

A<sub>Eo</sub> : 1013 km<sup>2</sup>

PNP: NN + 410.55 m

Lage: 357.0 km oberhalb Mündung mittig



Pegel : Blankenstein-Rosent.

Nr. 570210

Gewässer : Saale

Gebiet : Obere Saale

m<sup>3</sup>/s

Tag	2003		2004														
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
1.	2.87	2.37	5.40	17.5	7.25	9.68	K 5.40	K 4.72	K 3.12	K 2.67	K 4.39	K 5.75	8.82	17.5			
2.	2.67	2.37	R 4.72	41.3	6.86	9.24	K 10.1	K 4.72	K 3.12	K 2.67	K 3.42	K 5.40	7.64	16.1			
3.	2.51	2.37	G 3.74	49.7	6.86	8.82	K 6.48	K 4.39	K 3.74	K 2.67	K 2.67	K 4.72	6.86	14.8			
4.	3.74	2.37	G 3.74	37.8	6.48	8.03	K 6.11	K 4.39	K 4.72	K 2.67	K 2.67	K 4.06	6.11	13.5			
5.	3.12	2.37	G 3.74	28.7	6.11	8.42	K 8.82	K 5.06	K 4.39	K 2.67	K 2.67	K 4.06	5.40	12.2			
6.	2.87	2.11	G 3.74	24.5	5.75	14.1	K 10.1	K 5.40	K 3.74	K 2.67	K 2.67	K 3.42	5.06	11.1			
7.	2.67	2.24	R 3.74	21.0	5.75	15.4	K 32.9	K 4.39	K 3.74	K 2.51	K 2.67	K 5.40	5.75	10.6			
8.	2.37	2.24	R 3.74	19.6	5.75	13.5	K 43.4	K 3.74	K 3.12	K 2.24	K 2.51	K 4.72	7.64	9.68			
9.	2.51	2.24	R 3.74	19.6	5.40	15.4	K 28.7	K 3.42	K 3.42	K 2.51	K 2.67	K 5.75	7.64	8.82			
10.	2.37	R 2.11	5.06	16.1	5.06	12.2	K 21.0	K 5.75	K 4.72	K 2.37	K 2.51	K 4.72	7.64	8.42			
11.	2.51	R 2.11	6.48	15.4	5.40	10.6	K 22.4	K 6.11	K 3.74	K 2.67	K 2.51	K 3.74	8.42	8.03			
12.	2.51	R 2.24	21.0	13.5	5.06	9.24	K 21.7	K 6.48	K 3.74	K 2.24	K 3.12	K 4.39	10.6	6.86			
13.	2.24	2.87	31.5	12.2	5.40	8.42	K 15.4	K 6.48	K 3.74	K 4.72	K 3.42	K 4.72	16.1	6.86			
14.	2.37	18.2	50.4	14.1	7.64	8.42	K 13.5	K 5.75	K 3.42	K 7.25	K 2.67	K 5.06	16.1	6.86			
15.	2.37	17.5	37.1	23.1	11.1	8.03	K 11.7	K 5.06	K 3.12	K 4.39	K 2.67	K 5.06	12.8	6.11			
16.	2.37	10.1	29.4	25.9	14.8	7.64	K 13.5	K 5.06	K 4.06	K 2.87	K 2.67	K 5.75	11.1	5.40			
17.	4.06	8.42	27.3	21.7	14.8	7.64	K 11.7	K 4.72	K 3.42	K 2.87	K 2.67	K 5.40	11.7	7.25			
18.	3.42	7.25	23.8	19.6	12.2	7.25	K 10.1	K 6.48	K 3.42	K 2.87	K 2.67	K 6.11	23.8	10.6			
19.	2.87	5.75	18.2	18.2	10.6	8.42	K 9.24	K 6.11	K 5.75	K 2.67	K 2.67	K 5.75	72.8	9.68			
20.	2.67	5.40	15.4	15.4	12.8	8.42	K 8.03	K 5.75	K 4.72	K 3.12	K 2.67	K 5.06	59.5	R 7.64			
21.	2.67	12.8	12.8	12.8	24.5	7.25	K 9.24	K 5.06	K 7.25	K 3.42	K 2.87	K 5.40	39.9	G 4.39			
22.	2.51	18.2	10.6	12.2	25.2	6.11	K 8.82	K 4.72	K 5.40	K 3.12	K 3.42	K 5.06	37.8	G 4.39			
23.	2.37	12.2	R 8.42	12.2	18.9	5.75	K 7.25	K 4.06	K 4.39	K 3.42	K 14.8	K 5.06	63.4	G 5.75			
24.	2.24	8.82	R 8.03	10.6	17.5	6.11	K 7.25	K 3.74	K 7.64	K 3.42	K 18.2	K 4.72	53.9	36.4			
25.	2.11	7.64	R 7.25	10.1	20.3	5.75	K 6.48	K 3.42	K 5.75	K 3.42	K 11.7	K 4.39	39.9	45.5			
26.	2.24	8.03	R 6.86	9.68	16.8	5.06	K 6.11	K 2.87	K 4.72	K 3.74	K 10.1	K 5.06	31.5	32.2			
27.	2.24	7.25	R 6.11	8.82	14.1	4.72	K 5.75	K 3.74	K 4.39	K 3.74	K 8.82	K 11.1	27.3	25.2			
28.	2.37	8.03	R 5.75	8.42	12.2	4.72	K 5.06	K 3.74	K 3.74	K 3.42	K 6.86	K 9.24	25.2	20.3			
29.	2.87	7.64	R 5.40	7.64	12.2	4.72	K 4.72	K 3.42	K 2.87	K 3.42	K 6.11	K 7.25	23.1	16.8			
30.	2.51	6.48	R 4.72	11.1	11.1	4.72	K 4.72	K 3.12	K 2.87	K 4.06	K 6.48	K 8.42	20.3	14.1			
31.		6.11	5.06		10.1		K 4.06		K 2.67	K 6.48		K 11.7		12.8			
Tag	25.	6.+	3.+	29.	10.+	27.+	31.	26.	31.	8.+	8.+	6.	6.	21.+			
NQ	2.11	2.11	3.74	7.64	5.06	4.72	4.06	2.87	2.67	2.24	2.51	3.42	5.06	4.39			
MQ	2.64	6.64	12.4	18.9	11.1	8.46	12.2	4.73	4.27	3.31	4.86	5.69	22.5	13.4			
HQ	8.42	25.9	56.0	51.1	29.4	17.5	52.5	7.64	12.2	10.1	27.3	14.1	87.2	50.4			
Tag	5.	14.	14.	3.	21.+	7.	7.	12.+	24.	14.	23.	31.	19.	24.+			
h <sub>N</sub>	mm																
h <sub>A</sub>	mm	7	18	33	47	29	22	32	12	11	9	12	15	58	35		
		1963/2003		1964/2004 41 Jahre													
Jahr	1983	1991	1973	1964	1976	1974	1998	1976	1976	1976	1964	1964	1983	1991			
NQ	0.960	1.30	1.35	1.88	2.04	2.09	1.70	0.718	0.306	0.593	0.590	0.590	0.960	1.30			
MNQ	4.79	5.75	6.35	7.60	7.89	8.10	4.25	3.67	3.12	2.69	2.85	3.22	4.87	5.79			
MQ	10.2	16.4	17.8	16.5	21.2	15.6	8.80	7.30	5.91	5.22	5.40	7.27	10.4	16.6			
MHQ	32.8	60.5	66.8	55.6	63.3	39.3	27.5	26.4	21.8	19.6	18.4	24.3	33.4	61.5			
HQ	192	180	251	197	166	177	172	134	124	128	123	128	192	180			
Jahr	1998	1993	1982	1980	1988	1988	1978	1965	1996	1970	1998	1998	1998	1993			
Mh <sub>N</sub>	mm																
Mh <sub>A</sub>	mm	26	43	47	41	56	40	23	19	16	14	14	27	44			
		Abflussjahr (*)				Kalenderjahr				Unterschr. Abflüsse m <sup>3</sup> /s							
		2004		Winter		Sommer		2004		Abflussjahr (*)		Kalenderjahr		1964/2004		41 Kalenderjahre	
		Jahr	Datum					Jahr	Datum	2004		Obere	Mittlere	Untere			
										Hüllwerte		Hüllwerte	Werte	Hüllwerte			
NQ	m <sup>3</sup> /s	2.11	am 25.11.2003	2.11	2.24	2.24	am 08.08.2004	2.24	am 08.08.2004	(365)	50.4	72.8	222	105	20.9		
MQ	m <sup>3</sup> /s	7.90		9.96	5.86	10.1		10.1		364	49.7	63.4	219	88.8	19.8		
HQ	m <sup>3</sup> /s	56.0	am 14.01.2004	56.0	52.5	87.2	am 19.11.2004	87.2	am 19.11.2004	363	43.4	59.5	140	80.0	17.1		
Nq	l/(skm <sup>2</sup> )	2.08		2.08	2.21	2.21		2.21		362	41.3	53.9	140	72.0	15.9		
Mq	l/(skm <sup>2</sup> )	7.80		9.83	5.78	9.97		9.97		361	37.8	50.4	131	66.5	14.3		
Hq	l/(skm <sup>2</sup> )	55.3		55.3	51.8	86.1		86.1		360	37.1	49.7	130	60.6	13.3		
h <sub>N</sub>	mm									359	32.9	45.5	116	57.6	13.2		
h <sub>A</sub>	mm	247		155	92	315		315		358	31.5	43.4	115	54.6	12.5		
		1964/2004 (*) 41 Jahre				1964/2004				Dauertabelle							
NQ	m <sup>3</sup> /s	0.306	am 10.07.1976	0.960	0.306	0.306	am 10.07.1976	0.306	am 10.07.1976	357	29.4	41.3	100	52.1	12.2		
MNQ	m <sup>3</sup> /s	1.87		3.21	2.07	2.03		2.03		356	29.4	41.3	99.0	47.2	11.5		
MQ	m <sup>3</sup> /s	11.4		16.3	6.65	11.5		11.5		355	25.2	32.9	81.1	40.7	11.5		
MHQ	m <sup>3</sup> /s	120		114	51.6	120		120		354	20.3	25.9	62.6	31.0	10.2		
HQ	m <sup>3</sup> /s	251	am 05.01.1982	251	172	251	am 05.01.1982	251	am 05.01.1982	353	18.2	22.4	54.4	25.6	8.44		
HQ <sub>1</sub>	m <sup>3</sup> /s									352	15.4	20.3	46.2	22.0	7.71		
HQ <sub>5</sub>	m <sup>3</sup> /s									351	12.8	15.4	34.0	17.2	6.36		
MNq	l/(skm <sup>2</sup> )	1.85		3.17	2.04	2.00		2.00		350	9.24	12.2	23.1	12.8	5.37		
Mq	l/(skm <sup>2</sup> )	11.3		16.1	6.56	11.4		11.4		349	7.64	9.24	18.1	9.95	4.26		
MHq	l/(skm <sup>2</sup> )	118		113	50.9	118		118		348	6.48	7.64	15.2	8.02	3.57		
Mh <sub>N</sub>	mm									347	5.75	6.86	13.2	6.73	3.07		
Mh <sub>A</sub>	mm	356		253	104	359		359		346	5.06	5.75	10.9	5.56	1.97		
		Niedrigwasser				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	0.306	0.302	10.07.1976	251	248	251	05.01.1982	251	05.01.1982	130	4.39	5.40	10.2	4.81	1.65		
2	0.590	0.582	30.09.1964+	212	209	209	23.01.1995	209	23.01.1995	129	5.06	5.06	9.82	4.55	1.55		
3	0.960	0.948	16.09.1991	197	194	194	06.02.1980	194	06.02.1980	128	4.06	5.06	9.46	4.32	1.48		
4	0.960	0.948	15.11.1983	182	180	180	01.11.1998	180	01.11.1998	127	3.74	4.72	8.44	4.05	1.40		
5	0.960	0.948	18.09.1973	182	180	180	07.02.1984	180	07.02.1984	126	3.42	4.06	8.10	3.54	1.23		
6	1.09	1.08	16.10.1979	180	178	178	22.12.1993	178	22.12.1993	125	3.12	4.06	7.44	3.32	1.22		
7	1.22	1.20	08.06.1975	177	175	175	01.04.1988	175	01.04.1988	124	2.87	3.74	6.80	3.09	1.17		
8	1.22	1.20	09.09.1974+	172	170	170	08.05.1978	170	08.05.1978	123	2.67	3.42	6.39	2.87	0.970		
9	1.30	1.28	08.12.1991	171	169	169	03.01.2003	169	03.01.2003	122	2.51	2.87	5.85	2.36	0.774		
10	1.35	1.33	22.10.1985+	166	164	164	26.03.1988	164	26.03.1988	121	2.37	2.87	5.58	2.19	0.710		
										0							

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Die Durchflusswerte beinhalten nicht die Umflut durch das ZPR (die um den Pegel geführte Menge entspricht der Pumpenleistung von ca. 0,56 cbm/s im Durchschnitt).  
 Vom 11.6.76-9.12.76 wurden die Q-Werte rückwirkend theoretisch ermittelt und das Jahr 1976 in die Statistik aufgenommen!  
 7 Tage Grundeis, 16 Tage Randeis, 184 Tage Verkräutung







A<sub>Eo</sub> : 158 km<sup>2</sup>

PNP: NN + 395.65 m

Lage: 11.7 km oberhalb Mündung rechts



Pegel : Möschlitz

Nr. 571700

Gewässer : Wisenta

Gebiet : Obere Saale

m<sup>3</sup>/s

Tag	2003		2004												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	0.307	0.175	0.307	2.76	0.790	0.790	K 0.219	0.470	0.175	0.263	0.139	0.307	0.470	2.47	
2.	0.263	0.175	R 0.307	6.10	0.900	0.680	K 0.570	0.680	0.263	0.263	0.219	0.395	0.351	2.17	
3.	0.219	0.139	R 0.307	8.31	0.790	0.680	K 1.45	0.790	0.263	0.219	0.219	0.395	0.263	2.17	
4.	0.219	0.139	R 0.263	6.36	0.680	0.570	K 1.01	0.263	0.307	0.219	0.263	0.351	0.219	1.97	
5.	0.175	0.139	R 0.263	3.89	0.470	0.470	K 0.680	0.351	0.351	0.219	0.219	0.307	0.219	1.60	
6.	0.139	0.175	R 0.263	3.63	0.395	0.470	K 1.01	0.263	0.263	0.219	0.219	0.395	0.263	1.42	
7.	0.175	0.175	R 0.263	2.76	0.219	0.395	K 4.28	0.263	0.219	0.219	0.139	0.470	0.307	1.15	
8.	0.175	0.175	R 0.263	2.52	0.263	0.470	7.27	0.263	0.219	0.219	0.139	0.395	0.470	0.890	
9.	0.175	0.139	R 0.263	2.28	0.470	0.680	3.76	0.263	0.263	0.219	0.139	0.395	0.470	0.805	
10.	0.175	0.114	R 0.263	2.04	0.351	0.790	2.76	0.395	0.175	0.219	0.139	0.395	0.680	0.720	
11.	0.219	0.114	0.395	2.16	0.351	0.470	4.15	0.351	0.175	0.219	0.139	0.219	0.680	0.720	
12.	0.219	0.114	1.23	2.04	0.307	0.395	3.89	0.351	0.139	0.219	0.570	0.139	1.01	0.720	
13.	0.263	0.219	1.68	1.80	0.470	0.307	2.88	0.307	0.175	0.351	0.307	0.263	1.92	0.635	
14.	0.263	0.395	3.00	3.00	1.01	0.263	2.28	0.307	0.139	0.263	0.219	0.175	2.04	0.635	
15.	0.263	0.307	3.12	4.93	1.23	0.263	1.80	0.307	0.219	0.219	0.219	0.219	2.52	0.635	
16.	0.114	0.219	2.76	4.80	1.68	0.263	1.45	0.307	0.219	0.219	0.080	0.395	2.40	0.470	
17.	0.263	0.263	2.88	3.12	1.68	0.351	1.23	0.263	0.219	0.219	0.080	0.570	1.92	0.470	
18.	0.219	0.219	2.64	2.64	1.23	0.351	1.23	0.351	0.219	0.263	0.175	0.570	1.92	0.805	
19.	0.175	0.219	1.92	2.64	1.23	0.395	1.23	0.351	0.307	0.219	0.175	0.395	6.25	0.805	
20.	0.114	0.175	0.790	2.28	1.01	0.351	0.570	0.307	0.219	0.307	0.219	0.470	8.42	R 0.550	
21.	0.139	0.395	0.680	1.92	1.12	0.351	0.790	0.263	0.175	0.219	0.139	0.470	5.87	R 0.390	
22.	0.263	0.470	0.570	1.80	1.23	0.263	0.900	0.263	0.470	0.175	0.307	0.351	4.87	R 0.390	
23.	0.175	0.395	1.56	1.68	1.01	0.263	1.01	0.219	0.470	0.175	1.12	0.307	9.25	0.635	
24.	0.139	0.900	0.900	1.92	0.790	0.263	0.900	0.219	1.80	0.175	0.570	0.219	9.25	2.27	
25.	0.114	0.790	1.01	1.45	1.23	0.263	0.680	0.175	0.900	0.175	0.570	0.219	6.13	2.90	
26.	0.114	0.790	R 1.01	0.570	1.56	0.219	0.570	0.219	0.470	0.175	0.570	0.263	5.50	2.47	
27.	0.219	0.790	R 0.790	0.470	1.23	0.570	0.470	0.219	0.307	0.175	0.470	0.351	3.98	1.60	
28.	0.219	0.900	R 0.570	0.470	0.900	0.175	0.395	0.175	0.351	0.175	0.351	0.263	2.68	1.42	
29.	0.395	0.900	R 0.680	1.01	0.900	0.139	0.219	0.175	0.307	0.175	0.351	0.219	3.12	1.42	
30.	0.263	0.570	R 0.570	0.790	0.114	0.790	0.114	0.175	0.175	0.263	0.219	0.351	0.900	2.79	
31.	0.263	0.307	R 0.570	0.680	0.680	0.680	0.680	0.175	0.219	0.175	0.175	0.680	1.15	1.15	
Tag	16.+	10.+	4.+	27.+	7.	30.	30.+	25.+	12.+	22.+	16.+	12.	4.+	21.+	
NQ	0.114	0.114	0.263	0.470	0.219	0.114	0.175	0.175	0.139	0.175	0.080	0.139	0.219	0.390	
MQ	0.206	0.355	1.04	2.81	0.870	0.401	1.61	0.310	0.331	0.219	0.294	0.370	2.87	1.22	
HQ	0.680	1.12	4.28	8.83	2.16	5.19	8.31	2.16	5.19	1.23	2.40	2.76	13.3	3.01	
Tag	29.	28.	14.	3.	17.+	27.	7.	20.	24.	13.	12.	30.	23.	25.	
h <sub>N</sub>	mm														
h <sub>A</sub>	mm	3	6	18	44	15	7	27	5	6	4	5	6	47	
		1924/2003		1925/2004										78 Jahre	
Jahr		1929+	1993	1972	1963	1993	1930	1943+	1968	1976	1929+	1929	1929+	1993	
NQ	m <sup>3</sup> /s	0.040	0.040	0.060	0.050	0.050	0.020	0.040	0.030	0.010	0.010	0.000	0.010	0.040	
MNQ	m <sup>3</sup> /s	0.420	0.468	0.670	0.696	0.716	0.593	0.349	0.278	0.238	0.199	0.215	0.273	0.414	
MQ	m <sup>3</sup> /s	0.979	1.40	1.82	1.90	2.35	1.79	1.06	0.977	0.751	0.569	0.541	0.844	0.993	
MHQ	m <sup>3</sup> /s	3.10	5.08	7.16	7.19	8.00	6.44	4.37	5.11	4.21	3.36	2.28	3.46	5.15	
HQ	m <sup>3</sup> /s	18.1	38.4	31.2	57.6	29.9	29.4	31.3	27.4	37.4	31.7	15.1	30.5	18.1	
Jahr		2002	1974	1932	1935	1970	1970	1969	1969	1932	1970	1995	1974	2002	
Mh <sub>N</sub>	mm														
Mh <sub>A</sub>	mm	16	24	31	30	40	29	18	16	13	10	9	14	16	
		Abflussjahr (*)		Kalenderjahr		Kalenderjahr		Kalenderjahr		Kalenderjahr		Kalenderjahr		Kalenderjahr	
		2004		2004		2004		2004		2004		2004		2004	
		Jahr	Datum	Winter	Sommer	Jahr	Datum	Jahr	Datum	Jahr	Datum	Jahr	Datum	Jahr	Datum
NQ	m <sup>3</sup> /s	0.080	am 16.09.2004	0.114	0.080	0.080	am 16.09.2004	0.080	am 16.09.2004	0.080	am 16.09.2004	0.080	am 16.09.2004	0.080	am 16.09.2004
MQ	m <sup>3</sup> /s	0.727		0.932	0.525	1.02		1.02		1.02		1.02		1.02	
HQ	m <sup>3</sup> /s	8.83	am 03.02.2004	8.83	8.31	13.3	am 23.11.2004	13.3	am 23.11.2004	13.3	am 23.11.2004	13.3	am 23.11.2004	13.3	am 23.11.2004
Nq	l/(skm <sup>2</sup> )	0.505		0.720	0.505	0.505		0.505		0.505		0.505		0.505	
Mq	l/(skm <sup>2</sup> )	4.59		5.89	3.32	6.44		6.44		6.44		6.44		6.44	
Hq	l/(skm <sup>2</sup> )	55.8		55.8	52.5	84.0		84.0		84.0		84.0		84.0	
h <sub>N</sub>	mm														
h <sub>A</sub>	mm	145		93	53	204		204		204		204		204	
		1925/2004 (*) 79 Jahre		1925/2004		1925/2004		1925/2004		1925/2004		1925/2004		1925/2004	
NQ	m <sup>3</sup> /s	0.000	am 03.09.1929	0.020	0.000	0.000	am 03.09.1929	0.000	am 03.09.1929	0.000	am 03.09.1929	0.000	am 03.09.1929	0.000	am 03.09.1929
MNQ	m <sup>3</sup> /s	0.113		0.255	0.128	0.117		0.117		0.117		0.117		0.117	
MQ	m <sup>3</sup> /s	1.24		1.70	0.789	1.25		1.25		1.25		1.25		1.25	
MHQ	m <sup>3</sup> /s	16.0		14.1	10.3	16.0		16.0		16.0		16.0		16.0	
HQ	m <sup>3</sup> /s	57.6	am 17.02.1935	57.6	37.4	57.6	am 17.02.1935	57.6	am 17.02.1935	57.6	am 17.02.1935	57.6	am 17.02.1935	57.6	am 17.02.1935
HQ <sub>1</sub>	m <sup>3</sup> /s			0.018											
HQ <sub>5</sub>	m <sup>3</sup> /s														
MNq	l/(skm <sup>2</sup> )	0.714		1.61	0.809	0.739		0.739		0.739		0.739		0.739	
Mq	l/(skm <sup>2</sup> )	7.83		10.7	4.98	7.90		7.90		7.90		7.90		7.90	
MHq	l/(skm <sup>2</sup> )	101		89.1	65.1	101		101		101		101		101	
Mh <sub>N</sub>	mm														
Mh <sub>A</sub>	mm	248		169	79	250		250		250		250		250	
		Niedrigwasser		Hochwasser		Niedrigwasser		Hochwasser		Niedrigwasser		Hochwasser		Niedrigwasser	
		m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm
1		0.000		03.09.1929+	57.6	364		17.02.1935	0.000			03.09.1929+	57.6	364	
2		0.010	0.063	17.07.1976+	38.4	243		08.12.1974	0.010			17.07.1976+	38.4	243	
3		0.020	0.126	11.10.1959+	37.4	236		15.07.1932	0.020			11.10.1959+	37.4	236	
4		0.020	0.126	19.09.1947+	31.7	200		21.08.1970	0.020			19.09.1947+	31.7	200	
5		0.020	0.126	18.08.1946	31.3	198		07.05.1969	0.020			18.08.1946	31.3	198	

A<sub>Eo</sub> : 362 km<sup>2</sup>

PNP: NN + 239.34 m

Lage: 1.8 km oberhalb Mündung rechts



Pegel : Kaulsdorf-Eichicht

Nr. 572010

Gewässer : Loquitz

Gebiet : Obere Saale

m<sup>3</sup>/s

Tag	2003		2004																
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez					
1.	0.470	0.900	1.55	4.14	2.35	3.45	2.35	1.81	0.190	K 0.470	K 0.900	K 1.03	0.900	3.78					
2.	0.470	0.770	1.55	8.67	2.21	3.13	3.78	1.81	0.230	K 0.380	K 0.670	K 0.900	0.900	3.45					
3.	0.470	0.670	R 1.29	12.6	2.07	2.97	3.13	1.68	0.300	K 0.380	K 0.570	K 0.900	0.900	3.29					
4.	0.770	0.670	R 1.29	12.9	2.07	2.81	2.97	1.55	0.380	K 0.380	K 0.470	K 0.670	0.770	2.97					
5.	0.670	0.670	R 1.16	12.4	1.81	2.81	3.29	1.81	0.470	K 0.300	K 0.380	K 0.670	0.770	2.65					
6.	0.570	0.570	R 1.16	11.0	1.81	3.45	3.78	1.42	0.570	K 0.300	K 0.300	K 0.670	0.770	2.50					
7.	0.570	0.670	R 1.16	9.82	1.81	3.29	10.5	1.29	0.570	K 0.190	K 0.380	K 0.670	0.900	2.35					
8.	0.470	R 0.470	R 1.16	8.90	1.81	3.29	16.2	1.16	0.770	K 0.160	K 0.300	K 0.670	1.03	2.21					
9.	0.470	R 0.570	R 1.16	7.29	1.55	3.29	13.8	1.03	0.770	K 0.190	K 0.300	K 0.670	1.16	2.07					
10.	0.470	R 0.570	R 1.16	5.93	1.55	3.13	11.4	1.29	0.470	K 0.230	K 0.300	K 0.570	1.29	1.94					
11.	0.470	R 0.570	1.68	5.52	1.55	3.13	11.2	1.16	0.470	K 0.300	K 0.300	K 0.570	1.29	1.94					
12.	R 0.470	R 0.570	3.95	4.72	1.55	2.97	10.5	1.03	0.380	K 0.300	K 1.29	K 0.570	1.55	1.81					
13.	R 0.470	0.570	6.60	4.33	1.55	2.81	8.67	1.29	0.300	K 1.03	K 0.770	K 0.570	2.50	1.68					
14.	R 0.470	2.35	11.9	4.72	1.94	2.65	7.29	1.29	0.230	K 0.670	K 0.570	K 0.570	2.81	R 1.68					
15.	0.470	2.21	11.2	5.93	2.65	2.50	6.15	1.03	0.230	K 0.770	K 0.300	K 0.570	2.65	R 1.68					
16.	0.470	1.94	9.59	6.37	3.13	2.35	5.72	1.03	0.230	K 0.570	K 0.230	K 0.770	2.35	1.68					
17.	0.770	1.68	8.44	6.15	3.45	2.21	4.72	0.900	0.380	K 0.470	K 0.300	K 0.670	2.50	1.81					
18.	0.770	1.55	6.83	5.72	3.45	2.21	4.33	0.900	0.570	K 0.570	K 0.230	K 1.16	3.61	2.81					
19.	0.670	1.55	5.72	5.32	3.45	2.35	3.78	1.03	0.900	K 0.470	K 0.300	K 0.900	12.6	2.07					
20.	0.570	1.42	5.32	4.92	4.33	2.21	3.45	1.03	0.770	K 0.670	K 0.300	K 0.770	13.6	1.81					
21.	0.570	3.78	4.52	4.52	6.37	1.94	3.61	0.770	0.770	K 0.670	K 0.300	K 0.900	10.3	R 1.29					
22.	0.570	4.14	3.95	4.33	6.60	1.81	3.29	0.900	0.770	K 0.670	K 0.380	K 0.670	8.90	G 1.29					
23.	0.470	R 3.61	3.45	3.95	6.60	1.68	2.97	0.770	0.670	K 0.570	K 2.21	K 0.570	10.5	G 1.29					
24.	0.470	R 3.13	R 3.13	3.61	6.83	1.81	2.81	0.770	0.900	K 0.570	K 0.07	K 0.570	10.1	G 4.72					
25.	0.470	R 2.65	R 2.97	3.29	6.15	1.68	2.65	0.670	0.770	K 0.70	K 1.68	K 0.570	8.90	7.98					
26.	0.470	R 2.50	R 2.65	3.29	5.72	1.42	2.50	0.670	0.570	K 0.670	K 1.68	K 0.570	7.75	7.98					
27.	0.470	2.35	R 2.50	2.97	5.32	1.42	2.21	0.670	0.570	K 0.770	K 1.42	K 1.03	6.60	7.52					
28.	0.670	2.21	R 2.35	2.81	4.72	1.42	2.07	0.670	0.470	K 0.670	K 1.03	K 0.900	5.72	6.60					
29.	1.16	2.07	R 2.21	2.50	4.52	1.29	1.94	0.470	0.470	K 0.900	K 1.03	K 0.770	4.92	5.93					
30.	1.03	1.81	R 2.07	2.50	4.14	1.42	1.68	0.300	0.380	K 1.03	K 1.03	K 1.03	4.14	5.12					
31.		1.68	R 1.94		3.78		1.68		0.380	K 1.29		K 1.16		4.72					
Tag	1.+	8.	5.+	29.	9.+	29.	30.+	30.	1.	8.	16.+	10.+	4.+	21.+					
NQ	0.470	0.470	1.16	2.50	1.55	1.29	1.68	0.300	0.190	0.160	0.230	0.570	0.770	1.29					
MQ	0.578	1.64	3.73	6.16	3.45	2.43	5.30	1.07	0.513	0.561	0.733	0.751	4.42	3.25					
HQ	1.42	6.60	12.9	13.1	7.98	4.14	17.0	2.35	2.97	1.94	4.33	2.07	16.5	9.59					
Tag	29.	21.	13.	4.	21.	6.	8.	1.	22.	13.	12.	30.	19.	25.					
h <sub>N</sub>	mm																		
h <sub>A</sub>	mm	4	12	28	43	26	17	39	8	4	4	5	6	32	24				
		1922/2003		1923/2004								80 Jahre							
Jahr		1988	1948	1963	1963	1996	1933	1933	1948	1959	1943	2003	1959	1988	1948				
NQ	m <sup>3</sup> /s	0.180	0.300	0.080	0.120	0.680	0.680	0.420	0.130	0.100	0.090	0.160	0.080	0.180	0.300				
MNQ	m <sup>3</sup> /s	1.58	1.94	2.09	2.33	2.78	3.00	1.64	1.20	0.938	0.779	0.774	0.895	1.56	1.91				
MQ	m <sup>3</sup> /s	3.54	5.09	5.55	5.59	6.73	6.16	3.29	2.78	2.25	1.69	1.69	2.19	3.54	5.00				
MHQ	m <sup>3</sup> /s	9.69	15.0	18.3	15.3	18.1	15.1	8.24	9.03	8.01	5.56	5.37	6.75	9.88	14.9				
HQ	m <sup>3</sup> /s	54.4	60.5	89.4	71.3	73.2	129	40.9	68.8	60.4	25.6	37.6	37.7	54.4	60.5				
Jahr		1940	1925	2003	1946	1962	1994	1969	1946	1958	1981	1939	1974	1940	1925				
Mh <sub>N</sub>	mm																		
Mh <sub>A</sub>	mm	25	38	41	39	50	44	24	20	17	12	12	16	25	37				
		Abflussjahr (*)				Kalenderjahr				Unterschnittene Abflüsse m <sup>3</sup> /s									
		2004				2004				Unter schreitungs dauer in Tagen		Abfluss-jahr (*)		Kalender-jahr		1923/2004		80 Kalenderjahre	
		Jahr	Datum	Winter	Sommer	Jahr	Datum					Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte					
NQ	m <sup>3</sup> /s	0.160	am 08.08.2004	0.470	0.160	0.160	am 08.08.2004			(365)	16.2	16.2	95.8	33.5	9.03				
MQ	m <sup>3</sup> /s	2.23		2.98	1.50	2.68				364	13.8	13.8	62.4	25.4	7.39				
HQ	m <sup>3</sup> /s	17.0	am 08.05.2004	13.1	17.0	17.0	am 08.05.2004			363	12.9	12.9	51.2	25.2	7.39				
Nq	l/(skm <sup>2</sup> )	0.442		1.30	0.442	0.442				362	12.6	12.9	45.7	23.2	6.62				
Mq	l/(skm <sup>2</sup> )	6.16		8.23	4.14	7.40				361	12.4	12.9	38.4	21.4	6.62				
Hq	l/(skm <sup>2</sup> )	46.9		36.2	46.9	46.9				360	11.9	12.9	36.8	20.1	6.00				
h <sub>N</sub>	mm									359	11.4	12.4	33.5	19.0	5.72				
h <sub>A</sub>	mm	195		129	66	234				358	11.4	11.9	33.5	18.0	5.72				
		1923/2004 (*) 81 Jahre				1923/2004													
NQ	m <sup>3</sup> /s	0.080	am 25.01.1963	0.080	0.080	0.080	am 25.01.1963			357	11.4	11.4	32.0	17.1	5.72				
MNQ	m <sup>3</sup> /s	0.470		0.988	0.543	0.502				356	11.0	11.4	29.2	13.7	4.92				
MQ	m <sup>3</sup> /s	3.86		5.44	2.30	3.86				355	8.90	10.3	26.9	10.6	4.16				
MHQ	m <sup>3</sup> /s	36.3		34.3	17.5	37.1				340	6.60	8.44	20.9	8.77	3.12				
HQ	m <sup>3</sup> /s	129	am 13.04.1994	129	68.8	129	am 13.04.1994			330	5.93	6.83	18.1	7.65	2.46				
HQ <sub>1</sub>	m <sup>3</sup> /s									320	4.72	6.15	13.3	6.01	2.10				
HQ <sub>5</sub>	m <sup>3</sup> /s									270	2.97	3.45	10.7	4.56	1.78				
MNq	l/(skm <sup>2</sup> )	1.30		2.73	1.50	1.39				240	2.21	2.81	8.83	3.56	1.43				
Mq	l/(skm <sup>2</sup> )	10.7		15.0	6.35	10.7				210	1.68	2.21	7.32	2.79	1.17				
MHQ	l/(skm <sup>2</sup> )	100		94.7	48.3	102				183	1.29	1.81	6.50	2.25	0.940				
Mh <sub>N</sub>	mm									150	1.03	1.29	5.73	1.79	0.670				
Mh <sub>A</sub>	mm	337		236	101	337				130	0.900	1.16	5.12	1.57	0.570				
		Niedrigwasser				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		0.080	0.221	25.01.1963	129	356	13.04.1994												
2		0.080	0.221	25.10.1959+	89.4	247	03.01.2003												
3		0.090	0.248	22.08.1943	77.0	213	06.01.1982												
4		0.110	0.304	09.07.1934+	73.2	202	31.03.1962												
5		0.120	0.331	10.08.1925	71.3	197	09.02.1946												
6		0.130	0.359	10.06.1948	69.0	190	26.02.1997												
7		0.136	0.375	14.08.2003+	68.8	190	14.06.1946												
8		0.180	0.497	15.08.1988+	63.1	174	01.04.1962												
9		0.180	0.497	30.10.1949+	61.8	171	27.02.2002												
10		0.180	0.497	11.09.1948	60.5	167	31.12.1925												

