

**Jahreskenngößen der
Luftqualität in Nordrhein-Westfalen
PM₁₀ und Inhaltsstoffe / PM_{2,5}
Jahresmittelwerte und Überschreitungshäufigkeiten 01.01.2021 bis 31.12.2021**

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

Stationen	Kürzel	PM ₁₀		Arsen ng/m ³ (T=B)	Blei µg/m ³ (T=B)	Cadmium ng/m ³ (T=B)	Chrom ng/m ³ (T=B)	Eisen µg/m ³ (T=B)	Nickel ng/m ³ (T=B)	Zink µg/m ³ (T=B)	Benzo[a]- pyren ng/m ³ (T=B)	Levo- glucosan ng/m ³ (T=B)	PM _{2,5} µg/m ³ (T=B)
		Mittelw. µg/m ³ (T=B)	n TW-50 ¹⁾										
Aachen Wilhelmstraße	VACW	18	1	0,4	0,01	0,2	8,4	1,2	1,1	0,04	0,1	127	---
Aachen-Burtscheid	AABU	---	---	---	---	---	---	---	---	---	---	---	9
Bielefeld-Ost	BIEL	14	0	---	---	---	---	---	---	---	0,2	168	11
Borken-Gemen	BORG	16	8	---	---	---	---	---	---	---	0,1	181	---
Bottrop-Welheim	BOTT	16	3	---	---	---	---	---	---	---	0,6	---	---
Dortmund-Eving	DMD2	16	8	---	---	---	---	---	---	---	0,1	144	11
Duisburg Bergstraße 48	DUUM	19	4	1,3	0,22	0,3	---	1,11	9,7	---	---	---	---
Duisburg Kardinal-Galen-Straße	VDUI	19	3	0,8	0,02	0,3	---	---	1,9	---	0,2	141	---
Duisburg Kiebitzmühlenstraße	DUM2	24	7	1,3	0,04	0,3	---	2,10	2,8	0,11	0,2	180	---
Duisburg-Bruckhausen	DUB2	21	4	1,1	0,03	0,3	---	1,49	4,8	0,11	0,4	192	---
Duisburg-Ehingen	DUEH	16	0	---	---	---	---	---	---	---	0,5	---	---
Duisburg-Walsum	WALS	17	2	0,8	0,02	0,2	---	---	1,6	---	0,3	196	---
Düsseldorf Corneliusstraße	DDCS	21	4	0,5	0,01	0,1	10,2	1,48	1,9	0,04	0,2	---	13
Düsseldorf-Lörick	LOER	---	---	---	---	---	---	---	---	---	---	---	10
Eschweiler Auf dem Pesch	ESWE	15	2	0,4	0,01	0,2	58,8	0,27	1,0	---	---	---	---
Essen-Ost Steeler Straße	VESN	---	---	---	---	---	---	---	---	---	---	---	12
Essen-Schuir (LANUV)	ELAN	---	---	---	---	---	---	---	---	---	---	---	9
Essen-Vogelheim	EVOG	---	---	---	---	---	---	---	---	---	---	---	12
Gelsenkirchen Grothusstraße	GEGS	19	4	---	---	---	---	---	---	---	---	---	---
Gelsenkirchen-Bismarck	GELS	16	2	---	---	---	---	---	---	---	0,2	182	---
Grevenbroich-Gustorf	GRGG	20	10	---	---	---	---	---	---	---	---	---	---
Krefeld (Hafen)	KRHA	18	0	---	---	---	---	---	---	---	0,1	161	---
Köln Turiner Straße	VKTU	16	2	---	---	---	---	---	---	---	0,1	140	---
Köln-Chorweiler	CHOR	15	0	0,4	0,00	0,1	---	---	0,7	---	0,1	148	11
Lünen Frydagstraße	LUMI	25	17	1,8	0,019	0,3	---	---	7,8	---	---	---	---
Lünen Viktoriastraße	LUEV	17	3	3,6	0,04	0,3	---	---	2,2	---	---	---	---
Lünen-Niederaden	NIED	---	---	---	---	---	---	---	---	---	---	---	11
Mönchengladbach-Rheydt	MGRH	16	1	---	---	---	---	---	---	---	0,1	157	---
Mülheim-Styrum	STYR	15	0	0,7	0,01	0,2	---	---	1,7	---	0,2	---	11
Münster-Geist	MSGE	---	---	---	---	---	---	---	---	---	---	---	11
Nettetal-Kaldenkirchen	NETT ²⁾	10	0	---	---	---	---	---	---	---	---	---	---
Niederzier	NIZI	18	4	---	---	---	---	---	---	---	0,1	135	---
Simmerath (Eifel)	EIFE	8	0	---	---	---	---	---	---	---	0,03	71	6
Soest-Ost	SOES	13	1	0,3	0,003	0,1	1,6	0,21	0,5	0,02	---	115	---
Stolberg Aachener Straße	STOA	15	0	4,5	0,07	3,4	---	---	1,0	---	---	---	---
Stolberg Brauereistraße	STOB ²⁾	13	0	5,3	0,09	4,3	---	---	1,8	---	---	---	---
Stolberg EWW	STOE ²⁾	15	0	5,6	0,08	3,8	---	---	0,8	---	---	---	---
Stolberg Heinrich-Böll-Platz	STOH	15	0	2,1	0,03	1,2	---	---	0,7	---	---	---	---
Stolberg Kranensterz	STOK	13	0	2,7	0,04	2,2	---	---	0,8	---	---	---	---
Witten-Mitte	WIM3	17	1	0,7	0,01	0,2	27,5	0,73	7,3	---	---	---	---
Wuppertal Gathe	VWEL	18	2	---	---	---	---	---	---	---	0,1	157	---
Wuppertal-Langerfeld	WULA	---	---	---	---	---	---	---	---	---	---	---	10

