, centre of pk	SW15 3PF	521193	172290	6.8	8.7	9.5	9.8	19.7
RP 04	Roehampton Gate jcn Signpost	SW15 5JY	521174	174179	8	10.6	13.9	6	14.7
RP 05	Holly Lodge turn-off Signpost	TW10 5HU	519436	173676	5.2	7.5	5.8	4.3	17.2
RP 06	Richmond Gate jcn Signpost	TW10 5HU	518469	173751	6.2	11.4	11.4	11.2	27
BP 07	Bushy park - Pheasantry sign post	TW11 0BS	515929	170005	4.7	6.9	6.2	10.5	21.4
BP 08	Bushy park - HC gate sign post	KT8 9DD	515797	169074	5.6	6.8	6	10.4	16.4
RP 09	Church Grove, nr Montessori	KT1 4AL	517395	169462	7.8	13.7	12.7	11.6	26.1
RP 10	LC001 top of Star & Garter Hill	TW10 5HU	518554	173682	7.4	21.7	19.9	*52.6	21.9
RP 11	LC 189 Hmpt Ct Rd (nr Kingston)	KT1 4AE	517456	169342	10.1	15.9	18.4	*67.2	40.7
RP 12	A308 nr Hmptn Ct brg	KT8 9BD	515371	168705	9.1	14.2	14.5	*61.7	24.6

*fireworks
residue?

UK limit value: PM10 = 40ug/m3; WHO guidelines = 15ug/m3

Spot check PM10 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	14.7	12.3	23.3	19.6	4.2	14.6	15.7	9.5	7	4.5	13.6	17
RP 02	Kingston Gate jcn Signpost	16.2	11.4	23.7	24.1	5.5	13.1	13.5	12.3	4.9	6.2	13.5	38.6
RP 03	Pen Ponds nr car park, centre of pk	16.7	16	23.7	19.8	3.9	15.4	14.7	7.8	6.3	4.7	15	42.7
RP 04	Roehampton Gate jcn Signpost	15.4	14.3	22.5	20.7	3.6	13.6	14.1	7.8	7	4.2	11.5	46.9
RP 05	Holly Lodge turn-off Signpost	12	20.1	22.6	16.7	4.8	10.6	15.7	10.6	4.6	4.6	8.9	25
RP 06	Richmond Gate jcn Signpost	16	14.4	24.9	20.2	6.8	14.3	18.9	9.2	5.9	6.2	15.3	37.6
BP 07	Bushy park - Pheasantry sign post	12.7	10.9	26.9	9.9	5	9.3	11.5	4.7	11.4	4.4	9.2	15
BP 08	Bushy park - HC gate sign post	12.7	10.3	26.5	11.5	4.5	8.7	10.9	5.7	11.2	4.8	8.6	14.3
RP 09	Church Grove, nr Montessori	16.6	15.3	26.1	16.5	4.5	10.2	18.2	10.2	13.1	4.9	9.1	38.9
RP 10	LC001 top of Star & Garter Hill	14.6	22.7	24.5	17.6	11.9	14.2	15.5	9	19.3	11.2	13.2	52.6
RP 11	LC 189 Hmpt Ct Rd (nr Kingston)	14.1	16.3	45.7	14.8	4.3	12.9	19.6	10.4	21.4	10.8	16.7	39
RP 12	A308 nr Hmptn Ct brg	16.7	18.8	60.8	33.2	7.8	11.8	20.7	13.7	19.8	10.6	19.7	41.6

pollution
episode

pollution
episode

UK limit value: PM10 = 40ug/m3; WHO guidelines = 15ug/m3

NB From time to time the UK experiences "episodes" when PM's can be blown over from afar which can last for several days

Spot check PM10 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	18.4	8.1	18.1	25.8	12.8	5	4.4	4.9	10.7	8	18.7	14.7
RP 02	Kingston Gate jcn Signpost	18.9	14.9	18.5	21.3	18.9	4.8	7.1	6.6	*20.3	9.8	13.6	14.3
RP 03	Pen Ponds nr car park, centre of pk	19.6	10.1	29.8	26.3	16.7	9.5	5.5	6.6	13.2	6.9	18.6	14.2
RP 04	Roehampton Gate jcn Signpost	16.7	10.8	26.9	28.5	16.6	5.5	4.2	6.3	12.6	9.7	15.7	14.3
RP 05	Holly Lodge turn-off Signpost	15.4	10.7	22.3	26	14.8	6.5	5	4.9	9	6	6.8	14.4
RP 06	Richmond Gate jcn Signpost	22.3	11.2	18.8	24.4	20.5	6.7	6.2	6.8	12.6	9.3	12.2	17.8
BP 07	Bushy park - Pheasantry sign post	15	10.9	12.5	39.7	12.1	4.5	3.4	7.5	12	5.6	14.6	*29.3
BP 08	Bushy park - HC gate sign post	14.7	6.5	16.4	38.3	13.6	4.6	2.9	8.6	12.6	6.1	18.1	*32.7
RP 09	Church Grove, nr Montessori	19.7	23.3	27.2	42	14.6	4.8	5.7	9.2	15.1	11.2	14.7	*33.1
RP 10	LC001 top of Star & Garter Hill	18.6	17.1	38.6	32.6	18.2	8.8	6.8	10.4	17.2	14.6	13.7	*23
RP 11	LC 189 Hmpt Ct Rd (nr Kingston)	37.8	14.7	20.8	31.6	18.6	11.3	8.4	12.6	12.1	15.3	15.2	*28.1
RP 12	A308 nr Hmptn Ct brg	39.6	18.4	20.0	34.4	20.8	8.9	8.8	11.3	12.1	14.8	15.4	*37.6