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. Ausfalljahre: KJ 1928-1929; AJ 1929; 3 Tage Grundeis, 31 Tage Randeis, 92 Tage Verkrattung

A<sub>Eo</sub> : 123 km<sup>2</sup>

PNP: NN + 415.37 m

Lage: 36.0 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Katzhütte

Gewässer : Schwarza

Gebiet : Obere Saale

Nr. 572110

Tag	2003		2004												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	0.720	1.05	1.80	4.01	1.53	2.46	1.95	1.15	0.600	0.840	1.15	1.80	0.900	3.23	
2.	0.720	0.970	R 1.66	6.29	1.53	2.28	4.01	1.15	0.600	0.780	1.05	1.66	0.900	3.43	
3.	0.780	0.900	R 1.53	11.4	1.53	1.95	3.43	1.15	0.720	0.780	0.970	1.66	0.840	3.43	
4.	0.840	0.900	R 1.53	11.2	1.40	1.80	3.23	1.15	0.660	0.720	0.900	1.53	0.780	3.03	
5.	0.780	0.900	R 1.40	10.4	R 1.40	1.80	3.43	1.27	0.600	0.660	0.780	1.53	0.780	2.84	
6.	0.720	0.900	R 1.40	9.87	R 1.15	2.46	4.01	1.27	0.600	0.660	0.780	1.40	0.780	2.84	
7.	0.720	0.900	1.66	9.30	1.15	2.11	8.19	1.05	0.540	0.600	0.780	1.53	0.780	2.65	
8.	0.660	0.840	1.53	8.38	1.15	2.65	15.6	0.970	0.900	0.540	0.720	1.53	0.900	2.46	
9.	0.660	0.780	1.66	6.29	1.05	2.28	12.2	0.970	0.840	0.540	0.720	1.53	0.900	2.28	
10.	0.660	0.780	1.95	4.96	1.15	2.28	8.95	0.970	0.720	0.540	0.720	1.40	0.840	2.11	
11.	0.600	0.840	2.65	4.77	1.15	2.28	7.24	0.970	0.720	0.540	0.660	1.15	0.840	1.95	
12.	0.540	0.840	3.43	4.58	1.15	2.11	6.48	1.05	0.720	0.540	0.970	1.15	0.840	1.80	
13.	0.540	1.53	5.34	4.39	1.15	1.95	6.10	0.900	0.660	0.780	0.780	1.15	0.900	1.66	
14.	0.540	5.91	7.62	4.77	1.27	1.80	5.72	0.840	0.660	0.780	0.660	1.15	0.780	1.40	
15.	0.540	5.15	7.43	4.77	1.53	1.66	5.15	0.780	0.660	0.720	0.660	1.15	0.780	1.40	
16.	0.485	4.20	6.67	4.20	2.46	1.53	4.77	0.780	0.660	0.600	0.600	1.15	0.840	1.40	
17.	0.970	3.63	6.48	3.43	2.84	1.53	4.20	0.720	0.600	0.600	0.600	1.15	1.27	1.40	
18.	0.780	3.23	5.72	3.23	3.03	1.53	3.43	0.780	1.40	0.600	0.600	1.40	3.82	2.28	
19.	0.900	2.65	5.34	3.23	3.23	1.66	3.03	0.900	1.27	0.540	0.600	1.27	11.2	1.95	
20.	0.840	2.46	4.01	3.03	4.39	1.53	2.65	0.780	0.970	0.600	0.600	1.15	9.30	1.66	
21.	0.840	4.39	3.23	3.03	6.29	1.53	2.46	0.720	0.900	0.780	0.600	1.53	6.86	R 0.900	
22.	0.900	4.39	3.23	2.84	6.29	1.53	2.11	0.660	1.27	0.970	0.970	1.40	7.43	R 0.840	
23.	0.900	4.20	3.23	2.28	5.72	1.66	1.95	0.660	1.15	0.660	4.01	1.40	11.2	R 0.840	
24.	0.900	4.01	3.03	2.11	5.53	1.80	1.80	0.720	2.28	0.600	3.03	1.40	11.0	R 4.39	
25.	0.840	3.82	3.23	1.95	5.15	1.66	1.53	0.660	1.66	0.720	2.46	1.05	9.30	7.62	
26.	0.970	3.43	2.28	1.95	4.58	1.40	1.53	0.660	1.40	0.840	2.28	0.970	7.81	8.00	
27.	0.900	3.03	1.95	1.95	3.82	1.40	1.40	0.660	1.27	0.900	2.11	0.970	6.67	7.43	
28.	1.15	2.84	1.80	1.80	3.82	1.66	1.40	0.660	1.05	0.900	1.80	0.970	5.91	6.10	
29.	1.27	2.65	2.28	1.66	3.23	1.80	1.27	0.600	0.970	1.40	1.95	0.900	5.15	5.53	
30.	1.05	2.28	2.84	2.84	2.84	0.970	1.27	0.600	0.900	1.40	1.80	0.900	4.39	4.77	
31.		1.95	2.84		2.65		1.15		0.840	1.40		0.900		4.39	
Tag	16.	9.+	5.+	29.	9.	30.	31.	29.+	7.	8.+	16.+	29.+	4.+	22.+	
NQ	0.485	0.780	1.40	1.66	1.05	0.970	1.15	0.600	0.540	0.540	0.600	0.900	0.780	0.840	
MQ	0.790	2.46	3.25	4.90	2.75	1.83	4.25	0.873	0.929	0.761	1.21	1.28	3.82	3.10	
HQ	1.66	7.62	8.38	11.8	7.24	3.03	16.2	1.66	3.43	3.82	5.72	2.28	15.0	9.49	
Tag	17.	14.	13.	3.	21.	13.	8.	24.	24.	21.	23.	4.+	19.	25.	
h <sub>N</sub>	mm														
h <sub>A</sub>	mm	17	54	71	100	60	39	93	18	20	17	26	81	68	
		1945/2003		1946/2004						59 Jahre					
Jahr		1991	1962	1963	1963	1963	1948	1999	2000	1976	1991	1982	1982	1991	1962
NQ	m <sup>3</sup> /s	0.220	0.360	0.330	0.290	0.380	0.540	0.330	0.260	0.230	0.150	0.130	0.160	0.220	0.360
MNQ	m <sup>3</sup> /s	1.10	1.48	1.47	1.48	1.58	1.99	1.05	0.748	0.697	0.571	0.580	0.729	1.07	1.43
MQ	m <sup>3</sup> /s	2.47	3.86	4.03	3.53	4.14	4.41	2.04	1.55	1.35	0.974	1.16	1.63	2.47	3.83
MHQ	m <sup>3</sup> /s	7.36	13.7	14.4	10.2	13.7	11.8	5.03	4.99	4.92	3.38	4.20	5.32	7.48	13.7
HQ	m <sup>3</sup> /s	36.6	59.6	52.8	46.8	57.8	68.9	16.2	28.8	23.3	34.2	24.2	36.6	59.6	
Jahr		1998	1986	1987	1946	1981	1994	2004	1986	1958	1981	1998	1986	1998	1986
Mh <sub>N</sub>	mm														
Mh <sub>A</sub>	mm	52	84	88	72	90	93	45	33	29	21	25	36	52	84
		Abflussjahr (*)				Kalenderjahr				Unterschiedliche Abflüsse m <sup>3</sup> /s					
		2004		2004		2004		2004		1946/2004		59 Kalenderjahre			
		Jahr	Datum	Winter	Sommer	Jahr	Datum	Jahr	Datum	Abflussjahr (*)	Kalenderjahr	1946/2004	59 Kalenderjahre	Mittlere Werte	Untere Hüllwerte
												Obere Hüllwerte			
NQ	m <sup>3</sup> /s	0.485	am 16.11.2003	0.485	0.540	0.540	am 07.07.2004	15.6	15.6	15.6	15.6	53.9	22.9	6.22	6.22
MQ	m <sup>3</sup> /s	2.10		2.65	1.56	2.40		12.2	12.2	12.2	12.2	49.0	18.8	6.22	6.22
HQ	m <sup>3</sup> /s	16.2	am 08.05.2004	11.8	16.2	16.2	am 08.05.2004	11.2	11.2	11.2	11.2	48.8	16.7	6.22	6.22
Nq	l/(skm <sup>2</sup> )	3.96		3.96	4.40	4.40		10.4	10.4	10.4	10.4	42.9	14.9	5.97	5.97
Mq	l/(skm <sup>2</sup> )	17.1		21.6	12.7	19.6		9.87	9.87	9.87	9.87	42.9	13.6	5.55	5.55
Hq	l/(skm <sup>2</sup> )	132		96.2	132	132		9.30	9.30	9.30	9.30	36.7	12.8	4.87	4.87
h <sub>N</sub>	mm							8.95	8.95	8.95	8.95	34.0	12.0	4.64	4.64
h <sub>A</sub>	mm	542		340	202	619		8.19	8.19	8.19	8.19	32.4	11.4	4.64	4.64
		1946/2004 (*) 59 Jahre				1946/2004									
NQ	m <sup>3</sup> /s	0.130	am 18.09.1982	0.220	0.130	0.130	am 18.09.1982	350	350	350	350	15.6	8.87	3.99	3.99
MNQ	m <sup>3</sup> /s	0.393		0.675	0.438	0.411		340	340	340	340	15.6	7.03	3.57	3.57
MQ	m <sup>3</sup> /s	2.59		3.75	1.45	2.59		330	330	330	330	15.6	5.97	3.20	3.20
MHQ	m <sup>3</sup> /s	27.8		27.2	10.0	28.0		320	320	320	320	15.6	5.17	2.80	2.80
HQ	m <sup>3</sup> /s	68.9	am 13.04.1994	68.9	34.2	68.9	am 13.04.1994	300	300	300	300	15.6	4.08	2.22	2.22
HQ <sub>1</sub>	m <sup>3</sup> /s							270	270	270	270	15.6	2.98	1.54	1.54
HQ <sub>5</sub>	m <sup>3</sup> /s							240	240	240	240	15.6	2.34	1.14	1.14
MNq	l/(skm <sup>2</sup> )	3.21		5.51	3.57	3.35		210	210	210	210	15.6	1.84	0.850	0.850
Mq	l/(skm <sup>2</sup> )	21.1		30.6	11.8	21.1		183	183	183	183	15.6	1.50	0.760	0.760
MHQ	l/(skm <sup>2</sup> )	227		222	81.6	228		150	150	150	150	15.6	1.21	0.600	0.600
Mh <sub>N</sub>	mm							130	130	130	130	15.6	1.06	0.480	0.480
Mh <sub>A</sub>	mm	668		481	188	668		120	120	120	120	15.6	1.00	0.430	0.430
		Niedrigwasser				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		0.130	1.06	18.09.1982+	68.9	562		13.04.1994	10	0.600	0.660	1.18	0.331	0.170	0.170
2		0.140	1.14	22.09.1976	59.6	466		31.12.1986	9	0.600	0.660	1.18	0.331	0.170	0.170
3		0.150	1.22	28.08.1991+	57.8	471		11.03.1981	8	0.600	0.660	1.18	0.310	0.170	0.170
4		0.170	1.39	14.09.1999+	56.4	460		31.03.1962	7	0.600	0.660	1.18	0.300	0.170	0.170
5		0.210	1.71	16.08.1983+	52.8	431		01.01.1987	6	0.600	0.600	1.06	0.280	0.170	0.170
6		0.220	1.79	02.09.1986	48.6	396		20.04.1970	5	0.600	0.600	1.05	0.270	0.160	

A<sub>Eo</sub> : 341 km<sup>2</sup>

PNP: NN + 271.22 m

Lage: 13.0 km oberhalb Mündung rechts



m<sup>3</sup>/s

Pegel : Schwarzburg

Gewässer : Schwarzza

Gebiet : Obere Saale

Nr. 572115

Tag	2003		2004												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	0.750	1.19	2.88	5.98	R3.11	4.55	3.11	3.11	2.42	0.650	0.970	1.30	2.20	1.19	5.03
2.	0.750	1.08	R2.65	9.79	R3.11	4.31	7.58	2.42	0.750	0.970	1.19	2.20	0.970	4.79	4.79
3.	0.650	1.08	R2.65	17.0	R2.88	4.07	5.98	2.20	0.970	0.970	1.08	2.20	0.860	4.79	4.79
4.	0.860	0.970	R2.20	17.0	R2.65	3.83	5.74	1.98	0.970	0.860	0.970	1.76	0.860	4.31	4.31
5.	0.750	0.970	R2.20	16.1	R2.42	4.07	5.98	2.42	0.860	0.860	0.970	1.50	0.860	4.07	4.07
6.	0.650	0.970	R2.20	14.7	R2.42	4.55	6.79	2.42	0.860	0.860	0.860	1.50	0.970	4.07	4.07
7.	0.650	0.970	R2.20	13.8	2.42	4.31	15.2	1.50	0.750	0.750	0.750	1.50	0.970	3.83	3.83
8.	0.650	R0.970	2.42	12.0	2.42	4.55	34.0	1.30	1.19	0.650	0.750	1.50	0.970	3.59	3.59
9.	0.650	R0.970	2.42	9.34	2.20	4.55	29.5	1.19	1.19	0.650	0.650	1.50	0.970	3.11	3.11
10.	0.650	R0.970	2.88	7.16	2.20	4.55	21.7	1.08	0.970	0.650	0.550	1.50	1.08	2.88	2.88
11.	0.650	R0.750	3.11	7.16	2.20	4.07	17.5	1.19	0.970	0.450	0.550	1.30	0.970	2.65	2.65
12.	0.650	R0.970	5.03	6.22	2.20	4.07	14.7	1.19	0.970	0.550	0.970	1.19	1.08	2.42	2.42
13.	0.550	1.30	5.74	5.98	2.20	4.07	12.9	1.19	0.970	0.750	0.970	1.19	1.50	2.20	2.20
14.	0.550	5.98	11.6	6.48	2.42	3.59	11.6	1.19	0.860	0.750	0.970	1.19	1.50	R1.98	R1.98
15.	0.550	5.74	11.6	6.79	3.35	3.59	9.79	1.08	0.860	0.750	0.860	1.19	1.30	G1.98	G1.98
16.	0.550	4.79	10.7	6.79	4.31	3.35	8.90	1.08	0.860	0.650	0.860	1.19	1.30	G1.98	G1.98
17.	1.08	4.31	9.79	6.22	4.79	3.35	8.02	1.08	0.750	0.650	0.750	1.19	1.50	G1.98	G1.98
18.	1.08	4.07	8.02	5.98	4.79	3.35	6.48	1.08	1.30	0.650	0.750	1.76	4.07	3.11	3.11
19.	1.08	3.83	7.16	5.74	5.03	3.83	5.74	1.30	2.20	0.550	0.750	1.30	16.1	2.65	2.65
20.	0.970	3.83	6.48	5.26	6.48	3.35	5.03	1.08	1.30	0.650	0.750	1.30	14.7	R2.20	R2.20
21.	0.970	5.26	5.50	5.03	9.34	3.11	4.79	0.970	1.30	0.550	0.750	1.50	10.7	R1.19	R1.19
22.	0.970	5.50	5.26	5.03	10.2	2.88	4.55	0.970	1.98	1.50	0.970	1.50	10.2	R1.08	R1.08
23.	0.970	5.26	4.79	4.31	8.46	3.11	4.07	0.970	1.76	0.970	4.31	2.20	15.6	R1.08	R1.08
24.	0.970	4.79	4.55	4.07	8.46	3.11	3.83	0.970	3.11	0.750	3.83	1.76	15.6	6.22	6.22
25.	0.860	4.55	4.55	3.59	7.58	2.88	2.88	0.860	2.65	0.750	3.59	1.19	14.3	11.1	11.1
26.	0.860	4.07	4.07	3.59	6.79	2.88	3.59	0.860	2.20	0.860	3.11	0.970	11.6	11.6	11.6
27.	0.860	3.83	3.83	R3.11	6.48	2.42	3.35	0.860	1.98	1.08	2.88	1.08	9.79	10.7	10.7
28.	1.19	3.83	3.59	R3.11	6.22	2.42	3.11	0.860	1.50	0.970	2.65	0.970	8.02	8.90	8.90
29.	1.98	3.59	3.35	R3.11	5.74	2.88	2.88	0.750	1.30	1.30	2.65	0.970	7.16	8.02	8.02
30.	1.50	3.35	4.55	5.26	1.76	2.65	2.65	0.750	1.19	1.76	2.42	0.970	6.22	6.79	6.79
31.		3.11	4.55	5.03		5.03	2.42		1.08	1.76		1.19		6.48	6.48
Tag	13.+	11.	4.+	27.+	9.+	30.	31.	29.+	1.	11.	10.+	26.+	3.+	22.+	
NQ	0.550	0.750	2.20	3.11	2.20	1.76	2.42	0.750	0.650	0.450	0.550	0.970	0.860	1.08	
MQ	0.862	3.00	4.92	7.60	4.62	3.58	8.88	1.31	1.30	0.866	1.48	1.43	5.43	4.41	
HQ	2.42	8.02	12.5	17.5	11.6	5.03	36.3	3.11	4.07	3.11	5.98	2.88	22.4	13.8	
Tag	17.	14.	15.	3.+	21.	6.03	8.	1.	24.	21.+	23.	1.	19.	25.	
h <sub>N</sub>	mm														
h <sub>A</sub>	mm	7	24	39	56	36	27	70	10	10	7	11	11	41	35
		1983/2003		1984/2004										21 Jahre	
Jahr	1991	1997	1997	1997	1996	2002+	1999+	2003	2000+	2003	1999	1991	1991	1997	
NQ	0.440	0.640	0.640	0.640	0.700	1.08	0.640	0.310	0.370	0.260	0.240	0.350	0.440	0.640	
MNQ	1.75	2.13	2.63	2.97	3.24	3.31	1.66	1.22	0.862	0.698	0.718	0.984	1.73	2.07	
MQ	4.31	6.88	8.60	7.08	8.64	7.66	3.42	2.74	1.69	1.16	1.83	2.35	4.44	6.92	
MHQ	13.5	24.5	33.1	20.0	29.5	26.9	8.90	8.55	7.24	4.46	7.52	8.35	13.8	24.8	
HQ	70.0	65.5	90.3	79.0	77.5	218	36.3	35.6	23.2	18.9	55.0	47.0	70.0	65.5	
Jahr	1998	1986	2003	1997	1999	1994	2004	1986	1996	1987	1998	1998	1998	1986	
Mh <sub>N</sub>	mm														
Mh <sub>A</sub>	mm	33	54	68	52	68	58	27	21	13	9	14	18	34	54
		Abflussjahr (*)		Kalenderjahr		Unterschiedsdauer		Abflussjahr (*)		Kalenderjahr		1984/2004		21 Kalenderjahre	
		Jahr	Datum	Winter	Sommer	Jahr	Datum	in Tagen	Jahr	2004	Jahr	2004	Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte
NQ	m <sup>3</sup> /s	0.450	am 11.08.2004	0.550	0.450	0.450	am 11.08.2004	(365)	34.0	34.0				51.4	12.5
MQ	m <sup>3</sup> /s	3.31		4.08	2.56	3.81		364	29.5	29.5	160	89.5	41.0	12.5	
HQ	m <sup>3</sup> /s	36.3	am 08.05.2004	17.5	36.3	36.3	am 08.05.2004	363	21.7	21.7	64.0	64.0	36.3	12.5	
Nq	l/(skm <sup>2</sup> )	1.32		1.61	1.32	1.32		362	17.5	17.5	63.3	32.6	12.0		
Mq	l/(skm <sup>2</sup> )	9.71		12.0	7.51	11.2		361	17.5	17.5	55.0	30.4	12.0		
Hq	l/(skm <sup>2</sup> )	107		51.3	107	107		360	17.5	17.5	43.8	28.1	10.7		
h <sub>N</sub>	mm							359	16.1	17.0	41.5	25.8	10.7		
h <sub>A</sub>	mm	307		188	119	354		358	15.2	17.0	40.0	24.2	10.7		
		1984/2004 (*) 21 Jahre		1984/2004				357	15.2	16.1	39.3	22.5	9.90		
NQ	m <sup>3</sup> /s	0.240	am 16.09.1999	0.440	0.240	0.240	am 16.09.1999	356	15.2	16.1	31.9	17.7	8.90		
MNQ	m <sup>3</sup> /s	0.620		1.17	0.620	0.620		340	8.90	11.1	25.5	13.8	7.58		
MQ	m <sup>3</sup> /s	4.68		7.21	2.20	4.70		330	7.16	9.34	18.3	11.6	5.74		
MHQ	m <sup>3</sup> /s	61.3		59.5	16.3	61.0		320	6.22	7.58	15.6	9.35	4.76		
HQ	m <sup>3</sup> /s	218	am 13.04.1994	218	55.0	218	am 13.04.1994	300	5.26	6.22	13.5	7.20	3.60		
HQ <sub>1</sub>	m <sup>3</sup> /s							270	4.31	4.79	8.81	5.22	2.71		
HQ <sub>5</sub>	m <sup>3</sup> /s							240	3.59	4.07	6.42	3.99	2.14		
MNq	l/(skm <sup>2</sup> )	1.82		3.43	1.82	1.82		210	2.88	3.35	5.53	3.01	1.30		
Mq	l/(skm <sup>2</sup> )	13.7		21.2	6.46	13.8		183	2.42	2.65	4.70	2.43	1.08		
MHq	l/(skm <sup>2</sup> )	180		175	47.8	179		150	1.50	2.20	4.18	1.92	0.860		
Mh <sub>N</sub>	mm							130	1.30	1.76	3.44	1.55	0.750		
Mh <sub>A</sub>	mm	434		333	103	436		120	1.19	1.50	3.21	1.45	0.750		
		Niedrigwasser		Hochwasser				110	1.19	1.30	2.98	1.30	0.750		
	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum	100	1.08	1.30	2.98	1.19	0.750		
1	0.240	0.704	16.09.1999+	218	640		13.04.1994	90	1.08	1.19	2.75	1.11	0.650		
2	0.260	0.763	14.08.2003	90.3	265		03.01.2003	80	1.08	1.08	2.52	1.02	0.650		
3	0.320	0.939	15.06.2000	89.5	263		28.01.2002	70	1.08	1.08	2.52	0.950	0.640		
4	0.350	1.03	16.09.1991+	79.0	232		26.02.1997	60	0.970	1.08	2.52	0.870	0.550		
5	0.370	1.09	19.08.1998	77.5	227		03.03.1999	50	0.970	0.970	2.32	0.800	0.550		
6	0.420	1.23	05.08.1994+	76.0	223		30.01.1995	40	0.860	0.970	2.14	0.720	0		



A<sub>Eo</sub> : 255 km<sup>2</sup>

PNP: NN + 170.63 m

Lage: 1.8 km oberhalb Mündung rechts



Pegel : Freienorla

Nr. 572400

Gewässer : Orla

Gebiet : Obere Saale

m<sup>3</sup>/s

	Tag	2003		2004														
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
Tageswerte	1.	0.650	0.650	0.650	1.36	0.980	0.800	K 0.520	0.890	K 0.470	K 0.650	K 0.520	K 0.650	0.650	1.25			
	2.	0.580	0.580	0.650	2.04	0.980	0.720	K 1.16	0.720	K 0.520	K 0.580	K 0.520	K 0.520	0.580	1.13			
	3.	0.580	0.580	0.580	3.18	0.980	0.720	K 0.800	0.720	K 0.720	K 0.580	K 0.520	K 0.720	0.580	1.13			
	4.	0.580	0.580	0.580	2.55	0.890	0.720	K 0.800	0.720	K 0.890	K 0.580	K 0.520	K 0.580	0.520	1.01			
	5.	0.520	0.580	0.580	2.04	0.800	0.720	K 1.36	0.980	K 0.720	K 0.580	K 0.520	K 0.520	0.520	0.890			
	6.	0.520	0.580	0.650	1.92	0.800	0.800	K 1.80	0.720	K 0.720	K 0.580	K 0.520	K 0.520	0.580	0.780			
	7.	0.520	0.520	0.720	1.57	0.890	0.800	K 4.88	K 0.650	K 0.650	K 0.470	K 0.520	K 0.520	0.650	0.780			
	8.	0.520	0.520	0.720	1.57	0.890	1.07	5.28	K 0.650	K 0.890	K 0.470	K 0.520	K 0.520	0.800	0.780			
	9.	0.520	0.520	0.720	1.36	0.890	0.890	3.18	K 0.720	K 0.580	K 0.470	K 0.520	K 0.520	0.720	0.780			
	10.	0.520	0.520	0.720	1.26	0.890	0.800	2.55	K 0.800	K 0.580	K 0.520	K 0.520	K 0.520	0.890	0.780			
	11.	0.520	0.520	0.720	1.16	0.890	0.800	2.04	K 0.720	K 0.580	K 0.470	K 0.580	K 0.470	0.800	0.780			
	12.	0.520	0.520	0.980	1.16	0.890	0.800	1.92	K 0.720	K 0.520	K 0.520	K 1.07	K 0.520	0.800	0.780			
	13.	0.520	0.650	1.46	1.16	0.800	0.720	1.68	K 0.650	K 0.580	K 1.07	K 0.720	K 0.520	1.07	0.780			
	14.	0.520	0.980	1.46	1.46	0.890	0.720	1.36	K 0.650	K 0.520	K 0.580	K 0.720	K 0.520	1.16	0.680			
	15.	0.520	0.800	1.46	1.57	1.07	0.650	1.16	K 0.650	K 0.520	K 0.580	K 0.650	K 0.520	0.980	0.680			
	16.	0.520	0.720	1.36	1.68	1.07	0.650	1.16	K 0.650	K 0.520	K 0.520	K 0.580	K 0.580	0.890	0.680			
	17.	0.520	0.800	1.26	1.57	0.980	0.650	1.07	K 0.650	K 0.520	K 0.470	K 0.520	K 0.580	0.980	0.680			
	18.	0.520	0.800	1.07	1.57	0.890	0.650	0.980	K 0.650	K 0.520	K 0.470	K 0.520	K 0.520	1.16	1.13			
	19.	0.520	0.800	1.07	1.46	0.890	0.720	0.890	K 0.580	K 0.980	K 0.470	K 0.520	K 0.520	3.01	1.01			
	20.	0.470	0.800	1.16	1.36	1.16	0.580	0.890	K 0.650	K 1.07	K 0.520	K 0.520	K 0.520	3.44	0.780			
	21.	0.470	0.890	0.980	1.36	1.16	0.580	0.890	K 0.580	K 1.16	K 0.520	K 0.520	K 0.800	2.99	0.680			
	22.	0.420	0.890	0.890	1.26	0.890	0.580	0.890	K 0.580	K 1.68	K 0.520	K 0.580	K 0.650	2.84	0.680			
	23.	0.420	0.890	0.890	1.07	0.890	0.580	0.890	K 0.580	K 1.07	K 0.470	K 1.57	K 0.520	3.89	0.600			
	24.	0.420	0.890	0.890	1.07	1.07	0.580	0.890	K 0.580	K 2.28	K 0.890	K 0.520	K 0.520	3.59	0.680			
	25.	0.420	0.890	0.890	0.980	1.07	0.580	0.890	K 0.580	K 1.16	K 0.470	K 0.800	K 0.520	2.69	0.890			
	26.	0.420	0.890	0.800	0.890	0.980	0.520	0.890	K 0.580	K 0.890	K 0.470	K 0.720	K 0.520	2.24	1.25			
	27.	0.420	0.800	0.800	0.890	0.980	0.520	0.890	K 0.470	K 0.800	K 0.520	K 0.650	K 0.520	1.79	1.64			
	28.	0.580	0.800	0.800	0.800	0.890	0.580	0.800	K 0.470	K 0.720	K 0.520	K 0.520	K 0.520	1.50	1.50			
	29.	0.980	0.800	0.800	0.800	0.800	0.520	0.800	K 0.470	K 0.650	K 0.720	K 0.520	K 0.520	1.37	1.25			
	30.	0.720	0.720	0.720	0.720	0.890	0.380	0.720	K 0.470	K 0.720	K 0.580	K 0.650	K 0.890	1.25	1.13			
	31.	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	K 0.650	K 0.580		1.26	1.25	1.25			
Hauptwerte	Tag	22.+	7.+	3.+	28.+	31.	30.	1.	27.+	1.	7.+	1.+	11.	4.+	23.			
	NQ	0.420	0.520	0.580	0.800	0.720	0.380	0.450	0.470	0.470	0.470	0.520	0.470	0.520	0.600			
	MQ	0.531	0.716	0.895	1.45	0.931	0.680	1.52	0.650	0.802	0.548	0.634	0.590	1.50	0.930			
	HQ	1.16	1.16	1.68	3.55	1.36	1.46	8.08	1.80	4.88	2.28	1.92	1.57	3.93	1.79			
	Tag	29.	14.	13.+	3.	20.+	8.	7.	1.	24.	13.	23.	30.+	19.	27.+			
	h <sub>N</sub>	mm																
	h <sub>A</sub>	mm	5	8	9	14	10	7	15	7	8	6	6	15	10			
			1927/2003		1928/2004										67 Jahre			
	Jahr		1959+	1967	1986	1936	1930	1943	1943	1990	1960	1992	1991	1991+	1959+	1967		
	NQ	m <sup>3</sup> /s	0.170	0.170	0.180	0.150	0.060	0.120	0.110	0.260	0.210	0.180	0.260	0.260	0.170	0.170		
	MNQ	m <sup>3</sup> /s	0.767	0.740	0.838	0.917	0.953	0.955	0.818	0.747	0.769	0.755	0.836	0.842	0.767	0.748		
	MQ	m <sup>3</sup> /s	1.18	1.23	1.41	1.47	1.75	1.62	1.43	1.43	1.27	1.12	1.17	1.27	1.18	1.22		
	MHQ	m <sup>3</sup> /s	3.17	3.49	3.77	3.63	4.72	4.81	5.03	5.61	5.39	4.18	3.46	3.32	3.10	3.38		
	HQ	m <sup>3</sup> /s	21.1	16.4	18.4	14.9	38.4	25.6	26.5	27.7	45.0	19.5	16.7	11.1	21.1	16.4		
	Jahr		1941	1974	1953	1941	1942	1980	1941	1961	1932	1977	1995	1974	1941	1974		
Mh <sub>N</sub>	mm																	
Mh <sub>A</sub>	mm	12	13	15	14	18	16	15	15	13	12	12	13	12	13			
Hauptwerte			Abflussjahr (*)				Kalenderjahr				Unterschiedene Abflüsse m <sup>3</sup> /s							
			2004				2004				Abflussjahr (*)		Kalenderjahr		1928/2004		67 Kalenderjahre	
			Jahr	Datum	Winter	Sommer	Jahr	Datum			Abflussjahr (*)	Kalenderjahr	Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte			
	NQ	m <sup>3</sup> /s	0.380	am 30.04.2004	0.380	0.470	0.380	am 30.04.2004			(365)	5.28	5.28	23.9	9.84	1.45		
	MQ	m <sup>3</sup> /s	0.822		0.864	0.780	0.919				364	4.88	4.88	22.7	7.87	1.45		
	HQ	m <sup>3</sup> /s	8.08	am 07.05.2004	3.55	8.08	8.08	am 07.05.2004			363	4.88	3.89	15.5	6.76	1.45		
											362	3.18	3.44	15.4	6.08	1.45		
	Nq	l/(skm <sup>2</sup> )	1.49		1.49	1.84	1.49				360	3.18	3.44	13.8	5.62	1.42		
	Mq	l/(skm <sup>2</sup> )	3.22		3.38	3.06	3.60				359	2.28	3.04	13.2	5.36	1.41		
	Hq	l/(skm <sup>2</sup> )	31.6		13.9	31.6	31.6				358	2.28	3.41	11.8	5.11	1.41		
											357	2.28	2.99	10.1	4.88	1.36		
	h <sub>N</sub>	mm									356	2.28	2.84	10.1	4.66	1.30		
	h <sub>A</sub>	mm	102		53	49	114				350	1.80	2.24	8.89	3.75	1.09		
											340	1.57	1.64	6.81	3.07	0.860		
										330	1.36	1.50	6.11	2.62	0.780			
										320	1.26	1.37	5.51	2.34	0.750			
										300	1.07	1.25	5.23	1.92	0.650			
										270	0.980	1.01	4.84	1.55	0.560			
										240	0.890	0.980	3.85	1.33	0.540			
										210	0.800	0.890	3.52	1.13	0.510			
NQ	m <sup>3</sup> /s	0.060	am 20.03.1930	0.060	0.110	0.060	am 20.03.1930			183	0.800	0.780	2.64	1.00	0.480			
MNQ	m <sup>3</sup> /s	0.398		0.523	0.479	0.405				150	0.720	0.780	2.43	0.870	0.440			
MQ	m <sup>3</sup> /s	1.35		1.43	1.26	1.36				130	0.650	0.680	2.33	0.800	0.350			
MHQ	m <sup>3</sup> /s	11.8		7.90	9.58	12.1				120	0.650	0.680	2.33	0.760	0.310			
HQ	m <sup>3</sup> /s	45.0	am 15.07.1932	38.4	45.0	45.0	am 15.07.1932			110	0.650	0.600	2.23	0.710	0.310			
HQ <sub>1</sub>	m <sup>3</sup> /s									100	0.580	0.600	2.23	0.690	0.270			
HQ <sub>5</sub>	m <sup>3</sup> /s									90	0.580	0.600	2.12	0.660	0.250			
MNq	l/(skm <sup>2</sup> )	1.56		2.05	1.88	1.59				80	0.580	0.600	2.12	0.610	0.230			
Mq	l/(skm <sup>2</sup> )	5.29		5.60	4.94	5.33				70	0.580	0.580	1.92	0.600	0.230			
MHQ	l/(skm <sup>2</sup> )	46.2		30.9	37.5	47.4				60	0.580	0.580	1.82	0.570	0.190			
Mh <sub>N</sub>	mm									50	0.580	0.580	1.72	0.530	0.180			
Mh <sub>A</sub>	mm	167		88	78	168				40	0.580	0.580	1.63	0.510	0.180			
										30	0.580	0.580	1.46					

