

A_{Eo} : 78.01 km²
 PNP : NHN+ 295.30 m
 Lage : 4.45 km oberhalb der Mündung rechts



Pegel : Bredelar Nr. 442700000100
 Gewässer: Hoppecke
 Gebiet : Oberweser

m³/s

Tag	2013		2014												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	0.406	1.46	1.21	0.687	0.733	0.353	0.443	1.75	0.628	1.48	0.943	0.458	0.657	0.567	
2.	0.453	1.60	1.23	0.678	0.697	0.364	0.411	1.51	0.550	1.36	0.873	0.440	0.628	0.547	
3.	0.640	1.67	1.18	0.644	0.620	0.355	0.403	1.34	0.513	1.32	0.826	0.432	0.619	0.487	
4.	0.685	1.71	1.17	0.636	0.586	0.321	0.402	1.20	0.482	1.27	0.771	0.417	0.633	0.455	
5.	1.16	1.75	1.18	0.647	0.597	0.308	0.378	1.13	0.460	1.33	0.731	0.411	0.710	0.441	
6.	1.64	1.78	1.14	0.665	0.564	0.306	0.366	0.900	0.430	1.09	0.733	0.396	0.619	0.420	
7.	2.31	1.61	1.56	0.781	0.551	0.310	0.529	0.811	0.456	1.00	0.735	0.521	0.571	0.414	
8.	4.04	1.83	1.77	0.876	0.519	0.324	0.427	0.728	1.04	0.917	0.672	0.532	0.538	0.485	
9.	4.04	2.16	1.96	0.903	0.498	0.339	0.478	1.10	2.90	0.866	0.639	1.01	0.517	0.448	
10.	3.48	2.34	2.25	0.904	0.476	0.348	0.744	1.05	3.60	0.819	0.593	0.975	0.501	0.457	
11.	2.73	2.40	2.28	0.928	0.481	0.314	0.879	1.35	3.37	0.774	0.596	0.856	0.491	0.550	
12.	2.28	2.32	2.18	0.924	0.497	0.287	0.786	1.10	3.32	0.751	0.557	0.824	0.494	0.668	
13.	2.01	2.12	2.04	0.982	0.471	0.283	0.781	0.949	2.78	0.785	0.536	0.821	0.470	1.32	
14.	1.73	1.89	1.88	1.02	0.460	0.345	0.774	0.872	2.38	0.785	0.521	0.770	0.468	1.15	
15.	1.50	1.69	1.72	0.981	0.467	0.350	0.735	0.809	1.88	0.686	0.499	0.728	0.456	1.16	
16.	1.31	1.51	1.57	1.02	0.521	0.301	0.700	0.741	1.58	0.768	0.487	0.725	0.468	1.16	
17.	1.19	1.34	1.43	0.991	0.478	0.278	0.680	0.709	1.35	0.689	0.461	0.709	0.855	1.25	
18.	1.10	1.22	1.28	0.999	0.458	0.301	0.651	0.650	1.17	0.733	0.445	0.652	0.743	1.36	
19.	1.02	1.18	1.17	1.01	0.520	0.285	0.614	0.604	1.01	0.680	0.466	0.618	0.722	2.03	
20.	1.06	1.08	1.09	0.995	0.470	0.269	0.564	0.590	0.919	0.698	0.466	0.620	0.704	3.19	
21.	0.914	0.964	1.03	1.04	0.445	0.287	0.518	0.545	3.79	0.756	0.774	0.632	0.700	3.60	
22.	0.844	0.922	0.976	1.00	0.457	0.417	0.477	0.520	3.47	0.640	0.762	1.15	0.699	3.55	
23.	0.840	1.01	0.914	0.944	0.491	0.366	0.622	0.482	2.91	0.662	0.637	1.01	0.700	3.44	
24.	0.897	0.910	0.897	0.902	0.436	0.315	0.519	0.468	2.49	0.623	0.576	0.940	0.723	3.38	
25.	0.903	1.16	0.823	0.818	0.426	0.293	0.464	0.578	2.09	0.609	0.560	0.903	0.673	3.51	
26.	0.900	1.14	0.844	0.807	0.418	0.339	0.493	0.477	1.75	1.13	0.537	0.876	0.675	3.36	
27.	0.906	1.10	0.830	0.781	0.400	0.582	1.53	0.427	1.50	1.17	0.526	0.833	0.666	3.11	
28.	1.00	1.11	0.806	0.770	0.386	0.571	1.70	0.485	1.30	1.03	0.504	0.800	0.636	2.70	
29.	1.07	1.34	0.756		0.376	0.479	2.15	0.838	1.81	1.00	0.488	0.779	0.610	2.33	
30.	1.33	1.22	0.712		0.368	0.458	2.20	0.697	1.91	0.957	0.487	0.753	0.589	2.01	
31.		1.21	0.648		0.362		2.00		1.63	1.03		0.697		1.84	
Tag	1.	24.	31.	4.	31.	20.	6.	27.	6.	25.	18.	6.	15.	7.	
NQ	0.406	0.910	0.648	0.636	0.362	0.269	0.366	0.427	0.430	0.609	0.445	0.396	0.456	0.414	
MQ	1.48	1.51	1.31	0.869	0.491	0.348	0.788	0.847	1.79	0.917	0.613	0.719	0.631	1.66	
HQ	4.35	2.48	2.44	1.18	0.770	1.28	2.30	2.66	6.11	1.64	1.32	1.36	1.29	3.79	
Tag	8.	11.	10.	21.	1.	22.	30.	9.	21.	3.	21.	22.	16.	24.	
