

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

PNP: NHH+410.50 m

Lage: 357.0 km oberhalb Mündung mittig



m<sup>3</sup>/s

Pegel : Blankenstein-Rosenthal Nr. 570210

Gewässer : Saale

Gebiet : Obere Saale

Tag	2009		2010													
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
1.	K 4.90	K 13.8	K 39.2	R 3.70	K 99.1	K 19.6	K 4.90	K 18.3	K 3.30	K 3.70	K 37.2	K 19.0	K 7.61	K 18.5		
2.	K 5.70	K 15.0	K 30.2	R 3.70	K 67.5	K 16.9	K 5.30	K 19.6	K 3.10	K 8.25	K 27.9	K 16.3	K 7.20	K 16.8		
3.	K 26.5	K 11.6	K 23.1	R 3.70	K 44.5	K 14.4	K 5.70	K 20.3	K 2.90	K 20.3	K 23.8	K 14.4	K 7.20	K 16.2		
4.	K 24.6	K 9.64	K 19.0	R 3.50	K 33.5	K 13.3	K 5.70	K 19.6	K 2.70	K 25.8	K 20.3	K 12.2	K 7.20	K 14.0		
5.	K 27.9	K 8.70	K 16.9	R 3.50	K 26.5	K 12.2	K 5.30	K 14.4	K 3.30	K 13.8	K 17.6	K 11.1	K 7.20	K 14.5		
6.	K 19.6	K 8.25	K 15.0	R 3.30	K 23.1	K 11.1	K 5.70	K 10.6	K 5.30	K 23.8	K 15.0	K 10.1	K 8.06	K 15.1		
7.	K 13.8	K 10.1	K 13.3	R 3.30	K 19.0	K 10.1	K 6.90	K 9.64	K 3.50	K 52.3	K 13.8	K 9.64	K 15.1	K 14.0		
8.	K 11.1	K 10.6	K 10.6	R 3.30	K 16.9	K 9.64	K 5.70	K 8.70	K 3.10	K 39.2	K 11.6	K 8.70	K 24.9	K 18.5		
9.	K 13.8	K 12.2	K 9.15	R 3.10	K 14.4	K 8.25	K 5.30	K 8.25	K 2.90	K 22.4	K 11.6	K 8.70	K 19.0	K 37.7		
10.	K 16.3	K 10.6	K 9.64	R 3.10	K 11.6	K 7.80	K 6.10	K 10.1	K 2.70	K 16.9	K 10.6	K 8.25	K 13.5	K 31.4		
11.	K 12.2	K 24.6	K 9.64	R 3.10	K 11.6	K 8.25	K 6.50	K 7.35	K 2.51	K 12.2	K 9.64	K 8.25	K 12.9	K 26.8		
12.	K 10.6	K 23.8	K 8.70	R 3.10	K 10.6	K 10.6	K 10.6	K 6.10	K 2.51	K 32.7	K 8.70	K 8.25	K 26.8	K 28.7		
13.	K 9.64	K 17.6	K 7.35	R 3.10	K 9.64	K 12.7	K 11.1	K 5.70	K 2.90	K 57.0	K 9.64	K 8.25	K 38.4	K 26.2		
14.	K 8.25	K 14.4	K 8.25	R 3.10	K 9.15	K 11.1	K 7.35	K 5.70	K 2.70	K 48.9	K 9.64	K 8.25	K 29.4	K 23.7		
15.	K 7.80	K 12.7	K 7.35	R 3.10	K 9.64	K 10.1	K 9.15	K 5.70	K 3.10	K 33.5	K 10.1	K 7.80	K 23.7	K 21.9		
16.	K 7.35	K 11.1	K 6.50	R 3.10	K 13.3	K 9.15	K 7.80	K 5.30	K 2.70	K 25.1	K 10.1	K 9.64	K 58.4	K 20.2		
17.	K 9.64	K 10.1	K 6.50	R 3.10	K 16.3	K 8.70	K 6.50	K 4.90	K 3.10	K 28.7	K 8.25	K 12.7	K 66.2	K 19.6		
18.	K 8.70	K 8.25	K 8.70	R 3.10	K 17.6	K 8.25	K 6.10	K 7.35	K 3.50	K 44.5	K 7.80	K 11.1	K 47.7	K 19.0		
19.	K 7.35	K 7.80	K 8.25	R 3.10	K 19.6	K 7.80	K 6.90	K 11.1	K 2.90	K 33.5	K 6.90	K 9.64	K 42.2	K 17.3		
20.	K 6.50	K 7.35	K 8.25	R 3.10	K 23.8	K 7.80	K 8.70	K 6.10	K 2.51	K 23.8	K 6.50	K 10.6	K 33.4	K 17.3		
21.	K 6.10	K 7.35	K 7.35	R 3.10	K 35.3	K 7.35	K 8.25	K 5.30	K 2.36	K 18.3	K 5.70	K 11.6	K 28.7	K 16.2		
22.	K 4.90	K 7.35	K 6.50	R 3.50	K 40.2	K 7.35	K 6.90	K 4.50	K 2.21	K 15.0	K 5.30	K 10.1	K 29.4	K 16.8		
23.	K 5.30	K 12.2	K 5.70	R 6.10	K 31.0	K 6.90	K 6.10	K 4.20	K 3.70	K 16.9	K 4.90	K 9.64	K 32.0	K 17.3		
24.	K 16.3	K 13.3	K 4.50	K 25.8	K 25.8	K 6.50	K 5.30	K 3.95	K 27.2	K 16.3	K 4.90	K 10.6	K 28.1	K 16.8		
25.	K 14.4	K 16.3	K 4.50	K 39.2	K 23.1	K 6.10	K 6.10	K 3.70	K 19.0	K 13.8	K 8.70	K 10.1	K 26.2	K 16.2		
26.	K 12.2	K 21.7	R 4.50	K 66.3	K 22.4	K 5.70	K 5.70	K 4.90	K 8.70	K 11.1	K 15.6	K 9.15	K 24.9	K 12.9		
27.	K 10.1	K 15.0	T 4.20	K 93.3	K 29.4	K 5.70	K 7.80	K 3.70	K 6.50	K 22.4	K 11.1	K 8.25	K 23.7	R 15.1		
28.	K 9.15	K 13.3	T 4.20	K 79.2	K 26.5	K 5.30	K 6.90	K 3.50	K 4.50	K 35.3	K 26.5	K 7.80	K 21.4	R 14.0		
29.	K 7.80	K 11.6	T 4.20		K 25.1	K 4.90	K 8.25	K 3.30	K 6.10	K 24.6	K 35.3	K 7.35	K 20.8	R 9.85		
30.	K 6.90	K 17.6	R 4.20		K 25.1	K 4.90	K 8.25	K 3.30	K 6.90	K 32.7	K 25.8	K 7.80	K 19.6	R 12.9		
31.	K 6.50	K 37.2	R 4.20		K 23.1		K 17.6		K 4.50	K 46.7		K 7.80		R 12.4		
Tag	1.+	20.+	27.+	9.+	14.	29.+	1.	29.+	22.	1.	23.+	29.	2.+	29.		
NQ	4.90	7.35	4.20	3.10	9.15	4.90	4.90	3.30	2.21	3.70	4.90	7.35	7.20	9.85		
MQ	11.5	13.6	10.3	13.6	25.9	9.28	7.40	8.17	4.93	26.4	14.0	10.1	25.0	18.6		
HQ	32.7	39.2	42.3	99.1	103	21.0	21.7	23.1	35.3	88.6	44.5	21.7	77.6	39.9		
Tag	3.	31.	1.	27.	1.	1.	12.	1.	24.	12.	1.	1.	16.	9.		
h <sub>N</sub>	mm															
h <sub>A</sub>	mm	29	36	27	32	68	24	20	21	13	70	36	27	64		
		1963/2009		1964/2010										47 Jahre		
Jahr		1983	1991	1973	1964	1976	1974	1998	1976	1976	1964	1964	1983	1991		
NQ	m <sup>3</sup> /s	0.960	1.30	1.35	1.88	2.04	2.09	1.70	0.718	0.593	0.590	0.590	0.960	1.30		
MNQ	m <sup>3</sup> /s	4.86	5.88	6.63	7.67	8.45	8.09	4.28	3.65	3.13	2.99	3.45	4.97	6.03		
MQ	m <sup>3</sup> /s	10.6	16.6	17.8	16.8	22.6	15.7	8.82	7.35	5.92	5.84	7.50	10.9	16.9		
MHQ	m <sup>3</sup> /s	34.2	59.6	65.5	59.8	69.6	40.7	27.7	27.2	23.2	20.8	25.0	34.6	60.2		
HQ	m <sup>3</sup> /s	192	180	251	210	192	177	172	134	128	123	123	192	180		
HQ <sub>1</sub>	m <sup>3</sup> /s	1998	1993	1982	2005	2006	1988	1978	1965	1996	1970	1998	1998	1993		
Mh <sub>N</sub>	mm			47	40	60	40	23	19	16	15	20	28	45		
Mh <sub>A</sub>	mm	27	44	47	40	60	40	23	19	16	15	20	28	45		
		Abflussjahr (*)				Kalenderjahr				Unterschiedene Abflüsse m <sup>3</sup> /s						
		2010		Winter		Sommer		2010		Abflussjahr (*)		Kalenderjahr		1964/2010 47 Kalenderjahre		
		Jahr	Datum				Jahr	Datum			Obere	Mittlere	Untere			
											Hüllwerte	Werte	Hüllwerte			
NQ	m <sup>3</sup> /s	2.21	am 22.07.2010	3.10	2.21		2.21	am 22.07.2010			99.1	99.1	222	109	20.9	
MQ	m <sup>3</sup> /s	13.0		14.1	11.9		14.5				93.3	93.3	219	91.7	19.8	
HQ	m <sup>3</sup> /s	103	am 01.03.2010	103	88.6		103	am 01.03.2010			79.2	79.2	158	80.4	17.1	
Nq	l/(skm <sup>2</sup> )	2.18		3.06	2.18		2.18				67.5	67.5	158	72.2	15.9	
Mq	l/(skm <sup>2</sup> )	12.8		13.9	11.7		14.3				66.3	66.3	130	67.5	14.3	
Hq	l/(skm <sup>2</sup> )	102		102	87.5		102				66.3	66.3	130	67.5	14.3	
h <sub>N</sub>	mm										57.0	66.2	117	61.7	13.3	
h <sub>A</sub>	mm	405		218	187		451				52.3	58.4	117	57.9	13.2	
		1964/2010 (*) 47 Jahre				1964/2010										
NQ	m <sup>3</sup> /s	0.306	am 10.07.1976	0.960	0.306		0.306	am 10.07.1976			365	365	365	365	365	
MNQ	m <sup>3</sup> /s	1.96		3.42	2.14		2.10				362	362	362	362	362	
MQ	m <sup>3</sup> /s	11.8		16.7	6.90		11.8				361	361	361	361	361	
MHQ	m <sup>3</sup> /s	123		117	52.2		122				360	360	360	360	360	
HQ	m <sup>3</sup> /s	251	am 05.01.1982	251	172		251	am 05.01.1982			359	359	359	359	359	
HQ <sub>1</sub>	m <sup>3</sup> /s										358	358	358	358	358	
HQ <sub>5</sub>	m <sup>3</sup> /s										357	357	357	357	357	
MNq	l/(skm <sup>2</sup> )	1.93		3.38	2.11		2.07				356	356	356	356	356	
Mq	l/(skm <sup>2</sup> )	11.6		16.5	6.81		11.6				350	350	350	350	350	
MHq	l/(skm <sup>2</sup> )	121		115	51.5		120				340	340	340	340	340	
Mh <sub>N</sub>	mm										330	330	330	330	330	
Mh <sub>A</sub>	mm	367		258	108		367				320	320	320	320	320	
		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		0.306	0.302	10.07.1976	251	248		05.01.1982								
2		0.590	0.582	30.09.1964+	212	209		23.01.1995								
3		0.960	0.948	16.09.1991	210	207		13.02.2005								
4		0.960	0.948	15.11.1983	197	194		06.02.1980								
5		0.960	0.948	18.09.1973	192	190		27.03.2006								
6		1.09	1.08	16.10.1979	192	190		01.11.1998								
7		1.22	1.20	08.06.1975	182	180		07.02.1984								
8		1.22	1.20	09.09.1974+	180	178		22.12.1993								
9		1.30	1.28	08.12.1991	177	175		01.04.1988								
10		1.35	1.33	22.10.1985+	172	170		08.05.1978								

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Die Durchflußwerte beinhalten nicht die Umluft durch die 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  
 37 Tage Randeis, 3 Tage Treibeis/Eisgang, 386 Tage Verkrattung

A<sub>Eo</sub> : 1665 km<sup>2</sup>

PNP: NN + 230.07 m

Lage: 281.0 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Kaulsdorf

Gewässer : Saale

Gebiet : Obere Saale

Nr. 570250

	Tag	2009		2010																
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez					
Tageswerte	1.	K 5.52	K 17.5	K 30.0	25.6	12.9	K 35.4	K 6.02	K 19.4	K 5.52	K 14.0	K 49.8	K 25.1	K 5.75	K 30.0					
	2.	K 5.75	K 19.8	K 30.0	28.1	21.3	K 30.5	K 6.29	K 25.1	K 5.75	K 13.6	K 45.3	K 39.0	K 5.75	K 33.5					
	3.	K 6.29	K 24.2	K 30.0	30.0	30.0	K 30.5	K 6.02	K 25.1	K 13.3	K 14.0	K 39.9	K 44.4	K 5.52	K 39.9					
	4.	K 6.29	K 27.6	K 29.5	30.0	29.5	K 30.5	K 5.75	K 24.6	K 13.6	K 14.0	K 39.9	K 44.4	K 5.75	K 39.9					
	5.	K 6.56	K 29.5	29.1	30.0	29.5	K 31.0	K 5.75	K 24.6	K 13.6	K 19.8	K 39.0	K 44.4	K 6.85	K 39.9					
	6.	K 6.56	K 29.1	28.6	30.0	30.0	K 23.7	K 5.75	K 25.1	K 10.0	K 30.5	K 39.9	K 38.1	K 10.0	K 32.5					
	7.	K 6.29	K 12.2	29.5	30.0	29.1	K 7.43	K 8.04	K 25.1	K 5.52	K 30.0	K 39.0	K 49.8	K 10.0	K 11.8					
	8.	K 6.29	K 10.0	30.0	30.0	29.5	K 6.02	K 5.52	K 11.8	K 5.52	K 29.5	K 39.9	K 48.0	K 12.9	K 12.2					
	9.	K 6.56	K 10.0	30.0	26.6	29.1	K 6.02	K 5.75	K 9.68	K 5.52	K 30.0	K 39.9	K 41.7	K 16.2	K 29.1					
	10.	K 6.29	K 10.4	30.0	21.7	28.6	K 6.02	K 6.29	K 11.4	K 5.52	K 29.1	K 36.3	K 30.0	K 29.1	K 59.7					
	11.	K 6.02	K 15.3	30.0	24.6	28.1	K 6.02	K 6.29	K 13.6	K 5.52	K 29.1	K 34.5	K 11.8	K 29.1	K 59.7					
	12.	K 5.75	K 25.1	30.0	30.5	26.1	K 5.75	K 7.14	K 14.0	K 5.75	K 29.1	K 34.5	K 10.4	K 32.0	K 59.7					
	13.	K 6.02	K 25.1	30.0	30.0	20.3	K 6.02	K 6.85	K 13.3	K 5.75	K 31.5	K 34.5	K 7.14	K 35.4	K 58.8					
	14.	K 6.02	K 28.1	30.0	30.5	18.9	K 6.02	K 6.56	K 13.6	K 5.75	K 37.2	K 34.5	K 7.14	K 35.4	K 61.5					
	15.	K 6.02	K 30.0	27.6	30.0	18.4	K 6.02	K 6.56	K 13.3	K 5.75	K 37.2	K 34.5	K 10.7	K 39.9	K 64.2					
	16.	K 6.02	K 30.0	25.1	21.7	16.2	K 6.02	K 6.29	K 14.0	K 5.75	K 37.2	K 35.4	K 16.6	K 46.2	K 64.2					
	17.	K 6.02	K 30.0	25.1	14.9	10.7	K 6.02	K 9.68	K 13.3	K 5.52	K 40.8	K 33.0	K 16.6	K 45.3	K 70.5					
	18.	K 6.02	K 30.0	25.1	14.9	9.68	K 6.02	K 14.4	K 13.6	K 5.52	K 44.4	K 31.5	K 16.6	K 45.3	K 82.9					
	19.	K 6.02	K 30.0	25.1	15.3	9.68	K 5.75	K 14.9	K 13.3	K 5.52	K 32.0	K 31.5	K 12.9	K 47.1	K 81.9					
	20.	K 6.02	K 30.0	25.1	11.4	9.68	K 6.02	K 14.4	K 13.6	K 5.52	K 21.3	K 31.5	K 6.85	K 54.3	K 81.9					
	21.	K 6.02	K 30.0	22.2	10.0	9.34	K 6.02	K 11.8	K 13.6	K 5.52	K 59.7	K 31.5	K 9.01	K 55.2	K 83.8					
	22.	K 6.02	K 30.0	17.1	10.0	12.5	K 6.02	K 7.73	K 13.6	K 5.33	K 59.7	K 31.5	K 13.6	K 55.2	K 82.9					
	23.	K 7.43	K 30.0	14.9	10.0	21.7	K 6.02	K 7.73	K 13.6	K 5.52	K 60.6	K 31.5	K 16.6	K 45.3	K 80.0					
	24.	K 14.0	K 30.0	10.0	11.8	10.0	K 5.75	K 7.43	K 13.6	K 5.52	K 60.6	K 31.5	K 16.6	K 45.3	K 76.2					
	25.	K 19.8	K 30.0	14.9	10.0	18.0	K 5.75	K 8.68	K 13.6	K 5.52	K 60.6	K 32.0	K 15.7	K 31.0	K 76.2					
	26.	K 19.8	K 30.0	15.3	10.4	33.5	K 5.75	K 9.68	K 13.6	K 6.85	K 60.6	K 32.0	K 14.9	K 30.5	K 74.3					
	27.	K 18.9	K 30.0	14.9	10.7	40.8	K 6.02	K 10.7	K 13.6	K 8.36	K 59.7	K 32.0	K 12.9	K 30.5	K 74.3					
	28.	K 17.1	K 30.0	14.9	10.4	40.8	K 6.02	K 11.8	K 12.2	K 8.04	K 59.7	K 31.5	K 6.02	K 31.0	K 68.7					
	29.	K 17.1	K 30.0	18.9		41.7	K 6.02	K 10.7	K 10.0	K 8.04	K 59.7	K 36.3	K 7.43	K 30.5	K 57.9					
	30.	K 17.1	K 30.0	25.1		40.8	K 7.14	K 10.0	K 6.85	K 12.5	K 59.7	K 48.0	K 9.34	K 30.5	K 38.1					
	31.		K 30.0	25.1		41.7			K 12.5		K 14.0	K 55.2		K 8.68	K 26.1					
Hauptwerte	Tag	1.	8.+	23.+	21.+	21.	12.+	8.	30.	22.	2.	18.+	28.	3.	7.					
	NQ	5.52	10.0	14.9	10.0	9.34	5.75	5.52	6.85	5.33	13.6	31.5	6.02	5.52	11.8					
	MQ	8.85	25.6	24.8	21.0	24.2	10.9	8.48	15.4	7.28	39.4	36.1	21.0	29.6	56.5					
	HQ	20.8	33.5	42.6	31.0	43.5	42.6	18.0	26.6	15.7	62.4	51.6	50.7	57.0	87.6					
	Tag	24.	14.	4.	2.+	26.+	1.	7.	2.+	30.	21.	1.+	7.+	21.+	23.					
	h <sub>N</sub>	mm																		
	h <sub>A</sub>	mm	14	41	40	31	39	17	14	24	12	63	56	34	46	91				
			1954/2009		1955/2010												56 Jahre			
	Jahr		1964	1982	1965	1965	1977	1977+	1977+	1977	1979	1977	1984	1982	1964	1982				
	NQ	m <sup>3</sup> /s	0.380	0.000	0.500	0.440	0.000	0.000	0.000	1.10	1.98	0.700	1.10	1.43	0.380	0.000				
	MNQ	m <sup>3</sup> /s	7.80	7.76	8.69	9.81	8.99	8.03	6.67	7.31	7.28	7.09	7.81	7.44	7.67	7.74				
	MQ	m <sup>3</sup> /s	15.4	19.7	22.2	21.8	23.0	21.1	13.3	13.6	11.8	11.9	12.1	13.5	15.6	20.4				
MHQ	m <sup>3</sup> /s	32.7	42.5	46.6	44.0	46.8	45.3	33.2	31.2	25.1	23.4	26.2	31.3	33.4	43.4					
HQ	m <sup>3</sup> /s	125	141	138	117	121	152	110	91.0	120	85.0	75.1	141	125	141					
Jahr		1998	1974	1982+	1980	1987	1988	1970	1965	1958	1970	1970	1970	1998	1974					
Mh <sub>N</sub>	mm																			
Mh <sub>A</sub>	mm	24	32	36	32	37	33	21	21	19	19	19	22	24	33					
Hauptwerte	Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s											
	2010				2010				56 Kalenderjahre											
	Jahr		Datum		Winter		Sommer		Jahr		Datum		Abflussjahr (*)		Kalenderjahr		1955/2010		56 Kalenderjahre	
					Obere Hüllwerte		Mittlere Werte		Untere Hüllwerte											
	NQ	m <sup>3</sup> /s	5.33	am 22.07.2010	5.52	5.33	5.33	am 22.07.2010	(365)	60.7	83.8	147	105	19.0						
	MQ	m <sup>3</sup> /s	20.3		19.3	21.2	24.6		364	60.7	83.8	147	94.3	17.0						
	HQ	m <sup>3</sup> /s	62.4	am 21.08.2010	43.5	62.4	87.6	am 23.12.2010	363	60.7	83.8	131	88.6	16.0						
	Nq	l/(skm <sup>2</sup> )	3.20		3.32	3.20	3.20		361	60.7	82.9	130	83.2	14.2						
	Mq	l/(skm <sup>2</sup> )	12.2		11.6	12.7	14.8		360	60.6	82.9	128	79.5	13.8						
	Hq	l/(skm <sup>2</sup> )	37.5		26.1	37.5	52.6		359	60.6	80.0	128	75.5	13.8						
	h <sub>N</sub>	mm							358	60.6	80.0	120	70.7	13.8						
	h <sub>A</sub>	mm	384		181	202	466		357	60.6	80.0	115	67.5	13.7						
		1955/2010 (*)		56 Jahre		1955/2010														
NQ	m <sup>3</sup> /s	0.000	am 14.04.1994	0.000	0.000	0.000	am 14.04.1994	356	60.6	76.2	115	63.1	13.7							
MNQ	m <sup>3</sup> /s	3.53		4.19	4.91	3.52		350	49.8	61.5	110	51.1	11.1							
MQ	m <sup>3</sup> /s	16.6		20.5	12.7	16.7		340	41.7	60.6	81.7	40.6	9.28							
MHQ	m <sup>3</sup> /s	83.7		75.7	50.4	86.1		330	39.9	54.3	77.3	32.9	8.48							
HQ	m <sup>3</sup> /s	152	am 06.04.1988	152	141	152	am 06.04.1988	320	35.4	45.3	69.0	30.8	7.70							
HQ <sub>1</sub>	m <sup>3</sup> /s							300	31.0	39.9	50.5	25.7	7.70							
HQ <sub>5</sub>	m <sup>3</sup> /s							270	30.5	32.0	35.0	19.0	7.46							
MNq	l/(skm <sup>2</sup> )	2.12		2.52	2.95	2.11		240	29.1	30.5	30.5	15.3	7.21							
Mq	l/(skm <sup>2</sup> )	9.97		12.3	7.63	10.0		210	22.2	29.1	29.1	13.2	6.97							
MHq	l/(skm <sup>2</sup> )	50.3		45.5	30.3	51.7		183	15.7	22.2	22.2	11.5	5.82							
Mh <sub>N</sub>	mm							150	14.0	14.4	18.5	9.91	5.60							
Mh <sub>A</sub>	mm	314		193	121	316		130	12.2	14.0	17.5	8.87	5.54							
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		14.04.1994	152	91.3	06.04.1988	9	5.75	5.75	9.91	3.70	0.040							
	2	0.000		11.04.1984+	141	84.7	16.12.1974	8	5.75	5.75	9.91	3.52	0.040							
	3	0.000		01.04.1984+	141	84.7	01.10.1970	7	5.75	5.75	9.91	3.00	0.040							
	4	0.000		17.12.1982+	138	82.9	12.01.2003	6	5.75	5.75	9.40	2.53	0.040							
	5	0.000		01.04.1977+	138	82.9	11.01.1982+	5	5.75	5.75	9.00	1.88	0.040							
	6	0.000		16.03.1977+	130	78.1	29.12.1966	4	5.75	5.75	9.00	1.53	0.040							
	7	0.230	0.138	08.04.1972	128	76.9	29.12.1993	3	5.75	5.75	8.00	1.32	0.040							
	8	0.230	0.138	14.04.1964+	125	75.1	03.11.1998	2	5.75	5.75	8.00	0.560	0.040							
9	0.330	0.198	04.05.1973+	121	72.7	06.03.1987	1	5.75	5.75	8.00	0.040	0.040								
10	0.380	0.228	20.11.1964+	120	72.1	07.07.1958	0	5.33	5.33	7.44	0.000	0.000								

