A_{Eo} : 321.58 km²
PNP : NHN+ 48.69 m
Lage : 27.47 km

Q
m³/s

Pegel : Albersloh Nr. 3259000000100
Gewässer : Werse
Gebiet : Obere Ems

Tageswerte

Tag	2012 Nov	2012 Dez	2013 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	0.346	0.499	4.67	11.8	2.67	1.18	0.700	0.622	0.909	0.348	0.323	0.327	0.462	0.858
2.	0.418	0.708	5.37	13.4	2.28	1.13	0.668	0.509	0.686	0.323	0.329	0.325	0.825	0.820
3.	0.392	0.796	4.55	9.18	2.07	1.04	0.674	0.462	0.543	0.331	0.337	0.320	1.25	0.822
4.	0.549	0.800	4.16	13.3	1.91	1.05	0.676	0.464	0.544	0.324	0.332	0.328	1.51	0.888
5.	0.710	1.32	3.88	14.0	1.89	1.05	0.649	0.451	0.435	0.304	0.319	0.325	2.78	1.05
6.	0.632	1.09	3.40	10.3	1.79	1.03	0.618	0.439	0.394	0.324	0.305	0.328	2.44	3.39
7.	0.535	0.885	2.96	7.24	1.54	0.946	0.643	0.456	0.377	0.353	0.307	0.358	3.66	2.62
8.	0.509	0.800	2.61	5.88	1.63	0.972	0.746	0.413	0.350	0.478	0.760	0.360	8.95	2.68
9.	0.430	0.881	2.84	4.88	2.04	1.06	0.864	0.654	0.331	0.421	0.761	0.357	5.89	2.33
10.	0.426	1.87	5.68	4.28	12.8	1.18	0.748	0.609	0.309	0.335	1.34	0.843	3.67	1.93
11.	0.505	1.81	6.46	3.65	10.5	1.51	0.575	0.430	0.321	0.314	3.52	0.571	2.52	1.65
12.	0.394	1.42	4.52	2.79	5.82	1.24	0.739	0.383	0.316	0.309	1.67	1.18	2.04	1.47
13.	0.374	1.26	3.22	2.37	4.09	1.51	0.792	0.400	0.313	0.303	0.770	0.748	1.70	1.38
14.	0.362	1.23	2.58	2.13	3.12	1.39	0.693	0.994	0.308	0.324	0.529	0.429	1.56	1.27
15.	0.362	5.33	2.21	2.08	2.56	1.18	0.609	0.587	0.306	0.320	0.560	0.571	1.34	1.15
16.	0.362	3.95	1.91	2.06	2.31	1.14	0.625	0.418	0.282	0.311	0.713	0.559	1.14	1.12
17.	0.362	5.01	1.65	2.18	2.28	1.20	0.913	0.377	0.289	0.314	0.609	0.431	1.13	1.10
18.	0.372	5.13	1.65	2.20	2.30	1.15	0.697	0.371	0.272	0.314	0.518	0.401	1.10	1.08
19.	0.448	4.88	1.63	2.20	1.93	0.936	0.559	0.572	0.281	1.04	0.488	0.383	1.04	1.30
20.	0.404	3.33	1.41	2.15	1.71	0.902	0.575	0.924	0.271	0.735	0.400	0.376	0.916	1.22
21.	0.385	2.98	1.27	1.89	1.91	0.885	0.692	1.88	0.279	0.397	0.413	0.366	0.848	1.04
22.	0.382	4.30	1.34	1.86	2.27	0.910	1.62	1.14	0.288	0.332	0.395	0.362	0.801	1.20
23.	0.385	17.7	1.29	1.68	2.13	0.885	1.17	0.747	0.288	0.338	0.394	0.515	0.723	3.70
24.	0.649	25.1	1.26	1.62	1.74	0.842	1.33	1.14	0.306	0.344	0.389	0.667	0.679	2.96
25.	0.479	15.8	1.22	1.80	1.56	0.795	0.979	0.849	0.387	0.513	0.354	0.417	0.686	6.32
26.	0.425	12.2	1.26	1.98	1.46	0.868	1.24	0.550	0.412	0.474	0.349	0.640	0.637	5.83
27.	0.724	12.5	1.53	3.00	1.34	1.65	1.24	0.658	0.384	0.330	0.350	0.504	0.611	3.58
28.	0.577	13.6	4.58	3.00	1.30	0.927	0.930	0.589	1.05	0.318	0.335	1.01	0.653	3.85
29.	0.531	8.80	18.4		1.31	0.778	0.803	1.77	0.367	0.310	0.339	0.771	0.709	5.10
30.	0.522	6.43	21.7		1.28	0.714	0.915	1.52	0.487	0.313	0.326	0.749	1.04	4.03
31.		4.89	16.2		1.26		0.672		0.371	0.318		0.533		3.30