h _N mm	49		45		17	12		28	61	31	20	25	21		
h _A mm		52		27			27						57		
	1975/2013		1976/2014 39 Kalenderjahre												
Jahr	1983	1978	1996	1996	2014	2014	1976	2011	1976	2003	2003	1976	1983	1978	
NQ	0.125	0.195	0.150	0.140	0.362	0.269	0.178	0.172	0.130	0.084	0.083	0.123	0.125	0.195	
MNQ	0.488	0.736	0.938	0.968	1.01	0.892	0.579	0.436	0.337	0.294	0.298	0.393	0.494	0.737	
MQ	1.27	1.96	2.48	2.08	2.39	1.71	1.02	0.820	0.666	0.542	0.650	0.771	1.28	1.99	
MHQ	3.70	6.61	7.77	6.02	6.74	3.74	2.59	2.38	2.27	1.73	2.12	2.05	3.71	6.68	
HQ	14.1	25.2	24.9	19.6	21.9	14.3	12.2	8.69	16.4	17.4	11.9	13.7	14.1	25.2	
Jahr	2007	1986	2011	1980	1999	1994	1984	1984	1980	2007	2007	1998	2007	1986	
Mh _N mm	42		85		82	57		27	23	19	22	26	43		
Mh _A mm		67		65			35						68		
	Abflussjahr (*) 2014				Kalenderjahr 2014				Unterschnittene Abflüsse m ³ /s						
	Jahr	Datum	Winter	Sommer	Jahr	Datum	1976/2014 39 Kalenderjahre								
								Unterschnittungs- dauer in Tagen	Abfluss- jahr (*) 2014	Kalender- jahr 2014	1976/2014 39 Kalenderjahre				
											Obere Hüllkurve	Mittlere Werte	Untere Hüllkurve		
NQ	m ³ /s	0.269	am 20.04.2014	0.269	0.366	0.269	am 20.04.2014	364	4.05	3.79	24.1	11.4	3.79		
MQ	m ³ /s	0.976		1.00	0.948	0.919		363	4.04	3.60	19.4	9.60	3.60		
HQ	m ³ /s	6.11	am 21.07.2014 bei W = 82.0 cm	4.35	6.11	6.11	am 21.07.2014 bei W = 82.0 cm	362	3.79	3.60	19.3	8.54	3.60		
								361	3.60	3.55	12.9	7.67	3.55		
								360	3.48	3.51	11.9	7.14	3.51		
Nq	l/(skm ²)	3.45		3.45	4.69	3.45		359	3.47	3.47	11.2	6.76	3.47		
Mq	l/(skm ²)	12.5		12.9	12.2	11.8		358	3.37	3.44	11.0	6.36	3.44		
Hq	l/(skm ²)	78.3		55.8	78.3	78.3		357	3.32	3.38	10.9	6.08	3.38		
								356	2.91	3.37	10.8	5.84	3.37		
								350	2.38	2.90	7.75	4.66	2.69		
h _N	mm							340	2.15	2.15	5.93	3.65	2.14		
h _A	mm	394		201	193	371		330	1.88	1.84	5.13	3.04	1.59		
								320	1.71	1.56	4.44	2.65	1.27		
								300	1.35	1.20	3.14	2.10	1.04		
								270	1.14	1.00	2.45	1.61	0.826		
								240	1.00	0.872	2.02	1.25	0.603		
								210	0.897	0.771	1.78	0.999	0.426		
NQ	m ³ /s	0.083	am 22.09.2003	0.125	0.083	0.083	am 22.09.2003	183	0.785	0.704	1.50	0.826	0.346		
MNQ	m ³ /s	0.195		0.398	0.222	0.217		150	0.697	0.636	1.25	0.665	0.243		
MQ	m ³ /s	1.36		1.99	0.744	1.36		130	0.640	0.589	1.16	0.583	0.219		
MHQ	m ³ /s	13.3		12.9	4.59	13.1		120	0.620	0.560	1.12	0.542	0.208		
HQ	m ³ /s	25.2	am 31.12.1986 bei W = 194 cm	25.2	17.4	25.2	am 31.12.1986 bei W = 194 cm	110	0.582	0.532	1.08	0.502	0.195		
HQ ₁	m ³ /s							100	0.545	0.518	1.03	0.465	0.195		
HQ ₅	m ³ /s							90	0.520	0.491	0.989	0.432	0.187		
								80	0.491	0.481	0.964	0.396	0.180		
								70	0.478	0.468	0.918	0.361	0.174		
MNq	l/(skm ²)	2.50		5.10	2.85	2.78		60	0.464	0.458	0.879	0.331	0.160		
Mq	l/(skm ²)	17.4		25.5	9.54	17.5		50	0.445	0.443	0.839	0.303	0.160		
MHq	l/(skm ²)	171		165	58.9	169		40	0.418	0.418	0.798	0.274	0.141		
								30	0.386	0.386	0.760	0.246	0.123		
Mh _N	mm							25	0.366	0.366	0.742	0.232	0.117		
Mh _A	mm	551		399	152	552		20	0.350	0.350	0.705	0.215	0.105		
								15	0.324	0.324	0.677	0.197	0.105		
								10	0.308	0.308	0.650	0.178	0.100		
								9	0.306	0.306	0.642	0.173	0.099		
								8	0.301	0.301	0.608	0.167	0.098		