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

Beeinflussung durch TS-Steuerung  
340 Tage Verkrautung

A<sub>Eo</sub> : 2678 km<sup>2</sup>

PNP: NHN+ 190.16 m

Lage: 258.0 km oberhalb Mündung rechts



m<sup>3</sup>/s

Pegel : Rudolstadt

Gewässer : Saale

Gebiet : Obere Saale

Nr. 570270

	Tag	2009		2010														
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
Tageswerte	1.	K 11.1	K 39.2	K 56.9	K 29.1	K 56.9	K 62.9	K 14.1	K 28.4	K 9.20	K 21.0	K 82.5	K 42.4	K 12.8	K 46.2			
	2.	K 11.1	K 40.8	K 55.9	K 31.2	K 58.9	K 53.2	K 14.1	K 37.6	K 8.80	K 21.6	K 76.2	K 55.0	K 12.4	K 48.7			
	3.	K 15.1	K 43.3	K 53.2	K 34.4	K 65.1	K 49.6	K 14.6	K 39.2	K 14.1	K 22.2	K 66.2	K 56.9	K 12.4	K 53.8			
	4.	K 15.6	K 46.0	K 52.3	K 34.4	K 57.9	K 48.7	K 16.8	K 38.4	K 16.2	K 22.8	K 62.9	K 57.9	K 12.4	K 53.8			
	5.	K 18.0	K 46.9	K 49.6	K 34.4	K 53.2	K 46.9	K 14.6	K 37.6	K 16.8	K 24.9	K 58.9	K 56.9	K 12.4	K 52.1			
	6.	K 18.0	K 46.0	K 46.9	K 33.6	K 50.5	K 39.2	K 13.1	K 36.0	K 15.6	K 46.0	K 56.9	K 50.5	K 17.4	K 50.4			
	7.	K 18.0	K 29.8	K 46.0	K 33.6	K 46.0	K 21.0	K 18.0	K 35.2	K 9.20	K 54.1	K 55.0	K 59.9	K 20.9	K 28.6			
	8.	K 17.4	K 25.6	K 44.2	K 33.6	K 44.2	K 17.4	K 13.6	K 23.5	K 8.80	K 48.7	K 54.1	K 59.9	K 23.7	K 26.5			
	9.	K 19.2	K 24.9	K 42.4	K 30.5	K 43.3	K 17.4	K 14.1	K 18.6	K 8.40	K 46.0	K 54.1	K 53.2	K 27.9	K 39.1			
	10.	K 19.8	K 24.9	K 41.6	K 25.6	K 41.6	K 15.6	K 15.1	K 19.2	K 8.00	K 42.4	K 51.4	K 42.4	K 39.1	K 66.9			
	11.	K 18.6	K 36.0	K 40.8	K 25.6	K 40.8	K 16.8	K 14.6	K 21.0	K 8.00	K 40.8	K 48.7	K 21.6	K 40.6	K 68.9			
	12.	K 17.4	K 46.9	K 40.0	K 33.6	K 38.4	K 18.0	K 21.6	K 21.0	K 8.00	K 46.0	K 47.8	K 19.2	K 47.9	K 72.9			
	13.	K 16.8	K 45.1	K 38.4	K 33.6	K 32.0	K 18.6	K 20.4	K 21.0	K 10.1	K 50.5	K 47.8	K 14.1	K 62.1	K 74.0			
	14.	K 16.8	K 46.9	K 39.2	K 32.8	K 29.1	K 17.4	K 18.0	K 20.4	K 8.40	K 55.0	K 47.8	K 14.1	K 71.9	K 74.0			
	15.	K 15.6	K 47.8	K 36.0	K 33.6	K 29.1	K 16.8	K 18.6	K 20.4	K 8.40	K 55.0	K 47.8	K 15.1	K 74.0	K 78.2			
	16.	K 15.6	K 45.1	K 31.2	K 27.0	K 29.8	K 15.6	K 18.0	K 19.8	K 8.00	K 55.9	K 46.9	K 23.5	K 124	K 78.2			
	17.	K 16.2	K 42.4	K 32.0	K 18.0	K 23.5	K 15.6	K 18.0	K 19.2	K 8.00	K 59.9	K 45.1	K 24.9	K 135	K 81.4			
	18.	K 16.8	K 41.6	K 32.0	K 19.2	K 19.2	K 15.1	K 22.2	K 19.2	K 8.00	K 64.0	K 40.8	K 23.5	K 113	K 95.2			
	19.	K 15.1	K 39.2	K 32.0	K 18.6	K 20.4	K 14.6	K 23.5	K 19.2	K 8.00	K 60.9	K 40.0	K 22.2	K 96.4	K 94.0			
	20.	K 15.1	K 38.4	K 31.2	K 16.8	K 24.2	K 14.1	K 24.9	K 19.2	K 7.60	K 33.6	K 40.0	K 14.6	K 91.6	K 92.8			
	21.	K 14.6	K 39.2	K 29.1	K 14.1	K 32.8	K 13.6	K 22.8	K 18.6	K 7.60	K 71.7	K 39.2	K 15.6	K 87.0	K 94.0			
	22.	K 14.6	K 40.8	K 23.5	K 14.1	K 45.1	K 14.1	K 18.0	K 18.6	K 8.00	K 75.0	K 39.2	K 19.8	K 84.8	K 92.8			
	23.	K 15.6	K 46.0	K 21.0	K 15.6	K 55.9	K 13.6	K 17.4	K 18.6	K 13.6	K 75.0	K 40.0	K 22.8	K 76.1	K 91.6			
	24.	K 29.8	K 43.3	K 21.0	K 22.8	K 44.2	K 12.6	K 17.4	K 18.0	K 36.0	K 71.9	K 39.2	K 24.2	K 59.3	K 85.9			
	25.	K 36.0	K 48.9	K 20.4	K 30.5	K 42.4	K 12.6	K 17.4	K 18.0	K 21.0	K 71.7	K 41.6	K 23.5	K 55.6	K 84.8			
	26.	K 36.0	K 49.6	K 20.4	K 42.4	K 57.9	K 12.1	K 18.6	K 19.2	K 16.8	K 71.7	K 43.3	K 21.6	K 53.0	K 84.8			
	27.	K 36.0	K 50.5	K 18.6	K 55.0	K 66.2	K 16.2	K 19.8	K 18.0	K 22.2	K 78.6	K 42.4	K 21.6	K 51.2	K 84.8			
	28.	K 35.2	K 49.6	K 20.4	K 51.4	K 62.9	K 14.6	K 20.4	K 17.4	K 18.0	K 81.2	K 48.7	K 14.1	K 49.5	K 82.5			
	29.	K 35.2	K 47.8	K 22.8		K 64.0	K 14.1	K 19.8	K 15.1	K 19.2	K 78.6	K 53.2	K 13.6	K 47.9	K 72.9			
	30.	K 31.2	K 48.7	K 29.1		K 64.0	K 15.6	K 18.6	K 12.1	K 20.4	K 83.8	K 65.1	K 16.8	K 47.1	K 57.4			
	31.		K 53.2	K 29.1		K 67.3		K 22.8		K 21.6	K 89.2		K 16.2		K 43.0			
Hauptwerte	Tag	1.+	9.+	27.	21.+	18.	25.+	6.	30.	20.+	1.	21.+	29.	2.+	8.			
	NQ	11.1	24.9	18.6	14.1	19.2	12.1	13.1	12.1	7.60	21.0	39.2	13.6	12.4	26.5			
	MQ	20.4	42.3	35.4	29.5	45.4	22.4	18.1	22.9	13.0	55.5	50.8	30.2	55.3	69.4			
	HQ	38.4	55.0	56.9	57.9	70.6	67.3	28.4	40.8	50.5	94.8	90.6	65.1	142	97.6			
	Tag	25.	31.	1.+	27.	2.	1.	12.	4.	24.	31.	1.	1.	16.	17.+			
	h <sub>N</sub>	mm																
	h <sub>A</sub>	mm	20	42	35	27	45	22	18	22	13	56	49	30	54	69		
			1942/2009		1943/2010												64 Jahre	
	Jahr		1967	1997	1963	1954	1972	1963	1998	1947	1947	2003	1999	2003	1967	1997		
	NQ	m <sup>3</sup> /s	4.04	6.40	5.20	5.14	6.84	6.88	5.70	3.20	5.40	4.90	4.90	5.40	4.04	6.40		
MNQ	m <sup>3</sup> /s	13.3	15.4	16.3	19.2	20.6	18.6	12.7	11.6	10.7	10.4	11.2	11.2	13.1	15.4			
MQ	m <sup>3</sup> /s	22.7	31.5	35.1	35.4	39.3	35.8	21.4	21.1	17.7	17.0	17.1	18.9	23.2	32.3			
MHQ	m <sup>3</sup> /s	42.1	62.2	72.8	69.3	75.3	69.2	42.9	43.8	36.7	33.3	33.9	38.7	43.9	63.8			
HQ	m <sup>3</sup> /s	224	175	275	315	179	363	137	121	217	174	114	164	224	175			
Mh <sub>N</sub>	mm	1998	1993	2003	1946	2002	1994	1969	1965	1958	1981	2007	1998	1998	1993			
Mh <sub>A</sub>	mm	22	32	35	32	39	35	21	20	18	17	17	19	22	32			
Hauptwerte	Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s									
	2010				2010				1943/2010									
	Jahr				Datum				1943/2010									
	Winter				Sommer				64 Kalenderjahre									
	Jahr				Datum				Obere Hüllwerte									
	Mittlere Werte				Untere Hüllwerte													
	NQ	m <sup>3</sup> /s	7.60	am 20.07.2010	11.1	7.60	7.60	am 20.07.2010	(365)	89.2	135	309	155	30.3				
	MQ	m <sup>3</sup> /s	32.2		32.7	31.7	37.4		364	83.8	124	235	139	26.7				
	HQ	m <sup>3</sup> /s	94.8	am 31.08.2010	70.6	94.8	142	am 16.11.2010	363	86.5	113	220	129	25.1				
	Nq	l/(skm <sup>2</sup> )	2.84		4.14	2.84	2.84		361	81.2	96.4	197	122	22.2				
Mq	l/(skm <sup>2</sup> )	12.0		12.2	11.8	14.0		360	81.2	95.2	192	115	22.2					
Hq	l/(skm <sup>2</sup> )	35.4		26.4	35.4	53.0		359	81.2	95.2	181	110	22.2					
h <sub>N</sub>	mm							358	76.2	95.2	171	104	20.7					
h <sub>A</sub>	mm	379		191	188	440		357	75.0	94.0	167	99.0	20.7					
		1943/2010 (*) 66 Jahre				1943/2010												
NQ	m <sup>3</sup> /s	3.20	am 28.06.1947	4.04	3.20	3.20	am 28.06.1947	356	73.9	94.0	165	94.2	20.7					
MNQ	m <sup>3</sup> /s	7.45		10.3	7.88	7.46		350	67.3	85.9	139	74.0	18.7					
MQ	m <sup>3</sup> /s	26.0		33.2	19.0	26.1		340	60.9	81.2	127	61.9	18.5					
MHQ	m <sup>3</sup> /s	130		121	68.9	135		330	57.9	73.9	112	53.8	17.4					
HQ	m <sup>3</sup> /s	363	am 13.04.1994	363	212	363	am 13.04.1994	320	55.9	66.9	89.1	47.6	16.7					
HQ <sub>1</sub>	m <sup>3</sup> /s							300	50.5	58.3	69.5	39.2	15.9					
HQ <sub>5</sub>	m <sup>3</sup> /s							270	46.0	52.1	57.9	30.4	14.1					
MNq	l/(skm <sup>2</sup> )	2.78		3.85	2.94	2.79		240	40.8	46.0	46.0	24.3	13.0					
Mq	l/(skm <sup>2</sup> )	9.71		12.4	7.09	9.75		210	34.4	40.0	40.0	20.6	11.6					
MHq	l/(skm <sup>2</sup> )	48.5		45.2	25.7	50.4		183	28.4	32.8	33.5	18.1	9.60					
Mh <sub>N</sub>	mm							150	22.2	23.7	27.7	16.0	8.80					
Mh <sub>A</sub>	mm	306		194	113	307		130	20.4	21.6	25.6	14.7	8.00					
Extremwerte	Niedrigwasser				Hochwasser													
	m <sup>3</sup> /s				l/(skm <sup>2</sup> )													
	Datum				cm													
	1	3.20	1.19	28.06.1947	363	136	118	13.04.1994	15	10.1	10.1	17.9	7.66	5.70				
	2	4.04	1.51	25.11.1967+	315	118	103	09.02.1946	10	8.80	8.80	17.7	7.24	5.40				
	3	4.90	1.83	27.08.2003+	275	103	103	03.01.2003	9	8.40	8.40	16.7	7.24	5.40				
	4	4.90	1.83	16.09.1999+	229	85.5	85.5	27.02.2002	8	8.40	8.40	16.1	6.82	5.40				
	5	5.14	1.92	21.02.1954	224	83.6	83.6	01.11.1998	6	8.40	8.40	16.1	6.82	5.40				
	6	5.20	1.94	15.01.1963	221	82.5	82.5	02.04.1988	5	8.40	8.40	15.1	6.41	5.00				
7	5.40	2.02	08.06.1998+	212	79.2	79.2	06.01.1982	4	8.40	8.40	15.1	6.40	5.00					
8	5.40	2.02	23.07.1947+	212	79.2	79.2	07.07.1958	2	8.40	8.40	14.5	6.04	4.30					
9	5.40	2.02	09.08.1946	205	76.5	76.5	28.01.2002	1	8.00	8.00	14.5	5.72	4.40					
10	5.51	2.06	30.09.1997	184	68.7	68.7	06.01.1994	0	7.60	7.60	14.2	3.20	3.20					

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. Ausfalljahr: KJ 1944-1945, 1951-1952; AJ 1945, 1952; Beeinflussung durch TS-Steuerung 426 Tage Verkrautung

A<sub>Eo</sub> : 3977 km<sup>2</sup>

PNP: NN + 118.61 m

Lage: 187.0 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Camburg-Stöben

Nr. 570330

Gewässer : Saale

Gebiet : Obere Saale

Tag	2009		2010											
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	K 13.1	K 44.7	K 73.2	K 37.3	K 73.8	K 73.8	K 17.5	K 41.3	K 14.5	K 27.1	K 95.5	K 60.7	K 14.9	K 58.4
2.	K 13.4	K 51.6	K 72.7	K 37.3	K 76.7	K 63.5	K 15.8	K 53.3	K 13.4	K 28.2	K 90.3	K 57.3	K 12.3	K 57.8
3.	K 20.8	K 51.6	K 69.2	K 42.5	K 80.6	K 58.4	K 16.9	K 56.7	K 13.7	K 35.0	K 80.6	K 61.8	K 12.8	K 63.5
4.	K 24.8	K 52.1	K 67.0	K 43.0	K 75.5	K 56.1	K 18.0	K 53.9	K 20.2	K 41.9	K 74.9	K 62.4	K 12.8	K 63.5
5.	K 26.5	K 56.1	K 64.1	K 42.5	K 69.8	K 53.9	K 19.7	K 51.0	K 26.5	K 32.8	K 71.5	K 61.8	K 12.8	K 63.5
6.	K 23.6	K 55.6	K 61.3	K 42.5	K 63.5	K 52.1	K 15.3	K 48.2	K 26.5	K 44.7	K 67.5	K 57.8	K 13.9	K 61.8
7.	K 23.6	K 49.9	K 59.0	K 41.9	K 60.7	K 36.2	K 21.4	K 47.0	K 19.1	K 66.4	K 64.1	K 60.1	K 19.7	K 47.6
8.	K 21.4	K 35.6	K 56.7	K 41.9	K 56.7	K 24.2	K 19.1	K 43.0	K 13.4	K 61.8	K 61.8	K 62.4	K 25.4	K 35.0
9.	K 22.5	K 35.0	K 55.6	K 40.7	K 54.4	K 22.5	K 18.9	K 28.8	K 12.8	K 56.1	K 61.3	K 59.6	K 28.2	K 39.0
10.	K 25.9	K 33.3	K 53.9	K 35.6	K 51.6	K 20.8	K 19.1	K 26.5	K 12.6	K 52.7	K 60.1	K 53.3	K 32.2	K 68.1
11.	K 23.6	K 48.7	K 52.7	K 30.5	K 51.0	K 21.4	K 19.7	K 28.2	K 12.6	K 49.3	K 55.0	K 36.2	K 41.3	K 80.6
12.	K 22.5	K 60.1	K 51.0	K 36.8	K 49.3	K 22.5	K 29.3	K 28.2	K 12.3	K 54.4	K 53.3	K 22.5	K 43.6	K 103
13.	K 21.4	K 60.7	K 49.9	K 40.7	K 45.3	K 24.8	K 29.3	K 28.2	K 17.5	K 66.4	K 51.6	K 20.2	K 55.6	K 102
14.	K 20.8	K 58.4	K 48.7	K 40.2	K 38.5	K 22.5	K 26.5	K 27.1	K 13.4	K 66.4	K 52.7	K 16.9	K 71.0	K 94.3
15.	K 19.7	K 60.7	K 48.2	K 40.2	K 37.9	K 22.5	K 25.9	K 27.1	K 12.8	K 64.7	K 52.7	K 16.4	K 73.8	K 96.0
16.	K 19.1	K 59.0	K 42.5	K 40.2	K 38.5	K 20.8	K 25.4	K 25.4	K 12.3	K 68.1	K 52.1	K 23.6	K 114	K 95.5
17.	K 19.7	K 55.6	K 40.7	K 26.5	K 36.2	K 19.1	K 24.2	K 24.8	K 12.3	K 70.4	K 51.0	K 31.1	K 152	K 94.9
18.	K 22.5	K 52.7	K 43.6	K 24.2	K 27.6	K 18.6	K 26.5	K 24.2	K 12.3	K 81.8	K 45.3	K 28.2	K 139	K 105
19.	K 19.7	K 49.9	K 44.7	K 25.4	K 26.5	K 18.0	K 29.9	K 24.2	K 12.0	K 78.9	K 43.6	K 27.6	K 121	K 107
20.	K 18.0	K 48.2	K 44.2	K 25.9	K 27.6	K 18.0	K 37.3	K 24.2	K 12.0	K 52.1	K 42.5	K 21.9	K 107	K 106
21.	K 17.5	K 48.7	K 43.6	K 20.2	K 33.3	K 16.9	K 35.6	K 23.6	K 11.8	K 67.5	K 41.3	K 17.5	K 102	K 107
22.	K 18.0	K 48.7	K 37.9	K 18.6	K 47.0	K 16.9	K 29.3	K 23.1	K 11.8	K 77.8	K 41.3	K 19.1	K 99.5	K 105
23.	K 17.5	K 56.7	K 31.6	K 23.1	K 59.0	K 16.9	K 25.9	K 23.6	K 14.9	K 90.3	K 40.7	K 23.6	K 103	K 106
24.	K 24.8	K 56.1	K 29.3	K 38.5	K 59.0	K 15.3	K 25.4	K 23.1	K 49.3	K 84.6	K 40.7	K 24.8	K 96.3	K 101
25.	K 40.2	K 57.8	K 28.8	K 51.0	K 45.9	K 14.5	K 25.9	K 23.1	K 36.2	K 80.6	K 41.9	K 24.8	K 77.2	K 99.5
26.	K 42.5	K 65.8	K 28.2	K 65.8	K 57.8	K 14.2	K 25.4	K 24.2	K 25.4	K 77.8	K 48.7	K 23.1	K 72.7	K 97.7
27.	K 41.3	K 64.7	K 24.2	K 78.9	K 71.5	K 16.9	K 27.1	K 23.6	K 27.6	K 80.6	K 48.2	K 22.5	K 67.5	K 96.6
28.	K 41.9	K 63.5	K 27.6	K 76.7	K 71.0	K 17.5	K 28.8	K 22.5	K 25.9	K 91.5	K 68.1	K 18.6	K 64.1	K 97.7
29.	K 41.9	K 61.3	K 28.8		K 69.8	K 16.9	K 28.8	K 20.2	K 26.5	K 86.9	K 65.3	K 13.7	K 61.8	K 90.3
30.	K 40.7	K 62.4	K 35.0		K 72.7	K 16.4	K 26.5	K 18.6	K 29.3	K 88.6	K 70.4	K 14.9	K 60.1	K 77.2
31.		K 69.2	K 37.3		K 73.2			K 31.1		K 28.8	K 101		K 15.8	K 61.8

