

**Jahreskenngößen der  
Luftqualität in Nordrhein-Westfalen  
PM<sub>10</sub> und Inhaltsstoffe / PM<sub>2,5</sub>  
Jahresmittelwerte und Überschreitungshäufigkeiten 01.01.2018 bis 31.12.2018**

(T=B) Das Volumen bezieht sich auf Betriebs-/Umgebungsbedingungen

Stationen	Kürzel	PM <sub>10</sub> Mittelw. µg/m³ (T=B)	n TW>50 <sup>1)</sup>	Arsen ng/m³ (T=B)	Blei µg/m³ (T=B)	Cadmium ng/m³ (T=B)	Chrom ng/m³ (T=B)	Eisen µg/m³ (T=B)	Nickel ng/m³ (T=B)	Zink µg/m³ (T=B)	Benzo[a]- pyren ng/m³ (T=B)	Levo- glucosan ng/m³ (T=B)	PM <sub>2,5</sub> µg/m³ (T=B)
Aachen Wilhelmstraße	VACW	20	8	0.6	0.01	0.2	---	---	0.7	---	0.14	135	---
Aachen-Burtscheid	AABU	---	---	---	---	---	---	---	---	---	---	---	11
Bielefeld-Ost	BIEL	17	6	0.5	0.00	0.1	---	---	0.1	---	0.19	161	14
Borken-Gemen	BORG	19	6	---	---	---	---	---	---	---	0.16	154	---
Bottrp-Welheim	BOTT	21	5	1.0	0.01	0.3	---	---	1.2	---	1.73	---	---
Dortmund Steinstraße	VDOR	---	---	---	---	---	---	---	---	---	---	---	14
Dortmund-Eving	DMD2	20	6	0.7	0.01	0.2	---	---	2.6	---	0.18	153	14
Duisburg Bergstraße 48	DUUM	22	8	1.1	0.12	0.3	---	1.14	10.8	---	---	---	---
Duisburg Kardinal-Galen-Straße	VDUI	21	9	0.7	0.01	0.2	---	---	1.7	---	0.20	143	---
Duisburg Kiebitzmühlenstraße	DUM2	25	8	1.0	0.03	0.3	---	1.67	2.7	0.11	0.27	159	---
Duisburg-Bruckhausen	DUB2	25	13	1.1	0.03	0.3	---	1.53	5.9	0.16	0.28	152	---
Duisburg-Bruckhausen Eilperhofstr.	DUB3	27	16	1.3	0.05	0.4	---	1.95	5.6	0.30	0.27	152	---
Duisburg-Buchholz	BUCH	19	6	---	---	---	---	---	---	---	---	---	---
Duisburg-Walsum	WALS	20	6	0.8	0.02	0.2	---	---	1.4	---	0.27	175	---
Düsseldorf Corneliussstraße	DDCS	25	13	0.7	0.01	0.2	---	---	1.9	---	0.21	---	16
Düsseldorf-Lörick	LOER	---	---	---	---	---	---	---	---	---	---	---	12
Eschweiler Auf dem Pesch	ESWE	20	11	0.7	0.01	0.5	57.7	0.37	1.3	---	---	---	---
Essen-Ost Steeler Straße	VESN	---	---	---	---	---	---	---	---	---	---	---	15
Essen-Schuir (LANUV)	ELAN	---	---	---	---	---	---	---	---	---	---	---	13
Essen-Vogelheim	VOG	---	---	---	---	---	---	---	---	---	---	---	14
Gelsenkirchen Grothusstraße	GEGS	23	11	---	---	---	---	---	---	---	---	---	---
Gelsenkirchen-Bismarck	GELS	19	8	---	---	---	---	---	---	---	0.22	179	---
Grevenbroich-Gustorf	GRGG	24	11	---	---	---	---	---	---	---	---	---	---
Krefeld (Hafen)	KRHA	24	17	0.8	0.02	0.3	---	---	1.3	---	0.15	111	---
Köln Turiner Straße	VKTU	20	6	---	---	---	---	---	---	---	0.13	138	---
Köln-Chorweiler	CHOR	18	6	0.5	0.01	0.1	---	---	0.5	---	0.15	152	13
Lünen Frydagstraße	LUMI	30	36	1.7	0.02	0.4	---	---	8.2	---	---	---	---
Lünen Viktoriastraße	LUEV	20	6	2.7	0.03	0.3	---	---	1.9	---	---	---	---
Mönchengladbach Düsseldorf Straße	VMGR	19	4	---	---	---	---	---	---	---	0.19	186	---
Mülheim-Styrum	STYR	19	6	0.8	0.01	0.2	---	---	1.5	---	0.21	151	14
Münster-Geist	MSGE	---	---	---	---	---	---	---	---	---	---	---	14
Niederzier	NIZI	25	28	---	---	---	---	---	---	---	0.12	132	---
Simmerath (Eifel)	EIFE	10	0	---	---	---	---	---	---	---	0.06	66	9
Soest-Ost	SOES	17	3	---	---	---	---	---	---	---	---	113	---
Stolberg Heinrich-Böll-Platz	STOH	17	5	5.3	0.10	4.7	---	---	0.1	---	---	---	---
Witten-Mitte	WIM3	20	7	0.8	0.01	0.2	40.5	0.89	10.3	---	---	---	---
Wuppertal Gathe	VWEL	21	5	---	---	---	---	---	---	---	0.19	144	---
Wuppertal-Langerfeld	WULA	---	---	---	---	---	---	---	---	---	---	---	12

