

**Jahreskenngößen der
Luftqualität in Nordrhein-Westfalen
PM₁₀ und Inhaltsstoffe / PM_{2,5}
Jahresmittelwerte und Überschreitungshäufigkeiten 01.01.2020 bis 31.12.2020**

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

Stationen	Kürzel	PM ₁₀ Mittelw. µg/m³ (T=B)	n TW>50 ¹⁾	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 _{2,5} µg/m³ (T=B)
Aachen Wilhelmstraße	VACW	17	1	0,4	0,01	0,2	8,3	1,2	1,4	0,03	0,1	140	---
Aachen-Burtscheid	AABU	---	---	---	---	---	---	---	---	---	---	---	8
Bielefeld-Ost	BIEL	14	2	---	---	---	---	---	---	---	0,2	172	10
Borken-Gemen	BORG	16	0	---	---	---	---	---	---	---	0,1	197	---
Bottrop-Welheim	BOTT	16	0	---	---	---	---	---	---	---	1,1	---	---
Dortmund-Eving	DMD2	15	0	---	---	---	---	---	---	---	0,1	170	10
Duisburg Bergstraße 48	DUUM	19	2	1,1	0,17	0,3	---	1,22	6,9	---	---	---	---
Duisburg Kardinal-Galen-Straße	VDUI	18	2	0,6	0,01	0,2	---	---	1,9	---	0,2	140	---
Duisburg Kiebitzmühlenstraße	DUM2	23	4	1,1	0,03	0,3	---	2,15	2,9	0,12	0,2	173	---
Duisburg-Bruckhausen	DUB2	21	5	1,1	0,02	0,3	---	1,60	4,8	0,14	0,3	192	---
Duisburg-Bruckhausen Eilperhofstr.	DUB3	23	10	1,3	0,03	0,3	---	2,06	4,9	0,23	0,2	158	---
Duisburg-Buchholz	BUCH	16	0	---	---	---	---	---	---	---	---	---	---
Duisburg-Walsum	WALS	17	0	0,7	0,02	0,2	---	---	1,7	---	0,3	169	---
Düsseldorf Corneliusstraße	DDCS	20	4	0,5	0,004	0,1	10,6	1,52	2,0	0,04	0,1	---	13
Düsseldorf-Lörick	LOER	---	---	---	---	---	---	---	---	---	---	---	9
Eschweiler Auf dem Pesch	ESWE	15	0	0,5	0,01	0,4	48,0	0,29	1,1	---	---	---	---
Essen-Ost Steeler Straße	VESN	---	---	---	---	---	---	---	---	---	---	---	11
Essen-Schuir (LANUV)	ELAN	---	---	---	---	---	---	---	---	---	---	---	8
Essen-Vogelheim	EVOG	---	---	---	---	---	---	---	---	---	---	---	12
Gelsenkirchen Grothusstraße	GECS	17	0	---	---	---	---	---	---	---	---	---	---
Gelsenkirchen-Bismarck	GELS	14	0	---	---	---	---	---	---	---	0,2	191	---
Grevenbroich-Gustorf	GRGG	20	4	---	---	---	---	---	---	---	---	---	---
Krefeld (Hafen)	KRHA	21	10	---	---	---	---	---	---	---	0,1	142	---
Köln Turiner Straße	VKTU	15	0	---	---	---	---	---	---	---	0,1	147	---
Köln-Chorweiler	CHOR	15	6	0,4	0,004	0,1	---	---	1,1	---	0,1	177	10
Lünen Frydagstraße	LUMI	23	14	1,6	0,02	0,3	---	---	5,2	---	---	---	---
Lünen Viktoriastraße	LUEV	17	2	5,1	0,04	0,3	---	---	2,8	---	---	---	---
Lünen-Niederaden	NIED	---	---	---	---	---	---	---	---	---	---	---	10
Mönchengladbach-Rheydt	MGRH	16	1	---	---	---	---	---	---	---	0,1	149	---
Mülheim-Styrum	STYR	15	1	0,6	0,01	0,2	---	---	2,3	---	0,2	---	10
Münster-Geist	MSGE	---	---	---	---	---	---	---	---	---	---	---	10
Niederzier	NIZI	19	12	---	---	---	---	---	---	---	0,1	137	---
Simmerath (Eifel)	EIFE	8	0	---	---	---	---	---	---	---	0,03	75	6
Soest-Ost	SOES	13	0	0,3	0,003	0,1	1,5	0,21	0,6	0,02	---	121	---
Stolberg Heinrich-Böll-Platz	STOH	13	1	3,3	0,07	4,1	---	---	1,0	---	---	---	---
Witten-Mitte	WIM3	16	1	0,6	0,01	0,2	33,3	0,71	7,7	---	---	---	---
Wuppertal Gathe	VWEL	18	0	---	---	---	---	---	---	---	0,1	156	---
Wuppertal-Langerfeld	WULA	---	---	---	---	---	---	---	---	---	---	---	9

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

²⁾ 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)
Bottrop-Welheim	BOTT	1,1	0,9	1,1	3,2	1,1	0,2	1,5
Mülheim-Styrum	STYR	0,2	0,1	0,1	0,3	0,1	0,0	0,2

Stand: 04.03.2021

**Jahreskenngrößen der
Luftqualität in Nordrhein-Westfalen
PM₁₀ und Inhaltsstoffe / PM_{2,5}
Anzahl Messungen 01.01.2020 bis 31.12.2020**