Tag	1.	10.	27.	22.	19.	26.	6.	30.	21.+	1.	23.+	29.	2.	8.		
NQ	13.1	33.3	24.2	18.6	26.5	14.2	15.3	18.6	11.8	27.1	40.7	13.7	12.3	35.0		
MQ	25.0	54.0	46.8	39.6	54.9	27.7	24.6	31.2	19.0	65.4	57.8	34.2	63.2	83.3		
HQ	44.2	73.2	74.4	81.8	83.5	74.9	39.6	59.0	68.1	105	104	72.7	159	110		
Tag	25.	31.	1.	27.	3.	1.	20.	2.	24.	31.	1.	1.	17.	12.		
h <sub>N</sub>	mm															
h <sub>A</sub>	mm	16	36	32	24	37	18	17	20	13	44	38	23	41	56	
1931/2009			1932/2010												79 Jahre	
Jahr	1947	1947	1964	1963	1949	1949	1949	1934	1934	1949	1947	1949	1947	1947		
NQ	6.50	6.08	6.84	8.00	8.18	9.10	8.60	6.60	5.40	6.50	5.55	6.08	6.50	6.08		
MNQ	18.4	19.5	21.2	24.3	26.9	24.1	17.5	16.0	14.9	13.9	14.4	14.5	18.3	19.8		
MQ	28.9	35.8	39.9	40.3	46.9	43.1	28.0	26.6	22.7	21.4	21.3	22.8	29.4	36.8		
MHQ	50.2	65.6	76.6	71.5	82.5	76.4	52.6	54.0	45.5	39.0	42.4	45.8	51.8	66.5		
HQ	259	299	227	273	193	282	235	274	283	173	183	163	259	299		
Jahr	1940	1939	2003	1946	2002	1994	1941	1941	1958	1981	2007	1998	1940	1939		
Mh <sub>N</sub>	mm															
Mh <sub>A</sub>	mm	19	24	27	25	32	28	19	17	15	14	14	15	25		

Hauptwerte	Abflussjahr (*)				Kalenderjahr		Dauertabelle	Unterschr. Abflüsse m <sup>3</sup> /s					
	2010		2010		2010			Abflussjahr (*) 2010	Kalenderjahr 2010	1932/2010			
	Jahr	Datum	Winter	Sommer	Jahr	Datum				Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte	
NQ m <sup>3</sup> /s	11.8	am 21.07.2010	13.1	11.8	11.8	am 21.07.2010	(365)	101	152	291	166	29.8	
MQ m <sup>3</sup> /s	40.1		41.5	38.6	45.7		364	95.5	136	276	152	29.8	
HQ m <sup>3</sup> /s	105	am 31.08.2010	83.5	105	159	am 17.11.2010	363	362	91.5	121	276	143	29.8
Nq l/(skm <sup>2</sup> )	2.97		3.29	2.97	2.97		361	360	91.5	114	276	135	25.4
Mq l/(skm <sup>2</sup> )	10.1		10.4	9.71	11.5		359	358	88.6	114	218	122	25.2
Hq l/(skm <sup>2</sup> )	26.4		21.0	26.4	40.0		358	357	86.9	114	191	117	25.2
h <sub>N</sub> mm							357	356	84.6	107	181	111	24.6
h <sub>A</sub> mm	318		163	154	362		356	350	81.8	107	175	107	24.6
1932/2010 (*) 79 Jahre			1932/2010		1932/2010		350	340	80.6	103	164	86.6	23.6
NQ m <sup>3</sup> /s	5.40	am 08.07.1934	6.08	5.40	5.40	am 08.07.1934	340	330	73.8	96.0	139	71.6	22.8
MNQ m <sup>3</sup> /s	10.8		14.2	11.3	10.9		330	320	69.8	84.6	128	62.3	22.7
MQ m <sup>3</sup> /s	31.4		39.2	23.8	31.5		320	270	66.4	78.9	113	55.6	22.7
MHQ m <sup>3</sup> /s	138		127	83.8	141		300	240	61.3	71.0	93.8	45.7	19.6
HQ m <sup>3</sup> /s	299	am 03.12.1939	299	274	299	am 03.12.1939	270	210	55.0	62.4	78.4	36.4	17.2
HQ <sub>1</sub> m <sup>3</sup> /s							240	183	49.9	55.0	70.4	30.0	16.0
HQ <sub>5</sub> m <sup>3</sup> /s							210	150	43.0	47.6	64.1	25.8	14.3
MNq l/(skm <sup>2</sup> )	2.72		3.57	2.84	2.74		183	150	37.9	41.9	59.2	23.0	13.0
Mq l/(skm <sup>2</sup> )	7.90		9.86	5.98	7.92		150	130	28.8	31.6	51.6	20.3	10.8
MHq l/(skm <sup>2</sup> )	34.7		31.9	21.1	35.5		130	120	27.1	28.8	47.1	18.7	9.70
Mh <sub>N</sub> mm							120	110	26.5	27.6	43.7	18.1	9.70
Mh <sub>A</sub> mm	249		154	95	250		110	100	25.4	26.5	42.0	17.4	9.70
Niedrigwasser			Hochwasser				100	90	24.8	25.9	39.8	16.8	9.90
m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum	90	80	23.6	24.8	38.7	16.2	9.10
5.40	1.36	08.07.1934	299	75.2		03.12.1939	80	70	23.1	23.6	36.1	15.4	9.10
5.55	1.40	16.09.1947	292	70.9		14.04.1994	70	60	21.4	23.1	34.0	14.9	8.85
3	1.46	14.07.1935+	274	68.9		01.06.1941	60	50	20.2	20.2	33.0	14.1	8.50
4	1.53	23.09.1949+	273	68.6		10.02.1946	50	40	19.1	19.1	31.0	13.5	8.50
5	1.63	07.08.1949	258	64.9		06.11.1940	40	30	18.0	17.5	29.5	12.7	8.20
6	1.66	10.09.1933	248	62.4		30.11.1939	30	25	17.5	16.4	28.1	12.0	7.80
7	1.72	12.01.1964	236	59.3		08.07.1958+	25	20	15.8	15.3	27.7	11.6	7.80
8	1.76	16.08.1998+	235	59.1		31.05.1941	20	15	14.9	13.9	25.7	11.2	7.50
9	1.81	01.06.1963+	227	57.1									

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

PNP: NHH+395.61 m

Lage: 11.7 km oberhalb Mündung rechts



Pegel : Möschlitz

Nr. 571700

Gewässer : Wisenta

Gebiet : Obere Saale

m<sup>3</sup>/s

Table with columns for Tag, 2009 (Nov, Dez), and 2010 (Jan to Dez). Rows 1-31 show daily discharge values in m³/s.

Summary table with columns for Tag, NQ, MQ, HQ, Tag, hN, hA, and rows for 1924/2009, 1925/2010, and 84 Jahre.

Main data table with columns for Abflussjahr (\*), Kalenderjahr, and Dauertabelle. Rows include NQ, MQ, HQ, Nq, Mq, Hq, hN, hA, and various flow metrics.

Extremwerte table with columns for Niedrigwasser and Hochwasser. Rows 1-10 show extreme low and high water discharge values.

(\* ) Abflussjahr: 1.11. des Vorjahres bis 31.10. Ausfalljahre: KJ 1933-1934; AJ 1934; Der Pegel Möschlitz ersetzt seit 1955 den Pegel Grochwitz. Für die langjährige Statistik erfolgte keine Umrechnung des Abflusses. Nur das HHQ vom 15.08.1924 wurde mit Faktor 0,975 auf Pegel Möschlitz = 97,5 cbm/s umgerechnet. Beeinflusst durch TS-Steuerung. 58 Tage Randeis, 3 Tage Verkrautung

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	2009		2010																	
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez						
1.	1.81	10.3	11.0	R 1.42	23.5	6.15	2.07	K 5.72	K 1.03	K 2.97	K 10.1	K 5.93	K 1.81	6.15						
2.	2.07	11.2	11.2	R 1.42	19.6	5.52	2.21	K 6.37	K 0.900	K 3.29	K 9.59	K 5.12	K 1.68	5.93						
3.	4.14	10.3	10.3	R 1.42	15.7	5.12	2.21	K 7.29	K 0.900	K 4.33	K 8.44	K 4.52	K 1.68	5.52						
4.	4.72	9.13	9.13	R 1.42	12.9	4.92	2.07	K 6.83	K 0.900	K 4.33	K 7.06	K 4.14	K 1.68	5.12						
5.	5.93	7.75	7.98	R 1.42	10.7	4.52	2.07	K 6.15	K 1.03	K 3.95	K 5.93	K 3.95	K 1.68	4.72						
6.	6.15	6.83	7.06	R 1.42	9.36	4.14	2.07	K 5.52	K 1.16	K 8.90	K 5.12	K 3.45	K 2.07	4.72						
7.	5.72	6.15	5.93	R 1.42	7.98	3.61	2.35	K 5.12	K 1.03	K 12.9	K 4.52	K 3.29	K 3.13	4.33						
8.	5.32	5.72	5.32	1.42	6.83	3.45	2.07	K 4.52	K 0.770	K 10.3	K 4.14	K 2.97	K 3.95	4.52						
9.	5.93	5.12	4.92	1.42	6.15	3.29	2.07	K 4.14	K 0.670	K 8.44	K 3.95	K 2.65	K 3.78	5.12						
10.	5.72	4.92	4.52	R 1.42	R 5.32	3.13	2.21	K 3.78	K 0.570	K 6.60	K 3.61	K 2.50	K 3.78	4.72						
11.	5.32	8.21	4.14	R 1.29	R 4.92	3.61	2.65	K 3.29	K 0.570	K 5.52	K 3.13	K 2.50	K 3.78	5.12						
12.	4.92	8.67	3.78	R 1.29	4.52	4.14	5.72	K 3.13	K 0.670	K 8.67	K 2.81	K 2.35	K 7.06	6.37						
13.	4.52	8.90	R 3.45	R 1.29	4.14	3.95	4.52	K 2.81	K 1.16	K 9.59	K 2.81	K 2.21	K 10.7	6.60						
14.	4.14	8.21	R 3.45	R 1.29	3.95	3.78	4.33	K 2.65	K 0.770	K 9.36	K 2.65	K 2.07	K 13.3	6.60						
15.	3.95	7.29	R 3.13	R 1.29	3.78	3.95	4.72	K 2.50	K 0.770	K 8.67	K 2.65	K 2.07	K 13.6	6.37						
16.	3.78	6.60	R 2.97	R 1.29	3.95	3.95	4.14	K 2.21	K 0.670	K 7.75	K 2.50	K 2.35	K 32.3	6.15						
17.	3.95	5.72	R 2.97	R 1.29	4.14	3.78	3.95	K 2.07	K 0.570	K 7.75	K 2.50	K 2.65	K 39.1	6.15						
18.	3.78	5.12	2.97	R 1.29	4.14	3.78	3.78	K 1.94	K 0.670	K 7.52	K 2.35	K 2.21	K 29.6	5.72						
19.	3.45	4.33	2.97	R 1.29	4.52	3.78	4.14	K 1.81	K 0.570	K 6.83	K 2.21	K 2.07	K 21.4	5.52						
20.	3.29	R 3.78	2.81	R 1.29	5.72	3.61	5.12	K 1.68	K 0.470	K 5.93	K 1.94	K 2.21	K 17.2	5.52						
21.	3.13	R 3.78	2.65	R 1.29	10.3	3.45	4.92	K 1.68	K 0.470	K 5.32	K 1.94	K 2.07	K 14.5	4.92						
22.	3.13	R 4.92	2.35	1.55	14.3	3.29	4.92	K 1.55	K 0.570	K 4.92	K 3.29	K 2.07	K 13.1	4.92						
23.	3.45	5.72	2.35	2.07	13.3	3.13	4.72	K 1.42	K 3.78	K 5.12	K 3.29	K 2.07	K 11.7	5.32						
24.	8.67	5.12	2.21	4.92	11.9	2.97	4.33	K 1.42	K 13.1	K 4.72	K 3.29	K 2.21	K 10.7	5.32						
25.	7.75	7.06	2.07	9.36	10.3	2.81	4.14	K 1.81	K 6.60	K 4.14	K 2.65	K 2.07	K 9.82	5.52						
26.	7.52	9.13	R 1.81	17.0	9.82	2.65	3.78	K 2.07	K 4.72	K 3.61	K 3.29	K 1.94	K 9.13	5.12						
27.	6.60	9.36	R 1.42	23.1	9.36	2.50	3.78	K 1.55	K 4.72	K 5.12	K 2.97	K 1.81	K 8.21	R 4.92						
28.	5.93	8.90	R 1.42	21.1	8.21	2.35	3.61	K 1.42	K 3.78	K 5.93	K 6.15	K 1.81	K 7.29	R 4.72						
29.	5.52	7.98	R 1.42	7.98	2.21	3.45	K 1.29	K 4.14	K 5.32	K 7.29	K 1.81	K 1.81	K 7.06	R 4.33						
30.	4.92	7.98	R 1.42	7.29	2.21	3.45	K 1.16	K 3.95	K 6.37	K 6.60	K 1.81	K 1.81	K 6.37	R 4.33						
31.	4.92	9.36	R 1.42	6.83	4.92	4.92	4.92	K 3.29	K 9.13	4.92	K 1.81	K 1.81	K 1.81	R 4.33						
Tag	1.81	20.+	27.+	11.+	15.	29.+	1.+	30.	20.+	1.	20.+	27.+	2.+	7.+						
NQ	1.81	3.78	1.42	1.29	3.78	2.21	2.07	1.16	0.470	2.97	1.94	1.81	1.68	4.33						
MQ	4.84	7.21	4.21	3.84	8.76	3.66	3.56	3.16	2.10	6.56	4.29	2.67	10.4	5.31						
HQ	11.2	11.9	11.4	23.5	24.1	6.37	10.3	7.52	19.6	14.5	10.5	6.15	41.5	6.83						
HQ Tag	24.	1.	2.	27.	1.	1.	12.	2.+	23.	7.	1.	1.	16.+	15.						
h <sub>N</sub>	mm																			
h <sub>A</sub>	mm	35	53	31	26	65	26	26	23	16	48	31	20	74	39					
1922/2009			1923/2010										86 Jahre							
Jahr	1988	1948	1963	1963	1996	1933	1933	1948	1959	1943	2003	1959	1988	1948						
NQ	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	1.55	1.94	2.10	2.32	2.85	2.95	1.62	1.18	0.917	0.804	0.775	0.897	1.54	1.95						
MQ	3.50	5.10	5.49	5.53	6.87	6.09	3.22	2.73	2.19	1.73	1.70	2.18	3.58	5.04						
MHQ	9.54	14.7	18.0	15.4	18.6	15.0	8.07	8.92	8.05	5.63	5.56	6.77	10.0	14.6						
HQ	54.4	60.5	89.4	71.3	73.2	129	40.9	68.8	60.4	25.6	37.6	35.7	54.4	60.5						
HQ 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	37	51	44	24	20	16	13	12	16	26	37					
Abflussjahr (*)			Kalenderjahr				Unter schreitungs dauer in Tagen		Unterschr. Abflüsse m <sup>3</sup> /s											
2010			2010				2010		1923/2010 86 Kalenderjahre											
Jahr			Datum		Winter		Sommer		Jahr		Datum		Abflussjahr (*)		Kalenderjahr		1923/2010		86 Kalenderjahre	
					Obere Hüllwerte		Mittlere Werte		Untere Hüllwerte											
NQ	m <sup>3</sup> /s	0.470	am 20.07.2010	1.29	0.470	0.470	am 20.07.2010	(365)	23.5	39.1	95.8	33.5	9.03							
MQ	m <sup>3</sup> /s	4.58		5.46	3.72	4.88		364	23.1	32.3	62.4	29.4	7.39							
HQ	m <sup>3</sup> /s	24.1	am 01.03.2010	24.1	19.6	41.5	am 16.11.2010	363	21.1	29.6	51.2	25.0	7.39							
Nq	l/(skm <sup>2</sup> )	1.30		3.56	1.30	1.30		361	19.6	23.5	45.7	23.0	6.62							
Mq	l/(skm <sup>2</sup> )	12.6		15.1	10.3	13.5		360	17.0	23.1	38.4	21.3	6.62							
Hq	l/(skm <sup>2</sup> )	66.5		66.5	54.1	115		359	15.7	21.4	36.8	19.8	6.00							
h <sub>N</sub>	mm							358	14.3	21.1	33.5	18.8	5.72							
h <sub>A</sub>	mm	399		236	163	425		357	13.3	19.6	33.5	17.8	5.72							
1923/2010 (*) 87 Jahre			1923/2010						Dauertabelle											
NQ	m <sup>3</sup> /s	0.080	am 25.01.1963	0.080	0.080	0.080	am 25.01.1963	350	11.0	13.6	29.2	13.6	4.92							
MNQ	m <sup>3</sup> /s	0.467		0.987	0.538	0.500		340	9.82	11.0	26.9	10.6	4.16							
MQ	m <sup>3</sup> /s	3.84		5.43	2.28	3.85		330	9.36	9.82	20.9	8.70	3.12							
MHQ	m <sup>3</sup> /s	35.9		34.1	17.2	36.8		320	8.67	8.90	18.1	7.60	2.46							
HQ	m <sup>3</sup> /s	129	am 13.04.1994	129	68.8	129	am 13.04.1994	300	7.29	7.06	13.3	6.01	2.10							
HQ <sub>1</sub>	m <sup>3</sup> /s							270	5.93	5.93	10.7	4.56	1.78							
HQ <sub>5</sub>	m <sup>3</sup> /s							240	5.12	5.12	8.83	3.57	1.43							
MNq	l/(skm <sup>2</sup> )	1.29		2.72	1.48	1.38		210	4.33	4.52	7.32	2.81	1.17							
Mq	l/(skm <sup>2</sup> )	10.6		15.0	6.29	10.6		183	3.95	3.95	6.50	2.26	0.940							
MHQ	l/(skm <sup>2</sup> )	99.1		94.1	47.5	102		150	3.45	3.45	5.73	1.80	0.670							
Mh <sub>N</sub>	mm							130	3.13	2.97	5.12	1.57	0.570							
Mh <sub>A</sub>	mm	334		234	100	335		120	2.81	2.81	4.92	1.47	0.560							
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	9	0.770	0.770	2.08	0.390	0.130								
2	0.080	0.221	25.10.1959+	89.4	247	03.01.2003	8	0.770	0.770	1.94	0.380	0.120								
3	0.090	0.248	22.08.1943	77.0	213	06.01.1982	7	0.770	0.770	1.94	0.380	0.120								
4	0.110	0.304	09.07.1934+	73.2	202	31.03.1962	6	0.670	0.670	1.94	0.320	0.120								
5	0.120	0.331	10.08.1925	71.3	197															