A<sub>Eo</sub> : 254 km<sup>2</sup>

PNP: NN + 159.69 m

Lage: 5.0 km oberhalb Mündung rechts



Pegel : Zöllnitz

Nr. 572600

Gewässer : Roda

Gebiet : Obere Saale

m<sup>3</sup>/s

Tag	2003		2004													
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
1.	0.670	0.670	0.630	0.900	0.630	0.710	K 0.550	K 0.670	K 0.550	K 0.550	K 0.450	K 0.480	K 0.510	0.550		
2.	0.670	0.670	0.630	0.950	0.550	0.670	K 0.590	K 0.630	K 0.630	K 0.550	K 0.420	K 0.550	K 0.550	0.550		
3.	0.630	0.630	0.630	1.46	0.550	0.670	K 0.710	K 0.550	K 0.590	K 0.550	K 0.420	K 0.510	K 0.510	0.510		
4.	0.630	0.630	0.670	1.07	0.550	0.670	K 0.670	K 0.750	K 0.630	K 0.510	K 0.450	K 0.480	K 0.550	0.480		
5.	0.590	0.630	0.670	0.900	0.590	0.670	K 1.07	K 0.950	K 0.630	K 0.480	K 0.420	K 0.510	K 0.550	0.480		
6.	0.590	0.630	0.670	0.850	0.590	0.710	K 1.13	K 0.710	K 0.670	K 0.480	K 0.450	K 0.510	K 0.550	0.510		
7.	0.590	0.630	0.670	0.850	0.590	0.710	K 2.29	K 0.710	K 0.590	K 0.480	K 0.450	K 0.510	K 0.590	0.480		
8.	0.630	R 0.630	0.670	0.850	0.590	0.710	K 1.89	K 0.710	K 0.670	K 0.480	K 0.450	K 0.510	K 0.590	0.480		
9.	0.630	R 0.590	0.670	0.850	0.630	0.750	K 1.01	K 0.590	K 0.630	K 0.480	K 0.450	K 0.510	K 0.630	0.480		
10.	0.630	0.590	0.670	0.850	0.670	0.710	K 0.850	K 0.670	K 0.590	K 0.480	K 0.420	K 0.510	K 0.710	0.480		
11.	0.630	0.590	0.710	0.850	0.630	0.670	K 0.950	K 0.750	K 0.630	K 0.510	K 0.450	K 0.480	K 0.630	0.450		
12.	0.630	0.630	0.850	0.800	0.630	0.630	K 1.01	K 0.750	K 0.590	K 0.510	K 0.550	K 0.510	K 0.590	0.480		
13.	0.630	0.670	1.07	0.850	0.630	0.630	K 0.750	K 0.750	K 0.590	K 0.710	K 0.480	K 0.510	K 0.630	0.510		
14.	0.590	0.800	1.07	0.900	0.670	0.670	K 0.710	K 0.710	K 0.550	K 0.550	K 0.450	K 0.510	K 0.590	0.480		
15.	0.590	0.670	1.07	0.900	0.670	0.670	K 0.710	K 0.630	K 0.510	K 0.510	K 0.480	K 0.510	K 0.550	0.480		
16.	0.590	0.670	1.13	0.850	0.630	0.630	K 0.750	K 0.630	K 0.480	K 0.590	K 0.450	K 0.550	K 0.550	0.480		
17.	0.750	0.670	1.13	0.850	0.630	0.630	K 0.710	K 0.590	K 0.480	K 0.550	K 0.390	K 0.510	K 0.590	0.480		
18.	0.630	0.670	1.13	0.850	0.670	0.590	K 0.670	K 0.630	K 0.510	K 0.480	K 0.390	K 0.510	K 0.670	0.670		
19.	0.630	0.710	1.13	0.850	0.670	0.670	K 0.670	K 0.630	K 0.670	K 0.450	K 0.390	K 0.510	K 1.61	0.550		
20.	0.630	0.670	1.13	0.800	0.710	0.590	K 0.670	K 0.670	K 0.950	K 0.450	K 0.480	K 0.550	K 0.950	0.510		
21.	0.590	0.630	1.13	0.670	0.710	0.550	K 0.710	K 0.630	K 0.950	K 0.450	K 0.510	K 0.630	K 0.750	0.670		
22.	0.590	0.670	1.01	0.670	0.710	0.550	K 0.670	K 0.630	K 1.19	K 0.450	K 0.420	K 0.550	K 0.800	1.07		
23.	0.590	0.670	0.800	0.670	0.670	0.550	K 0.670	K 0.630	K 0.750	K 0.420	K 0.630	K 0.590	K 1.07	0.900		
24.	0.590	0.670	R 0.900	0.670	0.670	0.590	K 0.800	K 0.590	K 0.670	K 0.420	K 0.550	K 0.510	K 0.850	0.900		
25.	0.630	0.670	R 0.950	0.670	0.670	0.550	K 0.710	K 0.510	K 0.850	K 0.420	K 0.550	K 0.510	K 0.710	1.01		
26.	0.630	0.670	R 0.950	0.670	0.670	0.550	K 0.630	K 0.510	K 0.710	K 0.420	K 0.550	K 0.550	K 0.630	1.07		
27.	0.630	0.710	R 1.01	0.670	0.670	0.550	K 0.630	K 0.550	K 0.710	K 0.450	K 0.510	K 0.550	K 0.630	1.25		
28.	0.850	0.710	R 1.01	0.630	0.670	0.550	K 0.630	K 0.710	K 0.750	K 0.450	K 0.510	K 0.550	K 0.630	1.13		
29.	0.850	0.710	R 0.750	0.630	0.670	0.550	K 0.630	K 0.710	K 0.590	K 0.480	K 0.510	K 0.550	K 0.590	1.07		
30.	0.750	0.710	R 0.750	0.670	0.670	0.550	K 0.590	K 0.550	K 0.590	K 0.480	K 0.510	K 0.670	K 0.590	1.01		
31.	0.710	0.710	0.850	0.670	0.670	0.590	K 0.590	K 0.590	K 0.550	K 0.450	K 0.450	K 0.590	K 0.590	1.07		
Tag	5.+	9.+	1.+	28.+	2.+	21.+	1.	25.+	16.+	23.+	17.+	1.+	1.+	11.		
NQ	0.590	0.590	0.630	0.630	0.550	0.550	0.550	0.510	0.480	0.420	0.390	0.480	0.510	0.450		
MQ	0.642	0.664	0.875	0.827	0.643	0.630	0.823	0.653	0.691	0.492	0.471	0.533	0.678	0.685		
HQ	0.850	0.850	1.46	2.11	0.850	2.11	3.83	2.20	4.93	1.13	0.950	1.46	2.02	1.46		
Tag	28.+	14.+	24.	3.	20.	19.	7.	1.	20.	13.	16.	15.	19.	21.		
h <sub>N</sub>	mm															
h <sub>A</sub>	mm	7	7	9	8	7	6	9	7	7	5	5	6	7		
		1947/2003		1948/2004												57 Jahre
Jahr	1991	1991	1959+	1993	1993	1971	1993	1992+	1992	1964	1964	1964	1991	1991		
NQ	0.330	0.360	0.460	0.480	0.510	0.260	0.300	0.330	0.360	0.250	0.220	0.250	0.330	0.360		
MNQ	0.853	0.864	0.907	0.928	0.934	0.968	0.951	0.824	0.792	0.752	0.786	0.803	0.847	0.855		
MQ	1.08	1.18	1.30	1.26	1.42	1.33	1.26	1.13	1.03	0.963	1.04	1.07	1.16	1.16		
MHQ	2.14	2.64	3.19	2.72	3.30	4.73	4.09	5.30	3.65	3.43	1.98	2.63	2.16	2.58		
HQ	14.2	10.4	24.2	17.0	14.6	34.7	44.0	48.8	38.0	26.2	9.86	17.5	14.2	10.4		
Jahr	2002	1981	1969	1970	1979	1965	1969	1961	1958	1981	1952	1966	2002	1981		
Mh <sub>N</sub>	mm															
Mh <sub>A</sub>	mm	11	12	14	12	15	14	14	13	12	11	10	11	12		
Hauptwerte	Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s							
	2004				2004				1948/2004 57 Kalenderjahre							
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Abflussjahr (*)	Kalenderjahr	1948/2004	57 Kalenderjahre	Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte			
	NQ	m <sup>3</sup> /s	0.390	am 17.09.2004	0.550	0.390	0.390	am 17.09.2004	(365)	2.29	2.29	37.1	7.66	1.07		
	MQ	m <sup>3</sup> /s	0.662		0.713	0.611	0.666		364	1.69	1.69	28.8	6.07	1.01		
	HQ	m <sup>3</sup> /s	4.93	am 20.07.2004	2.11	4.93	4.93	am 20.07.2004	363	1.61	1.69	18.2	5.30	1.01		
	Nq	l/(skm <sup>2</sup> )	1.53		2.16	1.53	1.53		362	1.46	1.46	14.2	4.68	1.01		
	Mq	l/(skm <sup>2</sup> )	2.60		2.80	2.40	2.62		361	1.19	1.25	12.3	4.27	0.950		
	Hq	l/(skm <sup>2</sup> )	19.4		8.29	19.4	19.4		360	1.19	1.19	10.2	3.88	0.900		
	h <sub>N</sub>	mm							359	1.19	1.19	10.0	3.69	0.850		
	h <sub>A</sub>	mm	82		44	38	83		358	1.19	1.19	10.0	3.48	0.850		
			1948/2004 (*) 57 Jahre				1948/2004									
	NQ	m <sup>3</sup> /s	0.220	am 21.09.1964	0.260	0.220	0.220	am 21.09.1964	357	1.19	1.19	10.0	3.23	0.850		
	MNQ	m <sup>3</sup> /s	0.611		0.737	0.662	0.594		356	1.19	1.19	10.0	3.23	0.850		
	MQ	m <sup>3</sup> /s	1.20		1.28	1.13	1.20		355	1.13	1.13	6.37	2.62	0.850		
MHQ	m <sup>3</sup> /s	11.9		7.03	9.80	11.9		340	1.01	1.07	5.49	2.13	0.800			
HQ	m <sup>3</sup> /s	48.8	am 04.06.1961	34.7	48.8	48.8	am 04.06.1961	330	0.900	1.01	4.57	1.87	0.710			
HQ <sub>1</sub>	m <sup>3</sup> /s							320	0.900	0.950	4.05	1.70	0.710			
HQ <sub>5</sub>	m <sup>3</sup> /s							300	0.800	0.850	3.67	1.47	0.670			
MNq	l/(skm <sup>2</sup> )	2.40		2.90	2.60	2.33		270	0.750	0.750	3.29	1.26	0.630			
Mq	l/(skm <sup>2</sup> )	4.72		5.03	4.44	4.72		240	0.710	0.710	2.93	1.16	0.630			
MHq	l/(skm <sup>2</sup> )	46.8		27.6	38.5	46.8		210	0.710	0.710	2.59	1.08	0.590			
Mh <sub>N</sub>	mm							183	0.670	0.670	2.42	1.01	0.590			
Mh <sub>A</sub>	mm	149		79	71	149		150	0.670	0.630	2.25	0.920	0.510			
		Niedrigwasser				Hochwasser										
		m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum	130	0.630	0.590	2.25	0.870	0.480		
1		0.220	0.864	21.09.1964	48.8	192		04.06.1961	120	0.630	0.590	2.11	0.860	0.480		
2		0.260	1.02	20.04.1971	44.0	173		07.05.1969	110	0.630	0.590	2.11	0.820	0.480		
3		0.300	1.18	21.05.1993	38.0	149		06.07.1958	100	0.590	0.590	2.11	0.810	0.480		
4		0.330	1.30	18.10.1991+	34.7	136		29.04.1965	90	0.590	0.550	1.97	0.770	0.480		
5		0.330	1.30	31.08.1976	29.4	116		11.06.1965	80	0.590	0.550	1.97	0.760	0.480		
6		0.360	1.41	21.08.2003+	26.2	103		10.08.1981	70	0.550	0.550	1.97	0.720	0.450		
7		0.370	1.45	20.09.1959	25.4	99.8		2								

A<sub>Eo</sub> : 155 km<sup>2</sup>

PNP: NN + 407.53 m

Lage: 108.0 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Gräfinau-Angstedt

Nr. 572890

Gewässer : Ilm

Gebiet : Obere Saale

	Tag	2003		2004																		
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez							
<b>Tageswerte</b>	1.	0.700	1.05	1.65	3.10	1.45	2.02	1.75	1.75	0.950	0.550	0.850	0.750	1.45	0.550	2.97						
	2.	0.700	0.850	1.55	4.95	1.45	1.75	2.97	2.97	0.950	0.600	0.850	0.700	1.35	0.600	2.56						
	3.	0.750	0.800	1.45	10.1	1.35	1.75	2.16	2.16	0.950	0.750	0.850	0.600	1.25	0.600	2.29						
	4.	0.750	0.800	1.35	10.6	1.25	1.65	1.88	1.88	0.950	0.750	0.800	0.600	1.05	0.600	2.16						
	5.	0.700	0.750	1.35	10.4	1.15	1.65	2.83	1.05	0.600	0.600	0.750	0.510	1.05	0.600	1.75						
	6.	0.650	0.750	1.25	9.27	1.05	2.02	3.76	0.950	0.600	0.650	0.650	0.510	0.950	0.600	1.65						
	7.	0.650	0.700	1.25	8.78	1.05	1.75	10.27	0.950	0.550	0.650	0.510	0.950	0.950	0.600	1.55						
	8.	0.650	0.700	1.15	7.88	0.950	1.88	10.6	0.850	1.75	0.550	0.510	0.950	0.950	0.650	1.45						
	9.	0.650	0.650	1.05	6.75	0.950	1.75	8.78	0.800	1.25	0.550	0.510	0.950	0.950	0.600	1.35						
	10.	0.600	0.650	1.15	5.55	0.950	1.55	7.20	0.750	0.850	0.550	0.470	0.950	0.950	0.650	1.25						
	11.	0.600	0.750	1.65	5.15	0.850	1.65	6.15	0.800	0.850	0.510	0.470	0.950	0.950	0.650	1.15						
	12.	0.600	0.850	2.97	4.75	0.850	1.45	5.35	0.850	0.800	0.550	0.850	0.800	0.700	1.05	1.05						
	13.	0.550	1.55	4.09	3.92	0.850	1.45	4.58	0.800	0.800	0.850	0.700	0.850	0.800	0.950	0.950						
	14.	0.600	6.75	5.35	3.76	1.15	1.45	4.58	0.800	0.750	0.750	0.550	0.850	0.750	0.850	0.850						
	15.	0.600	5.35	5.55	3.76	1.45	1.35	3.60	0.700	0.700	0.700	0.550	0.850	0.700	0.850	0.850						
	16.	0.600	4.42	4.95	3.60	1.65	1.25	3.26	0.750	0.700	0.600	0.510	0.800	0.600	0.800	0.800						
	17.	1.05	3.92	4.75	3.26	1.88	1.25	2.83	0.700	0.650	0.700	0.510	0.700	0.700	0.950	0.950						
	18.	0.950	3.76	4.09	3.10	2.29	1.15	2.56	0.800	0.850	0.750	0.510	0.850	0.850	2.83	1.55						
	19.	0.850	4.42	3.60	2.97	2.70	1.55	2.42	0.800	1.05	0.600	0.470	0.800	0.800	9.81	1.05						
	20.	0.850	2.70	3.43	2.70	4.09	1.35	2.16	0.750	0.850	0.650	0.510	0.700	7.65	0.800	0.800						
	21.	0.850	4.95	2.97	2.42	6.35	1.05	2.16	0.650	0.800	0.600	0.510	0.800	5.95	1.25	1.25						
	22.	0.800	4.58	2.56	2.42	5.75	0.950	1.88	0.700	2.16	0.750	1.05	0.750	5.95	1.75	1.75						
	23.	0.800	4.09	2.42	2.29	5.55	1.05	1.75	0.800	1.35	0.550	3.76	0.750	9.81	1.05	1.05						
	24.	0.800	3.60	2.29	2.16	4.95	0.950	1.55	0.800	3.26	0.800	2.70	0.850	10.1	3.43	3.43						
	25.	0.750	3.43	2.16	2.02	4.42	0.950	1.45	0.650	2.29	0.550	2.29	0.650	8.55	5.55	5.55						
	26.	0.800	3.10	1.88	1.88	3.92	0.800	1.45	0.600	1.88	0.700	1.88	0.750	6.98	5.75	5.75						
	27.	0.750	2.83	1.75	1.75	3.43	0.800	1.35	0.550	1.65	0.700	1.75	0.700	5.75	5.35	5.35						
	28.	1.25	2.70	1.55	1.55	3.10	0.800	1.25	0.550	1.45	0.700	1.55	0.650	4.75	4.75	4.75						
	29.	1.65	2.56	1.45	1.45	2.70	0.750	1.15	0.550	1.25	0.750	1.65	0.650	4.09	4.42	4.42						
	30.	1.35	2.29	1.45	2.42	0.750	1.05	0.510	1.05	0.850	1.55	0.650	0.650	3.26	3.76	3.76						
	31.		1.88	1.35	2.29			0.950		1.05	0.850	0.650	0.650	3.43	3.43	3.43						
<b>Hauptwerte</b>	Tag	13.	9.+	9.	29.	11.+	29.+	31.	30.	1.+	11.	10.+	24.+	1.	16.+							
	NQ	0.550	0.650	1.05	1.45	0.850	0.750	0.950	0.510	0.550	0.510	0.470	0.650	0.550	0.800							
	MQ	0.795	2.52	2.43	4.56	2.39	1.35	3.38	0.777	1.11	0.686	1.00	0.861	3.21	2.24							
	HQ	2.29	9.00	5.95	10.6	7.65	2.29	14.1	3.60	10.4	1.75	5.55	1.55	12.9	6.75							
	Tag	28.	14.	13.+	3.+	21.	4.+	7.	23.	22.	30.	23.	1.	19.	25.							
	h <sub>N</sub>	mm																				
	h <sub>A</sub>	mm	13	44	42	74	41	23	58	13	19	12	17	15	54	39						
			1922/2003		1923/2004						82 Jahre											
	Jahr		1991	1953	1954	1963	1963	1960	1943	1954	1934	2003	1928	1933	1991	1953						
	NQ	m <sup>3</sup> /s	0.220	0.180	0.230	0.210	0.210	0.540	0.280	0.140	0.190	0.129	0.160	0.220	0.220	0.180						
	MNQ	m <sup>3</sup> /s	1.08	1.21	1.32	1.45	1.59	2.05	1.08	0.768	0.647	0.544	0.596	0.701	1.06	1.20						
	MQ	m <sup>3</sup> /s	2.49	3.20	3.44	3.33	3.76	4.12	2.13	1.66	1.30	1.05	1.19	1.70	2.47	3.16						
	MHQ	m <sup>3</sup> /s	7.28	10.3	10.8	9.31	10.6	9.34	5.42	5.27	4.47	4.84	3.63	4.90	7.32	10.2						
	HQ	m <sup>3</sup> /s	49.2	47.7	55.6	69.3	60.7	49.3	18.0	23.2	14.7	79.6	25.7	24.6	49.2	47.7						
	Jahr		1940	1947	2002	1946	1981	1994	1969	1972	1996	1981	1998	1960	1940	1947						
Mh <sub>N</sub>	mm																					
Mh <sub>A</sub>	mm	42	55	60	54	65	69	37	28	22	18	20	29	41	55							
<b>Extremwerte</b>			Niedrigwasser				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		0.129	0.833	14.08.2003+	79.6	514		10.08.1981													
	2		0.140	0.904	18.06.1954	69.3	448		08.02.1946													
	3		0.160	1.03	21.09.1928+	60.8	393		12.03.1981													
	4		0.180	1.16	12.12.1953+	55.6	359		26.01.2002													
	5		0.180	1.16	21.08.1947+	49.3	318		13.04.1994													
	6		0.190	1.23	07.08.1935+	49.2	318		05.11.1940													
	7		0.190	1.23	08.07.1934	47.7	308		28.12.1947													
	8		0.190	1.23	31.08.1929+	46.4	300		03.01.2003													
	9		0.200	1.29	09.07.1976+	45.4	293		06.01.1982													
	10		0.210	1.36	18.09.1964+	41.0	265		26.02.1997													
											Unter schreitungs- dauer in Tagen		Abfluss- jahr (*)		Kalender- jahr 2004		1923/2004 Obere Hüllwerte		82 Kalenderjahre Mittlere Werte		Untere Hüllwerte	
	NQ	m <sup>3</sup> /s	0.470	am 10.09.2004	0.550	0.470	0.470	am 10.09.2004			(365)	10.7	10.7	57.1	19.7	5.54						
	MQ	m <sup>3</sup> /s	1.82		2.33	1.31	1.99				364	10.7	10.7	50.2	16.9	5.28						
HQ	m <sup>3</sup> /s	14.1	am 07.05.2004	10.6	14.1	14.1	am 07.05.2004			363	10.4	10.4	45.5	13.8	4.70							
Nq	l/(skm <sup>2</sup> )	3.04		3.55	3.04	3.04				362	10.1	10.4	45.5	12.3	4.42							
Mq	l/(skm <sup>2</sup> )	11.8		15.1	8.46	12.9				361	10.1	10.1	45.5	11.5	4.38							
Hq	l/(skm <sup>2</sup> )	91.1		68.5	91.1	91.1				360	10.1	10.1	45.5	10.9	4.38							
h <sub>N</sub>	mm									359	9.27	10.1	29.2	10.5	4.23							
h <sub>A</sub>	mm	372		237	135	407				358	9.27	9.81	25.2	10.2	4.19							
		1923/2004 (*) 82 Jahre				1923/2004																
NQ	m <sup>3</sup> /s	0.129	am 14.08.2003	0.180	0.129	0.129	am 14.08.2003			357	7.88	9.81	23.5	9.74	3.81							
MNQ	m <sup>3</sup> /s	0.380		0.663	0.420	0.392				356	7.20	9.27	21.8	9.74	3.81							
MQ	m <sup>3</sup> /s	2.44		3.39	1.50	2.44				355	7.88	9.81	23.5	10.2	4.19							
MHQ	m <sup>3</sup> /s	22.2		21.2	10.4	22.2				354	7.20	9.27	21.8	9.74	3.81							
HQ	m <sup>3</sup> /s	79.6	am 10.08.1981	69.3	79.6	79.6	am 10.08.1981			353	5.75	6.98	15.4	8.06	2.95							
HQ <sub>1</sub>	m <sup>3</sup> /s									340	5.15	5.75	12.1	6.56	2.47							
HQ <sub>5</sub>	m <sup>3</sup> /s									330	4.42	4.95	10.3	5.58	2.22							
MNq	l/(skm <sup>2</sup> )	2.45		4.28	2.71	2.53				320	3.92	4.42	8.62	4.86	2.11							
Mq	l/(skm <sup>2</sup> )	15.8		21.9	9.69	15.8				300	2.97	3.26	7.52	3.88	1.62							
MHq	l/(skm <sup>2</sup> )	143		137	67.2	143				270	2.16	2.29	5.76	2.88	1.17							
Mh <sub>N</sub>	mm									240	1.65	1.75	4.73	2.24	0.770							
Mh <sub>A</sub>	mm	498		344	154	498				210	1.45	1.55	4.27	1.80	0.570							
										183	1.15	1.25	3.50	1.50	0.510							
										150	0											

A<sub>E0</sub> : 627 km<sup>2</sup>

PNP: NN + 222.80 m

Lage: 53.8 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Mellingen

Gewässer : Ilm

Gebiet : Obere Saale

Nr. 572910

Tag	2003		2004																	
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez						
1.	0.600	1.63	2.11	2.43	2.43	2.74	1.37	2.11	0.950	2.01	1.03	1.46	0.750	2.32						
2.	0.550	1.54	1.90	4.06	2.32	2.64	3.93	2.01	0.950	1.80	0.850	1.37	0.700	1.71						
3.	0.600	1.46	1.71	7.50	2.32	2.43	3.79	1.90	1.20	1.71	0.800	1.37	0.700	2.22						
4.	0.600	1.46	1.37	8.87	2.11	2.32	3.66	1.80	1.29	1.54	0.750	1.29	0.700	2.53						
5.	0.600	1.46	1.63	9.26	2.11	2.32	3.66	1.90	1.20	1.37	0.700	1.12	0.750	2.32						
6.	0.600	1.37	1.63	8.87	2.11	2.32	4.97	2.11	1.20	1.37	0.700	1.12	0.700	0.900						
7.	0.500	1.29	1.80	8.48	2.11	2.53	13.2	1.71	1.03	1.12	0.700	1.03	0.700	1.20						
8.	0.550	1.29	1.63	7.69	2.01	2.43	18.9	1.54	1.12	1.12	0.700	1.12	0.700	1.54						
9.	0.550	1.12	1.54	6.98	1.90	2.53	13.4	1.63	2.43	1.12	0.700	1.12	0.800	1.37						
10.	0.550	1.03	1.54	5.93	1.90	2.32	11.2	1.46	1.63	0.950	0.700	1.12	0.850	1.20						
11.	0.550	1.12	1.54	5.59	1.90	2.32	9.66	1.37	1.37	0.950	0.600	0.950	0.850	1.12						
12.	0.550	1.12	1.63	5.13	1.90	2.22	8.48	1.37	1.29	0.900	0.700	0.950	0.900	1.03						
13.	0.550	1.20	1.54	4.66	1.90	2.11	7.33	1.46	1.20	1.29	0.900	0.900	0.900	0.950						
14.	0.500	2.64	2.98	4.51	1.90	2.11	6.80	1.37	1.12	1.20	0.750	0.950	1.03	0.950						
15.	0.500	5.59	3.25	4.35	2.01	2.11	6.10	1.29	0.950	1.12	0.700	0.900	0.900	0.800						
16.	0.500	4.66	3.25	4.20	2.22	2.01	5.28	1.20	0.900	0.950	0.700	0.900	0.850	0.900						
17.	0.650	4.51	3.12	3.93	2.43	1.80	4.51	1.20	0.850	0.950	0.700	0.950	0.900	0.850						
18.	0.750	4.06	3.39	3.79	2.53	1.80	4.51	1.12	0.800	0.950	0.650	0.850	1.12	1.37						
19.	0.750	3.52	3.66	3.79	2.74	1.90	3.93	1.20	1.29	0.950	0.600	0.950	6.28	1.37						
20.	0.700	3.25	3.52	3.52	3.39	2.11	3.79	1.29	1.20	0.900	0.600	0.900	7.33	1.03						
21.	0.650	3.79	3.12	3.39	5.59	1.80	3.66	1.29	1.12	0.900	0.600	0.950	5.93	0.900						
22.	0.650	5.28	2.85	3.39	6.28	1.63	3.52	1.37	2.98	0.800	0.650	0.950	5.13	1.12						
23.	0.700	4.51	2.64	3.25	5.93	1.80	3.25	1.29	2.64	0.850	1.90	0.800	7.33	1.71						
24.	0.700	4.06	2.43	2.98	5.75	2.01	2.98	1.20	4.97	0.900	2.74	0.950	9.06	2.85						
25.	0.800	3.93	2.43	2.85	5.28	1.80	2.85	0.950	5.93	0.700	2.11	0.750	8.09	5.28						
26.	0.850	3.52	2.22	2.85	4.82	1.71	2.85	0.900	4.51	0.650	1.90	0.800	6.80	6.80						
27.	0.850	3.39	2.32	2.64	4.35	1.63	2.74	0.850	3.79	0.750	1.71	0.850	5.59	6.80						
28.	0.950	3.12	2.32	2.64	3.93	1.54	2.64	0.900	3.39	0.800	1.54	0.800	4.97	6.10						
29.	2.01	2.85	2.22	2.43	3.39	1.46	2.43	0.850	2.74	0.850	1.54	0.750	4.35	5.75						
30.	1.90	2.64	2.22	2.22	3.12	1.46	2.43	0.700	2.32	0.950	1.63	0.750	3.79	5.28						
31.		2.32	2.11		2.85		2.22		2.11	1.03		0.800		4.82						
Tag	7.+	10.	4.	1.+	9.+	29.+	1.	30.	18.	26.	11.+	25.+	2.+	15.						
NQ	0.500	1.03	1.37	2.43	1.90	1.46	1.37	0.700	0.800	0.650	0.600	0.750	0.700	0.800						
MQ	0.725	2.73	2.31	4.83	3.08	2.06	5.48	1.38	1.95	1.08	1.03	0.980	2.98	2.42						
HQ	2.32	6.63	4.82	9.26	7.15	2.85	24.9	2.53	14.6	2.64	3.39	1.63	10.3	7.50						
Tag	29.	14.	15.	4.+	21.	1.	8.	9.	24.	1.	24.	1.	19.	26.						
h <sub>N</sub>	mm																			
h <sub>A</sub>	mm	3	12	10	19	13	9	23	6	8	5	4	4	10						
1922/2003			1923/2004						82 Jahre											
Jahr	1991	1989+	1954	1963	1963	1991	1990	1934	1976	1991	1929	1991	1991	1989+						
NQ	0.350	0.490	0.330	0.360	0.360	1.10	0.390	0.220	0.220	0.220	0.150	0.180	0.350	0.490						
MNQ	2.00	2.16	2.38	2.84	3.31	4.02	2.51	1.87	1.43	1.14	1.07	1.26	1.97	2.11						
MQ	4.00	4.88	5.54	5.57	6.59	7.01	4.28	3.60	2.63	2.00	1.92	2.60	3.97	4.81						
MHQ	11.4	14.1	16.8	14.0	17.2	15.1	9.92	10.9	7.77	6.06	4.61	6.94	11.3	14.0						
HQ	88.8	70.7	80.6	57.3	71.8	98.3	52.5	70.7	67.7	95.9	22.6	31.0	88.8	70.7						
Jahr	1940	1947	2003	1940	1981	1994	1969	1961	1956	1981	1998	1939	1940	1947						
Mh <sub>N</sub>	mm																			
Mh <sub>A</sub>	mm	17	21	24	22	28	29	18	15	11	9	8	11	21						
Abflussjahr (*)			Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s													
2004			2004				2004				1923/2004 82 Kalenderjahre									
Jahr			Datum		Winter		Sommer		Jahr		Datum		Abflussjahr (*)		Kalenderjahr		1923/2004		82 Kalenderjahre	
													Obere Hüllwerte		Mittlere Werte		Untere Hüllwerte			
NQ	m <sup>3</sup> /s	0.500	am 07.11.2003		0.500	0.600	0.600		am 11.09.2004	(365)	18.9	18.9	76.6	30.3	7.26					
MQ	m <sup>3</sup> /s	2.30			2.61	1.99	2.46			364	13.4	13.4	61.8	25.0	6.53					
HQ	m <sup>3</sup> /s	24.9	am 08.05.2004		9.26	24.9	24.9		am 08.05.2004	363	13.2	13.2	55.4	22.0	6.38					
Nq	l/(skm <sup>2</sup> )	0.797			0.797	0.957	0.957			362	11.2	11.2	55.4	22.0	5.95					
Mq	l/(skm <sup>2</sup> )	3.67			4.16	3.17	3.92			361	9.66	9.66	53.6	20.3	5.95					
Hq	l/(skm <sup>2</sup> )	39.7			14.8	39.7	39.7			360	9.26	9.26	46.0	19.0	5.95					
h <sub>N</sub>	mm				65	50	124			359	9.26	9.06	42.3	18.1	5.95					
h <sub>A</sub>	mm	116								358	9.26	9.06	41.0	17.2	5.55					
1923/2004 (*) 82 Jahre			1923/2004				1923/2004													
NQ	m <sup>3</sup> /s	0.150	am 10.09.1929		0.330	0.150	0.150		am 10.09.1929	357	8.87	8.87	41.0	16.5	5.27					
MNQ	m <sup>3</sup> /s	0.753			1.35	0.841	0.766			356	8.87	8.87	41.0	15.8	5.27					
MQ	m <sup>3</sup> /s	4.21			5.60	2.84	4.20			355	8.87	8.87	41.0	15.8	5.27					
MHQ	m <sup>3</sup> /s	35.2			31.4	19.1	36.1			350	6.28	7.50	28.5	13.2	3.98					
HQ	m <sup>3</sup> /s	98.3	am 13.04.1994		98.3	95.9	98.3		am 13.04.1994	340	5.59	6.28	18.6	10.6	3.87					
HQ <sub>1</sub>	m <sup>3</sup> /s									330	4.66	5.59	16.3	9.04	3.51					
HQ <sub>5</sub>	m <sup>3</sup> /s									320	4.06	4.97	14.7	7.98	3.40					
MNq	l/(skm <sup>2</sup> )	1.20			2.15	1.34	1.22			300	3.52	3.93	13.0	6.55	2.75					
Mq	l/(skm <sup>2</sup> )	6.71			8.93	4.53	6.70			270	2.85	2.98	11.2	5.11	1.76					
MHq	l/(skm <sup>2</sup> )	56.1			50.1	30.5	57.6			240	2.43	2.43	9.46	4.05	1.24					
Mh <sub>N</sub>	mm									210	2.11	2.22	8.23	3.34	1.00					
Mh <sub>A</sub>	mm	212			140	72	212			183	1.80	1.80	7.35	2.84	0.880					
Niedrigwasser			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	0.150	0.239	10.09.1929+		98.3	157	13.04.1994													
2	0.170	0.271	09.09.1928		95.9	153	11.08.1981													
3	0.180	0.287	03.09.1951+		88.8	142	05.11.1940													
4	0.220	0.351	13.07.1976+		80.6	129	04.01.2003													
5	0.220	0.351	25.06.1934		77.8	124	01.01.1926													
6	0.280	0.447	15.09.1923		71.8	115	12.03.1981+													
7	0.300	0.478	22.09.2003+		70.7	113	10.06.1961													
8	0.300	0.478	02.08.1990+		70.7	113	29.12.1947													
9	0.300	0.478	08.10.1926		69.5	111	14.03.1947													
10	0.320	0.510	06.08.1947+		69.5	111	31.12.1925													

