

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	2008		2009														
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
1.	0.522	1.45	1.34	0.640	7.50	3.45	0.686	0.434	0.367	0.319	0.253	0.401	0.627	2.68			
2.	0.489	1.32	1.24	0.627	6.72	3.15	0.645	0.429	0.303	0.314	0.247	0.384	0.716	2.36			
3.	0.482	1.34	1.14	0.611	6.41	3.42	0.629	0.403	0.300	0.314	0.243	0.362	0.793	2.14			
4.	0.463	1.25	1.04	0.545	5.93	3.67	0.605	0.400	0.300	0.307	0.239	0.359	0.810	1.93			
5.	0.453	1.31	1.03	0.569	5.02	3.45	0.617	0.392	0.291	0.304	0.328	0.353	0.831	1.70			
6.	0.462	1.40	0.617	0.566	4.75	3.02	0.815	0.415	0.290	0.300	0.305	0.402	0.841	1.62			
7.	0.453	1.76	0.705	0.695	4.68	2.78	0.710	0.495	0.329	0.296	0.293	0.652	0.843	1.46			
8.	0.430	2.03	0.809	0.735	4.55	2.58	0.791	0.456	0.376	0.292	0.287	0.700	0.854	1.34			
9.	0.455	2.11	0.656	0.641	4.44	2.31	0.703	0.410	0.452	0.289	0.282	0.616	1.06	1.23			
10.	0.460	2.05	0.639	1.03	4.54	2.02	0.719	0.393	0.473	0.288	0.276	0.850	2.28	1.74			
11.	0.482	1.85	0.644	1.12	5.20	1.80	0.767	0.460	0.813	0.285	0.271	1.07	3.04	3.33			
12.	0.462	1.66	0.683	0.947	5.35	1.61	0.774	0.507	0.723	0.332	0.265	1.98	3.20	4.43			
13.	0.437	1.48	0.792	0.896	6.03	1.45	0.708	0.403	0.564	0.442	0.277	1.98	2.94	4.18			
14.	0.436	1.35	0.732	0.849	6.12	1.36	0.685	0.364	0.488	0.335	0.390	1.73	2.53	3.48			
15.	0.415	1.27	0.646	0.791	5.95	1.27	0.748	0.404	0.439	0.326	0.821	1.47	2.19	2.89			
16.	0.431	1.29	0.580	0.883	6.08	1.18	0.877	0.497	0.401	0.319	0.496	1.63	1.89	2.45			
17.	0.421	1.16	0.560	2.43	5.75	1.25	0.725	0.431	0.395	0.314	0.411	3.12	1.80	2.12			
18.	0.429	1.07	0.682	2.63	4.96	1.09	0.683	0.384	0.374	0.310	0.386	3.15	1.55	1.80			
19.	0.480	1.06	0.777	2.36	4.28	0.975	0.661	0.362	0.400	0.304	0.370	2.67	1.37	1.48			
20.	0.621	1.39	0.795	2.19	3.62	0.942	0.669	0.371	0.447	0.298	0.361	2.19	1.33	1.41			
21.	1.98	2.38	0.680	2.16	3.11	0.882	0.661	0.431	0.374	0.291	0.357	1.95	1.18	1.32			
22.	2.20	4.35	0.626	2.72	2.77	0.824	0.632	0.365	0.435	0.286	0.351	1.47	1.13	1.24			
23.	1.91	5.57	0.753	4.29	2.73	0.793	0.601	0.345	0.377	0.279	0.350	1.31	1.61	1.14			
24.	1.76	4.79	1.13	4.64	2.78	0.765	0.566	0.334	0.533	0.273	0.360	1.16	2.77	1.05			
25.	1.52	3.85	0.966	4.09	2.63	0.737	0.529	0.324	0.539	0.281	0.356	1.06	2.80	1.17			
26.	1.39	3.07	0.880	4.25	2.91	0.708	0.510	0.303	0.446	0.303	0.348	0.940	2.92	1.23			
27.	1.48	2.57	0.825	5.84	3.98	0.704	0.498	0.304	0.389	0.290	0.340	0.935	3.04	1.10			
28.	1.66	2.19	0.769	7.56	4.95	0.934	0.483	0.300	0.354	0.284	0.339	0.818	2.90	1.10			
29.	1.66	1.86	0.728		4.82	0.761	0.497	0.302	0.337	0.277	0.331	0.744	3.03	1.07			
30.	1.57	1.63	0.688		4.35	0.737	0.471	0.459	0.345	0.272	0.389	0.704	2.94	1.54			
31.		1.45	0.652		3.96		0.454		0.323	0.262		0.659		2.27			
Tag	15.	19.	17.	4.	25.	27.	31.	28.	6.	31.	4.	5.	1.	24.			