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

PNP: NHH+415.28 m

Lage: 36.0 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Katzhütte

Gewässer : Schwarza

Gebiet : Obere Saale

Nr. 572110

	Tag	2009		2010																
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez					
<b>Tageswerte</b>	1.	1.29	6.29	9.97	R 0.628	11.6	11.3	1.05	1.57	0.534	0.790	5.31	1.29	0.978	2.34					
	2.	1.29	5.69	8.43	R 0.628	10.2	7.98	1.13	1.67	0.534	0.849	4.55	1.29	0.978	2.34					
	3.	1.67	5.11	7.33	R 0.628	8.20	7.12	1.13	1.57	0.492	0.978	4.37	1.29	0.978	2.10					
	4.	2.46	4.74	6.50	R 0.628	7.12	6.29	0.978	1.47	0.534	0.790	3.83	1.21	1.05	1.99					
	5.	2.59	4.18	5.69	R 0.628	5.50	5.69	0.912	1.38	0.534	0.679	3.48	1.29	1.05	2.10					
	6.	2.59	4.74	5.11	R 0.628	4.93	4.01	0.978	1.38	0.534	1.13	2.72	1.29	1.29	1.88					
	7.	2.72	5.31	4.55	R 0.628	4.18	2.72	1.05	1.29	0.492	0.978	2.22	1.21	1.77	1.77					
	8.	2.46	6.09	4.18	R 0.628	R 3.31	2.46	0.912	1.21	0.492	0.849	2.34	1.21	1.67	1.88					
	9.	3.16	6.29	3.48	R 0.628	R 3.16	2.22	0.912	1.05	0.453	0.849	2.72	1.13	1.57	1.99					
	10.	3.16	7.12	3.16	R 0.628	R 3.01	2.10	0.912	0.978	0.453	0.912	2.10	1.05	1.67	1.77					
	11.	2.72	9.17	2.86	G 0.579	2.86	2.10	0.912	0.978	0.418	0.912	1.77	1.05	1.88	1.99					
	12.	2.46	8.92	2.59	G 0.579	2.72	2.22	1.77	0.978	0.453	1.47	1.67	1.05	3.31	2.46					
	13.	2.46	8.20	R 2.22	G 0.579	2.59	2.10	1.21	0.912	0.534	1.38	1.57	1.13	7.33	2.59					
	14.	2.34	6.70	R 1.88	R 0.579	2.46	2.10	1.05	0.849	0.492	1.13	1.57	1.21	9.70	2.72					
	15.	2.22	5.69	R 1.77	R 0.579	2.46	1.99	1.21	0.790	0.534	1.21	1.57	1.21	9.17	2.59					
	16.	2.34	4.93	R 1.67	R 0.579	2.59	1.88	1.05	0.733	0.453	1.29	1.38	1.38	15.2	2.22					
	17.	2.86	4.18	R 1.57	R 0.579	2.46	1.67	0.912	0.733	0.492	1.99	1.47	1.38	15.2	2.22					
	18.	2.59	3.65	R 1.47	R 0.579	2.22	1.57	0.849	0.679	0.534	2.34	1.29	1.13	12.4	2.10					
	19.	2.59	3.16	R 1.29	R 0.579	2.46	1.47	1.13	0.679	0.492	2.22	1.13	1.21	9.70	1.99					
	20.	2.72	2.86	R 1.21	R 0.579	4.01	1.38	1.29	0.628	0.418	1.88	1.05	1.47	8.43	1.99					
	21.	2.59	2.59	R 1.13	R 0.579	9.70	1.38	1.29	0.679	0.418	1.77	1.05	1.47	7.33	1.99					
	22.	2.59	3.31	R 1.05	R 0.579	13.3	1.29	1.05	0.628	0.418	1.67	1.05	1.29	6.91	2.10					
	23.	3.01	4.01	R 1.05	1.29	12.1	1.21	0.978	0.628	0.790	1.99	1.05	1.29	6.29	2.34					
	24.	5.50	3.16	R 0.912	3.65	11.3	1.21	0.912	0.579	1.13	2.10	0.978	1.38	5.11	2.46					
	25.	5.69	4.55	R 0.849	4.18	10.5	1.13	0.912	0.679	0.628	1.77	1.21	1.29	4.37	2.46					
	26.	5.69	4.55	R 0.790	6.70	9.97	1.13	0.978	0.679	0.733	1.77	1.21	1.29	4.01	2.59					
	27.	5.50	4.55	R 0.790	9.17	10.2	1.21	1.29	0.628	1.21	3.65	1.21	1.21	3.83	2.46					
	28.	5.31	4.37	R 0.733	10.2	8.92	1.21	1.29	0.628	0.790	3.83	1.88	1.21	3.31	R 2.46					
	29.	5.11	4.01	R 0.733		9.43	1.13	1.21	0.628	1.13	3.48	1.47	1.21	2.72	R 2.34					
	30.	4.93	5.11	R 0.679		9.97	1.13	1.47	0.579	0.978	5.11	1.38	1.21	2.59	R 2.34					
	31.		7.76	G 0.679		12.4		1.88		0.849	5.50		1.05		T 2.34					
<b>Hauptwerte</b>	Tag	1.+	21.	30.+	11.+	18.	25.+	18.	24.+	11.+	5.	24.	10.+	1.+	7.+					
	NQ	1.29	2.59	0.679	0.579	2.22	1.13	0.849	0.579	0.418	0.679	0.978	1.05	0.978	1.77					
	MQ	3.15	5.19	2.78	1.73	6.64	2.75	1.12	0.929	0.611	1.85	2.02	1.24	5.06	2.22					
	HQ	7.12	10.5	10.2	11.3	14.1	12.7	3.83	1.67	3.16	6.91	5.50	1.67	16.1	3.31					
	Tag	24.	11.	1.	28.	30.	1.	12.	1.	27.	27.	1.	16.	16.+	5.					
	h <sub>N</sub>	mm																		
	h <sub>A</sub>	mm	67	113	61	34	145	58	24	20	13	40	43	27	107	48				
			1945/2009		1946/2010												65 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	1.49	1.46	1.63	1.97	1.04	0.738	0.697	0.587	0.589	0.742	1.06	1.45				
	MQ	m <sup>3</sup> /s	2.48	3.89	4.02	3.50	4.28	4.41	1.98	1.51	1.34	1.01	1.17	1.62	2.50	3.85				
	MHQ	m <sup>3</sup> /s	7.29	13.6	14.1	10.4	14.0	12.1	4.93	4.90	5.29	3.40	4.25	5.17	7.41	13.4				
	HQ	m <sup>3</sup> /s	36.6	59.6	52.8	46.8	57.8	68.9	16.2	28.8	23.2	20.2	34.2	22.4	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	85	88	69	94	93	43	32	29	22	25	35	53	84				
<b>Dauertabelle</b>			Abflussjahr (*)				Kalenderjahr		Unterschiedliche Abflüsse m <sup>3</sup> /s											
			2010				2010		Unter		Abfluss-		Kalender		1946/2010		65 Kalenderjahre			
			Jahr		Datum		Winter Sommer		Jahr Datum		schreitungs-		jahr (*)		Obere		Mittlere		Untere	
											dauer		2010		Hüllwerte		Werte		Hüllwerte	
											in Tagen									
	NQ	m <sup>3</sup> /s	0.418	am 11.07.2010	0.579	0.418	0.418	am 11.07.2010	(365)	13.3	15.3	53.9	23.4	6.22						
	MQ	m <sup>3</sup> /s	2.51		3.75	1.29	2.41		364	12.4	15.3	49.0	16.7	6.22						
	HQ	m <sup>3</sup> /s	14.1	am 30.03.2010	14.1	6.91	16.1	am 16.11.2010	363	12.1	13.3	48.8	10.7	6.22						
	Nq	l/(skm <sup>2</sup> )	3.41		4.72	3.41	3.41		361	11.6	13.3	42.9	14.8	5.97						
	Mq	l/(skm <sup>2</sup> )	20.5		30.6	10.5	19.7		360	11.6	13.3	42.9	13.5	5.55						
	Hq	l/(skm <sup>2</sup> )	115		115	56.4	131		359	11.6	12.1	36.7	12.7	4.87						
	h <sub>N</sub>	mm							358	10.5	11.6	34.0	12.0	4.64						
	h <sub>A</sub>	mm	646		478	167	620		357	10.5	11.6	32.4	11.4	4.64						
			1946/2010 (*) 65 Jahre				1946/2010													
	NQ	m <sup>3</sup> /s	0.130	am 18.09.1982	0.220	0.130	0.130	am 18.09.1982	300	4.55	3.48	7.70	4.08	2.22						
	MNQ	m <sup>3</sup> /s	0.398		0.682	0.440	0.416		270	3.01	2.59	6.02	2.98	1.54						
	MQ	m <sup>3</sup> /s	2.60		3.77	1.44	2.59		240	2.46	2.10	4.42	2.33	1.14						
MHQ	m <sup>3</sup> /s	27.6		27.1	10.1	27.8		210	1.77	1.67	3.25	1.84	0.850							
HQ	m <sup>3</sup> /s	68.9	am 13.04.1994	68.9	34.2	68.9	am 13.04.1994	183	1.47	1.38	2.81	1.51	0.760							
HQ <sub>1</sub>	m <sup>3</sup> /s							150	1.29	1.29	2.32	1.22	0.600							
HQ <sub>5</sub>	m <sup>3</sup> /s							130	1.21	1.21	2.06	1.06	0.480							
MNq	l/(skm <sup>2</sup> )	3.25		5.56	3.59	3.39		120	1.21	1.13	1.96	1.01	0.430							
Mq	l/(skm <sup>2</sup> )	21.2		30.8	11.7	21.1		110	1.13	1.13	1.96	0.950	0.370							
MHQ	l/(skm <sup>2</sup> )	225		221	82.4	227		100	1.05	1.05	1.96	0.880	0.370							
Mh <sub>N</sub>	mm							90	0.978	0.978	1.75	0.810	0.340							
Mh <sub>A</sub>	mm	669		481	187	666		80	0.978	0.978	1.70	0.740	0.340							
<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	0.130	1.06	18.09.1982+	68.9	562	13.04.1994	9	0.534	0.534	1.18	0.344	0.170							
	2	0.140	1.14	22.09.1976	59.6	466	31.12.1986	8	0.534	0.534	1.18	0.331	0.170							
	3	0.150	1.22	28.08.1991+	57.8	471	11.03.1981	7	0.492	0.492	1.18	0.310	0.170							
	4	0.170	1.39	14.09.1999+	56.4	460	31.03.1962	6	0.492	0.492	1.18	0.300	0.170							
	5	0.210	1.71	16.08.1983+	52.8	431	01.01.1987	5	0.492	0.492	1.06	0.300	0.170							
	6	0.220	1.79	02.09.1986	48.6	396	20.04.1970	4	0.492	0.492	1.05	0.270	0.160							
	7	0.240	1.96	06.07.2002+	46.8	382	08.02.1946	3	0.453	0.453	1.05	0.250	0.160							
	8	0.250	2.04	18.08.1988	44.8	365	06.01.1982	2	0.453	0.453	1.05	0.230	0.160							
	9	0.250	2.04	28.08.1959+	44.7	365	27.01.2002+	1	0.453	0.453	0.970	0.180	0.160							
10	0.260	2.12	27.08.2001	42.9	350	03.03.1999	0	0.418	0.418	0.960	0.130	0.130								

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

Beeinflussung durch TS-Steuerung

4 Tage Grundeis, 43 Tage Randeis, 1 Tag Treibeis/Eisgang

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

Nr. 572115

Gewässer : Schwarzza

Gebiet : Obere Saale

Tag	2009		2010												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	2.42	9.79	15.2	R 1.30	21.0	15.2	3.83	2.88	0.970	1.76	11.1	2.88	1.76	5.98	
2.	2.65	9.34	14.3	R 1.30	19.1	12.9	3.59	3.59	0.860	1.98	9.79	2.88	1.76	5.98	
3.	3.35	8.02	12.5	R 1.30	15.2	10.7	3.59	4.07	0.750	1.98	8.46	2.65	1.76	6.22	
4.	3.83	7.16	12.0	R 1.50	12.9	10.2	5.26	3.83	0.750	1.76	7.16	2.65	1.98	5.98	
5.	4.31	6.22	10.7	R 1.50	10.2	8.46	2.42	3.35	1.08	1.50	6.48	2.65	1.76	5.74	
6.	4.31	6.48	9.34	R 1.50	8.90	6.22	2.65	2.65	0.970	3.83	5.26	2.65	2.20	5.74	
7.	4.31	6.79	7.58	R 1.50	7.16	5.98	3.59	2.65	0.970	4.31	4.31	2.42	2.88	5.50	
8.	4.31	8.02	6.48	R 1.30	5.74	6.22	3.11	2.65	0.750	3.35	4.31	2.42	3.11	5.26	
9.	5.26	8.46	5.98	R 1.30	5.50	5.98	3.59	2.42	0.750	2.88	4.31	2.42	3.11	5.26	
10.	5.50	8.90	5.26	R 1.30	5.50	4.79	3.83	2.65	0.650	2.88	3.83	2.20	3.11	4.31	
11.	5.03	13.4	5.03	R 1.30	5.03	4.79	3.35	1.98	0.650	2.42	3.35	2.20	3.59	4.79	
12.	4.79	13.8	4.55	R 1.30	5.03	5.26	5.26	1.98	0.550	4.07	3.11	2.42	5.50	5.50	
13.	4.55	12.0	R 3.83	R 1.30	4.55	5.26	5.50	1.98	0.750	3.59	2.88	2.42	12.5	5.74	
14.	4.31	12.0	R 3.59	R 1.30	4.31	4.79	3.59	1.76	0.650	2.88	2.88	2.42	17.0	5.98	
15.	4.07	10.2	R 3.11	R 1.30	4.31	3.83	3.83	1.76	0.860	3.11	2.88	1.98	16.5	6.79	
16.	3.83	8.02	R 2.88	R 1.30	5.74	3.35	4.31	1.50	0.650	3.59	2.65	2.42	35.5	6.79	
17.	4.79	6.48	R 2.88	R 1.30	4.79	3.35	2.88	1.50	0.650	4.55	2.42	2.65	41.5	6.79	
18.	4.55	5.50	R 2.88	R 1.30	3.59	3.35	1.98	1.50	0.750	5.26	2.42	2.20	31.0	6.79	
19.	4.31	5.03	2.88	R 1.30	3.83	3.11	2.65	1.50	0.650	4.79	2.20	2.20	23.1	5.74	
20.	4.31	R 4.79	2.88	R 1.30	6.22	2.88	3.11	1.30	0.550	4.07	1.98	2.65	19.1	5.74	
21.	4.07	R 4.31	2.65	R 1.30	12.9	2.65	2.88	1.30	0.550	3.59	1.50	2.65	16.5	5.26	
22.	4.07	R 5.50	2.42	R 1.30	17.0	3.11	2.65	1.08	0.450	3.59	1.76	2.20	15.2	4.79	
23.	4.55	8.02	2.42	2.20	16.1	3.11	2.65	1.19	0.450	4.31	1.76	2.20	13.8	5.03	
24.	7.16	7.16	2.20	2.20	5.74	15.2	2.88	2.65	1.08	5.98	4.31	1.50	10.7	5.26	
25.	6.79	8.90	1.98	8.02	14.7	2.42	2.88	0.970	0.750	3.83	3.59	2.20	8.90	5.50	
26.	7.16	10.7	1.50	14.7	13.8	2.88	2.65	1.30	2.42	3.59	2.65	2.20	8.46	5.50	
27.	8.46	10.7	R 1.30	19.7	13.8	5.26	2.65	1.08	4.07	6.22	2.42	2.20	7.58	5.74	
28.	11.1	10.2	R 1.30	19.1	12.5	3.83	2.88	1.08	2.65	6.79	3.83	2.20	6.79	6.79	
29.	11.1	8.46	R 1.30	12.9	4.07	2.88	2.88	0.970	2.88	6.22	3.35	2.20	6.22	6.79	
30.	7.58	10.2	R 1.30	13.4	3.83	2.65	2.65	0.970	2.42	8.90	2.88	1.98	6.48	6.48	
31.		13.4	R 1.30	15.6		3.59			1.98	11.1		1.98		6.22	
Tag	1.	21.	27.+	1.+	18.	25.	18.	25.+	22.	5.	21.+	15.+	1.+	10.	
NQ	2.42	4.31	1.30	1.30	3.59	2.42	1.98	0.970	0.450	1.50	1.50	1.98	1.76	4.31	
MQ	5.23	8.64	4.95	3.53	10.2	5.36	3.32	1.95	1.44	4.08	3.85	2.38	11.0	5.81	
HQ	12.0	15.2	15.6	20.3	24.5	15.2	15.2	4.79	12.5	12.0	11.1	3.59	44.5	9.34	
Tag	28.	11.+	1.+	27.	1.	1.	4.	2.	23.	31.	1.	1.	17.	26.	
h <sub>N</sub>	mm														
h <sub>A</sub>	mm	40	68	39	25	80	41	26	15	11	32	29	19	84	46
1983/2009			1984/2010 27 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	1.74	2.22	2.67	2.85	3.53	3.24	1.69	1.19	0.944	0.626	0.785	1.08	1.75	2.29	
MQ	4.23	6.98	8.12	6.78	8.95	7.64	3.32	2.70	1.86	1.48	1.92	2.39	4.54	7.06	
MHQ	13.2	23.7	29.9	20.6	29.9	26.7	8.72	8.66	8.14	5.04	7.85	8.21	14.2	23.8	
HQ	70.0	65.5	90.3	79.0	77.5	218	36.3	35.6	23.2	18.9	55.0	47.9	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	32	55	64	48	70	58	26	21	15	12	15	35	55	
Abflussjahr (*)			2010				Kalenderjahr 2010				Unterschnittene Abflüsse m <sup>3</sup> /s				
			Jahr	Datum	Winter	Sommer	Jahr	Datum	Unter schreitungs dauer in Tagen		Abflussjahr (*)	Kalenderjahr	1984/2010	27 Kalenderjahre	
									(365)						
NQ	m <sup>3</sup> /s	0.450	am 22.07.2010	1.30	0.450	0.450	am 22.07.2010	364	21.0	41.5	160	49.8	12.5		
MQ	m <sup>3</sup> /s	4.59		6.38	2.84	4.82		363	19.7	31.5	89.5	40.5	12.5		
HQ	m <sup>3</sup> /s	24.5	am 01.03.2010	24.5	15.2	44.5	am 17.11.2010	362	19.7	31.0	64.0	35.9	12.5		
Nq	l/(skm <sup>2</sup> )	1.32		3.81	1.32	1.32		361	19.7	23.1	63.3	31.9	12.0		
Mq	l/(skm <sup>2</sup> )	13.5		18.7	8.33	14.1		360	17.0	21.0	55.0	29.9	12.0		
Hq	l/(skm <sup>2</sup> )	71.9		71.9	44.6	131		359	16.1	19.7	43.8	27.1	10.7		
h <sub>N</sub>	mm							358	15.6	19.7	41.5	24.7	10.7		
h <sub>A</sub>	mm	425		293	132	446		357	15.6	19.7	40.0	23.2	10.7		
1984/2010 (*) 27 Jahre			1984/2010				Dauertabelle								
NQ	m <sup>3</sup> /s	0.240	am 16.09.1999	0.440	0.240	0.240	am 16.09.1999	300	7.58	6.79	13.5	7.20	3.60		
MNQ	m <sup>3</sup> /s	0.621		1.21	0.625	0.621		270	5.50	5.74	8.81	5.26	2.71		
MQ	m <sup>3</sup> /s	4.69		7.14	2.28	4.72		240	4.55	4.79	6.79	4.02	2.14		
MHQ	m <sup>3</sup> /s	57.8		56.4	16.2	57.9		210	4.07	3.83	5.74	3.12	1.30		
HQ	m <sup>3</sup> /s	218	am 13.04.1994	218	55.0	218	am 13.04.1994	183	3.59	3.35	5.26	2.66	1.08		
HQ <sub>1</sub>	m <sup>3</sup> /s							150	3.11	2.88	4.31	2.10	0.860		
HQ <sub>5</sub>	m <sup>3</sup> /s							130	2.88	2.88	3.59	1.79	0.860		
MNq	l/(skm <sup>2</sup> )	1.82		3.55	1.83	1.82		120	2.65	2.65	3.35	1.55	0.750		
Mq	l/(skm <sup>2</sup> )	13.8		21.0	6.69	13.8		110	2.65	2.65	3.11	1.45	0.750		
MHQ	l/(skm <sup>2</sup> )	170		165	47.5	170		100	2.42	2.42	3.11	1.38	0.750		
Mh <sub>N</sub>	mm							90	2.42	2.20	2.88	1.22	0.700		
Mh <sub>A</sub>	mm	434		328	106	437		80	2.20	2.20	2.65	1.11	0.650		
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	0.240	0.704	16.09.1999+	218	640	13.04.1994	10	0.860	0.860	1.92	0.570	0.370			
2	0.260	0.763	14.08.2003	90.3	265	03.01.2003	9	0.750	0.750	1.92	0.550	0.370			
3	0.320	0.939	15.06.2000	89.5	263	28.01.2002	8	0.750	0.750	1.92	0.550	0.370			
4	0.350	1.03	16.09.1991+	79.0	232	26.02.1997	7	0.750	0.750	1.92	0.510	0.370			
5	0.370	1.09	01.09.2008	77.5	227	03.03.1999	6	0.750	0.750	1.92	0.470	0.320			
6	0.370	1.09	19.08.1998	76.0	223	30.01.1995	5	0.750	0.750	1.82	0.440	0.320			
7	0.420	1.23	05.08.1994+	70.0	205	01.11.1998	4	0.650	0.650	1.82	0.420	0.280			
8	0.440	1.29	25.09.1992+	68.5	201	27.02.2002	2	0.650	0.650	1.82	0.380	0.280			
9	0.450	1.32	11.08.2004	66.4	195	06.01.1994	1	0.650	0.650	1.82	0.320	0.280			
10	0.450	1.32	18.09.2002+	66.1	194	01.01.1987	0	0.450	0.450	1.76	0.240	0.240			