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

A<sub>Eo</sub> : 894 km<sup>2</sup>

PNP: NN + 133.40 m

Lage: 10.0 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Niedertrebra

Nr. 572920

Gewässer : Ilm

Gebiet : Obere Saale

Tag	2003		2004														
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
1.	2.37	2.85	3.95	4.10	4.10	3.95	2.49	3.49	1.89	3.49	2.37	2.37	1.89	4.80			
2.	2.37	2.85	3.80	6.44	4.10	3.95	3.65	3.80	2.13	3.17	2.13	2.85	1.65	4.40			
3.	2.37	2.85	3.65	11.7	3.95	3.65	5.20	3.49	2.37	3.01	1.89	2.61	1.59	4.25			
4.	2.37	3.01	3.33	14.4	3.80	3.65	5.20	3.33	2.61	2.85	1.77	2.49	1.52	3.80			
5.	2.37	2.85	3.33	14.7	3.65	3.65	5.00	3.65	2.49	2.61	1.65	2.37	1.52	3.65			
6.	2.37	2.85	3.49	14.1	3.49	3.65	7.30	3.49	2.25	2.49	1.65	2.37	1.52	3.33			
7.	2.25	2.85	3.95	13.4	3.49	3.95	17.0	3.33	2.13	2.49	1.65	2.25	1.39	3.17			
8.	2.37	2.85	3.65	13.1	3.49	4.10	26.5	3.01	2.73	2.25	1.65	2.37	1.59	3.01			
9.	2.25	2.85	3.49	11.7	3.17	3.95	19.7	3.01	3.49	2.37	1.65	2.13	1.65	2.85			
10.	2.37	2.61	3.49	9.94	3.49	3.80	16.7	3.65	3.17	2.25	1.65	2.25	2.13	2.73			
11.	2.25	2.61	3.33	9.32	3.49	3.65	15.0	2.85	2.85	2.13	1.77	2.37	1.89	2.61			
12.	2.25	2.73	3.80	8.48	3.33	3.49	13.4	2.85	2.37	2.13	2.37	2.25	1.65	2.61			
13.	2.25	2.73	5.92	7.60	3.17	3.49	11.7	2.73	2.49	3.33	1.77	2.13	1.89	2.49			
14.	2.25	3.65	7.30	7.00	3.17	3.33	10.3	2.85	2.25	2.61	2.13	2.25	1.89	2.49			
15.	2.25	8.20	8.48	7.00	3.33	3.33	9.60	2.61	2.37	2.37	1.77	2.13	1.89	2.37			
16.	2.25	7.00	8.76	7.00	3.49	3.17	8.48	2.49	2.25	2.37	1.65	2.13	1.77	2.37			
17.	2.49	7.00	8.20	6.44	3.80	3.17	7.60	2.49	2.25	2.37	1.77	2.13	1.77	2.37			
18.	2.01	6.18	7.60	6.18	4.10	3.01	7.00	2.61	2.13	2.25	1.65	2.37	2.25	2.73			
19.	2.01	5.66	6.70	6.18	4.25	3.49	6.18	2.49	2.37	2.25	1.65	1.89	7.30	3.17			
20.	1.89	5.00	7.30	5.66	4.80	3.49	5.66	2.37	3.33	2.13	1.65	2.25	13.1	2.73			
21.	1.89	4.80	6.18	5.66	6.18	3.01	6.18	2.37	3.01	2.25	1.65	2.37	9.32	2.25			
22.	1.89	7.30	5.66	5.40	8.48	2.85	5.92	2.61	5.40	2.49	1.89	2.25	7.90	2.13			
23.	1.89	6.44	5.20	5.20	7.60	3.49	5.20	2.49	6.18	2.01	2.49	2.13	9.32	1.89			
24.	1.89	5.92	4.80	4.80	7.00	3.80	5.00	2.37	4.80	2.13	4.80	2.13	13.4	2.61			
25.	1.89	5.40	4.80	4.60	6.70	3.01	4.40	2.61	10.3	1.89	3.95	2.13	12.4	4.60			
26.	1.89	5.40	4.80	4.60	6.18	2.85	4.40	2.37	6.70	1.89	3.80	1.89	10.6	7.00			
27.	1.89	5.00	4.40	4.40	5.40	2.73	4.25	2.25	5.66	1.89	3.33	2.01	8.76	7.60			
28.	2.49	4.80	4.40	4.25	5.20	2.73	4.10	2.25	4.80	2.13	3.01	2.01	7.60	6.70			
29.	3.49	4.60	4.25	4.10	4.80	2.61	3.95	2.13	4.40	2.13	3.01	2.01	6.44	6.18			
30.	3.49	4.60	4.10	4.10	4.40	2.49	3.65	2.01	3.95	2.37	2.85	2.13	5.66	5.40			
31.		4.25	3.95	4.25	4.25		3.49		3.65	2.25		1.89		5.00			
Tag	20.+	10.+	4.+	1.+	9.+	30.	1.	30.	1.	25.+	5.+	19.+	7.	23.			
NQ	1.89	2.61	3.33	4.10	3.17	2.49	2.49	2.01	1.89	1.89	1.65	1.89	1.39	1.89			
MQ	2.27	4.44	5.03	7.84	4.51	3.38	8.20	2.80	3.51	2.40	2.23	2.23	4.78	3.65			
HQ	4.40	9.32	9.94	15.0	9.32	5.20	30.2	7.00	16.1	6.18	5.40	3.49	15.4	7.90			
Tag	28.	15.	15.	4.	22.	23.+	8.	10.	25.	13.	24.	18.	20.	26.+			
h <sub>N</sub>	mm																
h <sub>A</sub>	mm	7	13	15	22	14	10	25	8	11	7	6	7	14			
		1922/2003		1923/2004												82 Jahre	
Jahr	1947	1949	1964	1963	1963	1938	1934	1934	1934	1949	1929	1949	1947	1949			
NQ	0.810	0.810	0.950	0.950	0.950	2.00	1.37	0.630	0.570	0.590	0.570	0.590	0.810	0.810			
MNQ	3.17	3.45	3.84	4.39	4.88	5.76	4.11	3.34	2.64	2.22	2.16	2.32	3.13	3.36			
MQ	5.39	6.50	7.26	7.56	8.81	9.25	6.32	5.43	4.15	3.30	3.08	3.86	5.35	6.42			
MHQ	13.0	16.1	18.4	17.0	20.8	18.6	13.3	15.2	10.5	8.34	6.31	8.70	13.0	16.0			
HQ	84.1	77.0	84.6	84.6	82.0	105	72.2	82.7	76.4	96.6	21.8	4.5	84.1	77.0			
Jahr	1940	1939	1926	1946	1942	1994	1969	1953	1956	1981	1998	1939	1940	1939			
Mh <sub>N</sub>	mm																
Mh <sub>A</sub>	mm	16	19	22	21	26	27	19	16	12	10	9	12	16			
		Abflussjahr (*)				Kalenderjahr				Unterschnittene Abflüsse m <sup>3</sup> /s							
		2004				2004				2004							
		Jahr	Datum	Winter	Sommer	Jahr	Datum			Abfluss-	Kalender-	1923/2004	82 Kalenderjahre				
										jahr (*)	jahr	Obere	Mittlere	Untere			
										2004	2004	Hüllwerte	Werte	Hüllwerte			
										2004	2004						
NQ	m <sup>3</sup> /s	1.65	am 05.09.2004	1.89	1.65	1.39	am 07.11.2004			(365)	26.5	26.5	101	38.8	8.19		
MQ	m <sup>3</sup> /s	4.07		4.56	3.57	4.21				364	19.7	19.7	17.0	31.4	8.19		
HQ	m <sup>3</sup> /s	30.2	am 08.05.2004	15.0	30.2	30.2	am 08.05.2004			363	17.0	17.0	16.7	74.2	7.54		
Nq	l/(skm <sup>2</sup> )	1.85		2.11	1.85	1.55				362	16.7	16.7	15.0	27.1	6.90		
Mq	l/(skm <sup>2</sup> )	4.55		5.10	3.99	4.71				361	15.0	15.0	14.4	24.7	6.70		
Hq	l/(skm <sup>2</sup> )	33.8		16.8	33.8	33.8				360	14.7	14.7	14.4	63.8	6.49		
h <sub>N</sub>	mm									359	14.4	14.4	14.1	21.9	6.49		
h <sub>A</sub>	mm	144		80	63	149				358	14.1	14.1	14.1	21.0	6.49		
		1923/2004 (*) 82 Jahre				1923/2004											
NQ	m <sup>3</sup> /s	0.570	am 29.07.1934	0.810	0.570	0.570	am 29.07.1934			357	14.1	14.1	14.1	49.2	6.49		
MNQ	m <sup>3</sup> /s	1.63		2.44	1.76	1.68				356	14.1	14.1	14.1	20.1	6.49		
MQ	m <sup>3</sup> /s	5.90		7.46	4.36	5.89				355	14.1	14.1	14.1	19.4	6.49		
MHQ	m <sup>3</sup> /s	40.4		36.1	24.0	41.1				350	11.7	12.4	29.8	16.5	5.70		
HQ	m <sup>3</sup> /s	105	am 14.04.1994	105	96.6	105	am 14.04.1994			340	8.48	9.32	24.2	13.5	5.17		
HQ <sub>1</sub>	m <sup>3</sup> /s									330	7.30	7.90	21.1	11.7	4.76		
HQ <sub>5</sub>	m <sup>3</sup> /s									320	6.70	7.30	19.7	10.5	4.60		
MNq	l/(skm <sup>2</sup> )	1.82		2.73	1.97	1.88				300	5.66	6.18	17.8	8.72	3.82		
Mq	l/(skm <sup>2</sup> )	6.60		8.34	4.88	6.59				270	4.60	5.00	15.8	7.08	3.16		
MHq	l/(skm <sup>2</sup> )	45.2		40.4	26.8	46.0				240	4.10	4.10	13.7	5.83	2.70		
Mh <sub>N</sub>	mm									210	3.65	3.65	12.6	4.98	2.35		
Mh <sub>A</sub>	mm	209		131	78	208				183	3.49	3.49	11.5	4.36	2.11		
		Niedrigwasser				Hochwasser											
		m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum		150	3.01	3.01	9.32	3.72	1.58		
1		0.570	0.637	29.07.1934	105	117		14.04.1994		130	2.61	2.73	7.97	3.35	1.32		
2		0.570	0.637	15.09.1929+	96.6	108		12.08.1981		120	2.61	2.61	7.54	3.20	1.20		
3		0.590	0.660	20.08.1949+	84.6	94.6		10.02.1946		110	2.49	2.49	6.90	3.02	1.18		
4		0.690	0.772	04.10.1947+	84.6	94.6		01.01.1926		100	2.49	2.49	6.49	2.86	1.09		
5		0.720	0.805	10.07.1930+	84.1	94.0		06.11.1940		90	2.49	2.49	6.30	2.71	1.09		
6		0.810	0.906	02.09.1952	82.7	92.5		27.06.1953		80	2.37	2.37	6.10	2.54	0.990		
7		0.850	0.950	18.09.1991+	82.0	91.7		19.03.1942		70	2.37	2.37	5.91	2.39	0.950		
8		0.860	0.962	15.09.1964	81.6	91.2		11.06.1961		60	2.25	2.25	5.73	2.26			

A<sub>Eo</sub> : 183 km<sup>2</sup>

PNP: NN + 210.27 m

Lage: 161.2 km oberhalb Mündung links



Pegel : Ammern

Nr. 573000

Gewässer : Unstrut

Gebiet : Unstrut

m<sup>3</sup>/s

Tag	2003		2004											
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	0.390	0.390	0.600	2.64	1.08	1.41	1.41	0.970	0.680	0.600	0.680	0.680	0.330	0.770
2.	0.390	0.460	0.600	4.72	0.970	1.41	1.41	0.970	0.870	0.600	0.600	0.680	0.330	0.770
3.	0.460	0.390	0.530	5.27	1.08	1.41	1.08	0.970	0.870	0.530	0.600	0.600	0.330	0.770
4.	0.530	0.460	0.530	2.88	0.970	1.52	0.970	0.970	0.770	0.530	0.600	0.530	0.330	0.680
5.	0.390	0.390	0.530	2.18	0.970	1.63	1.08	1.08	0.770	0.530	0.600	0.530	0.330	0.680
6.	0.390	0.390	0.530	1.85	0.970	1.74	1.19	0.970	0.770	0.530	0.600	0.530	0.390	0.680
7.	0.390	0.390	0.680	1.74	0.970	1.85	3.12	0.870	0.680	0.530	0.600	0.530	0.330	0.680
8.	0.390	0.390	0.600	1.96	0.970	1.96	3.36	0.870	0.870	0.530	0.600	0.460	0.280	0.680
9.	0.390	0.460	0.600	1.96	0.970	1.85	1.85	0.770	0.770	0.530	0.600	0.460	0.280	0.600
10.	0.390	0.390	0.680	1.74	0.970	1.85	2.64	0.770	0.680	0.460	0.600	0.460	0.390	0.600
11.	0.390	0.390	0.870	2.40	0.970	1.85	1.41	0.870	0.680	0.460	0.680	0.460	0.330	0.600
12.	0.330	0.390	1.63	2.52	0.970	1.74	1.19	0.870	0.680	0.530	0.680	0.460	0.330	0.600
13.	0.390	0.530	2.88	2.18	0.970	1.74	1.19	0.870	0.770	0.680	0.600	0.460	0.330	0.600
14.	0.390	1.74	2.64	2.64	1.08	1.74	1.19	0.870	0.680	0.600	0.600	0.460	0.390	0.600
15.	0.330	1.08	2.52	2.18	1.19	1.74	1.08	0.770	0.680	0.460	0.530	0.460	0.330	0.530
16.	0.330	0.770	2.52	1.85	1.19	1.74	1.08	0.870	0.680	0.460	0.530	0.460	0.330	0.530
17.	0.680	0.770	2.88	1.52	1.19	1.74	1.08	0.970	0.870	0.460	0.530	0.460	0.390	0.600
18.	0.460	0.770	1.96	1.52	1.19	1.74	1.08	0.970	0.970	0.460	0.600	0.460	0.680	0.970
19.	0.390	0.680	1.63	1.41	1.19	1.74	1.08	0.870	0.870	0.600	0.530	0.460	5.16	0.970
20.	0.330	0.600	1.63	1.41	1.30	1.63	0.970	0.870	0.870	0.460	0.600	0.460	2.29	0.680
21.	0.330	0.770	1.30	1.30	1.63	1.63	1.08	0.770	0.770	0.390	0.530	0.600	1.52	0.600
22.	0.330	0.970	1.08	1.30	2.40	1.52	1.08	0.770	1.63	0.460	0.770	0.460	2.52	0.530
23.	0.330	0.680	1.08	1.30	2.07	1.74	1.08	0.970	3.00	0.460	0.970	0.460	4.72	0.680
24.	0.330	0.600	0.970	1.19	1.74	1.52	1.08	0.870	2.52	0.530	0.770	0.390	2.07	3.36
25.	0.330	0.600	0.970	1.19	1.52	1.41	1.41	0.970	0.770	0.870	0.600	0.770	0.390	1.41
26.	0.330	0.600	0.970	1.19	1.41	1.41	0.970	0.770	0.870	0.680	0.770	0.390	1.08	1.74
27.	0.330	0.770	0.970	1.08	1.41	1.41	0.970	0.770	0.770	0.680	0.680	0.390	0.970	1.30
28.	0.530	0.970	0.970	1.08	1.41	1.30	0.970	0.770	0.680	0.770	0.680	0.390	0.970	1.08
29.	0.460	0.870	0.970	1.08	1.41	1.30	0.970	0.770	0.680	0.970	0.770	0.390	0.870	0.970
30.	0.390	0.770	0.870	1.08	1.41	1.30	0.970	0.680	0.600	0.770	0.770	0.390	0.770	0.770
31.	0.390	0.680	0.870	1.08	1.41	1.30	0.970	0.680	0.600	0.680	0.680	0.390	0.770	0.770

Tag	12.+	1.+	3.+	27.+	2.+	28.+	4.+	30.	30.+	21.	15.+	24.+	8.+	15.+	
NQ	0.330	0.390	0.530	1.08	0.970	1.30	0.970	0.680	0.600	0.390	0.530	0.390	0.280	0.530	
MQ	0.394	0.649	1.23	1.98	1.26	1.62	1.31	0.864	0.918	0.565	0.648	0.474	1.03	0.916	
HQ	0.870	3.12	4.06	9.71	2.76	2.18	6.58	2.07	23.8	1.52	1.41	0.770	12.0	4.72	
Tag	17.+	2.	13.	3.	22.	23.	10.	1.	23.	13.	23.	2.+	19.	24.	
h <sub>N</sub>	mm														
h <sub>A</sub>	mm	6	9	18	27	18	23	19	12	13	8	9	7	15	
		1940/2003		1941/2004										57 Jahre	
Jahr	1959	1959	1960	1972	1960	1960	1960	1960	1960	1960	1959	1959	1959	1959	
NQ	0.170	0.130	0.130	0.150	0.150	0.230	0.320	0.290	0.210	0.210	0.170	0.210	0.170	0.130	
MNQ	0.687	0.799	1.03	1.17	1.31	1.44	1.21	0.971	0.829	0.700	0.634	0.628	0.673	0.789	
MQ	1.19	1.69	1.94	2.10	2.31	1.96	1.58	1.34	1.12	0.915	0.834	0.930	1.15	1.69	
MHQ	7.42	9.75	13.0	10.6	11.4	6.70	4.91	6.36	4.35	2.59	2.05	2.96	5.99	9.96	
HQ	104	53.2	52.0	42.4	67.5	54.4	39.0	115	70.2	14.4	10.8	18.0	63.2	53.2	
Jahr	1940	1988	1995	2000	1956	1983	1997	1981	1956	2002	1987	1998	1998	1988	
Mh <sub>N</sub>	mm														
Mh <sub>A</sub>	mm	17	25	28	29	34	28	23	19	16	13	12	14	16	

Hauptwerte	Abflussjahr (*)				Kalenderjahr		Unterschiedene Abflüsse m <sup>3</sup> /s							
	2004				2004		Unter schreitungs- dauer in Tagen	Abfluss- jahr (*) 2004	Kalender- jahr 2004	1941/2004 57 Kalenderjahre				
	Jahr	Datum	Winter	Sommer	Jahr	Datum				Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte		
NQ	m <sup>3</sup> /s	0.330	am 12.11.2003	0.330	0.390	0.280	am 08.11.2004	(365)	5.27	5.27	32.2	14.3	4.01	
MQ	m <sup>3</sup> /s	0.988		1.18	0.797	1.06		364	4.72	5.16	28.2	10.9	2.66	
HQ	m <sup>3</sup> /s	23.8	am 23.07.2004	9.71	23.8	23.8	am 23.07.2004	363	3.36	5.16	28.2	8.98	2.39	
Nq	l/(skm <sup>2</sup> )	1.80		1.80	2.13	1.53		362	3.12	4.72	18.0	7.32	2.18	
Mq	l/(skm <sup>2</sup> )	5.40		6.45	4.36	5.79		361	3.00	4.72	17.6	6.50	2.00	
Hq	l/(skm <sup>2</sup> )	130		53.1	130	130		360	3.00	4.72	14.6	5.75	1.81	
h <sub>N</sub>	mm			101	69	183		359	3.00	3.12	14.2	5.28	1.36	
h <sub>A</sub>	mm	171						358	3.00	3.12	13.4	4.96	1.36	
		1941/2004 (*) 59 Jahre				1941/2004			357	2.88	3.12	12.6	4.68	1.36
NQ	m <sup>3</sup> /s	0.130	am 22.12.1959	0.130	0.170	0.130	am 04.01.1960	356	2.88	3.00	8.42	3.71	1.05	
MNQ	m <sup>3</sup> /s	0.432		0.609	0.551	0.452		355	2.64	2.88	5.40	2.94	1.05	
MQ	m <sup>3</sup> /s	1.51		1.89	1.12	1.49		350	2.07	2.29	4.28	2.65	0.890	
MHQ	m <sup>3</sup> /s	31.3		28.0	11.5	29.5		340	1.85	1.96	3.72	2.38	0.790	
HQ	m <sup>3</sup> /s	115	am 04.06.1981	104	115	115	am 04.06.1981	330	1.85	1.96	3.29	2.07	0.670	
HQ <sub>1</sub>	m <sup>3</sup> /s							320	1.30	1.41	2.76	1.70	0.630	
HQ <sub>5</sub>	m <sup>3</sup> /s							240	1.08	1.19	2.52	1.42	0.620	
MNq	l/(skm <sup>2</sup> )	2.36		3.33	3.01	2.47		210	1.08	1.08	2.30	1.28	0.610	
Mq	l/(skm <sup>2</sup> )	8.25		10.3	6.12	8.14		183	0.870	0.970	2.17	1.10	0.610	
MHQ	l/(skm <sup>2</sup> )	171		153	62.8	161		150	0.770	0.870	2.11	0.980	0.550	
Mh <sub>N</sub>	mm							130	0.770	0.770	2.05	0.880	0.430	
Mh <sub>A</sub>	mm	261		162	97	257		120	0.680	0.770	1.98	0.870	0.430	
		Niedrigwasser				Hochwasser			110	0.680	0.770	1.86	0.790	0.390
		m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum	100	0.680	0.680	1.86	0.770	0.390
1		0.130	0.710	22.12.1959+	115	628		04.06.1981	90	0.600	0.680	1.80	0.700	0.390
2		0.140	0.765	23.12.1976	104	568		04.11.1940	80	0.600	0.680	1.74	0.690	0.370
3		0.150	0.820	06.02.1972	70.2	384		15.07.1956	70	0.530	0.600	1.68	0.630	0.330
4		0.150	0.820	24.03.1960	67.5	369		04.03.1956	60	0.530	0.600	1.62	0.610	0.330
5		0.160	0.874	12.12.1991	65.0	355		08.02.1946	50	0.530	0.600	1.62	0.610	0.330
6		0.210	1.15	22.07.1960+	63.2	345		01.11.1998	40	0.460	0.530	1.50	0.560	0.320
7		0.240	1.31	17.11.1989+	54.4	297		20.04.1983	30	0.460	0.530	1.44	0.500	0.280
8		0.240	1.31	22.10.1989+	53.2	291		19						

A<sub>Eo</sub> : 716 km<sup>2</sup>

PNP: NN + 167.16 m

Lage: 133.2 km oberhalb Mündung rechts



m<sup>3</sup>/s

Pegel : Nängelstedt

Gewässer : Unstrut

Gebiet : Unstrut

Nr. 573010

Tag	2003		2004																							
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez												
1.	1.76	1.89	1.76	3.31	2.95	3.31	K 3.31	K 2.95	K 2.61	K 2.45	K 2.30	2.45	2.30													
2.	1.76	1.89	1.89	6.48	2.95	2.95	K 4.10	K 3.13	K 2.78	K 2.61	K 2.45	K 2.16	2.45	2.45												
3.	1.89	1.89	1.89	12.3	3.13	2.95	K 2.95	K 3.13	K 3.13	K 2.16	K 2.45	K 2.16	2.45	2.45												
4.	2.02	1.64	1.76	6.70	3.13	3.13	K 2.78	K 2.95	K 2.02	K 2.30	K 2.02	K 2.02	2.30	2.30												
5.	1.76	1.76	1.76	4.94	2.78	3.13	K 3.31	K 3.31	K 2.78	K 2.30	K 2.30	K 2.02	2.45	2.30												
6.	1.64	1.76	1.76	4.31	2.78	3.50	K 4.31	K 3.13	K 2.78	K 2.02	K 2.30	K 2.16	2.45	2.16												
7.	1.52	1.76	1.40	4.31	3.13	3.31	K 13.3	K 2.78	K 2.78	K 2.16	K 2.16	K 2.16	2.61	2.16												
8.	1.52	1.64	2.16	4.31	3.13	3.90	K 14.3	K 2.95	K 2.78	K 2.16	K 2.30	K 2.02	2.61	2.16												
9.	1.64	1.52	2.02	5.16	2.95	3.70	K 7.84	K 2.78	K 3.13	K 2.02	K 2.16	K 2.02	2.30	2.16												
10.	1.64	1.64	2.02	4.52	2.78	3.50	K 6.70	K 2.61	K 2.61	K 2.16	K 2.16	K 2.02	2.78	2.16												
11.	1.64	1.52	2.16	4.94	2.78	3.50	K 6.04	K 2.78	K 2.78	K 2.30	K 2.16	K 1.89	2.45	2.16												
12.	1.52	1.52	2.78	6.48	2.78	3.31	K 5.38	K 2.78	K 2.61	K 2.16	K 2.16	K 1.89	2.16	2.02												
13.	1.52	1.76	4.31	5.16	2.95	3.31	K 4.73	K 2.95	K 2.78	K 2.45	K 2.30	K 2.02	2.02	2.16												
14.	1.76	4.31	6.04	5.82	2.95	3.31	K 4.52	K 2.78	K 2.78	K 2.45	K 2.16	K 2.16	2.16	2.02												
15.	1.64	3.31	4.94	5.60	2.78	3.31	K 4.10	K 2.78	K 2.61	K 2.16	K 2.16	K 2.16	2.16	1.89												
16.	1.64	2.61	4.52	4.73	2.95	3.31	K 4.10	K 2.61	K 2.61	K 2.16	K 2.30	K 2.30	1.89	1.76												
17.	1.89	2.45	5.16	4.31	2.95	3.13	K 4.10	K 2.78	K 2.61	K 2.45	K 2.30	K 1.76	1.89	2.02												
18.	1.89	2.45	3.90	4.10	2.95	3.50	K 4.10	K 3.13	K 3.13	K 2.45	K 2.30	K 2.02	2.16	2.61												
19.	1.76	2.45	3.50	4.10	2.95	3.31	K 3.70	K 2.78	K 3.70	K 2.45	K 2.30	K 2.16	8.32	2.45												
20.	1.76	2.16	3.31	3.90	3.31	3.50	K 3.50	K 2.78	K 3.31	K 2.61	K 2.30	K 1.89	5.16	2.30												
21.	1.64	2.30	2.95	3.70	4.31	3.13	K 3.90	K 2.78	K 3.13	K 2.30	K 2.30	K 2.45	3.50	2.02												
22.	1.64	2.45	2.78	3.70	4.52	3.13	K 3.90	K 2.95	K 4.31	K 2.61	K 2.78	K 2.30	2.95	1.76												
23.	1.76	2.45	2.78	3.50	4.52	3.70	K 3.70	K 2.95	K 3.31	K 2.30	K 3.13	K 1.89	7.61	1.89												
24.	1.64	2.02	2.78	3.50	3.90	3.90	K 3.50	K 3.13	K 7.84	K 2.30	K 3.13	K 2.16	4.94	3.50												
25.	1.64	2.02	2.61	3.50	3.50	3.13	K 3.50	K 2.78	K 3.31	K 2.30	K 2.78	K 2.02	3.13	3.13												
26.	1.76	2.02	2.61	3.50	3.31	3.31	K 3.70	K 2.45	K 3.13	K 2.45	K 2.78	K 2.16	2.78	3.50												
27.	1.64	2.02	2.61	3.50	3.31	2.95	K 3.50	K 2.45	K 3.13	K 2.61	K 2.61	K 2.30	2.61	2.78												
28.	1.89	2.02	2.61	3.31	3.13	3.13	K 2.78	K 2.78	K 2.78	K 2.61	K 2.61	K 2.02	2.45	2.61												
29.	2.30	2.16	2.45	3.31	3.13	3.31	K 2.78	K 2.78	K 2.78	K 2.78	K 2.61	K 2.61	2.45	2.45												
30.	1.89	2.02	2.61	2.95	2.95	3.13	K 2.78	K 2.61	K 2.61	K 3.13	K 2.61	K 2.30	2.45	2.30												
31.	1.76	1.76	2.45	3.13	3.13	3.13	K 2.95	K 2.78	K 2.45	K 2.78	K 2.30	K 2.30	2.16	2.16												
Tag	7.+	9.+	7.	1.+	5.+	2.+	4.+	26.+	31.	4.+	7.+	17.	16.+	16.+												
NQ	1.52	1.52	1.40	3.31	2.78	2.95	2.78	2.45	2.45	2.02	2.16	1.76	1.89	1.76												
MQ	1.73	2.10	2.85	4.72	3.19	3.32	4.65	2.85	3.10	2.38	2.44	2.12	3.00	2.39												
HQ	2.95	6.48	6.70	15.8	5.16	5.16	20.8	3.90	15.0	4.31	3.70	5.60	14.3	6.48												
Tag	4.	14.	14.	3.	22.	23.	7.	5.	24.	2.	24.	27.	19.	24.+												
h <sub>N</sub>	mm																									
h <sub>A</sub>	mm	6	8	11	17	12	12	17	10	12	9	9	8	11	9											
1936/2003			1937/2004												68 Jahre											
Jahr	1959	1947	1977	1960	1954	1960	1960	1977	1992	1976	1960	1960	1959	1947												
NQ	0.600	0.640	0.700	0.800	0.870	1.00	0.800	0.560	0.540	0.560	0.700	0.600	0.600	0.640												
MNQ	2.01	2.38	2.84	3.31	3.69	3.87	3.21	2.78	2.50	2.18	1.99	1.91	2.01	2.37												
MQ	3.08	4.24	4.95	5.98	6.58	5.31	4.30	3.82	3.30	2.85	2.42	2.51	3.09	4.23												
MHQ	12.6	18.0	22.1	23.7	25.6	14.0	12.9	11.4	9.32	6.96	4.63	6.06	12.7	15.0												
HQ	147	80.9	85.2	124	147	65.0	50.4	80.8	87.2	37.5	19.5	30.1	147	80.9												
Jahr	1940	1947	1948	1946	1956	1994	1950	1981	1956	1972	1987	1974	1940	1947												
Mh <sub>N</sub>	mm																									
Mh <sub>A</sub>	mm	11	16	19	21	25	19	16	14	12	11	9	11	16												
Abflussjahr (*)			2004				Kalenderjahr				Unterschr. Dauertabelle															
			Jahr		Datum		Winter		Sommer		Jahr		Datum		Abfluss- dauer in Tagen		Abfluss- jahr (*)		Kalender- jahr		1937/2004		68 Kalenderjahre			
																					Obere Hüllwerte		Mittlere Werte		Untere Hüllwerte	
NQ	m <sup>3</sup> /s	1.40	am 07.01.2004	1.40	1.76	1.40	am 07.01.2004	3.08	am 07.01.2004	(365)	14.3	14.3	117	33.3	8.22											
MQ	m <sup>3</sup> /s	2.95		2.97	2.93					364	13.3	13.3	76.6	26.2	7.96											
HQ	m <sup>3</sup> /s	20.8	am 07.05.2004	15.8	20.8	20.8	am 07.05.2004			363	12.3	12.3	69.4	21.6	6.92											
Nq	l/(skm <sup>2</sup> )	1.96		1.96	2.46	1.96				362	12.3	8.32	69.4	19.5	6.70											
Mq	l/(skm <sup>2</sup> )	4.12		4.15	4.09	4.30				361	12.3	8.32	69.4	17.5	6.04											
Hq	l/(skm <sup>2</sup> )	29.1		22.1	29.1	29.1				360	7.84	8.32	69.4	16.3	5.84											
h <sub>N</sub>	mm									359	7.84	7.61	53.8	15.0	5.68											
h <sub>A</sub>	mm	130		65	65	136				358	6.70	7.61	32.6	14.0	4.40											
1937/2004 (*) 68 Jahre			1937/2004																							
NQ	m <sup>3</sup> /s	0.540	am 30.07.1992	0.600	0.540	0.540	am 30.07.1992			357	6.70	7.61	31.2	13.3	4.40											
MNQ	m <sup>3</sup> /s	1.43		1.85	1.76	1.55				356	6.48	6.70	29.3	10.7	2.83											
MQ	m <sup>3</sup> /s	4.10		5.02	3.20	4.10				355	5.38	5.38	21.9	8.60	2.22											
MHQ	m <sup>3</sup> /s	49.1		46.0	20.5	50.7				354	4.73	4.94	17.7	7.40	2.12											
HQ	m <sup>3</sup> /s	147	am 05.11.1940	147	87.2	147	am 05.11.1940			330	4.52	4.52	16.1	6.00	1.96											
HQ <sub>1</sub>	m <sup>3</sup> /s									320	4.10	4.31	13.6	5.48	1.80											
HQ <sub>5</sub>	m <sup>3</sup> /s									300	3.70	3.70	11.5	4.54	1.63											
MNq	l/(skm <sup>2</sup> )	2.00		2.58	2.46	2.16				270	3.50	3.50	9.00	3.91	1.62											
Mq	l/(skm <sup>2</sup> )	5.73		7.01	4.47	5.73				240	3.31	3.31	7.70	3.46	1.44											
MHQ	l/(skm <sup>2</sup> )	68.6		64.2	28.6	70.8				210	2.95	3.13	6.98	3.14	1.35											
Mh <sub>N</sub>	mm									183	2.95	2.95	6.52	2.78	1.17											
Mh <sub>A</sub>	mm	181		110	71	181				150	2.78	2.78	5.78	2.55	1.06											
Niedrigwasser			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	0.540	0.754	30.07.1992	147	205	05.03.1956																				
2	0.560	0.782	17.06.1977	147	205	05.11.1940																				
3	0.600	0.782	25.08.1976	124	173	09.02.1946																				
4	0.600	0.838	11.10.1960	124	173	20.03.1942																				
5	0.600	0.838	01.11.1959+	122	170	15.03.1947																				
6	0.640	0.894	07.10.1949+	116	162	09.02.1941																				
7	0.640	0.894	08.12.1947+	87.2	122	20.07.1956																				
8	0.650	0.908	22.06.1954	85.2	119	14.01.1948																				
9	0.670	0.936	01.07.1992	80.9	113	28.12.1947																				
10	0.670	0.936	15.12.1991+	80.8	113	04.06.1981																				

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
Beeinflussung durch Talsperren in Nebenläufen  
184 Tage Verkrautung