Hauptwerte

	2012 Nov	2012 Dez	2013 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tag	1.	1.	25.	24.	31.	30.	19.	18.	20.	13.	6.	3.	1.	2.
NQ	0.346	0.499	1.22	1.62	1.26	0.714	0.559	0.371	0.271	0.303	0.305	0.320	0.462	0.820
MQ	0.465	5.40	4.43	4.82	2.74	1.07	0.818	0.713	0.402	0.381	0.618	0.518	1.78	2.29
HQ	0.885	26.3	25.3	18.1	16.2	2.31	2.62	2.62	1.54	1.76	5.31	1.76	9.96	9.21
Tag	5.+	23.+	29.+	4.	10.	13.	22.	29.	28.	19.	11.	12.	8.	25.
h_N mm	- ----	- ----	- ----	- ----	- ----	- ----	- ----	- ----	- ----	- ----	- ----	- ----	- ----	- ----
h_A mm	4	45	37	36	23	9	7	6	3	3	5	4	14	19

	1959/2012		1960/2013 54 Kalenderjahre											
Jahr	1964	1959	1960	1996	1960	1960	1973	1960	1973	1973	1973	1964	1964	1995
NQ	0.074	0.121	0.154	0.213	0.300	0.250	0.173	0.114	0.123	0.073	0.068	0.074	0.074	0.173
MNQ	0.730	1.20	1.55	1.61	1.47	1.05	0.530	0.408	0.370	0.340	0.366	0.466	0.735	1.22
MQ	3.18	5.44	5.99	5.21	4.64	2.88	1.71	1.07	1.26	1.03	1.27	1.66	3.21	5.48
MHQ	18.0	28.3	27.8	21.6	22.6	11.7	10.5	6.43	7.90	6.33	7.59	9.19	18.2	28.5
HQ	87.5	109	86.6	64.0	76.6	36.3	75.5	85.1	72.9	53.6	49.0	82.0	87.5	109
Jahr	1998	1960	2003	1970	1994	1962	1984	1981	1980	2007	1968	1998	1998	1960
Mh_N mm	68	74	65	53	62	53	67	74	79	74	70	61	69	75
Mh_A mm	26	45	50	39	39	23	14	9	11	9	10	14	26	46

		Abflussjahr (*) 2013 Jahr	Datum	Winter	Sommer	Kalenderjahr 2013 Jahr	Datum
NQ	m³/s	0.271	am 20.07.2013	0.346	0.271	0.271	am 20.07.2013
MQ	m³/s	1.85		3.15	0.574	1.70	
HQ	m³/s	26.3	am 23.12.2012 bei W = 169 cm	26.3	5.31	25.3	am 29.01.2013 bei W = 166 cm
Nq	l/(skm²)	0.843		1.08	0.843	0.843	
Mq	l/(skm²)	5.76		9.80	1.78	5.27	
Hq	l/(skm²)	81.8		81.8	16.5	78.8	
h_N	mm	- ----		- ----	- ----	- ----	
h_A	mm	182		153	29	167	

		1960/2013 (*) 54 Jahre				1960/2013	
NQ	m³/s	0.068	am 13.09.1973	0.074	0.068	0.068	am 13.09.1973
MNQ	m³/s	0.229		0.512	0.243	0.241	
MQ	m³/s	2.94		4.56	1.34	2.94	
MHQ	m³/s	48.5		44.7	22.5	48.6	
HQ	m³/s	109	am 05.12.1960 bei W = 399 cm	109	85.1	109	am 05.12.1960 bei W = 399 cm
HQ_1	m³/s	43.4					
HQ_5	m³/s	66.2					
MNq	l/(skm²)	0.711		1.59	0.757	0.751	
Mq	l/(skm²)	9.13		14.2	4.15	9.15	
MHq	l/(skm²)	151		139	69.8	151	
Mh_N	mm	770		362	410	771	
Mh_A	mm	288		222	66	289	

