

A<sub>Eo</sub> : 78.01 km<sup>2</sup>  
 PNP : NN+ 295.30 m  
 Lage : 4.45 km oberhalb der Mündung rechts



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

m<sup>3</sup>/s

Tag	2007		2008												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	0.822	2.34	0.996	2.64	2.18	4.36	1.19	0.648	0.331	0.338	0.463	0.819	0.522	1.45	
2.	0.815	2.74	0.914	2.39	2.56	5.39	1.17	0.583	0.322	0.329	0.430	0.889	0.489	1.32	
3.	0.864	4.52	0.863	2.05	2.72	5.54	1.12	0.725	0.364	0.324	0.555	0.725	0.482	1.34	
4.	0.879	5.06	0.795	1.97	2.67	5.20	1.08	0.720	0.396	0.529	0.461	0.672	0.463	1.25	
5.	0.853	4.68	0.885	1.91	2.46	4.98	1.03	0.648	0.329	0.370	0.434	0.604	0.453	1.31	
6.	1.00	4.27	0.936	2.69	2.28	4.61	0.994	0.541	0.310	0.344	0.676	0.884	0.462	1.40	
7.	1.20	5.17	0.972	3.25	2.12	4.39	0.957	0.518	0.304	0.374	0.518	0.762	0.453	1.76	
8.	1.50	6.14	1.14	3.32	1.93	4.07	0.913	0.495	0.356	0.505	0.472	0.728	0.430	2.03	
9.	2.82	5.97	1.07	3.15	1.76	3.89	0.879	0.450	0.341	0.464	0.456	0.715	0.455	2.11	
10.	4.87	5.09	1.05	2.85	1.66	3.72	0.831	0.429	0.345	0.403	0.431	0.688	0.460	2.05	
11.	9.80	4.98	1.05	2.56	1.67	3.52	0.794	0.416	0.372	0.411	0.431	0.670	0.482	1.85	
12.	11.8	4.98	1.08	2.30	1.74	3.26	0.768	0.534	0.368	0.412	0.446	0.598	0.462	1.66	
13.	10.0	4.85	1.07	2.07	1.69	3.04	0.733	0.870	0.335	0.401	0.567	0.571	0.437	1.48	
14.	7.63	4.27	1.06	1.88	1.66	3.27	0.707	0.557	0.309	0.373	0.460	0.581	0.436	1.35	
15.	6.01	3.56	1.06	1.62	1.62	3.26	0.858	0.534	0.305	0.354	0.431	0.542	0.415	1.27	
16.	4.98	3.01	1.17	1.45	1.69	3.20	0.797	0.529	0.387	0.358	0.432	0.728	0.431	1.29	
17.	4.05	2.61	1.16	1.35	1.73	3.08	0.735	0.487	0.406	0.343	0.435	0.664	0.421	1.16	
18.	3.50	2.27	1.33	1.27	1.66	2.84	0.672	0.467	0.360	0.335	0.402	0.593	0.429	1.07	
19.	3.13	2.03	2.04	1.17	1.69	2.54	0.650	0.448	0.398	0.316	0.372	0.543	0.480	1.06	
20.	2.87	1.82	5.14	1.17	1.69	2.27	0.645	0.441	0.506	0.327	0.372	0.535	0.621	1.39	
21.	2.74	1.69	6.45	1.16	2.20	2.04	0.607	0.430	0.459	0.328	0.350	0.531	1.98	2.38	
22.	2.75	1.54	7.62	1.12	2.31	1.84	0.572	0.440	0.589	0.445	0.365	0.506	2.20	4.35	
23.	2.86	1.45	6.75	1.07	2.12	1.66	0.555	0.472	0.476	0.752	0.462	0.494	1.91	5.57	
24.	2.84	1.33	5.85	1.02	1.97	1.53	0.530	0.414	0.417	0.724	0.567	0.483	1.76	4.79	
25.	2.98	1.26	4.86	1.03	1.87	1.63	0.533	0.567	0.399	0.603	0.458	0.463	1.52	3.85	
26.	2.87	1.22	3.92	0.990	1.74	1.37	0.525	0.545	0.383	0.540	0.429	0.440	1.39	3.07	
27.	2.63	1.16	3.56	0.985	1.64	1.29	0.527	0.428	0.386	0.522	0.403	0.613	1.48	2.57	
28.	2.51	1.12	3.28	0.904	1.65	1.39	0.515	0.397	0.365	0.495	0.392	0.575	1.66	2.19	
29.	2.40	1.08	3.02	0.880	2.26	1.39	0.551	0.368	0.355	0.496	0.371	0.513	1.66	1.86	
30.	2.34	1.10	2.89		2.98	1.25	0.635	0.348	0.354	0.486	0.409	0.554	1.57	1.63	
31.		1.08	2.67		3.83		0.974		0.350	0.461		0.548		1.45	
Tag	2.	29+	4.	29.	15.	30.	28.	30.	7.	19.	21.	26.	15.	19.	
NQ	0.815	1.08	0.795	0.880	1.62	1.25	0.515	0.348	0.304	0.316	0.350	0.440	0.415	1.06	
MQ	3.55	3.05	2.47	1.80	2.06	3.06	0.775	0.515	0.377	0.434	0.448	0.620	0.880	2.04	
HQ	14.1	6.45	8.41	3.38	4.23	5.74	2.85	1.76	0.696	1.08	0.851	1.29	2.78	5.99	
Tag	11.	9.	22.	8.	31.	3.	30.	3.	22.	23.	6.	1.	21.	23.	
h <sub>N</sub>	mm														
h <sub>A</sub>	mm	118	105	85	58	71	102	27	17	13	15	15	21	29	70
1975/2007			1976/2008 33 Kalenderjahre												
Jahr	1983	1978	1996	1996	1985	1976	1976	1976	1976	2003	2003	1976	1983	1978	