A<sub>Eo</sub> : 4174 km<sup>2</sup>

PNP: NN + 122.65 m

Lage: 76.6 km oberhalb Mündung rechts



m<sup>3</sup>/s

Pegel : Oldisleben

Nr. 573110

Gewässer : Unstrut

Gebiet : Unstrut

Tag	2003		2004												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	9.77	10.9	10.9	13.5	13.5	12.8	10.2	11.4	9.38	9.96	10.9	11.4	9.20	14.6	
2.	9.77	10.7	10.7	20.0	13.3	13.1	13.1	11.6	9.38	10.2	10.5	12.0	9.38	13.9	
3.	9.57	10.3	10.7	39.6	13.7	12.8	16.2	12.6	9.77	9.77	9.96	12.0	10.5	13.3	
4.	9.96	9.96	10.3	38.7	13.1	12.6	14.2	12.0	10.2	9.77	9.57	12.2	12.0	12.8	
5.	10.2	9.96	10.5	30.9	12.6	13.1	14.6	12.6	9.96	9.57	10.3	12.0	11.8	12.4	
6.	9.77	10.2	10.3	25.2	12.4	13.7	16.7	13.5	9.77	9.57	8.46	11.8	11.8	12.2	
7.	9.77	9.96	12.0	23.8	12.8	13.9	32.7	11.8	9.77	9.20	8.27	12.6	11.8	11.8	
8.	9.77	9.96	11.1	24.1	12.6	14.8	80.4	11.4	14.2	9.20	8.27	10.2	11.6	11.6	
9.	9.77	9.57	11.1	25.8	12.4	14.6	64.7	11.1	18.5	9.38	8.10	8.64	11.8	11.4	
10.	10.2	9.57	11.4	23.2	12.4	13.7	40.8	11.4	12.0	9.20	8.10	8.64	12.6	10.9	
11.	12.0	9.96	11.8	22.4	12.8	13.5	35.4	11.1	10.5	9.01	8.27	8.64	13.5	10.9	
12.	13.1	9.96	13.1	26.4	12.4	13.1	31.2	10.9	10.2	9.20	8.27	9.38	13.3	10.7	
13.	13.1	10.2	17.7	23.5	12.0	12.4	29.7	10.9	9.57	9.77	8.27	9.96	12.4	10.5	
14.	13.7	13.1	24.6	23.5	12.2	11.8	28.2	10.9	9.20	10.2	8.27	12.0	11.4	10.5	
15.	13.5	21.3	24.1	23.5	12.2	11.1	25.2	10.7	8.82	9.57	8.27	12.0	9.96	10.2	
16.	13.3	17.0	23.5	21.6	12.4	10.5	22.7	10.2	9.01	9.01	8.46	12.2	9.77	9.96	
17.	13.9	15.8	22.1	20.3	12.4	10.5	19.0	9.96	9.01	9.01	8.46	10.3	9.38	10.2	
18.	13.9	14.6	21.0	19.0	12.6	10.5	18.7	11.1	9.20	9.01	8.46	9.77	9.96	11.8	
19.	13.1	13.7	18.5	18.2	12.6	11.1	18.2	10.5	11.6	9.01	8.46	9.20	20.3	13.3	
20.	12.2	12.8	18.5	17.2	13.5	12.6	17.7	10.2	12.2	9.01	8.46	9.20	35.7	12.2	
21.	12.2	12.8	17.5	16.7	16.2	12.4	17.7	9.96	13.9	8.64	8.27	9.57	24.1	10.9	
22.	11.8	15.1	15.8	16.5	18.5	12.4	18.5	10.5	14.8	9.20	8.46	9.57	20.0	9.96	
23.	10.5	15.3	14.8	16.2	18.5	12.6	16.7	10.5	15.5	8.82	9.20	9.38	27.3	10.3	
24.	9.57	13.1	14.4	15.8	17.2	12.8	16.2	11.1	17.2	8.64	10.3	9.38	34.2	11.4	
25.	9.57	12.2	14.2	15.3	15.8	12.8	18.0	10.2	21.9	8.64	12.4	9.57	26.7	17.2	
26.	9.57	12.2	13.7	15.3	15.1	12.6	15.5	9.77	13.1	8.46	12.2	10.7	21.9	18.0	
27.	9.77	12.4	13.5	14.8	14.8	12.4	15.3	9.57	13.1	8.46	11.8	10.9	19.2	17.5	
28.	10.2	12.2	13.1	14.6	14.4	11.8	14.2	9.96	12.6	8.82	10.7	10.7	18.0	15.8	
29.	14.4	12.0	13.1	13.9	14.2	10.7	12.8	9.96	11.4	9.57	10.7	9.57	17.0	14.8	
30.	12.4	11.8	12.8	12.8	13.7	10.2	12.6	9.38	10.3	11.8	11.1	9.20	16.0	13.9	
31.		11.4	12.6		13.1		12.0		10.2	11.1		9.20		13.5	
Tag	3.+	9.+	4.+	1.	13.	30.	1.	30.	15.	26.+	9.+	9.+	1.	16.+	
NQ	9.57	9.57	10.3	13.5	12.0	10.2	10.2	9.38	8.82	8.46	8.10	8.64	9.20	9.96	
MQ	11.3	12.3	14.8	21.4	13.7	12.4	23.1	10.9	11.8	9.38	9.37	10.4	16.1	12.5	
HQ	15.3	22.9	27.6	52.6	19.2	15.3	87.8	14.2	28.8	15.1	13.5	13.3	39.6	19.0	
Tag	18.	15.	14.	3.	22.	8.	8.	22.	8.	30.	25.	2.	20.	25.	
h <sub>N</sub>	mm														
h <sub>A</sub>	mm	7	8	9	13	9	8	15	7	8	6	6	7	10	8
1922/2003			1923/2004 78 Jahre												
Jahr	1949	1976	1954	1949	1963	1934	1977	1934	1976	1976	1976	1949	1949	1976	
NQ	3.32	3.45	4.44	5.04	5.82	5.52	4.40	3.94	3.15	2.85	2.50	3.44	3.32	3.45	
MNQ	10.9	11.8	13.9	16.1	17.9	19.1	14.7	12.2	9.64	8.84	8.55	8.81	10.8	11.6	
MQ	15.8	19.1	23.5	25.4	29.1	27.7	20.9	17.5	14.1	11.7	10.9	12.3	15.7	18.9	
MHQ	28.8	39.4	49.7	48.8	54.3	43.6	35.6	31.9	27.0	20.2	18.0	21.4	28.8	39.2	
HQ	124	155	201	117	220	157	113	146	138	120	61.5	65.4	124	155	
Jahr	1998	2002	2003	1982	1947	1994	1961	1961	1956	1981	1998	1998	1998	2002	
Mh <sub>N</sub>	mm														
Mh <sub>A</sub>	mm	10	12	15	15	19	17	13	11	9	8	7	8	10	12
Abflussjahr (*)			2004		Kalenderjahr		2004		Unterschrittene Abflüsse m <sup>3</sup> /s		1923/2004		78 Kalenderjahre		
			Jahr	Datum	Winter	Sommer	Jahr	Datum	Unter schreitungs dauer in Tagen	Abfluss-jahr (*)	Kalender-jahr	Oberere Hüllwerte	Mittlere Werte	Untere Hüllwerte	
NQ	m <sup>3</sup> /s	8.10	am 09.09.2004	9.57	8.10	8.10	am 09.09.2004	(365)	80.4	80.4	196	96.6	19.4		
MQ	m <sup>3</sup> /s	13.4		14.3	12.5	13.8		364	64.7	64.7	186	84.4	16.7		
HQ	m <sup>3</sup> /s	87.8	am 08.05.2004	52.6	87.8	87.8	am 08.05.2004	363	40.8	40.8	177	78.2	12.7		
Nq	l/(skm <sup>2</sup> )	1.94		2.29	1.94	1.94		362	39.6	39.6	150	74.2	12.5		
Mq	l/(skm <sup>2</sup> )	3.21		3.43	2.99	3.31		361	38.7	38.7	136	71.0	12.4		
Hq	l/(skm <sup>2</sup> )	21.0		12.6	21.0	21.0		360	35.4	35.7	136	68.5	12.4		
h <sub>N</sub>	mm			54	48	105		359	32.7	35.4	136	66.1	12.4		
h <sub>A</sub>	mm	102						358	31.2	34.2	136	63.5	12.0		
1923/2004 (*) 79 Jahre			1923/2004												
NQ	m <sup>3</sup> /s	2.50	am 02.09.1976	3.32	2.50	2.50	am 02.09.1976	357	30.9	32.7	122	61.7	12.0		
MNQ	m <sup>3</sup> /s	7.08		9.61	7.66	7.35		356	29.7	31.2	121	52.3	11.2		
MQ	m <sup>3</sup> /s	18.9		23.3	14.5	18.9		355	24.6	26.4	99.4	42.9	10.1		
MHQ	m <sup>3</sup> /s	79.8		76.2	46.8	83.2		340	22.4	23.8	84.7	37.5	9.34		
HQ	m <sup>3</sup> /s	220	am 16.03.1947	220	146	220	am 16.03.1947	330	18.7	21.0	80.7	33.1	8.78		
HQ <sub>1</sub>	m <sup>3</sup> /s							320	18.2	18.7	76.5	27.5	8.00		
HQ <sub>5</sub>	m <sup>3</sup> /s							300	15.8	17.0	69.6	22.3	6.56		
MNq	l/(skm <sup>2</sup> )	1.70		2.30	1.84	1.76		270	13.9	14.6	53.5	18.7	5.40		
Mq	l/(skm <sup>2</sup> )	4.53		5.58	3.47	4.53		240	13.3	13.3	42.1	16.1	4.92		
MHq	l/(skm <sup>2</sup> )	19.1		18.3	11.2	19.9		210	12.6	12.8	38.6	14.1	4.71		
Mh <sub>N</sub>	mm							183	12.2	12.2	33.6	11.5	4.44		
Mh <sub>A</sub>	mm	143		88	55	143		150	11.1	11.6	28.4	11.1	4.44		
Niedrigwasser			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	2.50	0.599	02.09.1976+	220	52.7	16.03.1947	25	9.01	9.01	17.5	6.45	3.80			
2	3.32	0.795	03.11.1949	201	48.2	04.01.2003	20	8.82	8.82	17.2	6.16	3.60			
3	3.41	0.817	06.07.1934+	198	47.4	28.03.1987	15	8.64	8.64	16.5	5.88	3.60			
4	3.80	0.910	07.09.1991	157	37.6	14.04.1994+	10	8.64	8.64	16.0	5.42	3.45			
5	4.00	0.958	03.06.1977	157	37.6	02.01.1987	9	8.46	8.46	16.0	5.30	3.30			
6	4.08	0.977	25.08.1935+	155	37.1	31.12.2002	8	8.46	8.46	16.0	5.19	3.30			
7	4.20	1.01	10.12.1948	146	35.0	13.06.1961	7	8.46	8.46	15.5	4.93	3.15			
8	4.38	1.05	17.12.1933	144	34.5	04.01.1982	6	8.46	8.46	15.5	4.82	3.15			
9	4.44	1.06	08.01.1954	138	33.1	23.07.1956	5	8.27	8.27	15.0	4.00	2.70			
10	4.60	1.10	22.07.1977+	135	32.3	05.12.1981	4	8.10	8.10	14.5	2.50	2.50			

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. Ausfalljahr: KJ 1943-1946; AJ 1944-1946

Beeinflussung durch Talsperren



A<sub>Eo</sub> : 175 km<sup>2</sup>

PNP: NN + 293.58 m

Lage: 45.2 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Arnstadt

Gewässer : Gera

Gebiet : Unstrut

Nr. 574200

Tag	2003		2004												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	0.970	1.22	0.970	1.64	1.36	1.50	0.970	1.50	0.660	1.09	0.860	0.860	0.860	2.30	
2.	0.970	1.22	0.970	2.12	1.36	1.50	1.50	0.660	1.09	0.860	0.860	0.860	0.860	2.12	
3.	0.860	1.36	0.860	5.70	1.36	1.36	1.36	1.36	0.660	0.970	0.860	0.860	0.860	2.12	
4.	0.760	1.36	0.860	5.70	1.22	1.36	1.36	1.50	0.760	0.970	0.860	0.860	0.860	1.95	
5.	0.760	1.50	0.860	5.04	1.22	1.50	1.50	1.50	0.760	0.860	0.860	0.970	0.860	1.95	
6.	0.660	1.36	0.860	4.60	1.22	1.64	2.12	1.50	0.760	0.860	0.860	0.970	0.860	1.79	
7.	0.570	1.36	0.860	4.60	1.22	1.50	4.39	1.50	0.660	0.860	0.860	0.970	0.860	1.79	
8.	0.660	1.36	0.860	4.39	1.22	1.64	6.37	1.09	1.09	0.860	0.860	0.970	0.860	1.79	
9.	0.660	1.36	0.760	3.77	1.22	1.64	6.14	0.860	1.22	0.860	0.760	0.970	0.860	1.64	
10.	0.660	1.22	0.760	3.20	1.22	1.64	5.26	0.860	0.970	0.860	0.760	0.970	0.860	1.64	
11.	0.570	1.22	0.970	3.02	1.22	1.64	4.60	0.860	0.860	0.860	0.760	0.970	0.860	1.64	
12.	0.570	1.22	1.36	2.84	1.22	1.50	4.39	0.860	0.860	0.860	0.860	0.970	0.970	1.50	
13.	0.570	1.36	1.95	2.48	1.22	1.50	3.97	0.860	0.760	0.860	0.860	0.970	0.970	1.36	
14.	0.570	3.39	2.12	2.30	1.36	1.50	3.77	0.860	0.760	0.860	0.860	0.970	0.860	1.36	
15.	0.570	3.02	2.48	2.30	1.36	1.50	3.39	0.760	0.760	0.860	0.860	1.09	0.760	1.50	
16.	0.570	2.30	2.48	1.95	1.36	1.50	3.20	0.760	0.760	0.860	0.860	1.09	0.660	1.50	
17.	0.660	1.79	2.48	1.79	1.36	1.22	3.02	0.760	0.760	0.860	0.660	1.09	0.570	1.64	
18.	0.660	1.64	2.30	1.64	1.36	0.970	2.84	0.760	0.760	0.860	0.660	0.970	1.36	2.12	
19.	0.760	1.50	2.12	1.64	1.36	1.09	2.48	0.760	0.760	0.860	0.570	0.860	6.61	1.95	
20.	0.760	1.36	1.79	1.64	1.95	1.09	2.30	0.760	0.860	0.860	0.490	0.860	5.26	1.64	
21.	0.760	1.95	1.50	1.50	2.84	1.09	2.48	0.760	0.860	0.860	0.490	0.860	4.18	1.50	
22.	0.760	1.95	1.50	1.50	2.84	1.09	2.30	0.760	1.22	0.860	0.660	0.860	3.77	1.36	
23.	0.760	1.50	1.36	1.50	2.48	1.64	2.30	0.760	1.09	0.860	1.50	0.860	6.14	1.64	
24.	0.760	1.36	1.22	1.36	2.12	1.50	2.12	0.760	3.20	0.860	1.50	0.860	6.61	2.66	
25.	0.760	1.22	1.22	1.36	1.95	1.36	1.95	0.760	2.48	0.860	1.22	0.860	5.70	3.58	
26.	0.860	1.22	1.22	1.36	1.79	1.09	1.79	0.760	1.79	0.860	1.09	0.760	4.82	3.58	
27.	0.860	1.22	1.22	1.36	1.79	0.860	1.79	0.660	1.64	0.860	0.970	0.760	3.77	3.20	
28.	0.970	1.09	1.22	1.36	1.64	0.860	1.64	0.760	1.64	0.860	0.860	0.760	3.39	3.02	
29.	1.50	1.22	1.22	1.36	1.64	0.860	1.64	0.660	1.50	0.860	0.860	0.760	3.20	2.84	
30.	1.36	1.09	1.22	1.36	1.64	0.860	1.50	0.660	1.36	0.860	0.860	0.860	2.48	2.84	
31.		0.970	1.36		1.50		1.50		1.36	0.970		0.860		2.48	
Tag	7.+	31.	9.+	24.+	4.+	27.+	1.	27.+	1.+	5.+	20.+	26.+	17.	13.+	
NQ	0.570	0.970	0.760	1.36	1.22	0.860	0.970	0.660	0.660	0.860	0.490	0.760	0.570	1.36	
MQ	0.771	1.51	1.38	2.59	1.57	1.33	2.77	0.954	1.10	0.885	0.862	0.908	2.38	2.05	
HQ	1.50	3.97	3.20	5.92	3.02	1.79	6.61	1.79	5.92	1.22	1.95	1.36	8.98	4.18	
Tag	29.+	14.	18.	3.+	21.+	1.	7.+	1.	24.	12.	23.	29.	19.	25.	
h <sub>N</sub>	mm														
h <sub>A</sub>	mm	11	23	21	37	24	20	42	14	17	14	13	14	35	31
		1924/2003		1925/2004						75 Jahre					
Jahr	1948	1948	1949	1949	1963	1959	1963	2003	1949	1964	1964	1964	1964	1962	
NQ	0.250	0.210	0.210	0.310	0.330	0.740	0.720	0.430	0.340	0.250	0.250	0.330	0.320	0.420	
MNQ	1.21	1.34	1.46	1.65	1.82	2.33	1.64	1.26	1.01	0.904	0.836	0.926	1.22	1.36	
MQ	2.27	2.73	2.97	2.93	3.35	3.89	2.53	2.02	1.55	1.33	1.28	1.60	2.28	2.78	
MHQ	6.10	7.36	8.16	6.69	7.57	7.97	4.77	4.45	3.50	3.71	2.70	3.79	6.03	7.49	
HQ	50.0	34.5	32.1	27.2	28.5	58.9	15.9	25.5	14.0	75.7	14.4	11.0	50.0	34.5	
HQ <sub>1</sub>	1940	1939	1993	2002	1981	1994	1941	1933	1955	1981	1998	1954	1940	1939	
Mh <sub>N</sub>	mm														
Mh <sub>A</sub>	mm	34	42	46	42	51	58	39	30	24	20	19	25	34	43
		Abflussjahr (*)				Kalenderjahr				Unterschr. Dauertabelle					
		2004		2004		2004		2004		1925/2004		75 Kalenderjahre			
		Jahr	Datum	Winter	Sommer	Jahr	Datum	Jahr	Datum	Abflussjahr (*)	Kalenderjahr	1925/2004	Mittlere Werte	Untere Hüllwerte	Oberere Hüllwerte
NQ	m <sup>3</sup> /s	0.490	am 20.09.2004	0.570	0.490	0.490	am 20.09.2004	365	6.37	6.62	45.6	14.9	4.03	3.90	12.4
MQ	m <sup>3</sup> /s	1.38		1.52	1.25	1.56		363	6.14	6.62	36.5	11.0	3.60	3.60	11.0
HQ	m <sup>3</sup> /s	6.61	am 07.05.2004	5.92	6.61	8.98	am 19.11.2004	362	6.14	6.37	27.2	10.2	3.45	3.45	10.2
Nq	l/(skm <sup>2</sup> )	2.80		3.26	2.80	2.80		361	5.26	6.37	26.2	9.51	2.99	2.99	9.51
Mq	l/(skm <sup>2</sup> )	7.90		8.70	7.16	8.93		360	5.04	6.14	20.1	8.60	2.99	2.99	8.60
Hq	l/(skm <sup>2</sup> )	37.8		33.9	37.8	51.4		359	5.04	6.14	16.3	8.21	2.99	2.99	8.21
h <sub>N</sub>	mm							358	5.04	6.14	15.6	7.89	2.99	2.99	7.89
h <sub>A</sub>	mm	250		137	114	282		357	4.60	5.70	15.3	6.70	2.83	2.83	6.70
		1925/2004 (*) 76 Jahre				1925/2004									
NQ	m <sup>3</sup> /s	0.210	am 27.12.1948	0.210	0.250	0.210	am 01.01.1949	350	3.77	4.60	12.0	6.70	2.83	2.83	6.70
MNQ	m <sup>3</sup> /s	0.676		0.934	0.725	0.681		340	3.02	3.77	9.71	5.49	2.47	2.47	5.49
MQ	m <sup>3</sup> /s	2.37		3.03	1.72	2.37		330	2.48	3.20	8.42	4.79	1.95	1.95	4.79
MHQ	m <sup>3</sup> /s	16.8		15.5	8.36	16.7		320	2.30	2.66	7.65	4.25	1.79	1.79	4.25
HQ	m <sup>3</sup> /s	75.7	am 10.08.1981	58.9	75.7	75.7	am 10.08.1981	300	1.79	2.30	6.52	3.54	1.50	1.50	3.54
HQ <sub>1</sub>	m <sup>3</sup> /s							270	1.64	1.79	5.13	2.85	1.22	1.22	2.85
HQ <sub>5</sub>	m <sup>3</sup> /s							240	1.50	1.64	4.41	2.32	1.09	1.09	2.32
MNq	l/(skm <sup>2</sup> )	3.87		5.35	4.15	3.90		210	1.36	1.50	3.90	1.96	1.01	1.01	1.96
Mq	l/(skm <sup>2</sup> )	13.6		17.3	9.85	13.6		183	1.22	1.36	3.45	1.72	0.960	0.960	1.72
MHq	l/(skm <sup>2</sup> )	96.2		88.7	47.9	95.6		150	1.09	1.09	2.98	1.49	0.800	0.800	1.49
Mh <sub>N</sub>	mm							130	0.970	0.970	2.69	1.36	0.720	0.720	1.36
Mh <sub>A</sub>	mm	429		273	157	429		120	0.970	0.970	2.69	1.28	0.720	0.720	1.28
		Niedrigwasser				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	0.210	1.20	27.12.1948+	75.7	433		10.08.1981	110	0.970	0.970	2.54	1.16	0.610	0.610	2.54
2	0.250	1.43	28.08.1964+	58.9	337		13.04.1994	90	0.970	0.970	2.18	1.10	0.500	0.500	2.18
3	0.300	1.72	08.09.1949	50.0	286		05.11.1940	80	0.970	0.970	2.12	1.06	0.500	0.500	2.12
4	0.320	1.83	13.12.1924+	34.5	197		01.12.1939	70	0.970	0.970	1.95	0.976	0.500	0.500	1.95
5	0.330	1.89	05.02.1963+	32.1	184		12.01.1993	60	0.860	0.970	1.95	0.930	0.500	0.500	1.95
6	0.350	2.00	15.02.1954+	30.0	172		20.01.1986	50	0.860	0.970	1.80	0.870	0.420	0.420	1.80
7	0.370	2.12	15.07.2003+	29.6	169		30.11.1939	40							

A<sub>Eo</sub> : 843 km<sup>2</sup>

PNP: NN + 213.21 m

Lage: 29.7 km oberhalb Mündung rechts



m<sup>3</sup>/s

Pegel : Erfurt-Möbisburg

Nr. 574210

Gewässer : Gera

Gebiet : Unstrut

Tag	2003		2004													
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
1.	1.42	1.70	2.06	2.30	2.30	2.30	2.18	1.94	1.23	1.70	0.970	1.61	1.42	4.62		
2.	1.32	1.70	1.94	3.64	2.30	2.30	3.02	1.94	1.23	1.51	0.970	1.51	1.32	3.86		
3.	1.32	1.82	1.94	10.8	2.18	2.30	2.48	1.82	1.51	1.42	0.970	1.51	1.23	3.42		
4.	1.51	1.70	1.82	11.4	2.06	2.30	2.48	1.82	1.51	1.42	0.970	1.42	1.23	3.64		
5.	1.51	1.70	1.82	10.0	1.94	2.30	3.02	2.06	1.42	1.32	0.970	1.42	1.23	3.20		
6.	1.42	1.70	1.70	8.36	1.94	2.30	4.30	1.94	1.42	1.32	0.970	1.42	1.16	3.20		
7.	1.42	1.61	1.70	9.02	1.94	2.48	25.8	1.70	1.32	1.70	0.970	1.32	1.23	3.02		
8.	1.42	1.61	1.70	8.36	1.94	2.30	24.6	1.61	2.30	1.51	0.900	1.23	1.23	3.02		
9.	1.32	1.61	1.61	7.34	1.82	2.30	16.4	1.70	2.18	1.23	0.900	1.32	1.23	3.02		
10.	1.23	1.70	1.70	6.26	1.82	2.30	12.2	1.70	1.70	1.23	0.900	1.23	1.32	3.02		
11.	1.16	1.61	1.70	5.26	1.94	2.30	10.4	1.70	1.51	1.10	0.970	1.16	1.32	2.84		
12.	1.16	1.61	2.30	4.94	1.82	2.30	9.70	1.51	1.42	1.10	1.03	1.32	1.32	2.84		
13.	1.16	1.61	2.84	4.62	1.82	2.30	9.02	1.51	1.42	1.32	1.03	1.23	1.32	2.66		
14.	1.16	4.62	4.62	4.08	1.82	2.30	8.03	1.51	1.42	1.16	0.970	1.16	1.32	2.48		
15.	1.16	4.94	4.94	4.08	1.94	2.30	6.62	1.42	1.42	1.16	0.970	1.23	1.32	2.18		
16.	1.23	3.86	4.94	3.86	2.18	2.18	5.58	1.42	1.42	1.16	0.970	1.23	1.32	2.18		
17.	1.42	3.20	4.62	3.42	2.18	2.06	4.94	1.42	1.42	1.03	0.970	1.23	1.23	2.18		
18.	1.32	2.84	4.08	3.20	2.30	1.94	4.62	1.51	1.51	1.03	0.970	1.23	1.70	3.20		
19.	1.42	2.48	3.64	3.20	2.30	2.30	3.86	1.42	1.42	1.03	0.970	1.23	10.0	2.84		
20.	1.42	2.30	3.42	3.02	2.84	2.18	3.42	1.42	1.42	1.03	0.970	1.23	10.4	2.48		
21.	1.42	2.84	3.02	3.02	4.08	2.06	4.30	1.61	1.42	1.03	0.970	1.23	8.69	2.30		
22.	1.42	3.42	2.48	3.02	4.62	1.94	4.08	1.61	2.06	1.03	1.03	1.23	6.98	2.06		
23.	1.51	2.84	2.48	2.84	4.30	2.66	3.42	1.42	1.70	1.03	1.82	1.23	11.4	2.18		
24.	1.32	2.66	2.30	2.84	3.64	3.02	3.20	1.42	4.62	0.970	2.06	1.23	13.5	3.20		
25.	1.23	2.48	2.18	2.48	3.42	2.30	2.84	1.42	3.20	0.970	1.82	1.23	11.1	4.62		
26.	1.42	2.48	2.18	2.48	3.20	2.06	2.30	1.42	2.48	0.970	1.61	1.23	9.35	5.26		
27.	1.42	2.30	2.18	2.48	3.20	2.06	2.30	1.42	2.30	0.970	1.61	1.23	7.70	5.58		
28.	1.82	2.30	2.06	2.30	2.84	1.94	2.18	1.42	2.18	1.03	1.70	1.23	6.62	4.94		
29.	2.18	2.06	2.06	2.30	2.66	1.82	2.06	1.32	2.06	1.03	1.70	1.32	5.90	4.30		
30.	1.94	1.94	1.94	2.48	2.48	1.70	1.94	1.23	1.94	1.03	1.61	1.42	4.62	4.08		
31.	1.94	1.94	1.94	2.30	2.30	1.82	1.82	1.82	1.82	1.03	1.03	1.32	4.08	4.08		
Tag	11.+	7.+	9.	1.+	9.+	30.	31.	30.	1.+	24.+	8.+	11.+	6.	22.		
NQ	1.16	1.61	1.61	2.30	1.82	1.70	1.82	1.23	1.23	0.970	0.900	1.16	1.16	2.06		
MQ	1.41	2.36	2.58	4.86	2.52	2.23	6.23	1.58	1.81	1.18	1.17	1.29	4.32	3.31		
HQ	2.48	5.90	5.26	11.8	4.94	4.30	51.0	4.30	11.4	4.62	2.48	1.61	14.2	5.58		
Tag	28.	14.	14.	3.+	21.+	23.	7.	9.	24.	7.	23.+	1.+	19.	26.+		
h <sub>N</sub>	mm															
h <sub>A</sub>	mm	4	8	8	14	8	7	20	5	6	4	4	13	11		
1930/2003			1931/2004 74 Jahre													
Jahr	1949	1991	1963	1963	1963	2004	1992	1976	1959	1964	1959	1959	1949	1991		
NQ	0.780	0.760	0.810	0.730	0.810	1.70	1.45	0.750	0.600	0.560	0.480	0.480	0.780	0.760		
MNQ	2.71	3.06	3.35	3.96	4.57	5.34	3.66	2.80	2.27	1.95	1.84	2.00	2.68	3.05		
MQ	5.12	6.65	7.51	8.01	9.14	9.58	6.02	5.00	3.80	3.20	2.86	3.55	5.03	6.63		
MHQ	14.8	20.2	23.7	21.7	25.4	23.1	14.3	16.5	10.6	11.1	6.56	8.50	14.5	20.2		
HQ	114	133	81.7	166	133	220	84.4	121	66.3	176	31.5	57.3	114	133		
HQ Jahr	1940	1947	2003	1946	1942	1994	1969	1961	1956	1981	1998	1960	1940	1947		
Mh <sub>N</sub>	mm		24	24	29	29	19	15	12	10	9	11	15	21		
Mh <sub>A</sub>	mm	16	21													
Abflussjahr (*)			Kalenderjahr				Unterschiedene Abflüsse m <sup>3</sup> /s									
2004			2004				1931/2004 74 Jahre									
Jahr			Datum		Winter		Sommer		Jahr		Datum		Jahr		Datum	
NQ	m <sup>3</sup> /s	0.900	am 08.09.2004	1.16	0.900	0.900	am 08.09.2004	25.8	25.8	172	42.8	11.8	364	24.6	24.6	114
MQ	m <sup>3</sup> /s	2.43		2.64	2.22	2.75		16.4	16.4	114	35.2	8.42	363	16.4	16.4	114
HQ	m <sup>3</sup> /s	51.0	am 07.05.2004	11.8	51.0	51.0	am 07.05.2004	12.2	13.5	91.8	31.5	8.09	361	11.4	12.2	77.4
Nq	l/(skm <sup>2</sup> )	1.07		1.38	1.07	1.07		10.8	12.2	71.0	28.4	7.43	359	10.4	12.2	68.4
Mq	l/(skm <sup>2</sup> )	2.88		3.13	2.63	3.26		10.0	11.1	65.9	24.2	6.84	358	10.0	11.1	65.9
Hq	l/(skm <sup>2</sup> )	60.5		14.0	60.5	60.5		9.70	10.8	59.7	22.3	6.84	357	9.70	10.8	59.7
h <sub>N</sub>	mm							356	9.70	59.7	22.3	6.84	350	6.62	9.35	46.4
h <sub>A</sub>	mm	91		49	42	103		340	4.94	6.98	18.7	6.04	330	4.30	5.26	29.6
1931/2004 (*) 74 Jahre			1931/2004				1931/2004				1931/2004 74 Kalenderjahre					
NQ	m <sup>3</sup> /s	0.480	am 24.09.1959	0.730	0.480	0.480	am 24.09.1959	300	3.02	3.64	19.4	8.78	270	2.48	3.02	15.1
MNQ	m <sup>3</sup> /s	1.35		2.04	1.55	1.49		240	2.30	2.48	12.7	5.51	210	2.06	2.30	11.1
MQ	m <sup>3</sup> /s	5.85		7.67	4.07	5.85		240	2.30	2.48	12.7	5.51	210	2.06	2.30	11.1
MHQ	m <sup>3</sup> /s	54.1		47.6	28.5	53.8		183	1.94	2.06	10.4	3.81	150	1.70	1.82	8.64
HQ	m <sup>3</sup> /s	220	am 13.04.1994	220	176	220	am 13.04.1994	130	1.61	1.81	7.62	2.95	120	1.51	1.51	7.62
HQ <sub>1</sub>	m <sup>3</sup> /s							110	1.51	1.51	7.28	2.53	110	1.51	1.51	7.28
HQ <sub>5</sub>	m <sup>3</sup> /s							100	1.51	1.51	7.28	2.41	90	1.51	1.42	7.28
MNq	l/(skm <sup>2</sup> )	1.60		2.42	1.84	1.77		80	1.42	1.42	6.94	2.17	70	1.32	1.32	6.94
Mq	l/(skm <sup>2</sup> )	6.94		9.10	4.83	6.94		60	1.32	1.32	6.31	1.93	50	1.32	1.32	6.31
MHq	l/(skm <sup>2</sup> )	64.2		56.5	33.8	63.8		40	1.23	1.23	6.02	1.64	30	1.10	1.10	5.73
Mh <sub>N</sub>	mm			143	77	219		25	1.10	1.10	5.73	1.45	20	1.03	1.03	5.44
Mh <sub>A</sub>	mm	219						15	1.03	1.03	5.44	1.24	10	1.03	1.03	5.44
Niedrigwasser			Hochwasser				Dauertabelle									
m <sup>3</sup> /s			l/(skm <sup>2</sup> )		Datum		m <sup>3</sup> /s		l/(skm <sup>2</sup> )		cm		Datum			
1	0.480	0.570	24.09.1959+	220	261	13.04.1994	10	1.03	1.03	5.44	1.07	0.560	9	1.03	1.03	5.44
2	0.490	0.581	02.09.1962	176	209	11.08.1981	8	1.03	1.03	5.15	1.06	0.520	7	1.03	1.03	5.15
3	0.500	0.593	30.09.1948+	166	197	09.02.1946	6	1.03	1.03	5.15	0.980	0.520	5	1.03	1.03	5.15
4	0.560	0.664	27.08.1964+	133	158	29.12.1947	5	1.03	1.03	5.15	0.950	0.520	4	1.03	1.03	5.15
5	0.620	0.736	28.10.1949	133	158	18.03.1942	3	1.03	1.03	5.15	0.920	0.520	2	1.03	1.03	5.15
6	0.660	0.783	10.07.1976+	121	144	10.06.1961	1	1.03	1.03	5.15	0.850	0.520	0	0.970	0.970	5.15
7	0.760	0.902	17.12.1991	114	135	05.11.1940	0	0.970	0.970	5.15	0.760	0.520	0	0.970	0.970	5.15

A<sub>Eo</sub> : 35.2 km<sup>2</sup>

PNP: NN + 473.60 m

Lage: 12.1 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Tambach-Dietharz 1