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

²⁾ kein vollständiges Messjahr

Stationen	Kürzel	Benzo[a]- pyren ng/m ³ (T=B)	Benzo[a]- anthracen ng/m ³ (T=B)	Benzo[<i>l</i>]- fluoranthren ng/m ³ (T=B)	Benzo[<i>b</i>]- fluoranthren ng/m ³ (T=B)	Benzo[<i>k</i>]- fluoranthren ng/m ³ (T=B)	Dibenz[<i>ah</i>]- anthracen ng/m ³ (T=B)	Indeno- pyren ng/m ³ (T=B)
Bottrop-Welheim	BOTT	0,6	0,4	0,6	1,7	0,6	0,1	0,9
Duisburg-Ehingen	DUEH	0,5	0,5	0,4	1,1	0,4	0,1	0,6

Mülheim-Styrum	STYR	0,1	0,1	0,1	0,3	0,1	0,0	0,2
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**Jahreskenngößen der
Luftqualität in Nordrhein-Westfalen
PM₁₀ und Inhaltsstoffe / PM_{2,5}
Anzahl Messungen 01.01.2021 bis 31.12.2021**

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	01.01.2021	31.12.2021	361	361	361	361	361	361	361	361	12	12	---
Aachen-Burtscheid	AABU	02.01.2021	30.12.2021	---	---	---	---	---	---	---	---	---	---	180
Bielefeld-Ost	BIEL	01.01.2021	31.12.2021	180	---	---	---	---	---	---	---	12	177	183
Borken-Gemen	BORG	01.01.2021	30.12.2021	181	---	---	---	---	---	---	---	12	12	---
Bottrop-Welheim	BOTT	01.01.2021	31.12.2021	358	---	---	---	---	---	---	---	358	---	---
Dortmund-Eving	DMD2	01.01.2021	30.12.2021	182	---	---	---	---	---	---	---	12	12	364
Duisburg Bergstraße 48	DUUM	01.01.2021	31.12.2021	364	364	364	364	---	364	364	0	---	---	---
Duisburg Kardinal-Galen-Straße	VDUI	01.01.2021	31.12.2021	359	359	359	359	---	0	359	0	12	12	---
Duisburg Kiebitzmühlenstraße	DUM2	01.01.2021	31.12.2021	352	353	353	353	---	353	353	353	12	12	---
Duisburg-Bruckhausen	DUB2	01.01.2021	31.12.2021	365	365	365	365	---	365	365	365	12	12	---
Duisburg-Ehingen	DUEH	01.01.2021	31.12.2021	358	---	---	---	---	---	---	---	358	---	---
Duisburg-Walsum	WALS	01.01.2021	31.12.2021	183	183	183	183	---	---	183	---	12	165	---
Düsseldorf Corneliusstraße	DDCS	01.01.2021	31.12.2021	362	362	362	362	362	362	362	362	---	---	356
Düsseldorf-Lörick	LOER	01.01.2021	31.12.2021	---	---	---	---	---	---	---	---	---	---	355
Eschweiler Auf dem Pesch	ESWE	02.01.2021	30.12.2021	172	172	172	172	172	172	172	0	---	---	---
Essen-Ost Steeler Straße	VESN	02.01.2021	30.12.2021	---	---	---	---	---	---	---	---	---	---	182
Essen-Schuir (LANUV)	ELAN	01.01.2021	31.12.2021	---	---	---	---	---	---	---	---	---	---	363
Essen-Vogelheim	EVOG	01.01.2021	31.12.2021	---	---	---	---	---	---	---	---	---	---	349
Gelsenkirchen Grothusstraße	GEGS	01.01.2021	31.12.2021	181	---	---	---	---	---	---	---	---	---	---