Dauertabelle

Unterschreitungsdauer in Tagen	Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2013	Kalenderjahr 2013	1960/2013 54 Kalenderjahre Obere Hüllkurve	Mittlere Werte	Untere Hüllkurve
364	25.1	21.7	96.6	36.1	9.59
363	21.7	18.4	58.4	29.6	6.24
362	18.4	16.2	57.9	25.2	5.86
361	17.7	14.0	46.5	22.8	5.63
360	16.2	13.4	41.5	21.3	4.71
359	15.8	13.3	38.0	19.7	4.54
358	14.0	12.8	31.2	18.4	4.49
357	13.6	11.8	30.2	17.4	4.48
356	13.4	10.5	26.9	16.4	4.33
350	10.5	6.32	22.6	13.0	4.07
340	5.38	4.58	16.2	9.74	3.06
330	4.52	3.67	12.9	7.47	2.64
320	3.33	3.00	11.7	6.09	2.19
300	2.20	2.28	9.03	4.43	1.75
270	1.65	1.68	6.13	2.96	1.24
240	1.24	1.30	4.56	2.10	0.844
210	0.927	1.10	3.16	1.53	0.596
183	0.749	0.909	2.52	1.18	0.460
150	0.609	0.713	2.06	0.866	0.250
130	0.529	0.637	1.87	0.723	0.216
120	0.488	0.575	1.71	0.664	0.196
110	0.439	0.543	1.66	0.609	0.185
100	0.418	0.478	1.53	0.557	0.177
90	0.395	0.430	1.44	0.510	0.165
80	0.383	0.400	1.31	0.463	0.156
70	0.367	0.377	1.21	0.420	0.147
60	0.354	0.357	1.13	0.382	0.117
50	0.337	0.337	1.07	0.344	0.095
40	0.328	0.328	1.00	0.317	0.086
30	0.321	0.321	0.868	0.288	0.086
25	0.318	0.318	0.832	0.274	0.086
20	0.313	0.313	0.789	0.257	0.081
15	0.309	0.309	0.755	0.244	0.080
10	0.305	0.305	0.733	0.216	0.074
9	0.304	0.304	0.724	0.208	0.074
8	0.303	0.303	0.710	0.200	0.074
7	0.289	0.289	0.709	0.195	0.074
6	0.288	0.288	0.699	0.185	0.074
5	0.288	0.288	0.675	0.177	0.074
4	0.282	0.282	0.657	0.165	0.074
3	0.281	0.281	0.646	0.156	0.074
2	0.279	0.279	0.645	0.139	0.074
1	0.272	0.272	0.633	0.086	0.073
0	0.271	0.271	0.558	0.068	0.068

Extremwerte

	Niedrigwasser (n) m³/s	l/(skm²)	Datum	Hochwasser m³/s	l/(skm²)	cm	Datum
1	0.068	0.212	13.09.1973	109	338	399	05.12.1960
2	0.074	0.230	14.10.1964	87.5	272	309	01.11.1998
3	0.114	0.354	19.06.1960	86.6	269	307	03.01.2003
4	0.122	0.379	06.08.1976	85.1	265	293	30.06.1981
5	0.122	0.379	19.10.1975	82.0	255	297	29.10.1998
6	0.136	0.422	14.09.1991	80.2	249	293	30.12.2002
7	0.136	0.424	20.07.1990	76.6	238	285	16.03.1994
8	0.140	0.437	25.08.1986	75.5	235	280	29.05.1984
9	0.141	0.438	22.07.1996	72.9	227	275	21.07.1980
10	0.142	0.442	18.08.1988	69.0	214	366	02.12.1961

(*) Abflussjahr: 1.11. des Vorjahres bis 31.10.
HQ1: DGJ, 4.3.3; HQ5: Log-Pearson-Verteilung

LANUV NRW