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

Beeinflusst durch TS-Steuerung

36 Tage Randeis



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

PNP: NHH+170.60 m

Lage: 1.8 km oberhalb Mündung rechts



Pegel : Freienorla

Nr. 572400

Gewässer : Orla

Gebiet : Obere Saale

m<sup>3</sup>/s

Tag	2009		2010													
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
1.	K 0.780	K 3.29	3.89	1.37	K 4.49	K 1.01	K 1.37	K 6.16	K 1.13	K 2.24	K 5.29	K 5.12	K 1.37	3.44		
2.	K 1.25	K 2.99	3.29	1.25	K 3.74	K 0.890	K 1.50	K 6.70	K 1.13	K 3.14	K 4.80	K 4.34	K 1.25	3.29		
3.	K 3.29	K 2.69	2.99	1.50	K 2.84	K 1.01	K 1.64	K 5.80	K 1.01	K 7.68	K 4.49	K 4.04	K 1.37	3.14		
4.	K 3.14	K 2.24	2.84	1.37	K 2.69	K 0.890	K 1.79	K 4.80	K 1.13	K 6.88	K 4.19	K 3.44	K 1.37	2.99		
5.	K 2.99	K 1.94	2.54	1.25	K 2.39	K 0.890	K 1.50	K 4.04	K 1.79	K 4.64	K 3.74	K 3.29	K 1.37	2.84		
6.	K 2.39	K 1.94	2.24	1.50	K 2.24	K 0.780	K 1.79	K 3.29	K 1.94	K 4.96	K 3.59	K 2.99	K 1.64	2.84		
7.	K 2.24	K 1.94	1.94	1.37	K 1.64	K 0.890	K 2.39	K 2.99	K 1.25	K 6.16	K 3.14	K 2.69	K 2.24	2.84		
8.	K 1.79	K 1.94	1.79	1.37	K 1.64	K 0.890	K 2.09	K 2.69	K 1.25	K 5.12	K 2.84	K 2.54	K 2.84	2.99		
9.	K 2.24	K 1.94	1.64	1.25	K 1.37	K 0.890	K 2.09	K 2.39	K 1.13	K 3.89	K 2.69	K 2.24	K 2.54	3.29		
10.	K 2.09	K 2.54	R 1.50	1.25	K 1.25	K 0.890	K 2.24	K 2.24	K 1.13	K 3.44	K 2.54	K 2.24	K 2.24	3.14		
11.	K 2.09	5.12	R 1.37	1.25	K 1.25	K 1.25	K 2.84	K 1.94	K 1.01	K 2.99	K 2.39	K 2.09	K 2.09	4.34		
12.	K 1.79	3.74	R 1.37	1.25	K 1.13	K 1.50	K 4.64	K 1.79	K 1.13	K 4.96	K 2.39	K 2.09	K 2.24	9.68		
13.	K 1.64	2.99	R 1.25	1.25	K 1.01	K 1.37	K 3.74	K 1.50	K 2.24	K 5.80	K 2.39	K 1.94	K 2.24	8.08		
14.	K 1.50	2.69	R 1.13	1.25	K 1.01	K 1.64	K 3.29	K 1.37	K 1.01	K 5.29	K 2.09	K 1.79	K 1.94	6.34		
15.	K 1.37	2.39	R 1.13	1.13	K 1.13	K 1.79	K 4.19	K 1.37	K 1.01	K 4.64	K 2.24	K 1.94	K 3.44	5.29		
16.	K 1.50	2.09	R 1.01	1.13	K 1.25	K 1.64	K 4.04	K 1.25	K 0.780	K 4.34	K 2.24	K 2.24	K 11.3	4.80		
17.	K 1.64	1.94	1.37	1.13	K 1.13	K 1.64	K 3.59	K 1.25	K 0.780	K 4.96	K 2.24	K 2.39	10.7	4.64		
18.	K 1.64	1.64	2.24	1.37	K 1.13	K 1.50	K 3.44	K 1.13	K 0.780	K 6.34	K 2.24	K 2.09	7.88	4.19		
19.	K 1.50	R 1.50	2.54	1.37	K 1.01	K 1.50	K 4.04	K 1.13	K 0.780	K 5.29	K 2.24	K 1.94	6.34	3.89		
20.	K 1.37	R 1.37	2.69	1.25	K 0.890	K 1.37	K 4.64	K 1.13	K 0.780	K 4.49	K 1.94	K 1.94	5.29	4.04		
21.	K 1.25	R 1.37	2.54	1.25	K 1.01	K 1.37	K 4.49	K 1.13	K 0.780	K 3.74	K 1.79	K 1.94	4.64	3.74		
22.	K 1.25	R 1.37	2.24	1.13	K 1.01	K 1.25	K 4.34	K 1.13	K 0.780	K 4.04	K 1.79	K 1.79	5.12	3.44		
23.	K 1.25	2.09	1.94	2.54	K 1.01	K 1.25	K 4.04	K 1.01	K 2.24	K 5.29	K 1.94	K 1.64	5.63	3.74		
24.	K 1.25	1.79	1.79	5.98	K 1.01	K 1.25	K 3.89	K 1.01	K 5.12	K 4.64	K 1.94	K 1.50	6.34	3.74		
25.	K 1.25	2.99	R 1.64	7.68	K 1.01	K 1.25	K 3.59	K 1.01	K 2.24	K 3.89	K 2.99	K 1.50	5.63	3.74		
26.	K 1.25	3.59	R 1.50	8.08	K 1.01	K 1.25	K 3.29	K 1.01	K 1.64	K 3.59	K 3.29	K 1.37	5.29	3.44		
27.	K 1.25	3.14	R 1.50	6.52	K 1.25	K 1.37	K 3.44	K 1.01	K 2.24	K 4.34	K 4.04	K 1.37	4.49	3.44		
28.	K 1.25	2.99	R 1.37	4.96	K 1.01	K 1.25	K 2.99	K 1.01	K 1.64	K 4.96	K 8.88	K 1.64	4.19	3.29		
29.	K 1.25	2.69	R 1.25	4.96	K 1.01	K 1.25	K 2.99	K 1.01	K 3.14	K 4.19	K 8.08	K 1.50	4.04	3.14		
30.	K 1.13	2.99	1.37	1.13	K 1.13	K 1.25	K 2.99	K 1.01	K 2.99	K 4.80	K 6.34	K 1.37	3.59	R 2.99		
31.		4.04	1.25		K 1.25		K 4.19		K 2.54	K 5.98		K 1.37		R 2.84		
Tag	1.	20.+	16.	15.+	20.	6.	1.	23.+	16.+	1.	21.+	26.+	2.	5.+		
NQ	0.780	1.37	1.01	1.13	0.890	0.780	1.37	1.01	0.780	2.24	1.79	1.37	1.25	2.84		
MQ	1.69	2.52	1.91	2.29	1.51	1.23	3.13	2.18	1.57	4.73	3.36	2.27	4.02	3.99		
HQ	3.59	6.88	4.19	9.08	4.64	2.54	6.52	7.28	9.88	10.7	10.3	5.80	13.7	10.3		
Tag	3.+	11.	1.	25.	1.	14.	12.	1.	24.	3.	28.	1.	16.	12.		
h <sub>N</sub>	mm															
h <sub>A</sub>	mm	17	26	20	22	16	12	33	22	16	50	34	24	41	42	
		1927/2009		1928/2010												73 Jahre
Jahr	1959+	1967	1986	1936	1930	1943	1943	1990	1960	1992	1991	1991+	1959+	1967		
NQ	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	0.756	0.752	0.838	0.924	0.963	0.960	0.826	0.741	0.758	0.762	0.830	0.839	0.765	0.791		
MQ	1.19	1.25	1.40	1.50	1.80	1.61	1.46	1.43	1.25	1.16	1.19	1.28	1.23	1.29		
MHQ	3.16	3.44	3.70	3.98	4.98	4.77	5.21	5.74	5.43	4.38	3.86	3.39	3.23	3.46		
HQ	21.1	16.4	18.4	14.9	38.4	25.6	26.5	27.7	45.0	19.5	22.9	11.1	21.1	16.4		
Jahr	1941	1974	1953	1941	1942	1980	1941	1961	1932	1977	2007	1974	1941	1974		
Mh <sub>N</sub>	mm															
Mh <sub>A</sub>	mm	12	13	15	14	19	16	15	13	12	12	13	12	14		
		Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s						
		2010				2010				2010						
		Jahr	Datum	Winter	Sommer	Jahr	Datum		Unter schreitungs dauer in Tagen	Abfluss-jahr (*)	Kalender-jahr	1928/2010	73 Kalenderjahre			
												Oberer Hüllwerte	Mittlere Werte	Untere Hüllwerte		
NQ	m <sup>3</sup> /s	0.780	am 01.11.2009	0.780	0.780	0.780	am 06.04.2010		(365)	8.88	11.3	23.9	9.69	1.45		
MQ	m <sup>3</sup> /s	2.37		1.85	2.87	2.69			364	8.88	10.7	22.7	7.98	1.45		
HQ	m <sup>3</sup> /s	10.7	am 03.08.2010	9.08	10.7	13.7	am 16.11.2010		363	8.88	9.68	15.5	6.80	1.45		
Nq	l/(skm <sup>2</sup> )	3.06		3.06	3.06	3.06			362	8.08	8.88	15.4	6.25	1.45		
Mq	l/(skm <sup>2</sup> )	9.28		7.25	11.2	10.5			361	8.08	8.88	13.8	5.73	1.42		
Hq	l/(skm <sup>2</sup> )	41.9		35.6	41.9	53.7			360	8.08	8.88	11.8	5.16	1.41		
h <sub>N</sub>	mm								359	6.88	8.88	13.2	5.37	1.41		
h <sub>A</sub>	mm	293		113	179	332			358	6.70	8.88	11.8	5.16	1.41		
		1928/2010 (*) 76 Jahre				1928/2010				Dauertabelle						
NQ	m <sup>3</sup> /s	0.060	am 20.03.1930	0.060	0.110	0.060	am 20.03.1930		240	2.54	3.14	3.85	1.33	0.540		
MNQ	m <sup>3</sup> /s	0.406		0.530	0.481	0.413			210	2.24	2.54	3.52	1.15	0.510		
MQ	m <sup>3</sup> /s	1.36		1.45	1.28	1.38			183	2.09	2.39	2.64	1.01	0.480		
MHQ	m <sup>3</sup> /s	12.0		8.04	9.73	12.2			150	1.64	1.94	2.43	0.890	0.440		
HQ	m <sup>3</sup> /s	45.0	am 15.07.1932	38.4	45.0	45.0	am 15.07.1932		130	1.50	1.64	2.33	0.800	0.350		
HQ <sub>1</sub>	m <sup>3</sup> /s								120	1.50	1.50	2.33	0.760	0.310		
HQ <sub>5</sub>	m <sup>3</sup> /s								110	1.50	1.50	2.23	0.730	0.310		
MNq	l/(skm <sup>2</sup> )	1.59		2.08	1.88	1.62			100	1.37	1.50	2.23	0.690	0.270		
Mq	l/(skm <sup>2</sup> )	5.33		5.68	5.01	5.41			90	1.37	1.37	2.12	0.680	0.250		
MHq	l/(skm <sup>2</sup> )	47.0		31.5	38.1	47.8			80	1.37	1.37	2.12	0.630	0.230		
Mh <sub>N</sub>	mm								70	1.37	1.37	1.92	0.610	0.230		
Mh <sub>A</sub>	mm	168		89	80	170			60	1.25	1.25	1.82	0.580	0.190		
		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		0.060	0.235	20.03.1930	45.0	176		15.07.1932								
2		0.100	0.392	11.03.1944	38.4	150		18.03.1942								
3		0.100	0.392	24.03.1943	26.7	105		10.06.1961								
4		0.120	0.470	25.05.1990+	26.5	104		21.05.1941								
5		0.150	0.588	16.02.1936	25.6	100		28.04.1980								
6		0.170	0.666	26.11.1967+	24.8	97.1		13.04.1994								
7		0.170	0.666	15.11.1959+	23.3	91.3		06.07.1958								
8		0.180	0.705	28.08.1992+	23.1	90.5		07.05.1969								
9		0.180	0.705	08.02.1986+	22.9	89.7		29.09.2007								
10		0.180	0.705	11.01.1986	21.1	82.6		07.11.1941								

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. Ausfalljahre: KJ 1928-1929, 1937-1940, 1944-1947; AJ 1929; AJ 1938-1940, 1945-1947

18 Tage Randeis, 301 Tage Verkräutung



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

PNP: NHH+407.50 m

Lage: 108.0 km oberhalb Mündung links



Pegel : Gräfinau-Angstedt

Nr. 572890

Gewässer : Ilm

Gebiet : Obere Saale

m<sup>3</sup>/s

	Tag	2009		2010																
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez					
Tageswerte	1.	1.27	7.49	7.49	R 0.808	11.1	9.19	1.18	2.29	0.511	0.620	4.14	1.84	1.02	2.53					
	2.	1.54	5.98	7.49	R 0.808	9.71	7.72	1.35	2.17	0.511	0.876	3.66	1.74	1.02	2.41					
	3.	2.17	5.58	6.82	0.808	8.19	6.60	1.44	1.95	0.511	0.876	3.07	1.64	1.02	2.29					
	4.	3.07	5.77	R 5.98	1.02	6.82	5.58	1.27	1.74	0.808	0.742	2.66	1.44	1.10	2.17					
	5.	3.50	5.01	R 5.19	1.02	5.58	4.65	1.27	1.64	1.18	0.620	2.29	1.44	1.02	1.95					
	6.	3.21	5.19	R 4.47	1.02	4.83	3.81	1.44	1.54	0.808	1.54	2.06	1.54	1.44	2.06					
	7.	3.21	5.38	R 3.81	0.948	4.14	3.35	1.35	1.54	0.680	1.27	1.84	1.44	2.41	2.06					
	8.	3.21	5.58	R 3.21	R 0.876	3.66	3.07	1.27	1.54	0.620	1.02	1.74	1.35	2.29	2.17					
	9.	4.47	5.38	R 2.83	R 0.876	3.21	2.66	1.18	1.44	0.511	0.948	1.84	1.18	2.06	2.29					
	10.	3.97	5.77	R 2.66	R 0.876	2.79	2.41	1.18	1.35	0.511	0.876	1.74	1.02	1.95	1.95					
	11.	3.81	8.69	2.41	R 0.808	2.53	2.79	1.18	1.35	0.460	0.742	1.54	1.02	2.29	2.29					
	12.	3.50	7.72	2.17	R 0.876	2.41	3.81	2.17	1.27	0.412	1.02	1.35	1.02	4.30	3.07					
	13.	3.21	7.26	1.84	R 0.808	2.17	4.14	1.35	1.18	0.876	1.10	1.27	0.948	9.45	2.66					
	14.	2.93	6.18	R 1.95	R 0.808	2.06	3.81	1.18	1.18	0.564	0.948	1.27	0.948	9.71	2.41					
	15.	2.53	5.19	R 1.84	R 0.808	2.17	3.81	1.64	1.10	0.742	0.948	1.35	0.948	9.98	2.41					
	16.	2.53	4.47	R 1.74	0.742	2.53	3.66	1.54	1.02	0.564	1.02	1.35	1.35	16.9	1.95					
	17.	3.66	3.97	R 1.64	0.876	2.29	3.35	1.54	0.948	0.460	1.64	1.44	1.84	15.5	1.64					
	18.	3.50	3.50	R 1.64	0.808	2.17	3.21	1.54	0.876	0.460	1.74	1.18	1.35	12.9	1.64					
	19.	3.21	R 3.07	1.54	0.876	2.29	2.93	2.06	0.876	0.460	1.64	1.02	1.35	10.5	2.17					
	20.	3.07	R 2.79	1.44	0.876	3.35	2.79	2.29	0.876	0.412	1.35	1.02	1.64	8.94	2.41					
	21.	2.93	R 2.66	1.44	0.876	7.72	2.53	1.95	1.02	0.412	1.18	0.948	1.54	7.49	2.17					
	22.	2.79	3.66	1.35	1.35	11.4	2.29	1.84	0.876	0.368	1.27	0.876	1.35	6.82	2.17					
	23.	3.66	3.66	1.27	4.83	10.8	2.17	1.54	0.808	1.27	1.44	0.948	1.35	6.39	2.41					
	24.	7.04	3.07	1.18	4.83	9.71	1.95	1.44	0.742	1.74	1.64	0.876	1.44	5.58	2.66					
	25.	5.98	4.47	1.10	5.77	9.45	1.74	1.64	0.680	1.02	1.18	1.35	1.35	4.83	2.66					
	26.	6.18	2.79	R 1.02	8.94	9.45	1.64	1.64	0.680	0.876	1.18	1.44	1.27	4.30	3.07					
	27.	5.98	3.97	R 1.35	10.3	10.3	1.54	1.95	0.680	0.948	2.79	1.54	1.27	3.66	2.93					
	28.	5.58	3.97	R 1.54	9.71	9.45	1.35	1.84	0.620	0.808	2.79	2.93	1.02	3.21	2.93					
	29.	5.19	3.81	R 1.02	9.71	9.71	1.27	1.74	0.564	1.10	2.29	2.41	1.02	3.07	2.79					
	30.	4.65	5.01	R 0.948	9.98	9.98	1.18	1.74	0.564	0.876	4.47	2.06	1.02	2.79	3.50					
	31.		6.60	R 0.876	10.8	10.8		2.29		0.742	4.83		1.02		2.53					
Hauptwerte	Tag	1.	21.	31.	16.	14.	30.	1+	29+	22.	1+	22+	13+	1+	17+					
	NQ	1.27	2.66	0.876	0.742	2.06	1.18	1.18	0.564	0.368	0.620	0.876	0.948	1.02	1.64					
	MQ	3.72	4.96	2.62	2.28	6.22	3.37	1.58	1.17	0.717	1.50	1.77	1.31	5.46	2.40					
	HQ	10.3	10.5	7.2	11.1	13.2	9.98	5.19	2.41	9.98	7.49	4.83	2.79	19.1	4.47					
	Tag	24.	11.	1.	26+	31.	1.	12.	1.	4.	30.	1.	16+	16.	30.					
	h <sub>N</sub>	mm																		
	h <sub>A</sub>	mm	62	86	45	36	108	56	27	20	12	26	30	23	91	42				
			1922/2009		1923/2010												88 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	1.07	1.22	1.34	1.44	1.63	2.03	1.07	0.759	0.645	0.546	0.594	0.710	1.06	1.22				
	MQ	m <sup>3</sup> /s	2.49	3.23	3.46	3.32	3.99	4.17	2.10	1.64	1.30	1.06	1.19	1.69	2.50	3.20				
	MHQ	m <sup>3</sup> /s	7.27	10.3	10.8	9.52	11.1	9.86	5.61	5.47	4.85	4.92	3.81	4.92	7.38	10.2				
	HQ	m <sup>3</sup> /s	49.2	47.7	55.6	69.3	60.7	50.0	18.0	23.2	28.6	79.6	25.7	24.8	49.2	47.7				
Jahr		1940	1947	2002	1946	1981	2006	1969	1972	2007	1981	1998	1960	1940	1947					
Mh <sub>N</sub>	mm																			
Mh <sub>A</sub>	mm	42	56	60	52	67	70	36	27	22	18	20	29	42	55					
Hauptwerte			Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s									
			2010				2010				Unter schreitungs dauer in Tagen		Abfluss-jahr (*)		Kalender-jahr		1923/2010		88 Kalenderjahre	
			Jahr	Datum	Winter	Sommer	Jahr	Datum					Obere Hüllwerte	Mittlere Werte		Untere Hüllwerte				
	NQ	m <sup>3</sup> /s	0.368	am 22.07.2010	0.742	0.368	0.368	am 22.07.2010			(365)		11.4	16.9	57.1	20.1	5.54			
	MQ	m <sup>3</sup> /s	2.61		3.89	1.34	2.53				364		11.1	15.5	50.2	15.9	5.28			
	HQ	m <sup>3</sup> /s	13.2	am 31.03.2010	13.2	9.98	19.1	am 16.11.2010			363		11.1	12.9	45.5	13.9	4.70			
	Nq	l/(skm <sup>2</sup> )	2.38		4.79	2.38	2.38				362		11.1	11.4	45.5	12.6	4.42			
	Mq	l/(skm <sup>2</sup> )	16.9		25.1	8.66	16.3				360		10.8	11.1	45.5	11.7	4.38			
	Hq	l/(skm <sup>2</sup> )	85.3		85.3	64.5	123				359		10.8	11.1	29.2	11.1	4.38			
	h <sub>N</sub>	mm									358		9.98	11.1	25.2	10.6	4.23			
	h <sub>A</sub>	mm	532		393	138	515				357		9.98	10.5	23.5	10.3	4.19			
			1923/2010 (*) 88 Jahre				1923/2010													
	NQ	m <sup>3</sup> /s	0.129	am 14.08.2003	0.180	0.129	0.129	am 14.08.2003			356		9.98	10.5	21.8	9.90	3.81			
	MNQ	m <sup>3</sup> /s	0.380		0.669	0.418	0.392				350		9.19	9.98	15.4	8.17	2.95			
MQ	m <sup>3</sup> /s	2.46		3.43	1.50	2.45				340		7.26	8.19	12.1	6.63	2.47				
MHQ	m <sup>3</sup> /s	22.5		21.4	10.7	22.6				330		6.18	6.39	10.3	5.63	2.22				
HQ	m <sup>3</sup> /s	79.6	am 10.08.1981	69.3	79.6	79.6	am 10.08.1981			320		5.58	5.19	8.62	4.91	2.11				
HQ <sub>1</sub>	m <sup>3</sup> /s									300		4.47	3.50	7.52	3.90	1.62				
HQ <sub>5</sub>	m <sup>3</sup> /s									270		3.35	2.66	5.76	2.92	1.17				
MNq	l/(skm <sup>2</sup> )	2.45		4.32	2.70	2.53				240		2.66	2.29	4.73	2.25	0.770				
Mq	l/(skm <sup>2</sup> )	15.9		22.2	9.69	15.8				210		2.06	1.95	4.27	1.82	0.570				
MHq	l/(skm <sup>2</sup> )	145		138	69.1	146				183		1.74	1.74	3.50	1.51	0.510				
Mh <sub>N</sub>	mm									150		1.54	1.44	2.71	1.23	0.470				
Mh <sub>A</sub>	mm	501		347	154	499				130		1.44	1.35	2.47	1.06	0.440				
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		0.129	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		23.01.2002											
	5		0.180	1.16	21.08.1947+	50.0	323		27.04.2006											
	6		0.190	1.23	07.08.1935+	49.3	318		13.04.1994											
	7		0.190	1.23	08.07.1934	49.2	318		05.11.1940											
	8		0.190	1.23	31.08.1929+	47.7	308		28.12.1947											
	9		0.200	1.29	09.07.1976+	46.4	300		03.01.2003											
10		0.210	1.36	18.09.1964+	45.4	293		06.01.1982												