Nr. 574600

Gewässer : Apfelstätt

Gebiet : Unstrut

Tag	2003		2004														
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
1.	0.070	0.220	0.250	0.190	0.160	0.250	0.140	0.110	0.040	0.160	0.060	0.340	0.060	0.750			
2.	0.070	0.220	0.240	0.460	0.140	0.240	0.140	0.100	0.040	0.140	0.060	0.310	0.060	0.710			
3.	0.060	0.220	0.220	1.73	0.140	0.220	0.140	0.090	0.050	0.130	0.070	0.280	0.050	0.630			
4.	0.070	0.220	0.210	1.89	0.130	0.210	0.140	0.090	0.070	0.130	0.070	0.250	0.050	0.570			
5.	0.070	0.220	0.180	1.89	0.130	0.190	0.140	0.090	0.060	0.120	0.060	0.240	0.050	0.490			
6.	0.070	0.220	0.170	1.73	0.130	0.210	0.160	0.080	0.060	0.110	0.060	0.220	0.050	0.420			
7.	0.070	0.210	0.170	1.59	0.120	0.210	0.440	0.080	0.060	0.100	0.060	0.190	0.050	0.340			
8.	0.070	0.210	0.160	1.40	0.120	0.210	1.59	0.080	0.090	0.090	0.060	0.180	0.040	0.310			
9.	0.080	0.190	0.160	1.17	0.120	0.220	1.59	0.070	0.110	0.090	0.050	0.170	0.040	0.290			
10.	0.080	0.190	0.160	0.850	0.110	0.250	1.40	0.070	0.110	0.080	0.050	0.140	0.040	0.260			
11.	0.080	0.180	0.170	0.710	0.110	0.260	1.17	0.070	0.110	0.080	0.060	0.140	0.040	0.250			
12.	0.080	0.170	0.210	0.590	0.110	0.280	0.870	0.070	0.130	0.080	0.070	0.140	0.040	0.240			
13.	0.080	0.240	0.190	0.510	0.100	0.290	0.730	0.070	0.160	0.080	0.060	0.130	0.040	0.220			
14.	0.080	0.420	0.590	0.460	0.100	0.290	0.590	0.070	0.140	0.070	0.060	0.130	0.050	0.210			
15.	0.080	0.650	0.670	0.410	0.110	0.290	0.510	0.050	0.140	0.070	0.060	0.120	0.050	0.180			
16.	0.070	0.730	0.630	0.390	0.140	0.280	0.420	0.050	0.140	0.070	0.060	0.120	0.050	0.170			
17.	0.100	0.610	0.570	0.370	0.220	0.260	0.370	0.050	0.140	0.060	0.050	0.110	0.070	0.140			
18.	0.120	0.570	0.510	0.360	0.360	0.260	0.340	0.050	0.140	0.060	0.050	0.100	0.280	0.160			
19.	0.160	0.510	0.460	0.340	0.480	0.250	0.290	0.050	0.140	0.070	0.050	0.100	1.53	0.140			
20.	0.180	0.490	0.410	0.330	0.550	0.240	0.280	0.050	0.140	0.050	0.040	0.090	1.73	0.130			
21.	0.210	0.490	0.360	0.290	0.610	0.210	0.250	0.050	0.130	0.050	0.040	0.080	1.53	0.120			
22.	0.210	0.490	0.330	0.290	0.630	0.180	0.240	0.050	0.140	0.040	0.090	0.080	1.47	0.120			
23.	0.210	0.510	0.310	0.280	0.610	0.210	0.210	0.050	0.130	0.040	0.290	0.070	2.41	0.120			
24.	0.210	0.510	0.280	0.260	0.550	0.190	0.180	0.050	0.170	0.040	0.410	0.070	2.66	0.180			
25.	0.210	0.490	0.260	0.250	0.510	0.170	0.170	0.050	0.180	0.040	0.420	0.070	2.17	0.240			
26.	0.190	0.440	0.250	0.240	0.460	0.170	0.160	0.050	0.210	0.040	0.440	0.070	1.73	0.310			
27.	0.190	0.410	0.240	0.210	0.410	0.170	0.140	0.040	0.210	0.050	0.440	0.070	1.40	0.370			
28.	0.190	0.370	0.220	0.180	0.370	0.170	0.130	0.040	0.210	0.060	0.420	0.060	1.12	0.370			
29.	0.210	0.340	0.210	0.170	0.330	0.170	0.130	0.040	0.210	0.060	0.410	0.060	0.900	0.390			
30.	0.210	0.310	0.180	0.170	0.290	0.140	0.120	0.040	0.180	0.060	0.370	0.060	0.830	0.360			
31.	0.210	0.280	0.140	0.140	0.280	0.120	0.120	0.040	0.170	0.060	0.060	0.060	0.060	0.340			
Tageswerte	Tag	3.	12.	31.	29.	13.+	30.	30.+	27.+	1.+	22.+	20.+	28.+	8.+	21.+		
	NQ	0.060	0.170	0.140	0.170	0.100	0.140	0.120	0.040	0.040	0.040	0.040	0.060	0.040	0.120		
	MQ	0.126	0.365	0.294	0.674	0.278	0.223	0.429	0.063	0.129	0.077	0.150	0.137	0.686	0.307		
	HQ	0.210	0.770	0.670	1.89	0.630	0.290	1.73	0.120	0.210	0.170	0.440	0.360	2.84	0.830		
	Tag	21.+	16.	14.+	3.+	22.+	14.+	8.+	1.	26.	1.	26.+	1.	23.+	1.		
	h <sub>N</sub>	mm															
	h <sub>A</sub>	mm	9	28	22	48	21	16	33	5	10	6	11	10	51	23	
			1930/2003		1931/2004							74 Jahre					
	Jahr	1968	1962	1954+	1963	1942+	2002	1934+	2003	1997	1934+	1934+	1947+	1968	1962		
	NQ	0.000	0.010	0.020	0.010	0.020	0.000	0.040	0.000	0.000	0.010	0.010	0.010	0.000	0.010		
MNQ	0.114	0.137	0.124	0.135	0.155	0.229	0.123	0.084	0.071	0.064	0.065	0.073	0.111	0.138			
MQ	0.309	0.405	0.370	0.365	0.442	0.559	0.268	0.210	0.175	0.145	0.159	0.210	0.308	0.407			
MHQ	0.818	1.31	1.13	0.938	1.21	1.28	0.634	0.588	0.450	0.451	0.454	0.596	0.835	1.32			
HQ	4.22	7.16	5.21	5.89	6.63	6.88	3.70	5.01	4.61	4.61	4.41	4.22	7.16				
HQ <sub>1</sub>	1939	1947	1987	1946	1981	1994	1941	1933	1966	1981	1998	1960	1939	1947			
Mh <sub>N</sub>	mm																
Mh <sub>A</sub>	mm	23	31	28	26	34	41	20	15	13	11	12	16	23	31		
Hauptwerte			Abflussjahr (*)				Kalenderjahr				Unterschiedene Abflüsse m <sup>3</sup> /s						
			2004		2004		2004		2004		1931/2004		74 Kalenderjahre				
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Jahr	Datum	Unterschreitungs- dauer in Tagen	Abfluss- jahr (*) 2004	Kalender- jahr 2004	1931/2004 Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte			
	NQ	m <sup>3</sup> /s	0.040	am 27.06.2004	0.060	0.040	0.040	am 27.06.2004	(365)	1.90	2.66	6.63	2.58	0.630			
	MQ	m <sup>3</sup> /s	0.244		0.325	0.165	0.285		364	1.90	2.41	6.38	2.17	0.610			
	HQ	m <sup>3</sup> /s	1.89	am 03.02.2004	1.89	1.73	2.84	am 23.11.2004	363	1.89	2.17	5.89	2.01	0.610			
	Nq	l/(skm <sup>2</sup> )	1.14		1.70	1.14	1.14		361	1.73	2.17	5.45	1.80	0.610			
	Mq	l/(skm <sup>2</sup> )	6.93		9.23	4.69	8.10		360	1.73	1.89	5.45	1.66	0.590			
	Hq	l/(skm <sup>2</sup> )	53.7		53.7	49.1	80.7		359	1.73	1.89	5.45	1.57	0.590			
	h <sub>N</sub>	mm			145	75	256		358	1.59	1.89	3.70	1.53	0.590			
h <sub>A</sub>	mm	219						357	1.59	1.89	3.02	1.47	0.550				
		1931/2004 (*) 74 Jahre				1931/2004											
NQ	m <sup>3</sup> /s	0.000	am 21.06.2003	0.000	0.000	0.000	am 21.06.2003	356	1.40	1.73	2.50	1.40	0.550				
MNQ	m <sup>3</sup> /s	0.029		0.056	0.037	0.031		350	0.710	1.47	1.89	1.17	0.530				
MQ	m <sup>3</sup> /s	0.301		0.409	0.195	0.301		340	0.610	0.750	1.53	0.900	0.460				
MHQ	m <sup>3</sup> /s	2.76		2.52	1.45	2.79		330	0.550	0.610	1.23	0.750	0.360				
HQ	m <sup>3</sup> /s	9.66	am 10.08.1981	7.16	9.66	9.66	am 10.08.1981	320	0.480	0.550	1.08	0.650	0.280				
HQ <sub>1</sub>	m <sup>3</sup> /s							300	0.390	0.410	0.830	0.490	0.210				
HQ <sub>5</sub>	m <sup>3</sup> /s							270	0.280	0.310	0.670	0.370	0.170				
MNq	l/(skm <sup>2</sup> )	0.824		1.59	1.05	0.881		240	0.240	0.250	0.590	0.290	0.130				
Mq	l/(skm <sup>2</sup> )	8.55		11.6	5.54	8.55		210	0.210	0.210	0.510	0.220	0.090				
MHq	l/(skm <sup>2</sup> )	78.4		71.6	41.2	79.3		183	0.180	0.170	0.460	0.180	0.070				
Mh <sub>N</sub>	mm							150	0.160	0.140	0.390	0.140	0.050				
Mh <sub>A</sub>	mm	270		183	88	270		130	0.130	0.130	0.360	0.120	0.030				
Extremwerte			Niedrigwasser			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	0.000		21.06.2003+	9.66	274		10.08.1981	120	0.120	0.120	0.340	0.110	0.030			
	2	0.000		12.04.2002+	7.16	203		28.12.1947	110	0.110	0.100	0.310	0.110	0.020			
	3	0.000		31.07.1997	6.88	195		13.04.1994	100	0.090	0.090	0.290	0.100	0.020			
	4	0.000		06.11.1968+	6.63	188		11.03.1981+	90	0.080	0.080	0.260	0.090	0.020			
	5	0.010	0.284	02.09.1982+	5.89	167		09.02.1946	80	0.080	0.080	0.250	0.080	0.020			
	6	0.010	0.284	29.07.1976+	5.21	148		02.01.1987	70	0.080	0.070	0.210	0.070	0.020			
	7	0.010	0.284	01.11.1971+	5.01	142		01.12.1939	60	0.070	0.070	0.180	0.070	0.020			
	8	0.010	0.284	22.09.1964+													

A<sub>Eo</sub> : 318 km<sup>2</sup>

PNP: NN + 213.91 m

Lage: 58.3 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Wipperdorf

Gewässer : Wipper

Gebiet : Unstrut

Nr. 575210

Tag	2003		2004															
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez				
1.	0.720	0.820	1.02	3.90	1.73	K 1.87	K 1.73	K 1.35	1.13	1.13	1.13	0.920	0.820	1.73				
2.	0.720	0.820	1.02	5.30	1.73	K 1.87	K 2.01	K 1.35	1.13	0.920	1.02	0.920	0.820	1.60				
3.	0.820	0.820	1.02	9.80	1.73	K 1.87	K 1.35	K 1.35	1.13	0.920	0.920	0.920	0.820	1.47				
4.	1.02	0.720	1.02	5.10	1.73	K 1.73	K 1.24	K 1.35	1.13	0.920	0.920	0.820	0.720	1.35				
5.	0.820	0.720	1.02	3.90	1.60	K 1.87	K 1.24	K 1.60	1.13	0.820	0.920	0.720	0.720	1.24				
6.	0.720	0.720	0.920	3.31	1.60	K 2.15	K 3.31	K 1.35	1.13	0.820	0.920	0.720	0.720	1.13				
7.	0.720	0.720	1.35	3.31	1.60	K 2.01	K 11.2	K 1.24	1.02	0.720	0.820	0.820	0.720	1.13				
8.	0.720	0.720	1.02	4.50	1.60	K 2.30	K 11.6	K 1.24	1.35	0.720	0.720	0.720	0.720	1.13				
9.	0.720	0.720	1.13	4.50	1.47	K 2.15	K 6.98	K 1.13	1.13	0.720	0.720	0.720	0.720	1.13				
10.	0.720	0.720	1.24	3.90	1.47	K 2.01	K 5.50	K 1.13	1.13	0.720	0.620	0.720	0.720	1.13				
11.	0.720	0.720	1.60	5.71	1.47	K 2.01	K 4.50	K 1.35	1.13	0.540	0.720	0.720	0.720	1.13				
12.	0.720	0.820	2.95	5.50	1.47	K 1.87	K 3.90	K 1.35	1.13	0.540	0.820	0.720	0.620	1.13				
13.	0.620	1.02	4.90	4.90	1.47	K 1.87	K 3.50	K 1.47	1.13	0.920	0.620	0.720	0.620	1.13				
14.	0.620	2.61	5.50	5.50	1.47	K 1.87	K 3.13	K 1.24	1.13	0.920	0.620	0.720	0.620	1.13				
15.	0.620	2.61	5.10	4.50	1.47	K 1.87	K 2.78	K 1.24	1.13	0.720	0.620	0.720	0.620	1.02				
16.	0.720	1.73	4.50	4.30	1.47	K 1.87	K 2.61	K 1.24	1.13	0.620	0.620	0.720	0.820	1.02				
17.	1.13	2.45	4.30	3.90	1.47	K 1.73	K 2.30	K 1.35	1.13	0.620	0.620	0.720	1.02	1.02				
18.	0.820	2.01	3.70	3.50	1.47	K 1.87	K 2.15	K 1.60	1.87	0.720	0.620	0.820	1.24	1.35				
19.	0.720	1.47	3.13	3.13	1.47	K 2.01	K 1.87	K 1.13	1.73	0.820	0.620	0.820	5.10	1.73				
20.	0.720	1.24	3.50	2.95	K 1.87	K 1.87	K 1.73	K 1.13	1.24	0.920	0.720	0.820	2.95	1.35				
21.	0.720	1.60	2.95	2.61	K 2.45	K 1.73	K 2.01	K 1.13	1.24	0.820	0.720	0.820	2.45	1.13				
22.	0.720	2.01	2.45	2.45	K 3.13	K 1.73	K 1.87	K 1.13	1.60	0.920	1.35	0.820	4.50	1.13				
23.	0.720	1.87	2.15	2.30	K 2.95	K 2.01	K 1.73	K 1.24	1.35	0.820	1.35	0.820	9.60	1.24				
24.	0.720	1.35	2.01	2.01	K 2.61	K 1.73	K 1.60	K 1.13	1.47	0.820	1.13	0.820	4.50	2.61				
25.	0.720	1.24	1.87	2.01	K 2.45	K 1.47	K 1.60	K 1.02	1.13	0.820	0.920	0.820	2.95	2.78				
26.	0.720	1.13	1.73	2.01	K 2.15	K 1.24	K 1.60	K 1.02	1.24	0.920	0.920	0.820	2.61	2.45				
27.	0.720	1.24	1.73	2.01	K 2.15	K 1.24	K 1.47	K 0.920	1.35	1.13	0.920	0.820	2.30	2.01				
28.	1.02	1.24	1.60	2.01	K 2.01	K 1.13	K 1.47	K 1.13	1.24	1.13	0.820	0.820	2.15	2.01				
29.	1.02	1.13	1.47	1.87	K 2.01	K 1.24	K 1.47	K 1.13	1.13	1.87	0.920	0.820	1.87	1.87				
30.	0.820	1.13	1.47	1.87	K 2.01	K 1.24	K 1.47	K 1.13	1.13	1.24	1.02	0.820	1.87	1.60				
31.	0.720	1.13	1.47	1.87	K 2.01	K 1.24	K 1.47	K 1.13	1.13	1.24	1.02	0.820	1.87	1.60				
Tag	13.+	4.+	6.	29.	9.+	28.	4.+	27.	7.	11.+	10.+	5.+	12.+	15.+				
NQ	0.620	0.720	0.920	1.87	1.47	1.13	1.24	0.920	1.02	0.540	0.620	0.720	0.620	1.02				
MQ	0.767	1.27	2.29	3.82	1.85	1.78	2.98	1.24	1.23	0.886	0.846	0.791	1.89	1.47				
HQ	1.47	3.70	6.76	17.0	3.50	2.61	20.6	2.78	3.50	2.61	2.01	1.02	15.0	2.95				
Tag	17.+	14.	13.	2.+	21.	23.	7.	18.	19.	29.	23.	2.	23.	24.+				
h <sub>N</sub>	mm																	
h <sub>A</sub>	mm	6	11	19	30	16	15	25	10	10	7	7	15	12				
1948/2003			1949/2004 56 Jahre															
Jahr	1953	1953	1954	1954	1959	1959	1954	1954	1959	1953	1953	1953	1953	1953				
NQ	0.160	0.120	0.380	0.380	0.430	0.330	0.080	0.140	0.140	0.180	0.120	0.140	0.160	0.120				
MNQ	0.927	1.21	1.51	1.77	1.96	2.24	1.54	1.18	0.934	0.789	0.725	0.788	0.927	1.22				
MQ	1.60	2.65	3.26	3.46	3.95	3.40	2.40	1.92	1.57	1.16	1.01	1.20	1.62	2.66				
MHQ	4.99	9.94	12.6	12.7	12.9	10.4	6.83	7.51	6.65	3.72	2.75	3.37	5.23	9.98				
HQ	44.6	49.5	47.3	55.0	70.0	106	33.5	47.3	98.0	17.5	15.3	23.5	44.6	49.5				
Jahr	1998	1988	2003	1970	1956	1983	1971	1975	1956	1981	1998	1998	1998	1988				
Mh <sub>N</sub>	mm																	
Mh <sub>A</sub>	mm	13	22	27	27	33	28	20	16	13	10	8	13	22				
Abflussjahr (*)			Kalenderjahr				Unterschnittene Abflüsse m <sup>3</sup> /s											
2004			2004				2004											
Jahr			Datum		Winter		Sommer		Jahr		Datum		Jahr		Datum			
NQ m <sup>3</sup> /s			0.540 am 11.08.2004		0.620		0.540		0.540		am 11.08.2004		11.6		11.6			
MQ m <sup>3</sup> /s			1.64		1.95		1.33		1.75				11.2		11.2			
HQ m <sup>3</sup> /s			20.6 am 07.05.2004		17.0		20.6		20.6		am 07.05.2004		11.6		11.6			
Nq l/(skm <sup>2</sup> )			1.70		1.95		1.70		1.70				11.6		11.6			
Mq l/(skm <sup>2</sup> )			5.16		6.13		4.18		5.50				11.6		11.6			
Hq l/(skm <sup>2</sup> )			64.8		53.5		64.8		64.8				11.6		11.6			
h <sub>N</sub> mm			163		96		66		174				11.6		11.6			
h <sub>A</sub> mm			163		96		66		174				11.6		11.6			
1949/2004 (*) 56 Jahre			1949/2004				1949/2004				1949/2004				1949/2004			
NQ m <sup>3</sup> /s			0.080 am 26.05.1954		0.120		0.080		0.080		am 26.05.1954		11.6		11.6			
MNQ			0.560		0.835		0.637		0.591				11.6		11.6			
MQ m <sup>3</sup> /s			2.29		3.05		1.54		2.29				11.6		11.6			
MHQ			28.6		25.9		13.5		29.7				11.6		11.6			
HQ m <sup>3</sup> /s			106 am 20.04.1983		106		98.0		106		am 20.04.1983		11.6		11.6			
HQ <sub>1</sub> m <sup>3</sup> /s													11.6		11.6			
HQ <sub>5</sub> m <sup>3</sup> /s													11.6		11.6			
MNq l/(skm <sup>2</sup> )			1.76		2.63		2.00		1.86				11.6		11.6			
Mq l/(skm <sup>2</sup> )			7.20		9.59		4.84		7.20				11.6		11.6			
MHq l/(skm <sup>2</sup> )			89.9		81.4		42.5		93.4				11.6		11.6			
Mh <sub>N</sub> mm			228		151		77		228				11.6		11.6			
Mh <sub>A</sub> mm			228		151		77		228				11.6		11.6			
Niedrigwasser			Hochwasser				Dauertabelle											
m <sup>3</sup> /s			l/(skm <sup>2</sup> )		Datum		m <sup>3</sup> /s		l/(skm <sup>2</sup> )		cm		Datum		0			
1			0.080		0.252		26.05.1954		106		333		20.04.1983		0			
2			0.120		0.377		09.09.1959		98.0		308		15.07.1956		0			
3			0.120		0.377		23.05.1959+		70.0		220		02.03.1956		0			
4			0.120		0.377		15.12.1953+		55.0		173		23.02.1970		0			
5			0.200		0.629		12.10.1958		49.5		156		19.12.1988		0			
6			0.200		0.629		03.08.1954		49.2		155		16.03.1994		0			
7			0.230		0.723		01.08.1964		49.2		155		13.02.1962		0			
8			0.250		0.786		04.09.1963+		47.3		149		02.01.2003		0			
9			0.310		0.975		01.12.1949		47.3		149		23.06.1975		0			
10			0.320		1.01		08.08.1952+		46.1		145		30.12.2002		0			

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

61 Tage Verkrautung

A<sub>Eo</sub> : 524 km<sup>2</sup>

PNP: NN + 172.53 m

Lage: 29.5 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Hachelbich

Gewässer : Wipper

Gebiet : Unstrut

Nr. 575240

Tag	2003		2004													
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
1.	1.06	1.32	1.45	3.58	2.78	K 2.78	K 1.83	K 2.02	K 1.64	K 1.32	K 2.21	1.19	1.06	2.40		
2.	1.06	1.19	1.45	4.96	2.59	K 2.59	K 3.58	K 2.02	K 1.64	K 1.19	K 1.83	1.19	1.06	2.02		
3.	1.06	1.06	1.45	11.7	2.78	K 2.59	K 2.40	K 2.02	K 1.83	K 1.06	K 1.64	1.19	1.06	1.83		
4.	1.45	1.06	1.32	7.94	2.59	K 2.59	K 2.40	K 1.83	K 1.83	K 1.06	K 1.64	1.19	0.930	1.64		
5.	1.32	0.930	1.32	6.40	2.40	K 2.78	K 2.40	K 2.21	K 1.64	K 1.06	K 1.45	1.06	1.06	1.64		
6.	1.19	0.930	1.32	5.19	2.40	K 3.16	K 2.97	K 2.21	K 1.83	K 1.06	K 1.32	0.930	1.06	1.45		
7.	1.06	1.06	1.83	5.19	2.40	K 2.97	K 8.20	K 1.83	K 1.32	K 1.06	K 1.32	0.930	1.06	1.45		
8.	1.06	1.06	1.83	6.40	2.40	K 3.35	K 13.5	K 1.64	K 1.64	K 1.06	K 1.19	0.930	0.930	1.32		
9.	1.06	1.06	1.64	7.42	2.40	K 3.16	K 8.20	K 1.64	K 2.02	K 1.06	K 1.19	0.930	0.930	1.32		
10.	1.06	1.06	1.83	6.40	2.40	K 2.97	K 6.65	K 1.45	K 1.45	K 0.930	K 1.19	1.19	1.32	1.32		
11.	0.930	1.06	2.02	7.68	2.21	K 2.97	K 5.65	K 1.64	K 1.45	K 0.930	K 1.19	1.06	1.19	1.32		
12.	1.06	1.06	3.58	8.46	2.02	K 2.78	K 5.19	K 1.83	K 1.45	K 1.06	K 1.32	1.06	0.930	1.32		
13.	1.06	1.19	5.19	6.65	2.02	K 2.78	K 4.50	K 2.02	K 1.64	K 1.64	K 1.19	1.06	0.930	1.32		
14.	1.06	2.78	6.90	7.42	1.83	K 2.59	K 4.27	K 1.83	K 1.45	K 1.83	K 1.19	1.19	0.930	1.32		
15.	1.06	3.81	6.15	6.65	2.02	K 2.59	K 3.81	K 1.64	K 1.45	K 1.32	K 1.19	1.19	0.800	1.32		
16.	1.06	2.59	5.90	5.90	2.21	K 2.59	K 3.81	K 1.64	K 1.45	K 1.19	K 1.06	1.19	0.930	1.32		
17.	1.45	2.78	5.42	5.42	2.21	K 2.59	K 3.35	K 1.83	K 1.45	K 1.06	K 0.800	1.19	1.32	1.32		
18.	1.45	2.97	4.96	5.19	2.21	K 2.59	K 2.97	K 2.40	K 2.40	K 1.06	K 0.800	1.19	1.45	1.64		
19.	1.19	2.40	4.04	4.73	2.21	K 2.78	K 2.78	K 1.45	K 2.97	K 1.32	K 0.800	1.19	5.65	2.21		
20.	1.19	2.02	4.50	4.27	2.59	K 2.59	K 2.59	K 1.45	K 2.59	K 1.32	K 0.930	1.19	4.27	1.83		
21.	1.06	2.02	4.04	3.81	3.58	K 2.59	K 2.78	K 1.45	K 2.02	K 1.83	K 1.06	1.45	3.16	1.45		
22.	1.06	2.78	3.58	3.81	4.04	K 2.59	K 2.97	K 1.45	K 2.40	K 1.32	K 2.02	1.32	3.16	1.64		
23.	1.06	2.78	3.16	3.58	4.04	K 2.78	K 2.59	K 1.64	K 2.59	K 1.19	K 2.21	1.06	9.76	1.32		
24.	1.06	2.02	2.97	3.16	3.58	K 2.97	K 2.40	K 2.02	K 2.40	K 1.19	K 2.21	1.06	5.90	2.59		
25.	1.06	1.83	2.78	3.16	3.35	K 2.59	K 2.40	K 1.45	K 1.83	K 1.19	K 1.32	1.06	4.27	3.59		
26.	1.06	1.64	2.78	3.16	3.16	K 2.21	K 2.40	K 1.45	K 1.83	K 1.19	K 1.45	1.19	3.35	3.16		
27.	1.06	1.83	2.59	2.97	3.16	K 2.21	K 2.21	K 1.45	K 2.21	K 1.45	K 1.32	1.06	2.97	2.59		
28.	1.19	1.83	2.40	2.78	2.97	K 2.02	K 2.21	K 2.21	K 1.83	K 1.32	K 1.19	0.930	2.78	2.40		
29.	1.64	1.83	2.40	2.78	2.97	K 1.83	K 2.21	K 1.64	K 1.64	K 2.21	K 1.19	0.930	2.59	2.40		
30.	1.32	1.64	2.21	2.78	2.78	K 1.83	K 2.21	K 1.64	K 1.45	K 2.40	K 1.45	0.930	2.40	2.02		
31.	1.64	1.64	2.02	2.78	2.78		K 2.02		K 1.45	K 2.02		0.930		1.83		
Tag	11.	5.+	4.+	28.+	14.	29.+	1.	10.+	7.	10.+	17.+	6.+	15.	8.+		
NQ	0.930	0.930	1.32	2.78	1.83	1.83	1.83	1.45	1.32	0.930	0.800	0.930	0.800	1.32		
MQ	1.15	1.78	3.07	5.41	2.68	2.65	3.79	1.77	1.83	1.32	1.36	1.10	2.31	1.81		
HQ	1.83	4.50	7.68	16.2	4.50	3.81	17.7	3.35	6.90	4.50	2.97	1.64	12.6	3.58		
Tag	17.+	14.	14.	3.	21.	8.	8.	17.+	20.	21.	24.	2.	23.	24.+		
h <sub>N</sub>	mm															
h <sub>A</sub>	mm	6	9	16	26	14	13	19	9	9	7	7	6	11		
		1961/2003		1962/2004										43 Jahre		
Jahr	1976	1976+	1977+	1996	1963+	1996	1963	1976	1976	1976	1976	1976	1976	1976+		
NQ	0.680	0.800	0.800	0.800	0.930	1.32	1.12	0.920	0.680	0.570	0.680	0.570	0.680	0.800		
MNQ	1.46	1.82	2.28	2.67	3.02	3.48	2.38	1.93	1.51	1.31	1.25	1.22	1.46	1.81		
MQ	2.30	3.75	4.50	4.74	5.65	5.01	3.46	2.81	2.14	1.78	1.62	1.69	2.32	3.68		
MHQ	6.11	13.5	14.8	15.8	15.4	11.2	8.59	9.16	5.83	5.43	4.04	4.40	6.34	13.0		
HQ	46.9	73.0	75.6	60.1	70.8	81.2	30.7	49.9	16.8	27.0	13.8	21.0	46.2	73.0		
HQ <sub>1</sub>	1998	1988	2003	1970	1994	1983	1971	1975	2002	1970	1998	1998	1998	1988		
Mh <sub>N</sub>	mm															
Mh <sub>A</sub>	mm	11	19	23	23	29	25	18	14	11	9	8	9	19		
Hauptwerte			Abflussjahr (*)				Kalenderjahr				Unterschnittene Abflüsse m <sup>3</sup> /s					
			2004		2004		2004		2004		1962/2004		43 Kalenderjahre			
			Jahr	Datum	Winter	Sommer	Jahr	Datum	Jahr	Datum	Abflussjahr (*)	Kalenderjahr	1962/2004	43 Kalenderjahre	Untere	
											Hüllwerte		Obere	Mittlere	Hüllwerte	
	NQ	m <sup>3</sup> /s	0.800	am 17.09.2004	0.930	0.800	0.800	am 17.09.2004	0.800	am 17.09.2004	(365)	13.5	13.5	55.6	22.4	7.68
	MQ	m <sup>3</sup> /s	2.31		2.77	1.87	2.41		2.41		364	11.7	11.7	45.9	19.8	6.90
	HQ	m <sup>3</sup> /s	17.7	am 08.05.2004	16.2	17.7	17.7	am 08.05.2004	17.7	am 08.05.2004	363	8.46	8.46	8.46	43.3	17.0
	Nq	l/(skm <sup>2</sup> )	1.53		1.77	1.53	1.53		1.53		362	8.46	8.46	8.46	31.1	15.1
	Mq	l/(skm <sup>2</sup> )	4.41		5.29	3.57	4.60		4.60		361	7.94	7.94	7.94	27.4	14.7
	Hq	l/(skm <sup>2</sup> )	33.8		30.9	33.8	33.8		33.8		360	7.68	7.68	7.68	25.1	12.8
	h <sub>N</sub>	mm			83	57	145				359	7.68	7.68	7.68	25.1	12.8
	h <sub>A</sub>	mm	139								358	6.90	6.90	6.90	24.6	11.7
			1962/2004 (*) 43 Jahre				1962/2004									
	NQ	m <sup>3</sup> /s	0.570	am 22.08.1976	0.680	0.570	0.570	am 22.08.1976	0.570	am 22.08.1976	300	3.16	3.35	8.72	4.83	2.30
	MNQ	m <sup>3</sup> /s	0.951		1.34	1.08	1.02		1.02		270	2.78	2.97	7.42	3.83	1.89
MQ	m <sup>3</sup> /s	3.28		4.32	2.25	3.27		3.27		240	2.59	2.59	6.40	3.10	1.63	
MHQ	m <sup>3</sup> /s	30.9		28.9	13.1	32.3		32.3		210	2.21	2.40	5.65	2.60	1.43	
HQ	m <sup>3</sup> /s	81.2	am 20.04.1983	81.2	49.9	81.2	am 20.04.1983	81.2	am 20.04.1983	183	2.02	2.21	4.96	2.28	1.17	
HQ <sub>1</sub>	m <sup>3</sup> /s									150	1.83	1.83	4.04	1.91	1.04	
HQ <sub>5</sub>	m <sup>3</sup> /s									130	1.64	1.64	3.50	1.76	1.04	
MNq	l/(skm <sup>2</sup> )	1.81		2.56	2.06	1.95		1.95		120	1.64	1.64	3.50	1.67	1.04	
Mq	l/(skm <sup>2</sup> )	6.26		8.24	4.29	6.24		6.24		110	1.45	1.45	3.30	1.48	1.04	
MHq	l/(skm <sup>2</sup> )	59.0		55.2	25.0	61.6		61.6		100	1.45	1.45	3.30	1.48	1.04	
Mh <sub>N</sub>	mm			130	68	197				90	1.32	1.45	3.05	1.48	1.04	
Mh <sub>A</sub>	mm	198								80	1.32	1.45	3.05	1.40	0.920	
		Niedrigwasser				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		0.570	1.09	22.08.1976+	81.2	155		20.04.1983+								
2		0.680	1.30	07.08.1974+	75.6	144		02.01.2003								
3		0.720	1.37	01.10.1971+	73.0	139		20.12.1988								
4		0.730	1.39	02.09.1873	70.8	135		16.03.1984								
5		0.780	1.49	25.07.1963+	63.6	121		31.12.2002								
6		0.800	1.53	31.10.2001	60.1	115		23.02.1970								
7		0.800	1.53	08.08.1998+	50.5	96.4		16.01.1968								
8		0.800	1.53	23.01.1996+	49.9	95.2		23.06.1975								
9		0.800	1.53	28.08.1991+	47.6	90.8		05.06.1981								
10		0.800	1.53	26.10.1990	47.5	90.6		31.12.1986								