UK limit value: PM10 = 40ug/m3; WHO guidelines = 15ug/m3

NB From time to time the UK experiences "episodes" when PM's can be blown over from afar which can last for several days

pollution
episode

* strong
smell of
smoke/b
onfire

*
30/11/22
- 1/12/22
pollution
episode

Spot check PM10 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	7.2	25.2	7	16.5	17.6	9.1	9.7	6.3	21.6	11	9.3	13.2
RP 02	Kingston Gate jcn Signpost	8.5	31.1	7.3	16.7	17.9	10.6	12.8	*9.5	21.2	16.7	12.8	18.2
RP 03	Pen Ponds nr car park, centre of pk	8.5	27.2	5.8	14.3	18.2	9.6	10.8	4.8	20.8	11.6	11.1	10.4
RP 04	Roehampton Gate jcn Signpost	5.6	23.5	10.3	16.5	15.8	10.6	12.2	3.5	21.4	20.7	10	10.2
RP 05	Holly Lodge turn-off Signpost	6.5	26.5	8.8	12.7	14.4	9.3	6.9	3	20.4	16.2	9	13.8
RP 06	Richmond Gate jcn Signpost	8.5	26.7	10.3	17.6	15	12.5	14.8	4.8	25.8	16.4	14.6	11.4
BP 07	Bushy park - Pheasantry sign post	8.8	14.7	5.5	11.1	16.2	12.4	8.8	5.2	16.5	7.75	15.3	9.8
BP 08	Bushy park - HC gate sign post	8.8	13.7	5.9	12.1	17.1	10.3	10.2	3.8	15.2	8.75	11.1	9.9
RP 09	Church Grove, nr Montessori	15.4	22.3	15.1	12.2	20.4	11.6	*24.2	8.1	19.4	10.3	19.8	11.2
RP 10	LC001 top of Star & Garter Hill	17.5	35.4	10	14.4	16.8	12.8	13.6	7.6	26.7	19.7	14.7	14.6
RP 11	LC 189 Hmpt Ct Rd (nr Kingston)	17.3	32.7	9.1	16.8	18.9	20.1	15.1	10.2	27	22	19.6	15.7
RP 12	A308 nr Hmptn Ct brg	16.8	32.4	11.1	*20.3	19.1	25.8	15	10.1	26.8	26.7	21.2	15.2

* fun

UK limit value: PM10 = 40ug/m3;
30/1/23
+ 1/2/23

fare
opposite

*building
work nr

WHO guidelines annual mean = 15ug/m3
pollution
episode

NB From time to time the UK experiences "episodes" when PM's can be blown over from afar which can last for several days

Spot check PM10 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	15.8	9.1	14	10.4	10.6	7.7	3.5	14.2	13.3	6.4	52.9	13.1
RP 02	Kingston Gate jcn Signpost	15.9	14.2	20	10.7	10.9	8.1	5	14.3	13.5	8.5	56.5	12.6
RP 03	Pen Ponds nr car park, centre of park	15.5	8.1	18.5	9.4	10.6	8.4	10.9	20	10.8	9.1	58.6	14.7
RP 04	Roehampton Gate jcn Signpost	16.6	10.5	20	9.7	10.8	7.4	10.2	14.1	12.7	10.8	58.5	19.3
RP 05	Holly Lodge turn-off Signpost	15.5	11.6	18	12.1	10.6	8.7	7.1	12.5	12.6	8	54.5	14.9
RP 06	Richmond Gate jcn Signpost	16.1	14.4	23	15.7	10.7	8.8	11.9	15.2	13.4	8.2	57.9	20.6
RP 07	Bushy park - Pheasantry sign post	11.3	11	14.5	4.5	10.7	11.9	5.5	5.5	4.6	8.3	44.3	12.4
RP 08	Bushy park - HC gate sign post	11.2	10.8	14	4.5	10.8	11.7	7.1	7.6	4.5	8.6	44.7	12.5
RP 09	LC 005 Sandy Lane, Montessori	14.3	10.5	15	9.7	10.9	12.2	5.5	18.1	7.3	15.1	43.3	12.7
RP 10	LC001 top of Star & Garter Hill	18.6	17.4	20	21.5	12.8	9.1	10.8	16.8	13.6	10.5	59.4	21.5
RP 11	LC 189 Hmpt Ct Rd (nr Kingston)	17.9	17.8	24	21.6	11.6	12.7	9.5	18.2	13.6	15.4	67.8	23.6
RP 12	A308 nr Hmptn Ct brg	17.3	16.4	25	23.2	11.9	11.5	11.7	16.9	13.8	17.1	67	23.9

UK limit value: PM10 = 40ug/m3; WHO guidelines annual mean = 15ug/m3

NB From time to time the UK experiences "episodes" when PM's can be blown over from afar which can last for several days

fireworks
residue?