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

30 Tage Randeis



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

PNP: NHN+133.38 m

Lage: 10.0 km oberhalb Mündung links



Pegel : Niedertrebra

Nr. 572920

Gewässer : Ilm

Gebiet : Obere Saale

m<sup>3</sup>/s

	Tag	2009		2010													
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
Tageswerte	1.	3.41	10.4	16.2	6.36	21.7	15.6	4.16	K 6.57	K 2.35	K 2.48	K 10.9	K 6.15	K 4.48	10.9		
	2.	3.85	12.3	15.3	6.15	20.2	14.0	4.16	K 7.00	K 2.35	K 2.60	K 9.35	K 5.75	K 5.00	10.4		
	3.	5.18	10.4	14.0	6.36	17.5	11.2	4.48	K 6.36	K 2.12	K 3.26	K 8.37	K 5.75	K 4.48	10.1		
	4.	6.57	9.60	13.4	5.37	16.2	10.6	5.37	K 5.56	K 1.71	K 2.73	K 7.90	K 5.75	K 5.18	9.60		
	5.	7.67	10.1	12.6	4.65	15.3	9.10	4.16	K 5.18	K 2.48	K 2.60	K 7.22	K 5.37	K 5.00	9.10		
	6.	7.22	9.86	11.5	4.32	14.3	8.37	5.00	K 4.48	K 2.99	K 3.26	K 6.78	K 5.00	K 5.37	9.60		
	7.	6.78	9.86	10.9	4.00	12.9	7.67	K 6.36	K 4.48	K 2.01	K 5.18	K 6.36	K 4.65	K 6.57	9.35		
	8.	7.00	9.86	R 9.60	4.16	11.2	7.45	K 4.82	K 4.32	K 2.01	K 4.32	K 5.95	K 4.82	K 7.45	9.10		
	9.	7.67	9.86	R 9.10	4.00	10.1	6.78	K 4.32	K 4.16	K 1.80	K 3.70	K 5.95	K 5.00	K 6.78	9.60		
	10.	8.14	9.86	R 9.10	3.85	9.35	6.57	K 4.48	K 3.85	K 1.71	K 3.41	K 5.56	K 4.65	K 7.00	9.35		
	11.	7.00	18.2	R 8.86	3.85	9.10	6.57	K 4.32	K 3.85	K 1.52	K 3.12	K 5.37	K 4.32	6.78	11.2		
	12.	7.00	19.5	8.37	3.70	8.61	6.78	K 9.10	K 3.55	K 1.71	K 3.85	K 4.65	K 4.00	7.45	21.7		
	13.	6.36	15.6	7.67	3.85	8.37	7.67	K 7.00	K 3.41	K 2.73	K 5.18	K 4.48	K 3.85	10.6	21.3		
	14.	5.56	14.0	7.45	3.85	7.90	7.45	K 5.00	K 3.70	K 2.12	K 4.65	K 4.82	K 4.00	15.9	15.3		
	15.	5.37	12.9	7.22	3.85	7.90	7.45	K 5.56	K 3.70	K 1.91	K 3.85	K 5.00	K 3.70	15.3	12.9		
	16.	5.18	11.5	5.95	3.70	7.67	7.22	K 5.37	K 2.99	K 1.80	K 4.00	K 4.82	K 4.48	23.5	12.0		
	17.	5.75	10.6	5.56	3.55	7.90	7.00	K 4.82	K 2.86	K 1.52	K 6.15	K 4.65	K 5.75	34.2	11.7		
	18.	7.67	9.86	6.57	3.85	7.45	6.78	K 4.48	K 3.41	K 1.52	K 10.1	K 4.32	K 5.56	23.1	11.2		
	19.	6.78	9.10	6.57	4.16	7.00	6.57	K 5.18	K 3.41	K 1.52	K 9.10	K 4.32	K 4.82	19.9	10.6		
	20.	5.95	10.6	6.78	4.32	7.00	6.15	K 6.36	K 2.99	K 1.52	K 7.00	K 4.16	K 4.48	16.5	10.6		
	21.	5.75	9.86	6.57	4.00	8.86	5.95	K 6.15	K 2.99	K 1.52	K 5.95	K 3.70	K 4.82	13.4	9.86		
	22.	5.56	8.37	5.95	3.85	14.0	5.75	K 5.37	K 2.99	K 1.61	K 5.56	K 3.26	K 4.65	13.7	9.60		
	23.	5.56	10.6	5.56	5.75	16.8	5.56	K 5.00	K 2.86	K 2.12	K 6.15	K 3.41	K 4.32	17.2	9.60		
	24.	7.90	9.60	5.18	13.7	16.2	5.37	K 5.18	K 2.86	K 7.22	K 6.78	K 4.41	K 4.32	18.5	9.86		
	25.	9.86	10.1	5.00	18.9	15.3	5.00	K 5.00	K 2.73	K 3.41	K 6.57	K 4.48	K 4.16	16.8	9.86		
	26.	8.37	14.9	4.65	26.2	14.9	5.00	K 4.65	K 2.60	K 2.60	K 5.75	K 4.82	K 4.00	14.6	9.10		
	27.	8.61	12.0	5.75	27.4	15.3	4.82	K 4.65	K 2.48	K 2.73	K 6.15	K 5.95	K 4.00	13.7	9.10		
	28.	8.37	11.2	5.56	22.0	15.6	4.65	K 5.18	K 2.48	K 2.48	K 7.90	K 11.2	K 4.00	12.3	9.10		
	29.	8.14	10.4	5.75	14.0	14.0	4.48	K 4.65	K 2.35	K 2.73	K 7.22	K 10.9	K 4.00	11.5	8.61		
	30.	7.67	11.5	5.75	14.9	14.9	4.32	K 4.48	K 2.35	K 3.12	K 7.22	K 7.90	K 4.16	11.2	8.14		
	31.	7.67	16.5	5.75	16.8	16.8	6.15	K 4.82	K 2.35	K 2.35	K 11.5	K 4.00	K 4.00	7.90	16.5		
Tag	1.	22.	26.	17.	19.+	30.	1.+	29.+	11.+	1.	22.	15.	1.+	31.			
NQ	3.41	8.37	4.65	3.55	7.00	4.32	4.16	2.35	1.52	2.48	3.26	3.70	4.48	7.90			
MQ	6.73	11.6	8.20	7.49	12.6	7.26	5.15	3.75	2.30	5.40	6.00	4.65	12.4	10.8			
HQ	12.0	25.8	16.8	31.1	22.0	16.8	12.9	7.45	9.60	13.1	14.6	7.00	39.7	26.2			
Tag	24.	11.	1.	27.	1.+	1.	12.	2.	24.	31.	28.+	4.	17.	12.			
h <sub>N</sub>	mm																
h <sub>A</sub>	mm	20	35	25	20	38	21	15	11	7	16	14	36	32			
		1922/2009		1923/2010												88 Jahre	
Jahr		1947	1949	1964	1963	1963	1938	1934	1934	1934	1949	1929	1949	1947	1949		
NQ	m <sup>3</sup> /s	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	m <sup>3</sup> /s	3.12	3.48	3.83	4.37	4.98	5.74	4.06	3.26	2.58	2.20	2.14	2.34	3.12	3.47		
MQ	m <sup>3</sup> /s	5.34	6.52	7.26	7.58	9.03	9.32	6.23	5.31	4.07	3.31	3.11	3.87	5.40	6.52		
MHQ	m <sup>3</sup> /s	12.8	16.0	18.3	17.5	21.2	19.1	13.2	15.0	10.6	8.35	7.20	8.76	13.1	16.1		
HQ	m <sup>3</sup> /s	84.1	77.0	84.6	84.6	82.0	105	72.2	82.7	76.4	96.6	83.0	44.5	84.1	77.0		
Jahr		1940	1939	1926	1946	1942	1994	1969	1953	1956	1981	2007	1939	1940	1939		
Mh <sub>N</sub>	mm																
Mh <sub>A</sub>	mm	15	20	22	21	27	27	19	15	12	10	9	12	16	20		
Hauptwerte	Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s								
	2010		2010		2010		2010		2010		2010		2010		2010		
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Jahr	Datum	Jahr	Datum	Jahr	Datum	Jahr	Datum	Jahr	Datum	
	NQ	m <sup>3</sup> /s	1.52	am 11.07.2010	3.41	1.52	1.52	am 11.07.2010	365	27.4	34.2	101	38.8	8.19	365	27.4	
	MQ	m <sup>3</sup> /s	6.76		9.02	4.54	7.17		363	26.2	27.4	81.7	39.3	8.19	363	26.2	
	HQ	m <sup>3</sup> /s	31.1	am 27.02.2010	31.1	14.6	39.7	am 17.11.2010	362	27.0	26.2	74.2	27.1	7.54	362	27.0	
	Nq	l/(skm <sup>2</sup> )	1.70		3.81	1.70	1.70		361	21.7	23.5	67.4	24.7	6.90	361	21.7	
	Mq	l/(skm <sup>2</sup> )	7.56		10.1	5.08	8.02		360	20.2	23.1	63.8	23.1	6.70	360	20.2	
	Hq	l/(skm <sup>2</sup> )	34.8		34.8	16.3	44.4		359	19.5	22.0	62.3	21.9	6.49	359	19.5	
	h <sub>N</sub>	mm							358	18.9	22.0	58.7	21.1	6.49	358	18.9	
	h <sub>A</sub>	mm	238		158	81	253		357	18.2	22.0	49.2	20.1	6.49	357	18.2	
			1923/2010 (*) 88 Jahre		1923/2010		1923/2010		1923/2010		1923/2010		1923/2010		1923/2010		
	NQ	m <sup>3</sup> /s	0.570	am 29.07.1934	0.810	0.570	0.570	am 29.07.1934	300	10.1	10.9	17.8	8.77	3.82	300	10.1	
	MNQ	m <sup>3</sup> /s	1.62		2.44	1.75	1.67		270	8.14	9.35	15.8	7.10	3.16	270	8.14	
	MQ	m <sup>3</sup> /s	5.90		7.51	4.31	5.90		240	7.22	7.45	13.7	5.86	2.70	240	7.22	
	MHQ	m <sup>3</sup> /s	40.6		35.9	24.2	41.4		210	6.36	6.57	12.6	4.99	2.35	210	6.36	
	HQ	m <sup>3</sup> /s	105	am 14.04.1994	105	96.6	105	am 14.04.1994	183	5.75	5.95	11.5	4.36	2.11	183	5.75	
	HQ <sub>1</sub>	m <sup>3</sup> /s							150	5.18	5.18	9.32	3.72	1.58	150	5.18	
	HQ <sub>5</sub>	m <sup>3</sup> /s							130	4.82	4.82	7.97	3.35	1.32	130	4.82	
	MNq	l/(skm <sup>2</sup> )	1.81		2.73	1.96	1.87		120	4.65	4.65	7.54	3.20	1.20	120	4.65	
	Mq	l/(skm <sup>2</sup> )	6.60		8.40	4.82	6.60		110	4.48	4.65	6.90	3.02	1.18	110	4.48	
MHq	l/(skm <sup>2</sup> )	45.4		40.1	27.1	46.3		100	4.48	4.48	6.49	2.86	1.09	100	4.48		
Mh <sub>N</sub>	mm							90	4.16	4.32	6.30	2.70	1.09	90	4.16		
Mh <sub>A</sub>	mm	208		131	77	208		80	4.16	4.16	6.10	2.52	0.990	80	4.16		
		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	0.637	29.07.1934	105	117		14.04.1994									
2		0.570	0.637	15.09.1929+	96.6	108		12.08.1981									
3		0.590	0.660	20.08.1949+	84.6	94.6		10.02.1946									
4		0.690	0.772	04.10.1947	84.6	94.6		01.01.1926									
5		0.720	0.805	10.07.1930+	84.1	94.0		06.11.1940									
6		0.810	0.906	02.09.1952	83.0	92.8		30.09.2007									
7		0.850	0.950	18.09.1991+	82.7	92.5		27.06.1953									
8		0.860	0.962	15.09.1964	82.0	91.7		19.03.1942									
9		0.860	0.962	05.08.1943	81.6	91.2		11.06.1961									
10		0.950	1.06	22.01.1964+	81.5	91.1		25.02.1940									

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

4 Tage Randeis, 185 Tage Verkrautung

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

PNP: NHH+210.24 m

Lage: 161.2 km oberhalb Mündung links



Pegel : Ammern

Nr. 573000

Gewässer : Unstrut

Gebiet : Unstrut

m<sup>3</sup>/s

Tag	2009		2010																										
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez															
1.	0.460	2.29	2.76	1.30	13.8	2.40	1.30	K 1.52	K 0.680	K 0.680	K 0.870	K 0.870	0.600	1.41															
2.	0.600	1.85	2.07	1.41	4.94	2.18	1.30	K 1.52	K 0.680	K 0.680	K 0.770	K 0.870	0.600	1.41															
3.	0.600	1.63	R 1.85	1.41	3.72	2.07	1.41	K 1.41	K 0.870	K 0.680	K 0.770	K 0.870	0.600	1.41															
4.	1.08	1.52	R 1.74	1.41	3.12	2.07	1.41	K 1.41	K 0.870	K 0.600	K 0.770	K 0.770	0.600	1.41															
5.	1.08	1.41	R 1.63	1.41	2.76	1.96	1.30	K 1.41	K 0.870	K 0.870	K 0.680	K 0.770	0.600	1.41															
6.	0.770	1.85	R 1.41	1.41	2.52	1.85	1.52	K 1.41	K 1.08	K 0.970	K 0.680	K 0.680	0.680	1.30															
7.	0.770	2.18	R 1.41	1.41	2.29	1.85	1.63	K 1.41	K 0.970	K 0.680	K 0.680	K 0.680	0.870	1.19															
8.	0.600	1.85	R 1.41	1.19	2.07	1.74	1.41	K 1.41	K 0.870	K 0.680	K 0.680	K 0.680	0.870	1.19															
9.	1.08	1.74	R 1.41	1.08	1.96	1.74	1.41	K 1.41	K 0.770	K 0.770	K 0.770	K 0.680	0.770	1.19															
10.	1.41	2.18	R 1.30	1.08	1.74	1.63	1.41	K 1.85	K 0.770	K 0.680	K 0.680	K 0.680	0.770	1.19															
11.	1.08	5.74	1.30	1.08	1.74	1.63	1.41	K 1.08	K 0.770	K 0.680	K 0.600	K 0.680	0.770	2.76															
12.	0.970	3.12	1.30	1.08	1.74	1.63	1.85	K 1.08	K 0.770	K 0.970	K 0.600	K 0.680	1.08	8.84															
13.	0.770	2.52	1.30	1.08	1.74	1.63	1.41	K 1.08	K 0.970	K 0.770	K 0.600	K 0.680	4.50	4.28															
14.	0.770	2.07	1.30	1.08	1.74	1.63	1.41	K 1.08	K 0.770	K 0.680	K 0.680	K 0.680	4.72	2.76															
15.	0.770	1.74	1.19	1.08	2.07	1.52	1.41	K 1.08	K 0.970	K 0.770	K 0.770	K 0.680	2.29	2.18															
16.	1.08	1.74	1.08	1.08	3.24	1.41	1.41	K 1.08	K 0.770	K 0.680	K 0.680	K 0.970	3.72	1.96															
17.	2.07	1.63	1.08	1.08	2.64	1.41	1.41	K 0.970	K 0.770	K 1.63	K 0.770	K 1.08	2.40	1.85															
18.	1.96	1.63	1.41	1.08	2.52	1.41	1.41	K 0.970	K 0.870	K 1.19	K 0.770	K 0.770	1.96	1.63															
19.	1.41	1.52	1.85	0.970	2.29	1.41	1.74	K 0.970	K 0.770	K 0.870	K 0.680	K 0.770	1.85	1.63															
20.	1.19	R 1.52	2.29	0.970	2.29	1.41	2.18	K 0.970	K 0.770	K 0.680	K 0.680	K 0.770	1.63	1.63															
21.	1.08	1.52	1.96	0.970	3.36	1.41	1.74	K 0.970	K 0.770	K 0.600	K 0.680	K 0.680	1.52	1.52															
22.	0.970	1.74	1.63	1.08	2.88	1.41	1.63	K 0.970	K 0.680	K 0.600	K 0.680	K 0.680	1.63	1.41															
23.	1.41	1.74	1.41	2.64	2.52	1.41	1.52	K 0.970	K 0.770	K 1.19	K 0.680	K 0.680	3.00	1.41															
24.	3.24	1.52	1.41	5.98	2.18	1.41	1.63	K 0.970	K 0.770	K 1.30	K 0.680	K 0.680	4.17	1.30															
25.	2.07	3.00	1.30	7.86	2.07	1.41	1.52	K 0.970	K 0.680	K 0.770	K 0.680	K 0.680	2.76	1.19															
26.	1.52	2.52	1.30	16.8	2.07	1.41	1.52	K 0.970	K 0.680	K 0.680	K 0.680	K 0.680	2.18	1.19															
27.	1.52	1.85	R 1.30	18.8	1.96	1.41	1.52	K 0.970	K 0.680	K 1.19	K 1.30	K 0.680	1.85	1.08															
28.	1.41	1.85	R 1.30	15.0	1.85	1.41	1.63	K 0.970	K 0.770	K 0.970	K 2.76	K 0.600	1.63	1.08															
29.	1.30	1.63	R 1.30		3.12	1.41	1.52	K 0.870	K 0.680	K 0.970	K 1.30	K 0.600	1.63	1.08															
30.	1.30	2.07	R 1.30		2.88	1.41	1.63	K 0.870	K 0.680	K 1.30	K 1.08	K 0.600	1.52	1.08															
31.		5.05	1.19		3.00		1.63		K 0.600	K 1.19		K 0.600		1.08															
Tag	1.	5.	16.+	19.+	10.+	16.+	1.+	29.+	31.	4.+	11.+	28.+	5.	27.+															
NQ	0.460	1.41	1.08	0.970	1.74	1.41	1.30	0.870	0.600	0.600	0.600	0.600	0.530	1.08															
MQ	1.21	2.14	1.50	3.32	2.87	1.62	1.52	1.15	0.793	0.870	0.821	0.725	1.79	1.81															
HQ	4.17	9.86	3.48	33.4	29.5	2.64	3.12	4.06	1.63	4.17	4.06	1.41	14.4	10.6															
Tag	24.	11.	1.	26.	1.	1.	12.	10.	6.	17.	28.	16.+	13.	12.															
h <sub>N</sub>	mm																												
h <sub>A</sub>	mm	17	31	22	44	42	23	22	16	12	13	12	11	25	26														
			1940/2009												1941/2010												63 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	0.659	0.796	0.998	1.15	1.32	1.45	1.19	0.958	0.813	0.688	0.626	0.609	0.650	0.795															
MQ	1.16	1.65	1.88	2.11	2.33	1.95	1.57	1.31	1.10	0.897	0.830	0.896	1.13	1.66															
MHQ	7.36	9.44	12.8	11.3	11.8	6.38	4.78	6.09	4.24	2.55	2.61	2.81	6.10	9.71															
HQ	104	53.2	52.0	42.4	67.5	54.4	39.0	115	70.2	14.0	37.0	11.0	63.2	53.2															
Jahr	1940	1988	1995	2000	1956	1983	1997	1981	1956	2002	2007	1998	1998	1988															
Mh <sub>N</sub>	mm																												
Mh <sub>A</sub>	mm	16	24	28	28	34	28	23	19	16	13	12	16	24															
			Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s																		
			2010				2010				Abflussjahr (*)				Kalenderjahr				1941/2010				63 Kalenderjahre						
			Jahr		Datum		Winter		Sommer		Jahr		Datum		Abflussjahr (*)		Kalenderjahr		1941/2010		Obere Hüllwerte		Mittlere Werte		Untere Hüllwerte				
NQ	m <sup>3</sup> /s	0.460	am 01.11.2009		0.460	0.600		0.530		am 05.11.2010				(365)		18.8	18.8	32.2	14.2	4.01									
MQ	m <sup>3</sup> /s	1.53			2.10	0.981		1.55						364		16.8	16.8	28.2	10.7	2.66									
HQ	m <sup>3</sup> /s	33.4	am 26.02.2010		33.4	4.17		33.4		am 26.02.2010				363		15.0	15.0	28.2	8.63	2.30									
Nq	l/(skm <sup>2</sup> )	2.51			2.51	3.28		2.90						361		13.8	13.8	18.0	7.21	2.18									
Mq	l/(skm <sup>2</sup> )	8.36			11.5	5.36		8.47						360		7.86	8.84	17.6	6.40	2.00									
Hq	l/(skm <sup>2</sup> )	183			183	22.8		183						359		5.98	7.86	14.6	5.64	1.81									
h <sub>N</sub>	mm													358		5.74	5.98	14.2	5.19	1.36									
h <sub>A</sub>	mm	264			179	85		267						357		5.05	4.94	13.4	4.89	1.36									
			1941/2010 (*) 65 Jahre				1941/2010																						
NQ	m <sup>3</sup> /s	0.130	am 22.12.1959		0.130	0.170		0.130		am 04.01.1960				356		4.94	4.72	12.6	4.64	1.36									
MNQ	m <sup>3</sup> /s	0.422			0.588	0.539		0.443						350		3.24	3.36	8.42	3.65	1.05									
MQ	m <sup>3</sup> /s	1.48			1.87	1.11		1.47						340		2.76	2.88	5.40	2.90	1.05									
MHQ	m <sup>3</sup> /s	31.0			27.6	11.4		29.2						330		2.40	2.52	4.28	2.60	0.890									
HQ	m <sup>3</sup> /s	115	am 04.06.1981		104	115		115		am 04.06.1981				320		2.18	2.29	3.72	2.37	0.790									
HQ <sub>1</sub>	m <sup>3</sup> /s													300		1.96	1.96	3.29	2.06	0.670									
HQ <sub>5</sub>	m <sup>3</sup> /s													270		1.74	1.74	2.76	1.65	0.630									
MNq	l/(skm <sup>2</sup> )	2.31			3.21	2.95		2.42						240		1.52	1.52	2.52	1.42	0.620									
Mq	l/(skm <sup>2</sup> )	8.09			10.2	6.07		8.03						210		1.52	1.52	2.30	1.24	0.610									
MHQ	l/(skm <sup>2</sup> )	169			151	62.3		160						183		1.41	1.41	2.17	1.09	0.610									
Mh <sub>N</sub>	mm													150		1.19	1.19	2.11	0.980	0.550									
Mh <sub>A</sub>	mm	255			160	96		253						130		1.08	1.08	2.05	0.880	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	0.710	22.12.1959+		115	628	04.06.1981						10		0.680	0.680	1.30	0.340	0.240									
2		0.140	0.765	23.12.1976		104	568	04.11.1940						9		0.680	0.680	1.30	0.340	0.240									
3		0.150	0.820	06.02.1972		70.2	384	15.07.1956						8		0.680	0.680	1.30	0.340	0.230									
4		0.150	0.820																										