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

A<sub>Eo</sub> : 104 km<sup>2</sup>

PNP: NN + 224.75 m

Lage: 1.5 km oberhalb Mündung links



Pegel : Bleicherode

Nr. 575250

Gewässer : Bode

Gebiet : Unstrut

m<sup>3</sup>/s

	Tag	2003		2004												
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
Tageswerte	1.	0.250	0.300	0.440	2.05	0.720	0.580	K 1.00	K 0.370	K 0.440	K 0.300	0.250	0.370	0.100	0.930	
	2.	0.200	0.300	0.370	2.54	0.720	0.580	K 1.07	K 0.440	K 0.510	K 0.300	0.200	0.300	0.100	0.790	
	3.	0.250	0.200	0.370	3.66	0.720	0.580	K 0.930	K 0.440	K 0.580	K 0.300	0.200	0.300	0.100	0.720	
	4.	0.250	0.200	0.300	2.61	0.650	0.580	K 0.790	K 0.440	K 0.510	K 0.300	0.200	0.300	0.100	0.720	
	5.	0.150	0.200	0.300	2.12	0.650	0.580	K 0.720	K 0.510	K 0.580	K 0.300	0.200	0.300	0.100	0.650	
	6.	0.150	0.200	0.300	1.84	0.580	0.650	K 1.21	K 0.370	K 0.510	K 0.300	0.200	0.250	0.100	0.580	
	7.	0.150	0.150	0.580	1.77	0.580	0.580	K 3.24	K 0.370	K 0.440	K 0.300	0.200	0.250	0.100	0.580	
	8.	0.150	0.200	0.510	2.26	0.580	0.650	K 3.10	K 0.370	K 0.510	K 0.300	0.200	0.250	0.100	0.580	
	9.	0.150	0.200	0.510	2.26	0.580	0.650	K 2.33	K 0.440	K 0.440	K 0.300	0.200	0.250	0.100	0.510	
	10.	0.100	0.200	0.650	1.98	0.580	0.580	K 1.84	K 0.440	K 0.510	K 0.300	0.200	0.250	0.250	0.510	
	11.	0.100	0.250	0.930	2.47	0.580	0.580	K 1.42	K 0.510	K 0.440	K 0.250	0.200	0.250	0.150	0.510	
	12.	0.150	0.250	1.63	2.40	0.580	0.580	K 1.21	K 0.510	K 0.370	0.200	0.200	0.250	0.150	0.510	
	13.	0.200	0.250	2.47	2.26	0.580	0.580	K 1.00	K 0.440	K 0.440	0.250	0.200	0.250	0.150	0.370	
	14.	0.200	1.28	2.61	2.40	0.650	0.580	K 0.860	K 0.370	K 0.370	0.300	0.200	0.250	0.150	0.370	
	15.	0.200	1.49	2.61	2.19	0.650	0.510	K 0.790	K 0.370	K 0.370	0.200	0.200	0.250	0.150	0.300	
	16.	0.200	1.07	2.19	2.05	0.650	0.510	K 0.650	K 0.300	K 0.300	0.200	0.200	0.250	0.150	0.300	
	17.	0.440	1.49	2.12	1.91	0.650	0.510	K 0.580	K 0.440	K 0.440	0.200	0.200	0.250	0.300	0.300	
	18.	0.300	1.21	1.84	1.70	0.650	0.510	K 0.510	K 0.300	K 0.510	0.200	0.200	0.250	0.650	0.510	
	19.	0.250	0.930	1.56	1.56	0.650	0.510	K 0.440	K 0.250	K 0.370	0.200	0.200	0.250	2.05	0.790	
	20.	0.250	0.860	1.84	1.42	0.720	0.510	K 0.440	K 0.250	K 0.300	0.200	0.200	0.200	1.28	0.650	
	21.	0.250	1.21	1.49	1.28	0.860	0.440	K 0.510	K 0.300	K 0.250	0.200	0.250	0.250	1.07	0.440	
	22.	0.250	1.21	1.28	1.21	1.28	0.440	K 0.440	K 0.300	K 0.300	0.200	0.580	0.200	2.12	0.370	
	23.	0.250	0.930	1.14	1.14	1.21	0.580	K 0.370	K 0.300	K 0.300	0.200	0.580	0.150	3.24	0.580	
	24.	0.250	0.790	1.07	1.07	1.07	0.440	K 0.300	K 0.250	K 0.300	0.200	0.510	0.150	2.05	1.63	
	25.	0.250	0.720	1.00	1.00	1.00	0.370	K 0.300	K 0.300	K 0.300	0.200	0.370	0.200	1.70	1.63	
	26.	0.250	0.720	0.930	1.00	0.930	0.370	K 0.300	K 0.370	K 0.300	0.250	0.370	0.150	1.49	1.33	
	27.	0.250	0.720	0.860	0.930	0.860	0.370	K 0.300	K 0.370	K 0.300	0.200	0.300	0.150	1.28	1.14	
	28.	0.300	0.720	0.790	0.860	0.790	0.440	K 0.300	K 0.370	K 0.300	0.200	0.300	0.150	1.28	1.00	
	29.	0.370	0.580	0.790	0.790	0.720	0.370	K 0.300	K 0.370	K 0.300	0.440	0.300	0.150	1.14	0.930	
	30.	0.300	0.510	0.650	0.650	0.650	0.370	K 0.300	K 0.370	K 0.300	0.250	0.300	0.150	1.07	0.790	
	31.	0.250	0.510	0.720	0.650	0.650	0.370	K 0.370	K 0.300	K 0.300	0.250	0.150	0.150	0.790	0.790	
Tag	10.+	7.	4.+	29.	6.+	25.+	24.+	19.+	21.	12.+	2.+	23.+	1.+	15.+		
NQ	0.100	0.150	0.300	0.790	0.580	0.370	0.300	0.250	0.250	0.200	0.200	0.150	0.100	0.300		
MQ	0.227	0.640	1.12	1.82	0.734	0.519	0.901	0.374	0.393	0.251	0.264	0.230	0.759	0.704		
HQ	0.510	1.84	3.03	5.20	1.35	0.790	5.62	1.56	2.05	1.35	0.930	0.580	4.64	1.84		
Tag	17.+	15.	13.	2.	22.+	23.	7.	17.	18.	29.	22.	2.+	22.	24.		
h <sub>N</sub>	mm															
h <sub>A</sub>	mm	6	16	29	44	19	13	23	9	10	6	7	6	19	18	
		1951/2003		1952/2004										53 Jahre		
Jahr	2003	1953	1977	1963	1996	1953	1960	1954	1963	1952+	1997	1953	2003+	1953		
NQ	0.100	0.090	0.080	0.070	0.100	0.160	0.160	0.110	0.060	0.080	0.050	0.090	0.100	0.090		
MNQ	0.301	0.435	0.503	0.621	0.646	0.691	0.491	0.358	0.273	0.222	0.220	0.242	0.298	0.435		
MQ	0.609	1.09	1.25	1.29	1.49	1.20	0.808	0.685	0.490	0.359	0.338	0.431	0.616	1.10		
MHQ	2.28	5.46	5.76	4.48	5.85	4.15	2.79	3.96	2.34	1.46	1.37	1.40	2.35	5.49		
HQ	25.5	41.4	37.6	23.4	31.3	52.6	33.3	37.7	20.8	6.17	6.53	12.6	25.5	41.4		
Jahr	1998	1988	1968	1970	1956	1983	1971	1975	1955	1981	1998	1998	1998	1988		
Mh <sub>N</sub>	mm															
Mh <sub>A</sub>	mm	15	28	32	31	38	30	21	17	13	9	8	11	15	28	
Hauptwerte	Abflussjahr (*)				Kalenderjahr				Unterschrittene Dauertabelle				Unterschrittene Abflüsse m <sup>3</sup> /s			
	2004		2004		2004		2004		2004		2004		1952/2004		53 Kalenderjahre	
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Jahr	Datum	Jahr	Datum	Jahr	Datum	Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte	
	NQ	m <sup>3</sup> /s	0.100	am 10.11.2003	0.100	0.150	0.100	am 01.11.2004	(365)	3.66	3.66					
	MQ	m <sup>3</sup> /s	0.619		0.838	4.03	0.668		364	3.24	3.66		19.1	7.99	1.89	
	HQ	m <sup>3</sup> /s	5.62	am 07.05.2004	5.20	5.62	5.62	am 07.05.2004	363	3.10	3.66		15.0	6.25	1.89	
	Nq	l/(skm <sup>2</sup> )	0.962		0.962	1.44	0.962		362	3.10	3.10		15.0	5.41	1.88	
	Mq	l/(skm <sup>2</sup> )	5.95		8.06	3.88	6.42		361	3.10	3.10		11.5	4.81	1.88	
	Hq	l/(skm <sup>2</sup> )	54.0		50.0	54.0	54.0		360	3.10	3.10		11.1	4.40	1.63	
	h <sub>N</sub>	mm							359	2.54	3.10		9.63	4.07	1.51	
	h <sub>A</sub>	mm	188		127	62	203		358	2.54	2.54		9.00	3.86	1.39	
			1952/2004 (*) 53 Jahre				1952/2004									
	NQ	m <sup>3</sup> /s	0.050	am 17.09.1997	0.070	0.050	0.050	am 17.09.1997	240	0.650	0.650		2.08	0.760	0.330	
	MNQ	m <sup>3</sup> /s	0.153		0.262	0.178	0.163		210	0.580	0.580		1.83	0.620	0.270	
	MQ	m <sup>3</sup> /s	0.834		1.15	0.519	0.835		183	0.440	0.510		1.67	0.520	0.230	
	MHQ	m <sup>3</sup> /s	14.2		12.3	6.20	14.8		150	0.370	0.440		1.30	0.430	0.200	
	HQ	m <sup>3</sup> /s	52.6	am 20.04.1983	52.6	37.7	52.6	am 20.04.1983	130	0.370	0.370		1.03	0.370	0.170	
	HQ <sub>1</sub>	m <sup>3</sup> /s							120	0.370	0.370		0.860	0.350	0.170	
	HQ <sub>5</sub>	m <sup>3</sup> /s							110	0.370	0.370		0.800	0.330	0.170	
	MNq	l/(skm <sup>2</sup> )	1.47		2.52	1.71	1.57		100	0.300	0.370		0.800	0.310	0.150	
Mq	l/(skm <sup>2</sup> )	8.02		11.1	4.99	8.03		90	0.300	0.300		0.790	0.300	0.150		
MHQ	l/(skm <sup>2</sup> )	137		118	59.6	142		80	0.300	0.300		0.750	0.270	0.150		
Mh <sub>N</sub>	mm							70	0.300	0.300		0.720	0.260	0.150		
Mh <sub>A</sub>	mm	254		174	79	254		60	0.250	0.300		0.720	0.250	0.150		
Extremwerte	Niedrigwasser				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	0.050	0.481	17.09.1997	52.6	506		20.04.1983	25	0.250	0.250		0.580	0.190	0.110	
	2	0.060	0.577	30.07.1963	41.4	398		19.12.1968	20	0.250	0.200		0.580	0.180	0.110	
	3	0.070	0.673	12.02.1963	37.7	362		23.06.1975	15	0.200	0.200		0.580	0.160	0.100	
	4	0.070	0.673	10.09.1953+	37.6	362		15.01.1968	10	0.200	0.200		0.580	0.150	0.100	
	5	0.070	0.673	22.07.1952+	33.8	325		04.06.1981	9	0.200	0.200		0.580	0.150	0.100	
	6	0.080	0.769	22.01.1977	33.3	320		19.05.1971	8	0.200	0.200		0.580	0.150	0.100	
	7	0.080	0.769	25.09.1963	31.3	301		04.03.1956	7	0.200	0.150		0.510	0.130	0.080	
	8	0.090	0.865	15.08.1953+	25.5	245		11.11.1998	2	0.200	0.150		0.510	0.120	0.070	
9	0.100	0.962	10.11.2003+	24.4	235		16.03.1994	1	0.150	0.150		0.510	0.110	0.070		
10	0.100	0.962	19.03.1996	23.4	225		23.02.1970	0	0.100	0.100		0.440	0.050	0.050		

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

103 Tage Verkrautung

A<sub>Eo</sub> : 201 km<sup>2</sup>

PNP: NN + 169.98 m

Lage: 52.6 km oberhalb Mündung links



Pegel : Sundhausen

Nr. 575400

Gewässer : Helme

Gebiet : Unstrut

m<sup>3</sup>/s

	Tag	2003		2004													
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
Tageswerte	1.	0.320	0.360	0.660	6.48	0.980	0.780	0.720	0.600	0.600	0.560	0.600	0.720	0.480	1.06		
	2.	0.280	0.360	0.720	6.48	1.06	0.780	0.720	0.600	0.520	0.560	0.520	0.840	0.480	0.900		
	3.	0.320	0.360	0.660	17.3	1.06	0.780	0.720	0.660	0.560	0.560	0.520	0.720	0.480	0.780		
	4.	0.360	0.360	0.600	7.60	1.06	0.780	0.720	0.660	0.560	0.560	0.480	0.720	0.480	0.720		
	5.	0.320	0.360	0.660	4.92	0.980	0.780	0.720	0.660	0.560	0.560	0.520	0.840	0.480	0.660		
	6.	0.280	0.360	0.660	3.61	0.980	0.840	0.980	0.660	0.560	0.520	0.520	0.780	0.520	0.660		
	7.	0.280	0.400	0.900	3.25	0.980	0.780	2.31	0.660	0.520	0.480	0.480	0.720	0.520	0.660		
	8.	0.280	0.360	0.780	4.10	0.980	0.780	3.25	0.660	0.600	0.480	0.520	0.660	0.560	0.660		
	9.	0.280	0.360	0.660	5.37	0.900	0.780	1.68	0.720	0.600	0.440	0.520	0.660	0.480	0.600		
	10.	0.280	0.360	0.780	4.77	0.980	0.780	1.22	0.720	0.520	0.440	0.520	0.720	0.480	0.600		
	11.	0.280	0.360	1.78	6.16	0.980	0.780	1.06	0.780	0.520	0.400	0.520	0.660	0.480	0.600		
	12.	0.280	0.400	4.77	6.00	0.980	0.720	0.900	0.780	0.560	0.440	0.520	0.780	0.480	0.600		
	13.	0.280	0.440	7.00	5.22	0.900	0.720	0.780	0.780	0.520	0.520	0.520	0.560	0.480	0.600		
	14.	0.280	2.31	9.20	8.60	0.900	0.720	0.840	0.780	0.520	0.560	0.520	0.560	0.480	0.600		
	15.	0.280	2.53	6.16	5.52	0.900	0.720	0.780	0.720	0.480	0.480	0.560	0.520	0.480	0.600		
	16.	0.280	1.58	4.49	4.36	0.900	0.720	0.720	0.720	0.520	0.400	0.520	0.480	0.440	0.720		
	17.	0.400	1.78	3.13	3.49	0.840	0.720	0.720	0.780	0.520	0.400	0.520	0.480	0.780	0.600		
	18.	0.360	1.48	2.53	3.01	0.840	0.720	0.720	0.780	0.600	0.400	0.520	0.440	1.22	0.900		
	19.	0.360	0.980	2.09	2.53	0.840	0.780	0.660	0.720	0.780	0.440	0.480	0.440	5.22	1.88		
	20.	0.360	0.900	3.13	2.09	0.980	0.780	0.660	0.720	0.560	0.440	0.520	0.480	3.37	1.30		
	21.	0.360	1.06	2.31	1.78	1.22	0.720	0.720	0.720	0.600	0.440	0.560	0.520	2.77	0.840		
	22.	0.320	1.78	1.78	1.68	1.58	0.720	0.780	0.660	0.600	0.440	0.840	0.520	3.25	0.720		
	23.	0.320	1.48	1.30	1.48	1.48	0.840	0.660	0.720	0.600	0.440	0.780	0.440	10.0	0.780		
	24.	0.320	0.980	1.14	1.38	1.30	0.780	0.660	0.660	0.980	0.440	0.840	0.440	5.22	2.42		
	25.	0.320	0.840	1.06	1.38	1.22	0.720	0.600	0.600	0.560	0.440	0.780	0.480	2.65	2.77		
	26.	0.320	0.840	0.980	1.38	1.06	0.720	0.600	0.600	0.520	0.440	0.720	0.480	1.68	2.20		
	27.	0.280	0.840	0.980	1.30	1.06	0.720	0.600	0.600	0.560	0.480	0.720	0.480	1.30	1.58		
	28.	0.360	0.780	0.980	1.22	0.980	0.720	0.600	0.780	0.520	0.520	0.720	0.480	1.38	1.14		
	29.	0.440	0.840	0.980	1.14	0.900	0.660	0.660	0.660	0.520	0.840	0.720	0.480	1.30	1.06		
	30.	0.360	0.720	0.900	0.900	0.900	0.660	0.600	0.600	0.520	0.660	0.660	0.480	1.14	1.06		
	31.	0.360	0.720	0.900	0.900	0.840	0.660	0.660	0.660	0.520	0.660	0.660	0.480	1.14	1.06		
Hauptwerte	Tag	2.+	1.+	4.	29.	17.+	29.+	25.+	1.+	15.	11.+	4.+	18.+	16.	9.+		
	NQ	0.280	0.360	0.600	1.14	0.840	0.660	0.600	0.600	0.480	0.400	0.480	0.440	0.440	0.600		
	MQ	0.319	0.880	2.09	4.26	1.02	0.750	0.904	0.692	0.570	0.498	0.591	0.583	1.64	1.01		
	HQ	0.480	3.37	10.8	25.6	1.68	1.06	5.52	1.22	2.42	1.48	1.14	0.840	11.0	3.25		
	Tag	17.	14.	14.	3.	22.+	23.	7.	17.	24.	29.	22.	2.+	23.	24.		
	h <sub>N</sub>	mm															
	h <sub>A</sub>	mm	4	12	28	53	14	10	12	9	8	7	8	8	21	13	
			1957/2003			1958/2004						47 Jahre					
	Jahr		1982	1983	1988	1980+	1972	1996	1980+	1980	1991+	1991+	1982+	1991	1982	1983	
	NQ	m <sup>3</sup> /s	0.210	0.080	0.090	0.210	0.320	0.360	0.430	0.320	0.280	0.210	0.210	0.210	0.210	0.080	
	MNQ	m <sup>3</sup> /s	0.608	0.726	0.766	0.990	1.11	1.20	0.964	0.768	0.674	0.562	0.556	0.560	0.598	0.717	
	MQ	m <sup>3</sup> /s	1.16	1.95	2.27	2.39	2.59	1.95	1.44	1.21	0.952	0.810	0.801	0.878	1.17	1.94	
	MHQ	m <sup>3</sup> /s	4.97	10.2	12.4	10.9	10.8	5.92	5.14	6.70	2.77	3.25	2.30	2.94	5.17	10.1	
	HQ	m <sup>3</sup> /s	52.5	44.2	48.0	33.2	47.7	32.3	30.2	41.0	11.4	28.6	20.1	37.5	52.2	44.2	
	Jahr		1998	2002	2003	1970	2000	1983	1971	1981	1972	1970	1998	1998	1998	2002	
Mh <sub>N</sub>	mm																
Mh <sub>A</sub>	mm	15	26	30	30	35	25	19	16	13	11	10	12	15	26		
Hauptwerte			Abflussjahr (*)				Kalenderjahr				Unterschr. Abflüsse m <sup>3</sup> /s						
			2004				2004				2004						
			Jahr	Datum	Winter	Sommer	Jahr	Datum	Unter schreitungs- dauer in Tagen		Abfluss- jahr (*)	Kalender- jahr	1958/2004	47 Kalenderjahre			
	NQ	m <sup>3</sup> /s	0.280	am 02.11.2003	0.280	0.400	0.400	am 11.08.2004	(365)	17.3	17.3	17.0	17.0	4.21			
	MQ	m <sup>3</sup> /s	1.08		1.53	0.640	1.20		364	9.20	10.0	33.0	32.7	3.72			
	HQ	m <sup>3</sup> /s	25.6	am 03.02.2004	25.6	5.52	25.6	am 03.02.2004	363	8.60	9.20	23.7	13.7	3.26			
	Nq	l/(skm <sup>2</sup> )	1.39		1.39	1.99	1.99		362	7.60	8.60	23.3	11.6	3.08			
	Mq	l/(skm <sup>2</sup> )	5.37		7.61	3.18	5.97		361	7.00	7.60	22.6	9.94	2.90			
	Hq	l/(skm <sup>2</sup> )	127		127	27.5	127		360	7.00	7.00	21.3	8.86	2.54			
	h <sub>N</sub>	mm							359	7.00	7.00	20.6	8.18	2.54			
	h <sub>A</sub>	mm	170		120	51	189		358	6.48	7.00	18.3	7.40	2.54			
			1958/2004 (*) 47 Jahre				1958/2004				Dauertabelle						
	NQ	m <sup>3</sup> /s	0.080	am 14.12.1983	0.080	0.210	0.080	am 14.12.1983	357	6.48	6.48	17.6	6.84	2.24			
	MNQ	m <sup>3</sup> /s	0.375		0.501	0.483	0.382		356	6.00	6.48	16.2	6.55	2.14			
MQ	m <sup>3</sup> /s	1.53		2.05	1.02	1.53		355	6.00	6.48	16.2	6.55	2.14				
MHQ	m <sup>3</sup> /s	24.4		22.3	10.8	25.0		354	6.48	6.48	16.2	6.55	2.14				
HQ	m <sup>3</sup> /s	52.5	am 01.11.1998	52.5	41.0	52.5	am 01.11.1998	353	6.48	6.48	16.2	6.55	2.14				
HQ <sub>1</sub>	m <sup>3</sup> /s							352	6.48	6.48	16.2	6.55	2.14				
HQ <sub>5</sub>	m <sup>3</sup> /s							351	6.48	6.48	16.2	6.55	2.14				
MNq	l/(skm <sup>2</sup> )	1.87		2.49	2.40	1.90		350	4.92	5.37	13.6	4.92	1.74				
Mq	l/(skm <sup>2</sup> )	7.61		10.2	5.07	7.61		340	3.01	3.37	8.60	3.65	1.41				
MHq	l/(skm <sup>2</sup> )	121		111	53.7	124		330	2.09	2.65	7.28	3.00	1.17				
Mh <sub>N</sub>	mm							320	1.58	1.88	6.18	2.56	1.08				
Mh <sub>A</sub>	mm	241		160	81	241		300	1.14	1.30	4.42	2.04	0.920				
Extremwerte			Niedrigwasser				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	0.080	0.398	14.12.1983+	52.5	261		01.11.1998									
	2	0.090	0.448	12.01.1968+	48.0	239		02.01.2003									
	3	0.100	0.498	10.01.1986	47.7	237		03.03.2000									
	4	0.100	0.498	03.01.1980+	45.3	225		16.03.1994									
	5	0.100	0.498	04.12.1979+	44.2	220		30.12.2002									
	6	0.100	0.498	07.01.1979	41.0	204		04.06.1981									
	7	0.180	0.896	04.01.1970+	38.8	193		19.12.1988									
	8	0.200	0.995	01.12.1967+	37.5	187		28.10.1998									
	9	0.210	1.04	31.08.1996+	35.7	178		12.01.1993									
	10	0.210	1.04	25.08.1991+	35.7	178		30.12.1986									
	(*) Abflussjahr: 1.11. des Vorjahres bis 31.10.																

A<sub>Eo</sub> : 304 km<sup>2</sup>

PNP: NN + 182.56 m

Lage: 11.0 km oberhalb Mündung links



Pegel : Nordhausen

Nr. 575500

Gewässer : Zorge

Gebiet : Unstrut

m<sup>3</sup>/s

Tag	2003		2004															
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez				
1.	0.500	0.600	1.95	8.75	3.50	3.30	2.30	2.70	0.500	0.400	1.20	0.900	0.500	4.10				
2.	0.500	0.500	1.65	18.0	3.10	3.10	3.70	2.70	0.500	0.400	1.05	0.900	0.500	3.70				
3.	0.500	0.500	1.50	32.5	2.70	2.90	3.50	2.50	0.600	0.400	0.800	0.900	0.500	3.30				
4.	0.500	0.500	1.35	29.5	2.50	2.50	3.90	2.30	0.600	0.400	0.700	0.800	0.500	2.90				
5.	0.500	0.500	1.35	23.0	2.30	2.50	3.50	2.50	0.500	0.400	0.600	0.800	0.500	2.70				
6.	0.500	0.500	1.35	19.2	2.10	2.90	4.30	2.30	0.450	0.400	0.450	0.800	0.500	2.50				
7.	0.500	0.500	1.80	17.2	2.10	3.10	8.05	1.95	0.450	0.400	0.450	0.800	0.600	2.30				
8.	0.500	0.450	1.80	16.4	2.10	2.90	11.2	1.80	0.500	0.500	0.450	0.700	0.600	1.95				
9.	0.500	0.450	1.80	14.0	1.95	2.70	10.5	1.65	0.600	0.400	0.450	0.600	0.600	1.80				
10.	0.500	0.450	1.80	12.6	1.95	2.50	9.10	1.65	0.500	0.400	0.450	0.600	0.600	1.80				
11.	0.500	0.450	2.50	12.2	1.95	2.30	7.70	1.50	0.500	0.400	0.450	0.600	0.600	1.65				
12.	0.500	0.450	7.00	10.5	1.95	2.10	6.50	1.35	0.500	0.400	0.450	0.600	0.500	1.65				
13.	0.500	0.700	11.6	9.45	1.95	2.10	6.00	1.20	0.500	0.400	0.450	0.600	0.500	1.50				
14.	0.500	10.5	18.0	9.45	1.95	2.10	5.25	1.05	0.450	0.450	0.400	0.600	0.600	1.35				
15.	0.500	10.8	18.8	9.80	2.10	2.10	4.75	0.900	0.450	0.400	0.400	0.500	0.600	1.20				
16.	0.500	7.35	15.2	10.2	2.90	1.95	4.30	0.800	0.450	0.400	0.400	0.500	0.500	1.05				
17.	0.600	5.75	13.3	10.2	3.70	1.95	4.10	0.800	0.450	0.400	0.400	0.500	1.20	1.20				
18.	0.700	4.50	11.2	9.80	4.50	1.80	3.70	0.900	0.600	0.400	0.400	0.500	5.50	1.80				
19.	0.700	3.90	9.45	8.75	4.75	1.80	3.50	0.800	0.900	0.400	0.400	0.500	9.10	1.80				
20.	0.700	3.30	8.40	7.70	5.50	1.80	3.30	0.800	0.700	0.400	0.400	0.500	6.75	1.35				
21.	0.700	4.30	6.75	6.75	7.70	1.65	3.50	0.800	0.600	0.400	0.450	0.700	5.50	1.05				
22.	0.700	4.75	5.75	6.50	8.75	1.65	3.50	0.800	0.700	0.400	0.700	0.700	5.25	1.05				
23.	0.700	4.50	4.50	6.00	8.40	1.80	3.10	0.900	0.700	0.400	0.800	0.600	16.4	1.65				
24.	0.600	3.90	4.50	5.25	7.35	1.80	3.10	0.900	0.600	0.400	1.05	0.600	16.0	6.75				
25.	0.600	3.70	4.10	5.00	6.50	1.65	3.10	0.800	0.500	0.400	0.900	0.600	11.9	9.80				
26.	0.500	3.30	3.90	4.75	5.75	1.50	3.10	0.700	0.500	0.400	0.900	0.600	7.70	9.45				
27.	0.500	3.10	3.50	4.50	5.00	1.50	2.90	0.600	0.600	0.450	0.900	0.600	6.25	7.70				
28.	0.500	2.90	3.10	4.10	4.75	1.50	2.90	0.700	0.500	0.600	0.800	0.600	5.50	6.50				
29.	0.700	2.50	2.90	3.90	4.30	1.65	2.90	0.700	0.450	0.900	0.900	0.500	4.75	5.75				
30.	0.600	2.30	2.50	2.90	3.90	1.80	2.90	0.500	0.400	1.20	1.05	0.500	4.30	4.75				
31.		1.95	2.70		3.50		2.70		0.400	1.35		0.500		4.30				
Tag	1.+	8.+	4.+	29.	9.+	26.+	1.	30.	30.+	1.+	14.+	15.+	1.+	16.+				
NQ	0.500	0.450	1.35	3.90	1.95	1.50	2.30	0.500	0.400	0.400	0.400	0.500	0.500	1.05				
MQ	0.560	2.90	5.70	11.6	3.92	2.16	4.61	1.32	0.537	0.485	0.640	0.635	3.83	3.24				
HQ	0.800	13.0	19.6	36.5	9.10	3.30	12.2	3.50	1.50	2.90	9.10	1.05	20.4	10.8				
Tag	19.	14.	15.	3.	23.	1.+	7.	2.	18.	8.	13.	1.	23.	25.				
h <sub>N</sub>	mm																	
h <sub>A</sub>	mm	5	26	50	96	35	18	41	11	5	4	5	6	33	29			
1953/2003			1954/2004												51 Jahre			
Jahr	1991	1976	1977	1960	1963	1960	1959	1966	1959	1991+	1959+	1966	1991	1976				
NQ	0.150	0.280	0.100	0.080	0.240	0.470	0.270	0.080	0.100	0.150	0.100	0.050	0.150	0.280				
MNQ	1.28	1.73	2.09	2.41	2.37	2.76	1.72	0.912	0.740	0.594	0.614	0.773	1.28	1.74				
MQ	3.07	5.35	5.94	5.56	6.44	5.61	2.97	2.15	1.56	1.16	1.20	1.87	3.14	5.40				
MHQ	9.59	20.0	23.1	15.1	21.9	12.7	6.68	7.42	4.70	3.14	3.75	6.51	9.97	20.1				
HQ	85.6	87.1	91.9	49.5	95.1	63.3	24.9	46.5	29.6	11.4	23.8	81.4	85.6	87.1				
Jahr	1998	1954	1987	2002	1956	1994	1965	1977	1956	1970	1957	1998	1998	1954				
Mh <sub>N</sub>	mm																	
Mh <sub>A</sub>	mm	26	47	52	46	57	48	26	18	14	10	10	16	27	48			
Abflussjahr (*)			2004		Kalenderjahr		2004		Unterschrittene		Abfluss-		Kalender		1954/2004		51 Kalenderjahre	
			Jahr	Datum	Winter	Sommer	Jahr	Datum	schreitungs-	Abfluss-	Kalender	1954/2004	Obere	Mittlere	Untere			
									dauer	jahr (*)	jahr	Obere	Hüllwerte	Werte	Hüllwerte			
									in Tagen	2004	2004	Hüllwerte						
NQ	m <sup>3</sup> /s	0.400	am 30.07.2004	0.450	0.400	0.400	am 30.07.2004		(365)	32.5	32.5							
MQ	m <sup>3</sup> /s	2.89		4.43	1.38	3.19			364	29.5	29.5	87.1	32.8	7.64				
HQ	m <sup>3</sup> /s	36.5	am 03.02.2004	36.5	12.2	36.5	am 03.02.2004		363	23.0	23.0	75.2	28.3	7.64				
Nq	l/(skm <sup>2</sup> )	1.32		1.48	1.32	1.32			362	19.2	19.2	67.3	24.1	7.64				
Mq	l/(skm <sup>2</sup> )	9.51		14.6	4.54	10.5			361	18.8	18.8	53.2	22.0	7.00				
Hq	l/(skm <sup>2</sup> )	120		120	40.1	120			360	18.8	18.8	52.7	20.5	7.00				
h <sub>N</sub>	mm								359	18.8	18.8	40.0	19.0	7.00				
h <sub>A</sub>	mm	301		229	72	332			358	17.2	17.2	37.5	17.8	6.60				
1954/2004 (*) 51 Jahre			1954/2004		1954/2004		1954/2004		357	16.4	17.2	37.5	17.0	6.60				
NQ	m <sup>3</sup> /s	0.050	am 22.10.1966	0.080	0.050	0.050	am 22.10.1966		356	15.2	17.2	37.5	16.2	6.48				
MNQ	m <sup>3</sup> /s	0.351		0.917	0.402	0.376			355	11.6	12.2	24.6	13.3	4.88				
MQ	m <sup>3</sup> /s	3.56		5.34	1.82	3.57			340	9.80	10.2	18.1	10.3	4.21				
MHQ	m <sup>3</sup> /s	41.2		39.2	13.8	41.6			330	8.05	9.10	14.1	8.54	3.60				
HQ	m <sup>3</sup> /s	95.1	am 04.03.1956	95.1	81.4	95.1	am 04.03.1956		320	6.75	7.00	12.4	7.34	3.24				
HQ <sub>1</sub>	m <sup>3</sup> /s								300	4.75	5.50	10.4	5.61	2.53				
HQ <sub>5</sub>	m <sup>3</sup> /s								270	3.50	3.90	8.36	4.08	1.95				
MNq	l/(skm <sup>2</sup> )	1.15		3.02	1.32	1.24			240	2.70	2.90	6.20	3.16	1.35				
Mq	l/(skm <sup>2</sup> )	11.7		17.6	5.99	11.7			210	1.95	2.10	4.94	2.48	0.750				
MHq	l/(skm <sup>2</sup> )	136		129	45.4	137			183	1.50	1.80	4.20	2.07	0.460				
Mh <sub>N</sub>	mm								150	0.900	1.20	3.40	1.64	0.400				
Mh <sub>A</sub>	mm	370		276	95	371			130	0.800	0.900	3.00	1.35	0.340				
Niedrigwasser			Hochwasser			Hochwasser			120	0.700	0.800	3.00	1.21	0.340				
m <sup>3</sup> /s			l/(skm <sup>2</sup> )			m <sup>3</sup> /s			110	0.700	0.700	2.80	1.11	0.340				
Datum			Datum			cm			100	0.600	0.700	2.60	0.990	0.230				
1	0.050	0.164	22.10.1966	95.1	313	04.03.1956			90	0.600	0.700	2.42	0.870	0.230				
2	0.080	0.263	25.06.1966+	87.1	302	01.01.1987			80	0.600	0.600	2.24	0.800	0.190				
3	0.080	0.263	09.02.1960	87.1	287	27.12.1954+			70	0.600	0.600	2.24	0.720	0.190				
4	0.100	0.329	10.03.1997+	86.3	284	30.12.1986			60	0.600	0.600	2.06	0.620	0.190				
5	0.100	0.329	07.10.1989	85.6														