NQ	0.125	0.195	0.150	0.140	0.383	0.307	0.178	0.178	0.130	0.084	0.083	0.123	0.125	0.195	
MNQ	0.502	0.741	0.941	1.01	0.995	0.963	0.610	0.451	0.345	0.290	0.296	0.405	0.507	0.761	
MQ	1.29	1.94	2.46	2.16	2.43	1.85	1.07	0.854	0.668	0.549	0.682	0.782	1.31	1.99	
MHQ	3.77	6.66	7.80	6.26	7.15	4.03	2.74	2.50	2.24	1.80	2.29	2.11	3.83	6.81	
HQ	14.1	25.2	24.4	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	1987	1980	1999	1994	1984	1984	1980	2007	2007	1998	2007	1986	
Mh <sub>N</sub>	mm														
Mh <sub>A</sub>	mm	43	67	84	68	84	62	37	28	23	19	23	27	43	68
Abflussjahr (*)			2008			Kalenderjahr			2008			Unterschnittene Abflüsse m <sup>3</sup> /s			
			Jahr	Datum	Winter	Sommer	Jahr	Datum	1976/2008 33 Kalenderjahre			Untere Hüllkurve			
			2008			2008			1976/2008 33 Jahre			1976/2008			
NQ	m <sup>3</sup> /s	0.304	am 07.07.2008	0.795	0.304	0.304	am 07.07.2008	0.083	am 22.09.2003	0.125	0.083	0.083	am 22.09.2003	0.343	0.343
MQ	m <sup>3</sup> /s	1.59		2.67	0.529	1.29		0.218		0.406	0.221	0.218		0.331	0.331
HQ	m <sup>3</sup> /s	14.1	am 11.11.2007 bei W = 144 cm	14.1	2.85	8.41	am 22.01.2008 bei W = 111 cm	1.40		2.03	0.768	1.40		0.329	0.329
Nq	l/(skm <sup>2</sup> )	3.89		10.2	3.89	3.89		16.5		26.0	9.84	17.9		0.328	0.328
Mq	l/(skm <sup>2</sup> )	20.4		34.2	6.78	16.5		172		5.21	2.84	2.79		0.327	0.327
Hq	l/(skm <sup>2</sup> )	180		180	36.5	108		172		26.0	9.84	17.9		0.324	0.324
h <sub>N</sub>	mm													0.322	0.322
h <sub>A</sub>	mm	645		537	108	522								0.316	0.316
1976/2008 (*) 33 Jahre			2008			1976/2008			1976/2008			1976/2008			
NQ	m <sup>3</sup> /s	0.083	am 22.09.2003	0.125	0.083	0.083	am 22.09.2003	0.083	am 22.09.2003	0.343	0.343	0.677	0.190	0.105	
MNQ	m <sup>3</sup> /s	0.192		0.406	0.221	0.218		0.218		0.331	0.331	0.650	0.171	0.100	
MQ	m <sup>3</sup> /s	1.39		2.03	0.768	1.40		1.40		0.329	0.329	0.642	0.165	0.099	
MHQ	m <sup>3</sup> /s	13.6		13.1	4.84	13.5		13.5		0.329	0.329	0.608	0.160	0.098	
HQ	m <sup>3</sup> /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	25.2	am 31.12.1986 bei W = 194 cm	0.328	0.328	0.590	0.155	0.098	
HQ <sub>1</sub>	m <sup>3</sup> /s									0.327	0.327	0.579	0.150	0.096	
HQ <sub>5</sub>	m <sup>3</sup> /s									0.324	0.324	0.570	0.144	0.095	
MNq	l/(skm <sup>2</sup> )	2.46		5.21	2.84	2.79		2.79		0.322	0.322	0.567	0.138	0.094	
Mq	l/(skm <sup>2</sup> )	17.8		26.0	9.84	17.9		17.9		0.316	0.316	0.566	0.130	0.089	
MHq	l/(skm <sup>2</sup> )	174		167	62.0	172		172		0.310	0.310	0.565	0.118	0.085	
Mh <sub>N</sub>	mm									0.309	0.309	0.548	0.105	0.084	
Mh <sub>A</sub>	mm	563		407	156	565		565		0.304	0.304	0.541	0.083	0.083	
Niedrigwasser (n)			Hochwasser			Hochwasser			Hochwasser			Hochwasser			
			m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum						
1	0.083	1.07	22.09.2003	25.2	323	194	31.12.1986								
2	0.085	1.09	26.08.1976	22.1	283	185	20.01.1986								
3	0.102	1.30	04.09.1991	21.9	281	178	19.12.1988								
4	0.112	1.44	13.08.1990	21.9	280	178	03.03.1999								
5	0.115	1.47	28.09.1997	19.6	251	171	06.02.1980								
6	0.125	1.61	03.11.1983	18.9	242	157	10.03.1981								
7	0.130	1.66	01.09.2001	18.2	233	159	10.03.2000								
8	0.135	1.73	15.09.1999	17.4	224	155	22.08.2007								
9	0.140	1.79	07.02.1996	17.1	220	154	23.12.1991								
10	0.140	1.79	25.10.1979	16.9	217	151	28.01.2002								

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.