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

PNP: NHH+166.91 m

Lage: 133.2 km oberhalb Mündung rechts



Pegel : Nängelstedt

Nr. 573010

Gewässer : Unstrut

Gebiet : Unstrut

m<sup>3</sup>/s

	Tag	2009		2010															
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez				
Tageswerte	1.	K 2.28	K 7.21	9.55	4.66	37.5	K 6.92	K 4.13	K 3.96	K 2.71	K 2.28	K 3.00	K 2.71	K 2.85	K 4.30				
	2.	K 2.42	K 6.64	6.37	4.47	19.9	K 5.83	K 3.96	K 4.13	K 2.71	K 2.01	K 2.57	K 2.57	K 2.85	K 4.30				
	3.	K 3.14	K 5.09	5.57	5.09	13.3	K 5.57	K 4.13	K 3.96	K 2.57	K 2.01	K 2.28	K 2.14	K 2.85	K 3.96				
	4.	K 3.14	K 4.87	5.09	4.66	10.9	K 5.57	K 4.13	K 3.96	K 2.57	K 2.01	K 2.28	K 2.14	K 2.85	K 3.79				
	5.	K 3.62	K 4.66	5.09	4.47	10.0	K 5.33	K 3.96	K 3.96	K 2.42	K 2.14	K 2.28	K 2.14	K 2.71	K 3.79				
	6.	K 3.00	K 4.87	4.87	4.47	9.09	K 4.87	K 4.30	K 3.79	K 2.71	K 3.00	K 2.28	K 2.01	K 3.00	K 3.79				
	7.	K 3.00	K 5.57	5.09	4.30	9.09	K 4.87	K 5.57	K 3.62	K 2.42	K 2.28	K 2.14	K 2.01	K 3.62	K 3.79				
	8.	K 2.71	K 5.09	4.66	4.13	8.33	K 6.09	K 4.47	K 3.62	K 2.42	K 2.14	K 2.14	K 1.89	K 3.28	K 3.79				
	9.	K 3.00	K 4.87	4.66	4.13	7.21	K 5.33	K 4.13	K 3.62	K 2.28	K 2.28	K 2.57	K 1.77	K 3.28	K 3.79				
	10.	K 4.30	K 4.87	3.96	4.13	6.37	K 5.09	K 4.30	K 4.87	K 2.28	K 2.14	K 2.42	K 1.77	K 3.28	K 3.62				
	11.	K 3.62	K 11.9	3.79	3.96	6.09	K 4.47	K 4.13	K 3.62	K 2.28	K 2.01	K 2.42	K 1.66	K 3.14	K 4.87				
	12.	K 3.14	K 9.32	3.79	3.96	5.83	K 4.66	K 5.57	K 3.45	K 2.14	K 2.71	K 2.14	K 1.66	K 3.45	K 18.4				
	13.	K 3.14	K 8.05	3.62	3.79	5.83	K 4.66	K 4.30	K 3.45	K 2.57	K 3.00	K 2.28	K 1.66	K 4.30	K 12.1				
	14.	K 3.14	K 6.64	3.62	3.79	5.83	K 4.66	K 4.13	K 3.28	K 2.28	K 2.14	K 2.28	K 1.66	K 10.9	K 8.33				
	15.	K 3.00	K 5.83	3.62	3.79	7.21	K 4.66	K 4.30	K 3.28	K 2.71	K 2.01	K 2.28	K 1.66	K 5.33	K 6.09				
	16.	K 3.00	K 5.57	3.62	3.79	9.55	K 4.47	K 4.13	K 3.14	K 2.14	K 2.42	K 2.28	K 2.28	K 9.09	K 5.57				
	17.	K 4.47	K 3.45	3.62	3.62	8.59	K 4.47	K 4.13	K 3.14	K 2.01	K 3.28	K 2.28	K 2.57	K 6.92	K 5.57				
	18.	K 5.57	K 4.87	4.13	3.79	9.33	K 4.47	K 4.13	K 2.85	K 2.14	K 3.28	K 2.42	K 2.01	K 5.09	K 5.09				
	19.	K 3.96	K 4.87	5.57	3.96	8.33	K 4.47	K 4.87	K 2.85	K 2.28	K 3.00	K 2.28	K 1.89	K 4.66	K 4.87				
	20.	K 3.62	K 4.66	7.21	3.79	8.05	K 4.30	K 7.77	K 3.00	K 2.01	K 2.42	K 2.14	K 2.01	K 4.30	K 5.09				
	21.	K 3.45	K 4.66	6.92	3.79	9.55	K 4.30	K 5.33	K 2.85	K 2.14	K 2.28	K 2.14	K 2.01	K 3.96	K 4.47				
	22.	K 3.28	K 4.87	5.57	3.62	9.32	K 4.30	K 4.66	K 2.85	K 2.01	K 2.42	K 2.01	K 2.14	K 4.66	K 4.47				
	23.	K 3.28	K 5.83	4.87	7.77	6.4	K 4.30	K 4.47	K 2.71	K 2.85	K 3.00	K 2.01	K 2.14	K 8.33	K 4.47				
	24.	K 5.57	K 4.87	4.66	20.8	6.37	K 4.13	K 4.47	K 2.71	K 2.71	K 3.52	K 2.01	K 2.14	K 4.47	K 4.47				
	25.	K 4.66	K 8.05	4.30	20.8	5.83	K 4.13	K 4.47	K 2.71	K 2.28	K 2.57	K 2.14	K 2.28	K 8.05	K 4.47				
	26.	K 3.96	K 9.09	4.13	36.7	5.83	K 3.96	K 4.13	K 2.71	K 2.28	K 2.71	K 2.42	K 2.28	K 6.37	K 4.30				
	27.	K 4.30	K 6.64	3.96	48.0	5.83	K 4.47	K 4.13	K 2.71	K 2.42	K 3.00	K 2.85	K 2.42	K 5.57	K 4.30				
	28.	K 4.30	K 5.83	4.30	35.9	5.33	K 3.96	K 4.30	K 2.71	K 2.57	K 3.28	K 6.64	K 2.57	K 5.09	K 4.13				
	29.	K 3.96	K 5.57	4.30		6.64	K 3.28	K 4.13	K 2.71	K 2.42	K 2.71	K 3.45	K 2.71	K 5.09	K 4.13				
	30.	K 4.13	K 6.64	4.30		7.77	K 3.96	K 3.96	K 2.71	K 2.28	K 3.45	K 2.85	K 2.85	K 4.66	K 3.96				
	31.		K 17.0	3.96		7.77		K 4.30		K 2.28	K 3.28		K 2.85		K 3.96				
Hauptwerte	Tag	1.	17.	13.+	17.+	28.	29.	2.+	23.+	17.+	2.+	22.+	11.+	5.	10.				
	NQ	2.28	3.45	3.62	3.62	5.33	3.28	3.96	2.71	2.01	2.01	2.01	1.66	2.71	3.62				
	MQ	3.61	6.39	4.80	9.29	9.10	4.72	4.48	3.30	2.38	2.61	2.51	2.15	5.00	5.23				
	HQ	6.92	20.8	12.1	55.9	49.4	8.33	9.09	7.49	6.37	5.33	8.05	3.14	15.6	27.0				
	Tag	24.	31.	1.	27.	1.	8.	20.	10.	23.	17.	28.	16.	14.	12.				
	h <sub>N</sub>	mm																	
	h <sub>A</sub>	mm	13	24	18	31	34	17	17	12	9	10	9	8	18	20			
			1936/2009			1937/2010												74 Jahre	
	Jahr		1959	1947	1977	1960	1954	1960	1960	1977	1992	1976	1960	1960	1959	1947			
	NQ	m <sup>3</sup> /s	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	m <sup>3</sup> /s	1.99	2.37	2.80	3.27	3.68	3.85	3.18	2.74	2.45	2.16	1.98	1.89	2.01	2.39				
MQ	m <sup>3</sup> /s	3.05	4.18	4.83	5.94	6.55	5.26	4.24	3.75	3.23	2.82	2.43	2.48	3.09	4.20				
MHQ	m <sup>3</sup> /s	12.4	17.4	21.7	24.0	25.6	13.5	12.6	11.1	9.24	6.83	5.23	5.92	12.5	17.6				
HQ	m <sup>3</sup> /s	147	80.9	85.2	124	147	65.0	50.4	80.8	87.2	37.6	47.4	37.1	147	80.9				
Jahr		1940	1947	1948	1946	1956	1994	1950	1981	1956	1972	2007	1974	1940	1947				
Mh <sub>N</sub>	mm																		
Mh <sub>A</sub>	mm	11	16	18	20	25	19	16	14	12	11	9	9	11	16				
Hauptwerte	Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s										
	2010				2010				Abflussjahr (*)										
	Jahr				Datum				1937/2010										
	Winter				Sommer				74 Kalenderjahre										
									Obere Hüllwerte										
									Mittlere Werte										
									Untere Hüllwerte										
	NQ	m <sup>3</sup> /s	1.66	am 11.10.2010	2.28	1.66	1.66	am 11.10.2010	(365)	48.0	48.0	117	32.3	8.22					
	MQ	m <sup>3</sup> /s	4.58		6.29	2.90	4.60		364	37.5	37.5	76.6	25.7	7.86					
	HQ	m <sup>3</sup> /s	55.9	am 27.02.2010	55.9	9.09	55.9	am 27.02.2010	363	36.7	36.7	69.4	21.2	6.92					
Nq	l/(skm <sup>2</sup> )	2.32		3.18	2.32	2.32		361	35.9	35.9	69.4	19.0	6.70						
Mq	l/(skm <sup>2</sup> )	6.40		8.78	4.05	6.42		360	35.9	35.9	69.4	17.1	6.04						
Hq	l/(skm <sup>2</sup> )	78.1		78.1	12.7	78.1		359	35.9	35.9	53.8	15.9	5.84						
h <sub>N</sub>	mm							358	19.9	19.9	32.6	14.7	5.68						
h <sub>A</sub>	mm	202		137	64	203		357	17.0	18.4	31.2	13.8	4.40						
1937/2010 (*) 74 Jahre				1937/2010															
NQ	m <sup>3</sup> /s	0.540	am 30.07.1992	0.600	0.540	0.540	am 30.07.1992	356	13.3	13.3	29.3	13.0	4.40						
MNQ	m <sup>3</sup> /s	1.42		1.84	1.74	1.54		350	10.0	10.0	21.9	10.4	2.83						
MQ	m <sup>3</sup> /s	4.05		4.96	3.16	4.06		340	8.33	8.59	17.7	8.44	2.22						
MHQ	m <sup>3</sup> /s	48.2		45.1	20.1	49.7		330	7.77	7.77	16.1	7.26	2.12						
HQ	m <sup>3</sup> /s	147	am 05.11.1940	147	87.2	147	am 05.11.1940	320	6.64	6.64	13.6	6.49	1.96						
HQ <sub>1</sub>	m <sup>3</sup> /s							300	5.83	5.83	11.5	5.44	1.80						
HQ <sub>5</sub>	m <sup>3</sup> /s							270	5.09	4.87	9.00	4.54	1.63						
MNQ	l/(skm <sup>2</sup> )	1.98		2.57	2.43	2.15		240	4.47	4.47	7.70	3.91	1.62						
Mq	l/(skm <sup>2</sup> )	5.66		6.93	4.41	5.67		210	4.30	4.30	6.98	3.43	1.44						
MHq	l/(skm <sup>2</sup> )	67.3		63.0	28.1	69.4		183	4.13	4.13	6.52	3.12	1.35						
Mh <sub>N</sub>	mm							150	3.45	3.62	5.78	2.75	1.17						
Mh <sub>A</sub>	mm	178		108	70	179		130	3.14	3.14	5.64	2.52	1.06						
Extremwerte	Niedrigwasser				Hochwasser														
	m <sup>3</sup> /s				l/(skm <sup>2</sup> )				cm										
	Datum				Datum														
	1	0.540	0.754	30.07.1992	147	205	05.03.1956	25	2.28	2.28	4.60	1.38	0.930						
	2	0.560	0.782	17.06.1977	147	205	05.11.1940	20	2.14	2.14	4.60	1.29	0.870						
	3	0.560	0.782	25.08.1976	124	173	09.02.1946	15	2.14	2.14	4.60	1.22	0.870						
	4	0.600	0.838	11.10.1960	124	173	20.03.1942	10	2.14	2.14	4.40	1.13	0.800						
	5	0.600	0.838	01.11.1959+	122	170	15.03.1947	9	2.14	2.14	4.40	1.10	0.800						
	6	0.640	0.894	07.10.1949+	116	162	09.02.1941	8	2.01	2.01	4.40	1.07	0.800						
	7	0.640	0.894	08.12.1947+	87.2	122	20.07.1956	7	2.01	2.01	4.40	1.05	0.800						
8	0.650	0.908	22.06.1954	85.2	119	14.01.1948	6	1.89	1.89	4.40	1.02	0.800							
9	0.670	0.936	01.07.1992	80.9	113	28.12.1947	5	1.89	1.89	4.40	1.00	0.760							
10	0.670	0.936	15.12.1991+	80.8	113	04.06.1981	4	1.77	1.77	4.40	0.990	0.760							