A<sub>Eo</sub> : 1255 km<sup>2</sup>

PNP: NN + 253.41 m

Lage: 171.0 km oberhalb Mündung rechts



m<sup>3</sup>/s

Pegel : Greiz

Gewässer : Weiße Elster

Gebiet : Weiße Elster

Nr. 576470

	Tag	2003		2004												
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
Tageswerte	1.	2.83	2.52	4.08	11.9	8.32	8.84	3.70	7.58	3.17	K 3.34	K 2.25	3.89	7.34	22.3	
	2.	2.52	2.52	3.89	17.7	8.07	9.11	7.34	6.42	3.17	K 2.67	K 2.25	6.65	6.19	17.3	
	3.	2.67	2.52	3.52	34.0	8.07	8.84	5.32	5.97	3.34	K 2.67	K 2.52	5.32	4.90	15.5	
	4.	2.52	2.38	R 3.52	32.4	7.82	8.32	4.48	5.75	3.52	K 2.67	K 2.25	4.90	4.69	15.9	
	5.	2.13	2.38	R 4.08	27.5	7.58	7.82	5.75	9.11	3.70	K 2.52	K 2.13	4.69	4.28	13.2	
	6.	2.13	2.52	R 4.90	26.6	7.82	7.58	5.32	5.32	3.34	K 2.67	K 2.13	4.90	4.28	12.3	
	7.	2.02	2.38	R 5.53	26.6	7.82	7.82	25.6	5.11	2.83	K 2.38	K 2.13	5.97	4.48	10.8	
	8.	2.02	2.38	5.53	24.2	7.58	8.32	28.0	4.48	9.94	K 2.38	K 2.25	5.97	5.11	10.2	
	9.	2.02	2.38	5.11	16.9	6.65	8.84	13.2	3.34	13.2	K 2.38	K 2.13	4.90	5.32	8.84	
	10.	2.13	2.38	4.69	13.8	6.65	8.07	12.6	4.90	10.2	K 2.25	K 2.13	5.32	6.65	7.82	
	11.	2.13	2.25	4.69	13.8	6.65	9.11	34.0	9.11	5.97	K 2.25	K 2.02	5.32	6.42	7.82	
	12.	2.25	2.52	8.32	13.5	6.65	8.32	30.0	10.2	4.90	K 2.25	K 4.28	5.11	6.88	7.82	
	13.	2.25	3.00	11.6	11.9	6.65	5.53	24.2	9.38	4.69	K 3.70	K 3.00	4.69	9.66	7.82	
	14.	2.38	4.69	16.9	14.8	7.82	5.11	22.7	8.07	5.11	K 2.83	K 2.02	4.69	9.94	7.82	
	15.	2.13	4.90	14.2	18.0	9.11	4.48	16.9	6.42	3.89	K 3.52	K 1.83	4.28	9.38	7.82	
	16.	2.13	3.89	12.9	18.4	8.84	4.28	17.3	6.19	3.89	K 2.83	K 2.83	3.34	10.5	7.34	
	17.	2.52	3.89	11.9	16.6	8.58	6.42	16.9	5.75	3.89	K 2.38	2.38	3.52	13.2	6.88	
	18.	2.38	3.70	11.1	15.2	8.58	11.6	14.8	6.19	4.08	K 2.38	2.13	3.70	18.0	9.11	
	19.	2.38	3.52	9.94	15.2	8.58	5.11	11.9	6.42	4.90	K 2.38	2.67	3.34	38.8	9.66	
	20.	2.38	3.70	9.66	13.5	9.11	4.28	10.8	5.97	4.48	K 3.00	2.38	3.17	3.34	7.82	
	21.	2.38	4.90	8.84	11.9	11.1	3.34	10.8	5.53	5.11	K 2.83	2.25	3.52	37.3	5.97	
	22.	2.25	R 5.75	8.07	11.6	10.8	3.70	10.2	5.11	7.34	K 2.52	2.67	3.34	35.9	5.53	
	23.	2.38	R 4.90	R 7.82	11.1	9.94	3.70	9.94	5.53	5.53	K 2.38	9.11	3.34	55.7	5.97	
	24.	2.52	R 5.11	R 7.58	10.8	11.4	3.89	9.11	3.70	8.07	K 2.38	8.84	2.52	50.4	10.5	
	25.	2.38	R 5.75	R 7.34	10.5	13.5	4.08	7.82	4.48	7.58	K 2.67	7.58	3.34	45.5	15.5	
	26.	2.38	4.69	R 7.34	10.2	12.6	3.70	7.34	3.52	6.88	K 2.25	5.75	4.08	41.2	17.7	
	27.	2.38	4.48	R 7.34	9.38	11.4	3.00	6.65	3.17	6.19	K 2.83	6.19	6.42	38.8	15.5	
	28.	2.67	4.69	7.11	8.84	9.38	3.00	6.19	3.52	3.89	K 2.52	5.53	5.75	35.9	14.2	
	29.	3.70	4.69	6.88	8.58	9.11	2.83	5.53	3.17	3.70	K 2.52	4.28	5.11	32.4	13.5	
	30.	2.67	4.28	6.65	8.58	8.84	3.17	5.32	3.17	3.34	K 2.52	4.08	5.97	26.6	12.9	
	31.	2.67	4.08	7.58	8.58	8.58	5.11	5.11	5.11	5.11	K 2.83	5.32	5.32	26.6	12.9	
Tag	7.+	11.	3.+	29.	9.+	29.	1.	27.+	7.	10.+	15.	24.	20.	22.		
NQ	2.02	2.25	3.52	8.58	6.65	2.83	3.70	3.17	2.83	2.25	1.83	2.52	3.34	5.53		
MQ	2.39	3.67	7.70	16.4	8.83	6.07	12.8	5.69	5.32	2.64	3.47	4.59	19.3	11.1		
HQ	7.82	7.82	18.8	38.8	14.8	11.9	42.8	16.2	30.0	6.42	15.9	11.6	62.3	23.2		
Tag	12.	29.	14.	3.	21.	17.+	11.	5.	8.	13.	16.	2.	23.	1.		
h <sub>N</sub>	mm															
h <sub>A</sub>	mm	5	8	16	33	19	13	27	12	11	6	7	10	40	24	
		1924/2003		1925/2004 71 Jahre												
Jahr	1929+	1953	1934	1963	1963	1930	1934	1934	1934	1952	1934	1934	1933	1953		
NQ	1.48	0.980	1.48	1.50	1.50	2.51	1.61	1.00	0.960	0.830	1.08	1.22	1.48	0.980		
MNQ	5.12	5.06	5.93	7.20	8.47	8.15	5.33	4.58	4.26	3.77	3.78	3.80	5.11	5.10		
MQ	8.54	10.4	12.2	13.1	17.3	15.0	10.3	9.19	9.06	6.93	6.34	7.15	8.68	10.5		
MHQ	19.8	27.5	31.8	29.8	38.6	31.3	27.6	33.6	36.2	27.2	18.5	18.9	20.4	28.2		
HQ	138	155	135	80.7	113	112	160	205	558	244	132	82.2	138	155		
Jahr	2002	1974	2003	1941	2000	1988	1978	1961	1954	1955	1995	1966	2002	1974		
Mh <sub>N</sub>	mm															
Mh <sub>A</sub>	mm	18	22	26	26	37	31	22	19	15	13	15	18	22		
		Abflussjahr (*)				Kalenderjahr				Unterschr. Abflüsse m <sup>3</sup> /s						
		2004				2004				2004						
		Jahr	Datum	Winter	Sommer	Jahr	Datum			Unter	Abfluss-	Kalender	1925/2004	71		
										schriftungs-	jahr (*)	jahr	Obere	Mittlere	Untere	
										dauer	2004	2004	Hüllwerte	Werte	Hüllwerte	
										in Tagen						
NQ	m <sup>3</sup> /s	1.83	am 15.09.2004	2.02	1.83	1.83	am 15.09.2004			(365)	34.1	55.7	418	76.0	18.1	
MQ	m <sup>3</sup> /s	6.60		7.45	5.76	8.62				364	34.1	50.4	418	64.5	16.0	
HQ	m <sup>3</sup> /s	42.8	am 11.05.2004	38.8	42.8	62.3	am 23.11.2004			363	32.4	45.5	367	59.3	15.6	
Nq	l/(skm <sup>2</sup> )	1.46		1.61	1.46	1.46				362	30.0	41.2	225	54.6	14.2	
Mq	l/(skm <sup>2</sup> )	5.26		5.94	4.59	6.87				361	28.0	41.2	151	50.8	13.9	
Hq	l/(skm <sup>2</sup> )	34.1		30.9	34.1	49.6				360	27.5	41.2	112	47.2	13.2	
h <sub>N</sub>	mm									359	27.5	37.3	94.3	45.0	12.6	
h <sub>A</sub>	mm	166		93	73	217				358	27.5	37.3	94.3	42.7	12.3	
		1925/2004 (*) 73 Jahre				1925/2004				1925/2004						
NQ	m <sup>3</sup> /s	0.830	am 18.08.1952	0.980	0.830	0.830	am 18.08.1952			357	25.6	37.3	90.0	40.9	12.0	
MNQ	m <sup>3</sup> /s	2.66		3.79	2.82	2.70				356	25.6	35.9	89.0	32.9	11.4	
MQ	m <sup>3</sup> /s	10.5		12.9	8.13	10.5				355	17.3	27.5	69.8	25.7	9.88	
MHQ	m <sup>3</sup> /s	88.7		60.2	69.5	91.0				354	14.2	18.4	57.0	21.4	8.96	
HQ	m <sup>3</sup> /s	558	am 11.07.1954	155	558	558	am 11.07.1954			353	12.9	16.6	53.4	18.7	7.36	
HQ <sub>1</sub>	m <sup>3</sup> /s									352	11.6	14.8	50.2	15.1	5.46	
HQ <sub>5</sub>	m <sup>3</sup> /s									351	9.66	12.3	41.4	12.1	4.14	
MNq	l/(skm <sup>2</sup> )	2.12		3.02	2.25	2.15				350	8.32	9.94	35.1	9.94	3.64	
Mq	l/(skm <sup>2</sup> )	8.37		10.3	6.48	8.37				349	6.88	8.58	29.1	8.17	3.34	
MHq	l/(skm <sup>2</sup> )	70.7		48.0	55.4	72.5				348	5.97	7.82	23.2	6.90	3.16	
Mh <sub>N</sub>	mm									347	5.11	6.65	19.4	5.67	2.65	
Mh <sub>A</sub>	mm	265		162	103	265				346	4.28	5.53	16.3	5.15	2.07	
		Niedrigwasser				Hochwasser				Dauertabelle						
		m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum								
1	0.830	0.661	18.08.1952	558	445	11.07.1954			345	3.89	5.11	14.2	13.6	4.91	1.98	
2	0.880	0.701	04.08.1935	244	194	01.08.1955			344	3.52	4.48	12.9	4.70	1.90		
3	0.900	0.717	22.07.1928	213	170	06.07.1958			343	3.34	4.28	12.0	4.54	1.90		
4	0.960	0.765	08.07.1934	205	163	22.08.1970			342	3.00	3.89	11.6	4.33	1.75		
5	0.980	0.781	13.12.1953	205	163	10.06.1961			341	2.83	3.70	11.1	4.21	1.68		
6	1.08	0.861	16.09.1934	160	127	08.05.1978			340	2.67	3.52	10.6	4.04	1.61		
7	1.27	1.01	17.12.1933	155	124	08.12.1974			339	2.67	3.34	10.4	3.88	1.61		
8	1.38	1.10	06.07.1930+	146	116	21.05.1941			338	2.52	3.17	10.2	3.64	1.48		
9	1.50	1.20	10.07.1964	144	115	19.06.1926			337	2.38	2.83	9.01	3.35	1.42		
10	1.50	1.20	01.02.1963+	142	113	06.04.1944			336	2.38	2.67	8.57	3.00	1.37		
		(*) Abflussjahr: 1.11. des Vorjahres bis 31.10. Ausfalljahr: KJ 1928-1929, 1944-1950; AJ 1929; AJ 1945-1950														
		Beeinflussung durch TS-Steuerung														
		13 Tage Randeis, 47 Tage Verkantung														

A<sub>Eo</sub> : 2186 km<sup>2</sup>

PNP: NN + 180.79 m

Lage: 116.0 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Gera-Langenberg

Nr. 576520

Gewässer : Weiße Elster

Gebiet : Weiße Elster

Tag	2003		2004																						
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez											
1.	4.60	4.40	5.71	13.7	10.4	11.6	4.40	8.84	K3.62	K5.02	K3.11	K5.25	7.70	24.1											
2.	4.40	4.60	R5.25	22.8	10.4	11.6	7.00	9.22	K3.81	K4.60	K2.83	K5.48	8.46	20.2											
3.	3.81	4.40	R4.80	44.6	10.4	11.2	6.70	7.70	K3.81	K4.20	K2.83	K8.46	5.71	18.9											
4.	4.80	4.20	R4.00	47.0	10.4	10.4	5.94	7.35	K4.80	K3.81	K2.97	K5.94	6.17	20.2											
5.	4.00	4.20	T3.81	35.0	10.4	10.0	6.42	9.22	K4.40	K3.62	K2.83	K5.94	5.71	17.2											
6.	3.81	4.40	T4.00	32.0	10.4	9.22	8.46	10.4	K5.25	K3.43	K2.83	K6.17	5.02	15.9											
7.	3.62	4.40	6.70	30.9	10.4	9.60	21.5	7.00	K4.60	K3.62	K2.69	K7.70	5.25	14.2											
8.	3.62	4.00	8.08	29.8	10.0	9.22	42.3	6.17	K7.00	K3.43	K2.69	K7.35	6.17	13.3											
9.	3.62	4.00	7.35	24.5	8.84	11.2	22.3	5.71	K12.4	K3.26	K2.56	K7.00	6.42	12.0											
10.	3.62	R4.00	7.00	19.3	8.84	9.60	18.0	5.94	K13.7	K3.11	K2.43	K6.17	8.08	10.8											
11.	4.00	R4.20	7.00	18.9	8.84	9.60	29.8	8.46	K7.70	K2.97	K2.43	K5.94	8.08	10.4											
12.	4.20	T4.20	10.4	19.7	8.84	10.4	35.0	11.2	K6.42	K2.97	K3.81	K5.94	8.08	10.4											
13.	4.60	4.80	15.9	17.2	9.22	7.00	28.2	12.4	K6.17	K4.80	K4.80	K5.71	11.2	10.4											
14.	4.20	6.42	21.5	20.6	10.4	6.17	25.0	K9.60	K5.48	K4.80	K3.11	K5.48	13.3	10.4											
15.	4.40	7.35	20.2	24.1	13.3	5.94	21.0	K7.70	K5.94	K4.80	K2.56	K5.25	11.6	10.8											
16.	4.00	6.17	18.9	26.0	13.3	5.94	19.3	K7.35	K5.02	K4.60	K2.30	K4.60	11.2	10.0											
17.	4.40	5.71	16.7	23.6	12.4	5.71	19.7	K6.42	K5.02	K3.81	K3.43	K4.60	13.3	9.22											
18.	4.60	5.94	15.4	21.0	12.4	12.9	18.5	K7.00	K5.25	K3.26	K2.43	K4.60	18.0	11.6											
19.	4.20	5.25	14.2	21.0	12.0	8.84	15.9	K6.70	K6.42	K3.11	K2.97	K4.80	39.3	13.3											
20.	4.00	5.02	13.7	19.7	12.9	6.17	13.7	K7.00	K5.71	K3.11	K2.97	K4.40	51.1	11.2											
21.	4.00	5.48	12.4	18.0	14.2	5.48	13.7	K6.17	K6.42	K3.81	K2.83	K5.02	45.4	R8.46											
22.	4.00	6.70	R11.2	16.7	14.6	5.02	13.3	K6.42	K9.60	K3.43	K2.83	K4.60	38.6	T8.46											
23.	3.81	7.00	R8.84	15.9	13.3	5.02	12.4	K5.02	K10.0	K3.11	K8.08	K4.60	63.7	T8.46											
24.	4.00	5.02	R10.0	15.0	13.3	5.25	12.0	K4.60	K9.60	K2.97	K14.2	K4.20	64.6	11.6											
25.	4.20	5.02	R11.2	14.2	16.7	5.25	10.4	K4.80	K11.2	K2.97	K9.60	K4.00	54.3	18.5											
26.	4.00	R6.70	R10.8	13.7	16.3	4.80	10.0	K4.80	K8.84	K3.11	K7.35	K3.43	48.6	22.3											
27.	4.20	R5.94	R9.60	12.9	15.9	4.60	8.84	K4.20	K8.84	K3.26	K7.00	K4.80	47.0	21.9											
28.	4.60	5.94	10.0	12.4	12.9	4.40	8.08	K4.20	K6.17	K3.11	K7.00	K5.02	43.1	23.2											
29.	5.71	5.71	9.22	11.2	12.4	4.20	7.35	K4.00	K5.25	K3.26	K6.17	K5.48	37.8	22.3											
30.	5.48	5.71	8.84	12.9	12.9	4.20	6.70	K3.81	K4.80	K3.11	K5.71	K6.17	29.8	21.9											
31.	5.48	5.48	9.22	12.0	12.0	6.42	6.42	6.42	K5.71	K3.81	K3.81	K8.08	21.5	21.5											
Tag	7.+	8.+	5.	29.	9.+	29.+	1.	30.	1.	11.+	16.	26.	6.	21.+											
NQ	3.62	4.00	3.81	11.2	8.84	4.20	4.40	3.81	3.62	2.97	2.30	3.43	5.02	8.46											
MQ	4.22	5.25	10.4	22.1	11.9	7.68	15.4	6.98	6.74	3.62	4.31	5.54	24.1	14.9											
HQ	6.70	9.60	24.1	53.5	17.2	17.2	50.2	17.2	23.2	8.08	18.0	14.2	75.2	25.0											
Tag	29.	15.	14.	3.+	25.	18.	8.	6.	9.	1.	24.	3.	23.	1.+											
h <sub>N</sub>	mm																								
h <sub>A</sub>	mm	5	6	13	25	15	9	19	8	8	4	5	7	29	18										
		1950/2003		1951/2004												54 Jahre									
Jahr	1964	1953	1954+	1954	1963	1993+	1955	1964	1964	1952	1964	1964	1964	1953											
NQ	3.00	1.90	3.20	2.83	4.00	4.20	3.69	2.44	1.90	2.04	2.26	2.80	3.00	1.90											
MNQ	7.41	7.65	9.26	10.8	12.3	11.6	7.67	7.00	5.90	5.52	5.74	5.76	7.39	7.70											
MQ	12.0	16.1	18.2	19.4	24.9	21.7	14.5	13.4	13.0	10.2	9.20	10.2	12.2	16.2											
MHQ	24.4	41.5	44.1	42.8	56.8	47.9	35.1	47.0	46.8	44.9	24.1	26.2	25.5	41.7											
HQ	178	216	164	135	197	232	187	290	667	516	168	139	178	216											
Jahr	2002	1974	2003	1987	1956	1980	1978	1965	1954	1981	1995	1974	2002	1974											
Mh <sub>N</sub>	mm																								
Mh <sub>A</sub>	mm	14	20	22	22	31	26	18	16	16	12	11	12	20											
		Abflussjahr (*)				Kalenderjahr				Unterschnittene Abflüsse m <sup>3</sup> /s															
		2004				2004				Unter		Abfluss-		Kalender		1951/2004		54 Kalenderjahre							
		Jahr		Datum		Winter		Sommer		Jahr		Datum		schreitungs-		jahr (*)		jahr		Obere		Mittlere		Untere	
														dauer		2004		2004		Hüllwerte		Werte		Hüllwerte	
														in Tagen											
														(365)		47.0		64.6		631		112		18.2	
														364		44.6		63.7		54.3		505		95.5	
														363		42.3		61.1		41.5		84.2		17.6	
														362		42.3		48.6		246		73.9		17.6	
														361		32.0		48.6		167		68.0		17.0	
														360		30.9		48.6		128		63.7		17.0	
														359		30.9		45.4		127		61.2		17.0	
														358		30.9		44.6		126		58.3		17.0	
														357		28.2		43.1		124		56.2		17.0	
														356		22.8		37.8		105		46.1		15.8	
														355		20.2		24.5		71.3		37.3		12.6	
														350		17.2		21.9		58.8		31.8		10.7	
														340		14.6		20.2		50.4		27.7		9.40	
														330		13.3		16.3		39.6		22.5		8.20	
														320		10.8		13.3		35.7		17.5		6.12	
														300		9.22		11.2		29.1		14.2		5.28	
														270		7.35		10.0		24.5		11.8		4.52	
														240		6.42		8.84		20.6		10.1		4.28	
														150		5.71		7.00		17.8		8.27		4.04	
														130		5.25		6.42		16.9		7.50		4.04	
														120		5.02		6.17		15.4		7.18		3.80	
														110		4.80		5.94		14.2		6.88		3.80	
														100		4.80		5.48		13.6		6.60		3.80	
														90		4.60		5.25		13.1		6.26		3.60	
														80		4.40		5.02		12.7		6.02		3.60	
														70		4.20		4.80		12.2		5.77		3.60	
														60		4.20		4.40		11.8		5.52		3.40	
														50		4.00		4.00		10.9		5.30		3.40	
														40		3.81		3.81		10.4		5.08		3.20	
														30		3.43		3.43		10.0		4.83		3.20	
														25		3.26		3.26		8.77		4.61		3.20	
														20		3.11		3.11		8.10		4.46		2.83	
														15		3.11		3.11		8.10		4.23		2.83	
														10		2.97		2.97		8.10		3.86		2.45	
														9		2.97		2.97		8.10		3.81		2.45	
														8		2.97		2.97		8.10		3.81		2.45	
														7		2.83		2.83		7.79		3.62		2.45	
														6		2.83		2.83		7.79		3.60		2.45	
														5		2.69		2.69		7.79		3.42		2.45	
								</																	

A<sub>Eo</sub> : 297 km<sup>2</sup>

PNP: NN + 238.29 m

Lage: 7.0 km oberhalb Mündung rechts



Pegel : Weida

Nr. 577320

Gewässer : Weida

Gebiet : Weiße Elster

m<sup>3</sup>/s

Tag	2003		2004														
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
1.	0.380	0.282	0.282	1.01	0.500	0.748	0.438	0.328	0.438	0.240	0.282	0.282	0.328	0.380	1.22		
2.	0.282	0.282	0.282	1.50	0.562	0.500	0.562	0.500	0.562	0.240	0.282	0.240	0.380	0.282	0.624		
3.	0.282	0.282	G0.282	4.05	0.811	0.438	0.438	0.380	0.282	0.282	0.240	0.240	0.380	0.282	0.562		
4.	0.328	0.282	G0.282	3.37	0.686	0.438	0.380	0.328	0.438	0.240	0.240	0.240	0.438	0.282	0.500		
5.	0.282	0.282	G0.282	2.23	0.438	0.438	0.500	0.624	0.380	0.240	0.240	0.240	0.686	0.282	0.438		
6.	0.282	0.282	G0.282	1.61	0.438	0.438	0.562	0.438	0.328	0.240	0.240	0.240	0.562	0.282	0.438		
7.	0.282	0.282	R0.282	1.40	0.438	0.438	2.10	0.380	0.282	0.240	0.240	0.240	0.562	0.328	0.380		
8.	0.282	R0.282	R0.282	1.22	0.380	0.500	4.93	0.328	0.282	0.240	0.240	0.240	0.562	0.438	0.380		
9.	0.282	R0.282	R0.282	1.01	0.380	0.875	4.22	0.380	0.328	0.240	0.240	0.240	0.624	0.438	0.328		
10.	0.282	R0.282	R0.282	0.940	0.438	0.624	2.52	0.328	0.282	0.240	0.240	0.240	0.562	0.500	0.282		
11.	0.282	R0.282	R0.282	0.940	0.438	0.624	1.73	0.380	0.282	0.240	0.240	0.240	0.500	0.562	0.282		
12.	0.240	R0.240	R0.240	0.875	0.438	0.624	3.20	0.438	0.282	0.240	0.240	0.562	0.438	0.624	0.282		
13.	0.328	0.328	1.07	1.07	0.500	0.562	2.52	0.380	0.282	1.01	0.500	0.438	0.940	0.282	0.282		
14.	0.328	0.500	1.50	2.37	0.686	0.438	1.31	0.380	0.240	1.14	0.328	0.500	0.875	0.438	0.438		
15.	0.282	0.438	1.40	3.03	0.811	0.380	0.748	0.328	0.240	1.14	0.328	0.240	0.686	0.624	0.624		
16.	0.240	0.380	1.22	3.37	0.875	0.328	0.875	0.328	0.240	1.01	0.282	0.240	0.624	0.282	0.282		
17.	0.328	0.380	1.07	2.52	0.811	0.380	0.811	0.282	0.240	0.500	0.282	0.240	0.562	0.380	0.380		
18.	0.282	0.380	0.940	2.23	0.940	0.380	0.748	0.328	0.240	0.624	0.282	0.282	0.624	0.686	0.686		
19.	0.282	0.380	0.811	2.37	0.686	0.438	1.01	0.328	0.438	0.282	0.240	0.282	1.97	0.380	0.380		
20.	0.282	0.380	0.811	1.73	0.811	0.438	1.22	0.328	0.282	0.328	0.282	0.282	1.73	0.438	0.438		
21.	0.240	0.438	0.748	1.40	0.811	0.380	1.01	0.282	0.282	0.282	0.282	0.328	1.50	0.875	0.875		
22.	0.240	0.438	R0.624	1.22	0.748	0.328	0.500	0.328	0.624	0.240	0.500	0.240	1.61	1.50	1.50		
23.	0.240	R0.438	R0.624	1.01	0.686	0.328	0.438	0.282	0.438	0.240	0.282	0.240	3.54	1.61	1.61		
24.	0.240	V0.438	R0.624	0.940	0.686	0.380	0.500	0.240	0.748	0.240	2.10	0.282	2.86	1.73	1.73		
25.	0.240	V0.438	R0.624	0.875	0.686	0.328	0.686	0.240	0.500	0.240	0.686	0.686	1.97	1.14	1.14		
26.	0.240	R0.438	R0.624	0.686	0.686	0.328	0.624	0.240	0.562	0.240	0.624	0.282	2.23	1.73	1.73		
27.	0.240	0.380	R0.624	0.624	0.875	0.328	0.380	0.240	0.438	0.282	0.624	0.380	4.05	2.10	2.10		
28.	0.240	0.380	R0.624	0.562	0.811	0.282	0.328	0.240	0.328	0.282	0.438	0.282	3.88	5.47	5.47		
29.	0.380	0.380	R0.624	0.562	0.940	0.282	0.328	0.240	0.282	0.282	0.438	0.282	2.37	5.11	5.11		
30.	0.328	0.380	R0.624	1.01	0.282	0.282	0.282	0.240	0.282	0.328	0.438	0.624	1.31	5.47	5.47		
31.	0.328	0.328	R0.624	0.940	0.940	0.282	0.282	0.282	0.282	0.282	0.328	0.500	4.39	4.39	4.39		
Tag	12.+	12.	1.+	28.+	8.+	28.+	30.+	24.+	1.+	4.+	2.+	15.+	2.+	10.+			
NQ	0.240	0.240	0.282	0.562	0.380	0.282	0.282	0.240	0.240	0.240	0.240	0.240	0.282	0.282	0.282		
MQ	0.282	0.354	0.634	1.61	0.676	0.442	1.16	0.340	0.342	0.388	0.486	0.408	1.27	1.30			
HQ	0.811	0.624	1.50	4.57	1.50	0.940	5.66	0.811	1.85	1.85	3.71	2.52	4.75	6.06			
Tag	4.+	14.	14.+	3.	16.	1.+	7.	1.+	24.	18.	23.	25.	23.	28.			
h <sub>N</sub>	mm																
h <sub>A</sub>	mm	2	3	6	14	6	4	10	3	3	4	4	11	12			
		1922/2003		1923/2004												80 Jahre	
Jahr	1953	1953	1954	1954+	1954	1960	1966	1934	1930+	1950	1961	1947	1953	1953			
NQ	0.030	0.020	0.030	0.070	0.140	0.040	0.030	0.030	0.010	0.000	0.000	0.030	0.030	0.020			
MNQ	0.579	0.628	0.796	1.01	1.05	0.808	0.546	0.424	0.367	0.287	0.349	0.367	0.562	0.598			
MQ	1.33	1.60	2.14	2.43	3.12	2.37	1.53	1.54	1.12	0.827	0.765	0.970	1.30	1.54			
MHQ	4.13	4.98	6.56	7.02	9.50	7.37	6.35	9.17	6.37	5.10	2.97	3.59	3.96	4.94			
HQ	29.4	32.1	32.0	34.4	56.0	60.9	75.4	123	124	139	26.7	34.4	29.4	32.1			
Jahr	2002	1974	1953	1923	1942	1980	1941	1953	1954	1924	1924	1974	2002	1974			
Mh <sub>N</sub>	mm																
Mh <sub>A</sub>	mm	12	14	19	21	28	21	14	13	10	7	7	9	11	14		
		Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s							
		2004				2004				2004							
		Jahr	Datum	Winter	Sommer	Jahr	Datum			Unter	Abfluss-	Kalender	1923/2004	80			
										schreitungs-	jahr (*)	jahr	Oberer	Mittlere	Untere		
										dauer	2004	2004	Hüllwerte	Werte	Hüllwerte		
										in Tagen							
										(365)	4.93	5.48					
										364	4.22	5.48	82.6	17.2	1.69		
										363	4.05	5.11	71.0	14.5	1.26		
										362	4.05	4.93	29.8	12.5	1.18		
										361	4.05	4.39	26.0	11.3	1.18		
										360	3.20	4.22	23.7	10.5	1.18		
										359	3.03	4.22	23.3	9.83	1.18		
										358	2.69	4.22	21.4	9.36	1.18		
										357	2.69	3.88	20.6	8.83	1.09		
										356	2.69	3.54	18.9	8.35	1.09		
										355	2.23	2.69	15.7	6.63	1.00		
										340	1.31	2.23	10.9	4.97	0.820		
										330	1.07	1.73	9.00	3.98	0.780		
										320	1.01	1.40	8.17	3.36	0.660		
										300	0.811	1.07	6.87	2.51	0.580		
										270	0.686	0.811	5.44	1.74	0.570		
										240	0.562	0.686	4.78	1.27	0.450		
										210	0.500	0.562	3.97	0.950	0.380		
										183	0.438	0.500	3.06	0.760	0.270		
										150	0.380	0.438	2.61	0.610	0.240		
										130	0.328	0.380	2.47	0.520	0.200		
										120	0.328	0.380	2.34	0.490	0.180		
										110	0.328	0.380	2.22	0.460	0.140		
										100	0.328	0.328	2.11	0.420	0.130		
										90	0.328	0.328	2.11	0.390	0.110		
										80	0.328	0.328	2.00	0.370	0.090		
										70	0.328	0.328	1.90	0.350	0.070		
										60	0.328	0.328	1.80	0.320	0.070		
										50	0.282	0.328	1.80	0.290	0.060		
										40	0.282	0.282	1.70	0.280	0.050		
										30	0.282	0.282	1.60	0.240	0.050		
										25	0.282	0.282	1.40	0			

A<sub>Eo</sub> : 293 km<sup>2</sup>

PNP: NN + 202.15 m

Lage: 62.8 km oberhalb Mündung rechts



Pegel : Gössnitz

Nr. 577510

Gewässer : Pleiße

Gebiet : Weiße Elster

m<sup>3</sup>/s

Tag	2003		2004														
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
1.	0.810	0.560	0.510	1.97	0.890	0.970	0.740	2.81	0.560	0.560	0.560	0.680	0.680	1.36			
2.	0.740	0.510	0.510	2.63	1.16	0.970	1.16	1.16	0.620	0.510	0.740	0.680	0.680	1.26			
3.	0.740	0.510	0.560	7.85	1.06	1.06	0.970	0.970	0.740	0.510	0.740	0.680	0.680	1.16			
4.	0.890	0.510	0.810	3.35	0.970	0.970	0.810	1.16	1.16	0.510	0.740	0.680	0.620	1.06			
5.	0.740	0.510	0.680	1.97	1.06	0.970	1.58	1.58	1.06	0.510	0.740	0.560	0.620	1.06			
6.	0.680	0.510	3.17	1.58	1.16	0.970	1.97	1.06	0.890	0.510	0.740	0.560	0.810	0.970			
7.	0.680	0.460	1.36	1.26	0.970	1.06	4.07	0.970	0.810	0.510	0.740	0.890	1.06	0.970			
8.	0.680	0.460	0.890	1.26	0.890	1.47	2.12	0.890	1.58	0.510	0.680	0.620	0.970	0.970			
9.	0.890	0.460	1.16	1.16	0.890	1.16	1.36	0.970	3.89	0.510	0.680	0.620	1.26	0.970			
10.	0.890	0.460	1.70	1.06	1.06	0.810	1.70	0.890	0.890	0.510	0.680	0.620	1.70	0.970			
11.	0.560	0.510	1.47	1.58	0.970	0.890	6.41	0.890	0.740	0.510	0.680	0.620	1.16	0.890			
12.	0.460	0.560	2.28	1.36	0.970	0.810	2.63	1.47	0.810	0.510	1.83	0.560	1.06	0.890			
13.	0.460	0.680	3.35	1.47	1.06	0.810	1.83	1.06	0.810	0.620	0.810	0.560	1.47	0.890			
14.	0.460	1.16	2.45	1.70	1.36	0.810	1.58	0.890	0.680	0.510	0.740	0.560	1.06	0.890			
15.	0.510	0.890	1.97	1.83	1.70	0.810	1.47	0.680	0.680	0.510	0.740	0.620	0.890	0.810			
16.	0.510	0.890	1.58	1.83	1.70	0.810	1.70	0.740	0.620	0.510	0.740	0.620	0.970	0.890			
17.	0.890	0.890	1.36	1.47	1.58	0.740	1.36	0.890	0.620	0.510	0.740	0.560	1.26	1.26			
18.	0.680	0.620	1.06	1.36	1.36	0.740	1.06	1.26	0.740	0.510	0.680	0.620	1.97	1.97			
19.	0.460	0.620	0.890	1.26	1.16	1.06	0.970	1.16	0.680	0.510	0.680	0.560	8.75	1.47			
20.	0.460	0.560	0.970	1.16	1.47	0.810	0.810	0.890	0.890	0.620	0.680	0.620	4.97	1.26			
21.	0.510	0.680	R 0.890	1.06	1.36	0.810	0.970	0.740	0.890	0.560	0.680	0.890	3.35	1.26			
22.	0.510	0.620	R 0.810	1.06	1.26	1.06	0.970	0.740	5.69	0.560	0.680	0.510	3.71	1.26			
23.	0.460	0.560	R 0.810	1.06	1.16	1.58	1.26	0.680	1.70	0.560	1.26	0.510	7.13	1.16			
24.	0.510	0.740	T 0.740	1.16	1.36	1.36	1.06	0.740	1.26	0.680	0.810	0.460	4.79	1.36			
25.	0.510	0.510	R 0.740	1.47	1.26	1.16	0.970	0.680	0.970	0.560	0.970	0.510	3.17	1.47			
26.	0.510	0.560	R 0.680	1.26	1.26	0.810	0.970	0.680	0.890	0.560	0.810	0.620	2.63	1.97			
27.	0.560	0.620	R 0.680	1.06	1.26	1.06	0.890	0.620	0.890	0.620	0.680	1.26	2.45	2.63			
28.	0.740	0.620	R 0.620	0.890	1.06	0.810	0.890	0.620	0.740	0.620	0.680	0.620	2.28	2.63			
29.	1.16	0.680	R 0.620	0.810	1.06	0.810	0.970	0.560	0.680	0.620	0.740	0.560	1.97	1.97			
30.	0.620	0.740	R 0.620	0.970	0.970	0.810	0.970	0.510	0.680	0.740	0.740	1.36	1.47	1.58			
31.	0.510	0.510	0.740	0.970	0.970	0.890	0.890	0.890	0.620	0.680	0.680	1.06	1.06	1.83			
Tag	12.+	7.+	1.+	29.	1.+	17.+	1.	30.	1.	2.+	1.	24.	4.+	15.			
NQ	0.460	0.460	0.510	0.810	0.890	0.740	0.740	0.510	0.560	0.510	0.560	0.460	0.620	0.810			
MQ	0.636	0.618	1.18	1.69	1.17	0.966	1.52	0.971	1.11	0.552	0.780	0.673	2.19	1.33			
HQ	1.58	1.58	6.23	11.0	2.28	2.63	10.8	7.13	23.2	1.70	5.87	5.51	11.4	3.71			
Tag	6.+	14.+	6.	3.	20.	8.	11.	1.	8.	30.	12.	30.	19.	26.			
h <sub>N</sub>	mm																
h <sub>A</sub>	mm	6	6	11	14	11	9	14	9	10	5	7	6	19			
		1923/2003		1924/2004												77 Jahre	
Jahr		1949	1949	1950	1950	1950	1950	1950	1949	1948+	1949	1949	1949	1949			
NQ	m <sup>3</sup> /s	0.000	0.000	0.040	0.010	0.100	0.030	0.080	0.010	0.000	0.000	0.000	0.000	0.000			
MNQ	m <sup>3</sup> /s	0.979	0.951	1.03	1.17	1.25	1.16	0.989	0.858	0.812	0.752	0.765	0.810	0.973			
MQ	m <sup>3</sup> /s	1.57	1.74	2.03	2.34	2.75	2.08	1.70	1.58	1.30	1.23	1.37	1.58	1.75			
MHQ	m <sup>3</sup> /s	6.01	7.60	10.1	10.9	13.9	9.48	10.5	15.2	12.8	12.4	7.37	6.08	6.17			
HQ	m <sup>3</sup> /s	45.4	43.9	79.5	55.8	77.4	50.5	88.9	107.0	120.0	102.0	66.5	47.2	45.4			
Jahr		1941	1974	1932	1940	1942	1980	1941	1961	1954	2002	1995	1974	1941			
Mh <sub>N</sub>	mm			19	20	25	18	16	15	14	12	11	13	14			
Mh <sub>A</sub>	mm	14	16											16			
		Abflussjahr (*)				Kalenderjahr				Unterschnittene Abflüsse m <sup>3</sup> /s							
		2004				2004				2004							
		Jahr	Datum	Winter	Sommer	Jahr	Datum			Abfluss-jahr (*)	Kalender-jahr	1924/2004	77 Kalenderjahre				
										2004	2004	Oberer Hüllwerte	Mittlere Werte	Untere Hüllwerte			
										(365)	7.85	8.75	82.0	19.1			
										364	6.41	7.85	81.5	14.4			
										363	5.69	7.13	82.0	14.4			
										362	4.07	6.41	54.4	12.3			
										361	3.89	5.69	38.5	10.7			
										360	3.89	4.97	28.4	9.10			
										359	3.89	4.79	27.2	8.40			
										358	3.17	4.07	26.5	7.69			
										357	2.81	3.89	22.8	7.25			
										356	2.81	3.71	21.0	6.80			
										355	2.12	2.81	15.9	5.08			
										340	1.83	2.12	11.0	3.81			
										330	1.70	1.97	9.60	3.15			
										320	1.58	1.83	8.82	2.71			
										300	1.36	1.58	7.16	2.22			
										270	1.16	1.36	5.53	1.83			
										240	1.06	1.16	4.64	1.58			
										210	0.970	1.06	3.97	1.38			
										183	0.890	1.06	3.64	1.25			
										150	0.810	0.890	3.01	1.11			
										130	0.740	0.890	2.70	1.01			
										120	0.740	0.810	2.55	0.980			
										110	0.740	0.810	2.55	0.950			
										100	0.680	0.810	2.40	0.900			
										90	0.680	0.740	2.25	0.890			
										80	0.680	0.740	2.11	0.840			
										70	0.620	0.740	1.97	0.800			
										60	0.620	0.680	1.97	0.780			
										50	0.620	0.680	1.84	0.710			
										40	0.560	0.620	1.74	0.670			
										30	0.560	0.620	1.74	0.590			
										25	0.560	0.620	1.74	0.560			
										20	0.560	0.560	1.48	0.500			
										15	0.560	0.560	1.48	0.460			
										10	0.510	0.560	1.48	0.310			
										9	0.510	0.560	1.48	0.270			
										8	0.510	0.560	1.48	0.230			
										7	0.510	0.560	1.48	0.200			
										6	0.510	0.560	1.48	0.190			
										5	0.510	0.560	1.48	0.150			
										4	0.510	0.560	1.48	0.090			