<sup>1)</sup> Anzahl der Tagesmittelwerte > 50 µg/m³ hochgerechnet auf das Kalenderjahr. (ausgenommen tägliche Messungen)

<sup>2)</sup> kein vollständiges Messjahr

Stationen	Kürzel	Benzo[a]- pyren ng/m³ (T=B)	Benzo[a]- anthracen ng/m³ (T=B)	Benzo[j]- fluoranthren ng/m³ (T=B)	Benzo[b]- fluoranthren ng/m³ (T=B)	Benzo[k]- fluoranthren ng/m³ (T=B)	Dibenz[ah]- anthracen ng/m³ (T=B)	Indeno- pyren ng/m³ (T=B)
Bottrp-Welheim	BOTT	1.73	1.52	1.43	4.10	1.51	0.37	2.21
Mülheim-Styrum	STYR	0.21	0.16	0.21	0.42	0.16	0.03	0.30

Stand: 05.04.2019

**Jahreskenngrößen der  
Luftqualität in Nordrhein-Westfalen  
PM<sub>10</sub> und Inhaltsstoffe / PM<sub>2,5</sub>  
Anzahl Messungen 01.01.2018 bis 31.12.2018**

Stationen	Kürzel	Messzeitraum		PM <sub>10</sub> n	Arsen n	Blei n	Cadmium n	Chrom n	Eisen n	Nickel n	Zink n	Benzo[a]- pyren n	Levo- glucosan n	PM <sub>2,5</sub> n
		Beginn	Ende											
Aachen Wilhelmstraße	VACW	01.01.2018	31.12.2018	364	364	364	364	---	---	364	---	12	12	---
Aachen-Burtscheid	AABU	01.01.2018	31.12.2018	---	---	---	---	---	---	---	---	---	---	181
Bielefeld-Ost	BIEL	01.01.2018	31.12.2018	182	182	182	181	---	---	182	---	12	12	180
Borken-Gemen	BORG	01.01.2018	30.12.2018	182	---	---	---	---	---	---	---	12	12	---
Botrop-Welheim	BOTT	01.01.2018	31.12.2018	364	364	364	364	---	---	364	---	364	---	---
Dortmund Steinstraße	VDOR	01.01.2018	31.12.2018	---	---	---	---	---	---	---	---	---	---	181
Dortmund-Eving	DMD2	01.01.2018	30.12.2018	181	181	181	181	---	---	181	---	12	12	300
Duisburg Bergstraße 48	DUUM	01.01.2018	31.12.2018	362	362	362	362	---	362	362	---	---	---	---
Duisburg Kardinal-Galen-Straße	VDUI	01.01.2018	31.12.2018	357	357	357	357	---	---	357	---	12	12	---
Duisburg Kiebitzmühlenstraße	DUM2	01.01.2018	31.12.2018	362	362	362	362	---	362	362	362	12	12	---
Duisburg-Bruckhausen	DUB2	01.01.2018	31.12.2018	363	363	363	363	---	363	363	363	12	12	---
Duisburg-Bruckhausen Eilperhofstr.	DUB3	01.01.2018	31.12.2018	348	348	348	348	---	348	348	348	12	12	---
Duisburg-Buchholz	BUCH	01.01.2018	30.12.2018	181	---	---	---	---	---	---	---	---	---	---
Duisburg-Walsum	WALS	01.01.2018	31.12.2018	180	180	180	180	---	---	180	---	12	12	---
Düsseldorf Corneliusstraße	DDCS	01.01.2018	31.12.2018	362	362	362	362	---	---	362	---	362	---	44
Düsseldorf-Lörick	LOER	01.01.2018	31.12.2018	---	---	---	---	---	---	---	---	---	---	363