NQ	0.415	1.06	0.560	0.545	2.63	0.704	0.454	0.300	0.290	0.262	0.239	0.353	0.627	1.05			
MQ	0.880	2.04	0.800	2.05	4.74	1.69	0.649	0.396	0.419	0.303	0.344	1.22	1.86	1.94			
HQ	2.78	5.99	1.50	8.12	8.05	3.83	1.05	1.20	0.589	1.33	3.36	3.32	3.32	4.70			
Tag	21.	23.	2.	28.	1.	1.	16.	30.	11.	13.	15.	18.	27.	12.			
h _N	92	53	43	120	116	31	63	66	105	44	78	121	129	89			
h _A	29	70	27	63	163	56	22	13	14	10	11	42	62	66			
1975/2008			1976/2009 34 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	0.500	0.750	0.930	0.992	1.04	0.955	0.606	0.446	0.344	0.290	0.294	0.404	0.511	0.770			
MQ	1.28	1.95	2.41	2.15	2.50	1.85	1.06	0.840	0.660	0.542	0.672	0.795	1.32	1.99			
MHQ	3.74	6.64	7.61	6.32	7.18	4.02	2.69	2.47	2.20	1.77	2.26	2.14	3.82	6.75			
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 _N	98	93	91	97	93	61	85	77	105	100	81	68	101	93			
Mh _A	42	67	83	67	86	61	36	28	23	19	22	27	44	68			
Abflussjahr (*) 2009			Kalenderjahr 2009			Unterschnittene Abflüsse m ³ /s											
Jahr			Datum			Jahr			Datum			1976/2009 34 Kalenderjahre					
Winter			Sommer			Winter			Sommer			Obere Hüllkurve					
Mittlere Werte			Untere Hüllkurve			Mittlere Werte			Untere Hüllkurve								
NQ	m ³ /s	0.239	am 04.09.2009	0.415	0.239	0.239	am 04.09.2009	0.239	am 04.09.2009	364	7.56	7.56	24.1	11.8	4.27		
MQ	m ³ /s	1.29		2.04	0.557	1.36		1.36		363	7.50	7.50	19.4	10.3	4.14		
HQ	m ³ /s	8.12	am 28.02.2009 bei W = 110 cm	8.12	3.36	8.12	am 28.02.2009 bei W = 110 cm	8.12	am 28.02.2009 bei W = 110 cm	362	6.73	6.73	19.3	9.24	4.13		
Nq	l/(skm ²)	3.06		5.32	3.06	3.06		3.06		361	6.41	6.41	12.9	8.14	4.00		
Mq	l/(skm ²)	16.6		26.2	7.14	17.5		17.5		360	6.12	6.12	11.9	7.49	3.93		
Hq	l/(skm ²)	104		104	43.1	104		104		359	6.08	6.08	11.2	6.94	3.86		
h _N	mm	932		455	477	1005		1005		358	6.03	6.03	11.0	6.53	3.80		
h _A	mm	523		409	114	551		551		357	5.95	5.95	10.9	6.21	3.48		
1976/2009 (*) 34 Jahre			1976/2009			Dauertabelle											
NQ	m ³ /s	0.083	am 22.09.2003	0.125	0.083	0.083	am 22.09.2003	0.083	am 22.09.2003	356	5.93	5.93	10.8	5.93	3.45		
MNQ	m ³ /s	0.193		0.406	0.222	0.218		0.218		355	5.02	4.96	7.75	4.71	2.69		
MQ	m ³ /s	1.39		2.03	0.762	1.40		1.40		350	4.44	4.35	5.93	3.76	2.14		
MHQ	m ³ /s	13.4		12.9	4.80	13.3		13.3		340	3.67	3.48	5.13	3.17	1.59		
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	25.2	am 31.12.1986 bei W = 194 cm	330	3.02	3.04	4.44	2.76	1.27		
HQ ₁	m ³ /s									300	2.16	2.63	3.14	2.19	1.04		
HQ ₅	m ³ /s									270	1.45	1.61	2.45	1.66	0.826		
MNq	l/(skm ²)	2.48		5.21	2.85	2.80		2.80		240	1.03	1.13	2.02	1.30	0.603		
Mq	l/(skm ²)	17.8		26.0	9.76	17.9		17.9		210	0.767	0.831	1.78	1.03	0.426		
MHq	l/(skm ²)	172		165	61.5	170		170		183	0.683	0.732	1.50	0.852	0.346		
Mh _N	mm	1053		544	516	1057		1057		150	0.545	0.640	1.25	0.693	0.243		
Mh _A	mm	562		407	155	565		565		130	0.463	0.539	1.16	0.615	0.219		
Niedrigwasser (n)			Hochwasser			1976/2009 34 Kalenderjahre											
m ³ /s			l/(skm ²)			m ³ /s			l/(skm ²)			cm			Datum		
1	0.083	1.07	22.09.2003	25.2	323	194	31.12.1986	194	31.12.1986	120	0.453	0.488	1.12	0.577	0.208		
2	0.085	1.09	26.08.1976	22.1	283	185	20.01.1986	185	20.01.1986	110	0.431	0.446	1.08	0.540	0.195		
3	0.102	1.30	04.09.1991	21.9	281	178	19.12.1988	178	19.12.1988	100	0.410	0.410	1.03	0.507	0.195		
4	0.112	1.44	13.08.1990	21.9	280	178	03.03.1999	178	03.03.1999	90	0.393	0.393	0.989	0.475	0.187		
5	0.115	1.47	28.09.1997	19.6	251	171	06.02.1980	171	06.02.1980	80	0.374	0.374	0.964	0.447	0.180		
6	0.125	1.61	03.11.1983	18.9	242	157	10.03.1981	157	10.03.1981	70	0.360	0.360	0.918	0.420	0.174		
7	0.130	1.66	01.09.2001	18.2	233	159	10.03.2000</										