Stationen	Kürzel	Messzeitraum		PM ₁₀ n	Arsen n	Blei n	Cadmium n	Chrom n	Eisen n	Nickel n	Zink n	Benzo[a]- pyren n	Levo- glucosan n	PM _{2,5} n
		Beginn	Ende											
Aachen Wilhelmstraße	VACW	01.01.2020	31.12.2020	361	361	361	361	361	361	361	361	12	12	---
Aachen-Burtscheid	AABU	01.01.2020	31.12.2020	---	---	---	---	---	---	---	---	---	---	135
Bielefeld-Ost	BIEL	01.01.2020	30.12.2020	183	---	---	---	---	---	---	---	12	183	183
Borken-Gemen	BORG	01.01.2020	31.12.2020	181	---	---	---	---	---	---	---	12	12	---
Botrop-Welheim	BOTT	01.01.2020	31.12.2020	363	---	---	---	---	---	---	---	363	---	---
Dortmund-Eving	DMD2	01.01.2020	31.12.2020	182	---	---	---	---	---	---	---	12	12	355
Duisburg Bergstraße 48	DUUM	01.01.2020	31.12.2020	366	366	366	366	---	366	365	0	---	---	---
Duisburg Kardinal-Galen-Straße	VDUI	01.01.2020	31.12.2020	360	360	360	360	---	0	360	0	12	12	---
Duisburg Kiebitzmühlenstraße	DUM2	01.01.2020	31.12.2020	360	360	360	360	---	360	360	360	12	12	---
Duisburg-Bruckhausen	DUB2	01.01.2020	31.12.2020	364	364	364	364	---	364	364	364	12	12	---
Duisburg-Bruckhausen Eilperhofstr.	DUB3	01.01.2020	31.12.2020	182	182	182	182	---	182	182	182	12	12	---
Duisburg-Buchholz	BUCH	02.01.2020	31.12.2020	183	---	---	---	---	---	---	---	---	---	---
Duisburg-Walsum	WALS	01.01.2020	30.12.2020	182	182	182	182	---	---	182	---	12	182	---
Düsseldorf Corneliussstraße	DDCS	01.01.2020	31.12.2020	350	350	350	350	350	350	350	350	---	---	360
Düsseldorf-Lörick	LOER	01.01.2020	31.12.2020	---	---	---	---	---	---	---	---	---	---	360
Eschweiler Auf dem Pesch	ESWE	02.01.2020	31.12.2020	180	180	180	180	180	180	180	---	---	---	---
Essen-Ost Steeler Straße	VESN	02.01.2020	31.12.2020	---	---	---	---	---	---	---	---	---	---	181
Essen-Schuir (LANUV)	ELAN	01.01.2020	31.12.2020	---	---	---	---	---	---	---	---	---	---	364
Essen-Vogelheim	EVOG	01.01.2020	31.12.2020	---	---	---	---	---	---	---	---	---	---	360
Gelsenkirchen Grothusstraße	GEGS	01.01.2020	30.12.2020	181	---	---	---	---	---	---	---	---	---	---
Gelsenkirchen-Bismarck	GELS	01.01.2020	30.12.2020	182	---	---	---	---	---	---	---	12	12	---
Grevenbroich-Gustorf	GRGG	01.01.2020	30.12.2020	183	---	---	---	---	---	---	---	---	---	---
Krefeld (Hafen)	KRHA	01.01.2020	30.12.2020	182	---	---	---	---	---	---	---	12	12	---
Köln Turiner Straße	VKTU	01.01.2020	31.12.2020	363	---	---	---	---	---	---	---	12	12	---
Köln-Chorweiler	CHOR	01.01.2020	30.12.2020	181	181	181	181	---	---	181	---	12	12	183
Lünen Frydagstraße	LUMI	01.01.2020	31.12.2020	365	365	365	365	---	---	365	---	---	---	---
Lünen Viktoriastraße	LUEV	01.01.2020	31.12.2020	174	174	174	174	---	---	174	---	---	---	---
Lünen-Niederaden	NIED	01.01.2020	31.12.2020	---	---	---	---	---	---	---	---	---	---	183
Mönchengladbach-Rheydt	MGRH	01.01.2020	31.12.2020	363	---	---	---	---	---	---	---	12	12	---
Mülheim-Styrum	STYR	01.01.2020	31.12.2020	363	363	363	363	---	---	363	---	363	---	172
Münster-Geist	MSGE	01.01.2020	30.12.2020	---	---	---	---	---	---	---	---	---	---	181
Niederzier	NIZI	01.01.2020	31.12.2020	181	---	---	---	---	---	---	---	12	12	---
Simmerath (Eifel)	EIFE	01.01.2020	31.12.2020	183	---	---	---	---	---	---	---	12	12	180
Soest-Ost	SOES	01.01.2020	31.12.2020	362	362	362	362	362	362	362	362	---	362	---
Stolberg Heinrich-Böll-Platz	STOH	01.01.2020	31.12.2020	364	364	364	364	---	---	364	---	---	---	---
Witten-Mitte	WIM3	01.01.2020	31.12.2020	364	364	364	364	364	364	364	---	---	---	---
Wuppertal Gathe	VWEL	01.01.2020	30.12.2020	183	---	---	---	---	---	---	---	12	12	---
Wuppertal-Langerfeld	WULA	01.01.2020	31.12.2020	---	---	---	---	---	---	---	---	---	---	363

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	01.01.2019	31.12.2020	363	363	363	363	363	363	363
Mülheim-Styrum	STYR	01.01.2019	31.12.2020	356	356	356	356	356	356	356

Stand: 04.03.2021