Gelsenkirchen-Bismarck	GELS	01.01.2021	31.12.2021	181	---	---	---	---	---	---	---	12	12	---
Grevenbroich-Gustorf	GRGG	01.01.2021	31.12.2021	176	---	---	---	---	---	---	---	---	---	---
Krefeld (Hafen)	KRHA	01.01.2021	31.12.2021	180	---	---	---	---	---	---	---	12	12	---
Köln Turiner Straße	VKTU	01.01.2021	31.12.2021	363	---	---	---	---	---	---	---	12	12	---
Köln-Chorweiler	CHOR	01.01.2021	31.12.2021	183	183	183	183	---	---	183	---	12	12	183
Lünen Frydagstraße	LUMI	01.01.2021	31.12.2021	364	364	364	364	---	---	364	---	---	---	---
Lünen Viktoriastraße	LUEV	01.01.2021	31.12.2021	355	355	355	355	---	---	355	---	---	---	---
Lünen-Niederaden	NIED	02.01.2021	30.12.2021	---	---	---	---	---	---	---	---	---	---	182
Mönchengladbach-Rheydt	MGRH	01.01.2021	31.12.2021	364	---	---	---	---	---	---	---	12	12	---
Mülheim-Styrum	STYR	01.01.2021	31.12.2021	363	363	363	363	---	---	363	---	363	---	182
Münster-Geist	MSGE	01.01.2021	31.12.2021	---	---	---	---	---	---	---	---	---	---	183
Nettetal-Kaldenkirchen	NETT	24.12.2021	31.12.2021	8	---	---	---	---	---	---	---	---	---	---
Niederzier	NIZI	01.01.2021	30.12.2021	181	---	---	---	---	---	---	---	12	12	---
Simmerath (Eifel)	EIFE	01.01.2021	31.12.2021	180	---	---	---	---	---	---	---	12	12	180
Soest-Ost	SOES	01.01.2021	31.12.2021	364	364	364	364	364	364	364	364	---	363	---
Stolberg Aachener Straße	STOA	15.01.2021	31.12.2021	335	335	335	335	0	0	334	---	---	---	---
Stolberg Brauereistraße	STOB ²¹	01.01.2021	31.12.2021	349	349	349	349	0	0	349	---	---	---	---
Stolberg EVV	STOE ²¹	15.01.2021	19.07.2021	176	176	176	176	0	0	176	---	---	---	---
Stolberg Heinrich-Böll-Platz	STOH	01.01.2021	19.07.2021	184	184	184	184	0	0	184	---	---	---	---
Stolberg Kranensterz	STOK	15.01.2021	31.12.2021	351	351	351	351	0	0	351	---	---	---	---
Witten-Mitte	WIM3	01.01.2021	31.12.2021	362	362	362	362	362	362	362	---	---	---	---
Wuppertal Gathe	VWEL	01.01.2021	31.12.2021	182	---	---	---	---	---	---	---	12	12	---
Wuppertal-Langerfeld	WULA	01.01.2021	31.12.2021	---	---	---	---	---	---	---	---	---	---	362

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							
Bottrop-Welheim	BOTT	01.01.2021	31.12.2021	358	358	358	358	358	358	358
Duisburg-Ehingen	DUEH	01.01.2021	31.12.2021	358	358	358	358	358	358	358

Mülheim-Styrum	STYR	01.01.2021	31.12.2021	363	363	363	363	363	363	363
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