Eschweiler Auf dem Pesch	ESWE	01.01.2018	31.12.2018	363	363	363	363	363	363	363	---	---	---	---
Essen-Ost Steeler Straße	VESN	02.01.2018	30.12.2018	---	---	---	---	---	---	---	---	---	---	175
Essen-Schuir (LANUV)	ELAN	01.01.2018	31.12.2018	---	---	---	---	---	---	---	---	---	---	362
Essen-Vogelheim	EVOG	01.01.2018	31.12.2018	---	---	---	---	---	---	---	---	---	---	363
Gelsenkirchen Grothusstraße	GEKS	01.01.2018	31.12.2018	349	---	---	---	---	---	---	---	---	---	---
Gelsenkirchen-Bismarck	GELS	01.01.2018	31.12.2018	182	---	---	---	---	---	---	---	12	12	---
Grevenbroich-Gustorf	GRGG	01.01.2018	31.12.2018	363	---	---	---	---	---	---	---	---	---	---
Krefeld (Hafen)	KRHA	01.01.2018	31.12.2018	364	364	364	364	---	---	364	---	12	12	---
Köln Turiner Straße	VKTU	01.01.2018	31.12.2018	364	---	---	---	---	---	---	---	12	12	---
Köln-Chorweiler	CHOR	01.01.2018	31.12.2018	183	183	183	183	---	---	183	---	12	12	159
Lünen Frydagstraße	LUMI	01.01.2018	31.12.2018	364	364	364	364	---	---	364	---	---	---	---
Lünen Viktoriastraße	LUEV	01.01.2018	31.12.2018	182	182	182	182	---	---	182	---	---	---	---
Mönchengladbach Düsseldorf Straße	VMGR	01.01.2018	31.12.2018	363	---	---	---	---	---	0	---	12	12	---
Mülheim-Styrum	STYR	01.01.2018	31.12.2018	360	360	360	360	---	---	360	---	360	271	181
Münster-Geist	MSGE	01.01.2018	31.12.2018	---	---	---	---	---	---	---	---	---	---	182
Niederzier	NIZI	01.01.2018	31.12.2018	364	---	---	---	---	---	---	---	12	12	---
Simmerath (Eifel)	EIFE	01.01.2018	30.12.2018	182	---	---	---	---	---	---	---	12	12	172
Soest-Ost	SOES	01.01.2018	31.12.2018	363	---	---	---	---	---	---	---	---	364	---
Stolberg Heinrich-Böll-Platz	STOH	01.01.2018	31.12.2018	364	364	364	364	---	---	364	---	---	---	---
Witten-Mitte	WIM3	01.01.2018	31.12.2018	364	364	364	364	364	364	364	---	---	---	---
Wuppertal Gathe	VWEL	01.01.2018	31.12.2018	361	---	---	---	---	---	---	---	12	12	---
Wuppertal-Langerfeld	WULA	01.01.2018	31.12.2018	---	---	---	---	---	---	---	---	---	---	360

Stationen	Kürzel	Messzeitraum		Benzo[a]- pyren n	Benz[a]- anthracen n	Benzo[j]- fluoranthen n	Benzo[b]- fluoranthen n	Benzo[k]- fluoranthen n	Dibenz[ah]- anthracen n	Indeno- pyren n
		Beginn	Ende							
Botrop-Welheim	BOTT	01.01.2018	31.12.2018	364	364	364	364	364	364	364
Mülheim-Styrum	STYR	01.01.2018	31.12.2018	360	360	360	360	360	360	360

Stand: 14.02.2019