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





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

PNP: NHH+293.57 m

Lage: 45.2 km oberhalb Mündung links



Pegel : Arnstadt

Gewässer : Gera

Gebiet : Unstrut

Nr. 574200

m<sup>3</sup>/s

Tag	2009		2010																
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez					
1.	K 0.760	K 2.84	K 5.92	1.36	7.61	6.14	1.36	K 1.79	K 0.970	K 0.970	K 2.48	K 1.50	K 1.36	K 3.58					
2.	K 0.760	K 3.20	K 5.70	1.36	7.11	5.48	1.36	K 1.79	K 1.09	K 1.09	K 1.95	K 1.50	K 1.22	K 3.39					
3.	K 1.09	K 3.39	K 5.26	1.50	6.14	4.60	1.50	K 1.79	K 1.09	K 0.970	K 1.95	K 1.36	K 1.36	K 2.84					
4.	K 1.22	K 3.20	K 4.82	1.50	5.70	4.39	1.36	K 1.64	K 1.09	K 0.970	K 1.64	K 1.36	K 1.36	K 2.66					
5.	K 1.64	K 2.84	K 4.39	1.50	5.26	3.77	1.36	K 1.64	K 1.09	K 0.970	K 1.64	K 1.36	K 1.36	K 2.48					
6.	K 1.79	K 3.02	K 3.97	1.36	4.60	3.39	1.36	K 1.50	K 1.22	K 1.36	K 1.50	K 1.36	K 1.36	K 2.30					
7.	K 1.36	K 3.02	K 3.58	1.36	4.39	3.20	1.50	K 1.50	K 1.09	K 1.50	K 1.50	K 1.36	K 1.79	K 2.30					
8.	K 1.22	K 3.20	K 3.39	1.36	3.97	3.02	1.36	K 1.50	K 1.09	K 1.22	K 1.50	K 1.36	K 1.79	K 1.95					
9.	K 1.36	K 3.39	3.20	1.22	3.58	2.84	1.22	K 1.50	K 1.09	K 1.09	K 1.50	K 1.36	K 1.22	K 1.95					
10.	K 1.50	K 3.58	3.02	1.22	3.39	2.66	1.64	K 1.50	K 0.970	K 1.09	K 1.50	K 1.36	K 2.30	K 1.79					
11.	K 1.50	K 7.36	2.84	0.970	3.39	2.84	1.50	K 1.36	K 0.970	K 1.09	K 1.50	K 1.36	K 1.79	K 1.79					
12.	K 1.50	K 7.36	2.66	0.970	3.20	3.20	2.30	K 1.36	K 0.860	K 1.09	K 1.50	K 1.36	K 2.48	K 2.48					
13.	K 1.36	K 6.61	2.30	1.09	3.02	3.20	1.95	K 1.50	K 1.09	K 1.09	K 1.50	K 1.36	K 5.26	K 2.48					
14.	K 1.22	K 6.61	2.30	1.09	3.02	3.02	1.79	K 1.50	K 1.09	K 1.09	K 1.36	K 1.36	K 5.70	K 2.30					
15.	K 1.22	K 5.70	2.12	1.22	3.02	3.20	1.95	K 1.50	K 1.22	K 1.09	K 1.36	K 1.36	K 4.39	K 2.30					
16.	K 1.09	K 5.26	2.12	1.22	3.02	3.20	1.95	K 1.50	K 1.09	K 1.09	K 1.36	K 1.50	K 7.36	K 2.30					
17.	K 1.36	K 4.82	1.95	1.09	2.84	2.84	1.79	K 1.50	K 1.09	K 1.22	K 1.36	K 1.64	K 8.14	K 2.30					
18.	K 1.79	K 4.39	2.12	1.50	2.48	2.84	1.79	K 1.36	K 1.22	K 1.50	K 1.36	K 1.50	K 7.36	K 2.30					
19.	K 1.79	K 3.97	1.95	1.64	2.30	2.66	2.12	K 1.36	K 0.970	K 1.36	K 1.22	K 1.50	K 6.14	K 2.12					
20.	K 1.79	K 3.39	1.95	1.79	2.66	2.66	2.48	K 1.36	K 0.660	K 1.22	K 1.22	K 1.79	K 5.70	2.30					
21.	K 1.64	K 3.77	1.95	1.79	4.60	2.48	2.30	K 1.36	K 0.660	K 1.09	K 1.22	K 1.79	K 5.26	2.30					
22.	K 1.50	K 3.97	1.79	1.79	7.11	2.30	2.12	K 1.22	K 0.660	K 1.09	K 1.22	K 1.79	K 5.04	2.12					
23.	K 1.64	K 4.39	1.64	2.30	6.86	2.30	2.12	K 1.22	K 0.970	K 1.22	K 1.09	K 1.79	K 5.26	2.48					
24.	K 4.18	K 3.77	1.50	3.02	6.61	2.12	1.95	K 1.09	K 1.36	K 1.36	K 1.09	K 1.79	K 5.26	2.66					
25.	K 4.18	K 4.39	1.50	3.97	6.37	1.95	1.95	K 1.09	K 1.36	K 1.22	K 1.22	K 1.64	K 4.60	2.66					
26.	K 3.20	K 4.60	1.36	5.70	6.37	1.95	1.95	K 1.09	K 1.22	K 1.09	K 1.36	K 1.64	K 4.60	2.66					
27.	K 3.02	K 4.60	1.09	7.11	7.11	1.79	1.79	K 1.09	K 1.22	K 1.50	K 1.36	K 1.64	K 4.39	2.66					
28.	K 3.02	K 4.60	1.36	6.86	6.37	1.64	1.95	K 1.09	K 1.22	K 1.95	K 1.79	1.50	K 4.18	2.48					
29.	K 3.77	K 4.39	1.50		6.61	1.50	2.12	K 1.09	K 1.36	K 1.79	K 1.79	1.50	K 3.97	2.12					
30.	K 3.58	K 4.82	1.50		7.36	1.36	2.12	K 1.09	K 1.22	K 2.48	K 1.64	1.36	K 3.77	2.12					
31.		K 5.92	1.36		7.36		1.79		K 1.22	K 2.30		1.50		2.66					
Tag	1.+	1.+	27.	11.+	19.	30.	9.	24.+	20.+	1.+	23.+	3.+	2.	10.+					
NQ	0.760	2.84	1.09	0.970	2.30	1.36	1.22	1.09	0.660	0.970	1.09	1.36	1.22	1.79					
MQ	1.90	4.40	2.65	2.10	4.95	2.95	1.80	1.40	1.10	1.30	1.49	1.50	3.90	2.40					
HQ	6.14	8.14	6.14	8.14	9.54	8.42	3.02	1.79	3.20	3.39	2.48	1.79	8.98	4.82					
Tag	24.	11.	1.	27.	27.	1.	12.	1.	23.	30.	1.	17.	16.	1.					
h <sub>N</sub>	mm																		
h <sub>A</sub>	mm	28	67	41	29	76	44	28	21	17	20	22	23	58	37				
		1924/2009		1925/2010												81 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	1.18	1.35	1.46	1.63	1.83	2.30	1.62	1.23	0.994	0.890	0.823	0.923	1.20	1.38					
MQ	2.24	2.72	2.93	2.89	3.39	3.88	2.49	1.96	1.51	1.30	1.26	1.58	2.26	2.78					
MHQ	6.01	7.24	8.00	6.74	7.74	8.03	4.72	4.31	3.47	3.00	2.81	3.75	5.94	7.37					
HQ	50.0	34.5	32.1	27.2	28.5	58.9	15.9	25.1	14.0	75.7	16.6	11.0	50.0	34.5					
Jahr	1940	1939	1993	2002	1981	1994	1941	1933	1955	1981	2007	1954	1940	1939					
Mh <sub>N</sub>	mm																		
Mh <sub>A</sub>	mm	33	42	45	40	52	58	38	29	23	20	19	24	34	43				
		Abflussjahr (*)				Kalenderjahr				Unter		Unterschr. Abflüsse							
		2010				2010				schreitungs-		Abfluss-		1925/2010		81 Kalenderjahre			
		Jahr		Datum		Winter		Sommer		Jahr		Datum		Obere		Mittlere		Untere	
														Hüllwerte		Werte		Hüllwerte	
NQ	m <sup>3</sup> /s	0.660	am 20.07.2010	0.760	0.660	0.660	am 20.07.2010	0.660	am 20.07.2010	(365)	7.61	8.14	45.6	14.7	4.03				
MQ	m <sup>3</sup> /s	2.30		3.18	1.43	2.29		2.29		364	7.61	7.61	36.5	12.4	3.90				
HQ	m <sup>3</sup> /s	9.54	am 27.03.2010	9.54	3.39	9.54	am 27.03.2010	9.54	am 27.03.2010	363	7.61	7.61	27.2	10.8	3.60				
Nq	l/(skm <sup>2</sup> )	3.78		4.35	3.78	3.78		3.78		362	7.61	7.61	26.2	9.83	3.45				
Mq	l/(skm <sup>2</sup> )	13.2		18.2	8.19	13.1		13.1		361	7.61	7.61	20.5	9.27	3.45				
Hq	l/(skm <sup>2</sup> )	54.6		54.6	19.4	54.6		54.6		360	7.61	7.61	20.1	8.88	3.45				
h <sub>N</sub>	mm									359	7.36	7.61	16.3	8.44	2.99				
h <sub>A</sub>	mm	415		285	130	413		413		358	7.36	7.36	15.6	8.17	2.99				
		1925/2010 (*)				1925/2010													
NQ	m <sup>3</sup> /s	0.210	am 27.12.1948	0.210	0.250	0.210	am 01.01.1949	0.210	am 01.01.1949	270	3.02	2.66	5.13	2.84	1.22				
MNQ	0.669			0.925	0.714	0.674		0.674		240	2.30	2.30	4.41	2.32	1.09				
MQ	2.35			3.02	1.69	2.35		2.35		210	1.95	2.12	3.90	1.96	1.01				
MHQ	16.6			15.3	8.21	16.4		16.4		183	1.79	1.95	3.45	1.67	0.960				
HQ	75.7	am 10.08.1981		58.9	75.7	75.7	am 10.08.1981	75.7	am 10.08.1981	150	1.64	1.64	2.98	1.46	0.800				
HQ <sub>1</sub>	m <sup>3</sup> /s									130	1.50	1.64	2.69	1.34	0.720				
HQ <sub>5</sub>	m <sup>3</sup> /s									120	1.50	1.50	2.69	1.23	0.720				
MNq	l/(skm <sup>2</sup> )	3.83		5.29	4.09	3.86		3.86		110	1.50	1.50	2.54	1.21	0.610				
Mq	l/(skm <sup>2</sup> )	13.5		17.3	9.67	13.5		13.5		100	1.50	1.50	2.37	1.11	0.610				
MHq	l/(skm <sup>2</sup> )	95.0		87.6	47.0	93.9		93.9		90	1.36	1.50	2.18	1.10	0.500				
Mh <sub>N</sub>	mm									80	1.36	1.50	2.12	1.02	0.500				
Mh <sub>A</sub>	mm	424		270	154	424		424		70	1.36	1.36	1.95	0.976	0.500				
		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	75.7	433	10.08.1981	25	1.22	1.22	1.64	0.670	0.410				
2	0.250	1.43	28.08.1964+	58.9	337	13.04.1994	58.9	337	13.04.1994	20	1.22	1.22	1.64	0.670	0.400				
3	0.300	1.72	08.09.1949	50.0	286	05.11.1940	50.0	286	05.11.1940	15	1.09	1.22	1.64	0.590	0.340				
4	0.320	1.83	13.12.1924+	34.5	197	01.12.1939	34.5	197	01.12.1939	10	1.09	1.09	1.50	0.560	0.300				
5	0.330	1.89	05.02.1963+	32.1	184	12.01.1993	32.1	184	12.01.1993	9	1.09	1.09	1.50	0.530	0.300				
6	0.350	2.00	15.02.1954+	30.0	172	20.01.1986	30.0	172	20.01.1986	8	1.09	1.09	1.50	0.520	0.300				
7	0.370	2.12	15.07.2003+	29.6	169	30.11.1939	29.6	169	30.11.1939	7	1.09	1.09	1.50	0.500	0.300				
8	0.390	2.23	17.08.1976	28.5	163	28.03.1981+	28.5	163	28.03.1981+	6	1.09	1.09	1.50	0.500	0.300				
9	0.400	2.29	07.01.1954+																

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

PNP: NHH+213.15 m

Lage: 29.7 km oberhalb Mündung rechts



m<sup>3</sup>/s

Pegel : Erfurt-Möbisburg

Gewässer : Gera

Gebiet : Unstrut

Nr. 574210

Tag	2009		2010															
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez				
1.	2.48	11.4	16.8	5.58	21.4	14.6	4.30	6.26	2.18	3.86	10.0	5.58	3.86	9.02				
2.	3.02	10.8	15.3	5.26	19.1	12.8	4.62	6.62	2.18	3.86	9.02	5.58	3.64	8.69				
3.	4.30	9.35	13.9	5.58	17.2	10.8	4.94	5.90	2.18	3.64	7.70	5.26	3.42	8.03				
4.	4.62	9.35	12.8	5.26	15.0	10.0	4.62	5.26	2.06	3.02	6.98	4.62	3.02	7.34				
5.	5.26	9.02	R 12.2	5.26	13.5	9.35	4.30	5.26	2.06	3.02	6.62	4.30	2.84	6.26				
6.	4.62	8.03	R 11.4	4.94	12.5	8.03	4.62	4.94	2.30	6.26	5.90	4.30	3.02	5.58				
7.	4.30	8.03	R 11.1	4.94	11.4	7.70	4.94	4.94	2.30	5.26	5.26	4.30	3.86	5.58				
8.	4.08	8.03	10.0	4.62	10.8	7.34	4.30	4.62	2.18	4.08	5.26	4.30	4.30	5.90				
9.	4.62	8.36	9.35	4.62	10.0	7.34	4.08	4.08	2.18	3.64	5.26	4.08	4.30	6.26				
10.	4.94	8.36	9.02	4.62	9.35	6.98	4.62	3.86	2.18	3.42	4.62	4.08	3.64	6.26				
11.	4.62	17.9	8.69	4.62	9.02	7.34	4.30	3.64	2.18	3.20	4.30	4.08	4.08	8.69				
12.	4.30	16.8	7.70	4.30	9.02	7.70	8.03	3.64	2.30	4.08	4.08	4.08	5.26	23.0				
13.	4.62	14.2	7.34	4.30	8.36	7.34	5.58	3.64	3.20	4.30	4.08	4.08	8.03	17.2				
14.	4.30	12.2	7.34	4.30	8.36	6.98	4.94	3.42	2.48	3.64	4.08	3.86	10.0	12.8				
15.	4.08	11.1	7.34	4.62	8.69	7.34	5.58	3.42	2.66	4.30	4.30	3.86	8.69	11.1				
16.	4.08	10.0	6.98	4.30	8.03	6.98	5.26	3.20	2.30	4.30	4.08	4.30	28.2	10.4				
17.	4.62	9.02	6.98	3.86	7.34	6.62	4.94	3.02	2.18	6.62	4.08	5.26	26.2	10.0				
18.	5.58	8.69	8.03	4.30	6.98	6.26	4.30	3.02	2.30	7.70	4.08	4.30	20.2	9.35				
19.	4.94	7.70	9.35	4.30	6.62	5.90	6.62	2.84	2.30	7.34	3.64	4.30	17.9	8.69				
20.	4.94	6.98	10.8	4.30	7.34	5.58	8.69	2.84	2.30	5.90	3.42	4.30	14.2	8.69				
21.	4.62	7.34	9.70	4.30	10.8	5.90	6.98	2.84	2.30	5.26	3.42	4.30	12.5	8.36				
22.	4.62	8.03	8.36	4.30	16.4	5.58	6.26	2.86	2.30	4.94	3.42	4.30	12.5	8.36				
23.	4.30	9.70	7.70	11.8	16.1	5.26	6.26	2.84	4.94	5.90	3.20	4.30	16.8	8.03				
24.	6.62	8.36	7.34	19.4	14.6	4.94	5.26	2.84	6.62	7.34	3.20	4.30	19.4	8.36				
25.	5.90	12.8	6.98	22.2	13.9	4.94	4.94	2.66	3.64	5.90	4.30	4.30	15.7	9.36				
26.	5.26	13.9	6.62	25.4	13.5	4.62	4.94	2.66	3.86	5.58	4.94	4.62	13.9	7.70				
27.	5.26	11.4	5.90	24.2	15.0	4.30	5.58	2.66	3.86	6.26	5.58	4.62	12.5	7.70				
28.	5.26	10.4	6.26	21.0	14.6	4.30	6.26	2.66	3.02	7.70	11.8	4.30	11.1	7.70				
29.	4.94	9.70	6.26		15.3	4.30	5.90	2.48	4.08	7.34	9.02	4.30	10.8	6.26				
30.	4.62	11.4	6.26		16.1	4.30	5.26	2.30	3.86	9.70	6.62	4.30	9.70	6.26				
31.		15.0	5.58		16.1		5.90		5.26		11.8	4.30		5.90				
Tag	1.	20.	31.	17.	19.	27.+	9.	30.	4.+	4.+	23.+	14.+	5.	6.+				
NQ	2.48	6.98	5.58	3.86	6.62	4.30	4.08	2.30	2.06	3.02	3.20	3.86	2.84	5.58				
MQ	4.66	10.4	9.01	8.09	12.3	7.05	5.39	3.70	2.89	5.46	5.41	4.41	10.5	8.77				
HQ	8.36	21.0	17.2	30.6	21.4	15.7	10.8	6.98	14.6	13.5	14.6	6.26	43.0	25.8				
Tag	24.	11.	1.	25.	1.	1.	19.+	2.	23.	31.	28.	2.	16.	12.				
h <sub>N</sub>	mm																	
h <sub>A</sub>	mm	14	33	29	23	39	22	17	11	9	17	17	14	32	28			
1930/2009			1931/2010												80 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	2.66	3.09	3.37	3.90	4.61	5.29	3.61	2.74	2.23	1.94	1.84	2.03	2.65	3.13				
MQ	5.04	6.60	7.38	7.90	9.20	9.51	5.90	4.85	3.69	3.17	2.88	3.54	5.03	6.66				
MHQ	14.4	19.6	23.0	21.7	25.5	23.2	14.0	15.9	10.6	10.9	7.39	8.47	14.4	19.8				
HQ	114	133	81.7	166	133	220	84.4	121	66.3	176	75.6	51.5	114	133				
Jahr	1940	1947	2003	1946	1942	1994	1969	1961	1956	1981	2007	1960	1940	1947				
Mh <sub>N</sub>	mm																	
Mh <sub>A</sub>	mm	16	21	23	23	29	29	19	15	12	10	9	11	15	21			
Abflussjahr (*)			Kalenderjahr				Unter		Unterschnittene Abflüsse m <sup>3</sup> /s									
2010			2010				schreitungs-		Abfluss-		Kalender-		1931/2010		80 Kalenderjahre			
Jahr			Datum		Winter		Sommer		Jahr		Datum		Obere		Mittlere		Untere	
													Hüllwerte		Werte		Hüllwerte	
NQ	m <sup>3</sup> /s	2.06	am 04.07.2010	2.48	2.06	2.06	am 04.07.2010		(365)	25.4	28.2	172	42.4	11.8				
MQ	m <sup>3</sup> /s	6.57		8.63	4.54	6.91		am 04.07.2010	364	24.2	26.2	114	34.8	8.42				
HQ	m <sup>3</sup> /s	30.6	am 25.02.2010	30.6	14.6	43.0	am 16.11.2010		363	22.2	25.4	91.8	30.6	8.09				
Nq	l/(skm <sup>2</sup> )	2.44		2.94	2.44	2.44			361	21.4	24.2	77.4	28.1	7.76				
Mq	l/(skm <sup>2</sup> )	7.80		10.2	5.39	8.20			360	21.0	23.0	71.0	26.3	7.43				
Hq	l/(skm <sup>2</sup> )	36.3		36.3	17.3	51.0			359	19.4	22.2	68.4	24.8	7.10				
h <sub>N</sub>	mm								358	19.1	21.4	65.9	23.8	6.84				
h <sub>A</sub>	mm	246		160	86	259			357	17.9	21.0	61.8	22.8	6.84				
1931/2010 (*)			80 Jahre				1931/2010		Dauertabelle									
NQ	m <sup>3</sup> /s	0.480	am 24.09.1959	0.730	0.480	0.480	am 24.09.1959		356	17.2	20.2	59.7	21.8	6.84				
MNQ	m <sup>3</sup> /s	1.37		2.03	1.56	1.49			350	16.4	17.9	46.4	18.6	6.04				
MQ	m <sup>3</sup> /s	5.79		7.61	4.01	5.80			340	14.2	15.3	29.6	14.7	5.51				
MHQ	m <sup>3</sup> /s	53.3		46.5	28.0	53.2			330	12.5	13.9	24.1	12.4	4.40				
HQ	m <sup>3</sup> /s	220	am 13.04.1994	220	176	220	am 13.04.1994		320	11.4	12.2	22.8	10.9	3.61				
HQ <sub>1</sub>	m <sup>3</sup> /s								300	9.70	10.0	19.4	8.71	3.07				
HQ <sub>5</sub>	m <sup>3</sup> /s								270	8.03	8.36	15.1	6.80	2.62				
MNq	l/(skm <sup>2</sup> )	1.63		2.41	1.85	1.77			240	6.98	7.34	12.7	5.45	2.35				
Mq	l/(skm <sup>2</sup> )	6.87		9.03	4.76	6.88			210	6.26	6.62	11.1	4.46	2.15				
MHq	l/(skm <sup>2</sup> )	63.2		55.2	33.2	63.1			183	5.58	5.90	10.4	3.81	1.78				
Mh <sub>N</sub>	mm								150	4.94	5.26	8.64	3.22	1.45				
Mh <sub>A</sub>	mm	217		141	76	217			130	4.62	4.62	7.62	2.95	1.18				
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	0.480	0.570	24.09.1959+	220	261	13.04.1994												
2	0.490	0.581	02.09.1962	176	209	11.08.1981												
3	0.500	0.593	30.09.1948+	166	197	09.02.1946												
4	0.560	0.664	27.08.1964+	133	158	29.12.1947												
5	0.620	0.736	28.10.1949	133	158	18.03.1942												
6	0.660	0.783	10.07.1976+	121	144	10.06.1961												
7	0.760	0.902	17.12.1991	114	135	05.11.1940												
8	0.850	1.01	16.08.1989+	99.9	119	11.03.1981												
9	0.900	1.07	08.09.2004+	91.1	108	29.04.1961+												
10	0.900	1.07	11.08.1935+	84.5	100	21.08.1977												

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

Beeinflussung durch Talsperre Ohra und in geringfügigem Maße durch die Talsperren Tambach-Dietharz und Heyda 3 Tage Randeis

A<sub>Eo</sub> : 12.1 km<sup>2</sup>

PNP: NN + 473.60 m

Lage: 35.2 km oberhalb Mündung links



Pegel : Tambach-Dietharz 1

Nr. 574600

Gewässer : Apfelstätt

Gebiet : Unstrut

m<sup>3</sup>/s

Tag	2009		2010															
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez				
1.	0.170	0.440	0.830	0.090	1.34	1.59	0.140	0.260	0.050	0.040	0.980	0.220	0.170	0.260				
2.	0.170	0.460	0.900	0.090	1.23	1.34	0.130	0.310	0.050	0.040	0.830	0.220	0.170	0.260				
3.	0.180	0.530	0.830	0.090	1.02	1.12	0.130	0.310	0.050	0.040	0.710	0.220	0.140	0.240				
4.	0.250	0.550	0.710	0.080	0.790	0.850	0.130	0.330	0.040	0.040	0.590	0.220	0.140	0.220				
5.	0.360	0.510	0.630	0.080	0.670	0.730	0.110	0.310	0.040	0.040	0.490	0.220	0.130	0.190				
6.	0.480	0.510	0.530	0.080	0.570	0.610	0.110	0.290	0.040	0.060	0.410	0.220	0.130	0.190				
7.	0.490	0.510	0.460	0.070	0.480	0.530	0.120	0.290	0.040	0.060	0.390	0.190	0.140	0.180				
8.	0.490	0.550	0.390	0.070	0.410	0.480	0.120	0.260	0.030	0.060	0.310	0.180	0.140	0.170				
9.	0.510	0.570	0.340	0.070	0.360	0.410	0.110	0.240	0.040	0.040	0.280	0.170	0.130	0.170				
10.	0.510	0.650	0.290	0.070	0.330	0.370	0.100	0.210	0.040	0.040	0.250	0.160	0.140	0.160				
11.	0.530	1.28	0.280	0.060	0.290	0.360	0.100	0.190	0.040	0.040	0.210	0.140	0.140	0.170				
12.	0.310	1.66	0.240	0.060	0.260	0.360	0.130	0.180	0.030	0.040	0.180	0.140	0.170	0.210				
13.	0.190	1.47	0.220	0.060	0.240	0.360	0.110	0.170	0.030	0.040	0.170	0.130	0.220	0.220				
14.	0.170	1.12	0.210	0.060	0.220	0.360	0.110	0.140	0.040	0.050	0.170	0.120	0.260	0.220				
15.	0.120	0.850	0.180	0.050	0.220	0.370	0.110	0.140	0.030	0.050	0.160	0.120	0.310	0.240				
16.	0.040	0.710	0.170	0.050	0.240	0.390	0.110	0.130	0.030	0.060	0.140	0.130	0.570	0.240				
17.	0.020	0.570	0.160	0.050	0.220	0.390	0.120	0.120	0.030	0.120	0.140	0.130	1.08	0.220				
18.	0.020	0.480	0.160	0.050	0.220	0.370	0.120	0.110	0.030	0.250	0.130	0.120	1.12	0.220				
19.	0.070	0.410	0.160	0.050	0.250	0.360	0.140	0.100	0.030	0.360	0.120	0.120	0.980	0.210				
20.	0.170	0.360	0.140	0.050	0.460	0.340	0.180	0.100	0.030	0.370	0.120	0.140	0.850	0.190				
21.	0.170	0.330	0.140	0.050	1.23	0.330	0.180	0.090	0.030	0.360	0.110	0.180	0.790	0.190				
22.	0.130	0.310	0.130	0.050	2.01	0.280	0.210	0.090	0.030	0.340	0.110	0.210	0.730	0.180				
23.	0.070	0.290	0.130	0.070	1.73	0.250	0.210	0.080	0.060	0.310	0.100	0.250	0.670	0.220				
24.	0.050	0.280	0.120	0.190	1.59	0.240	0.220	0.080	0.060	0.310	0.100	0.260	0.570	0.310				
25.	0.210	0.310	0.120	0.390	1.53	0.210	0.220	0.080	0.040	0.280	0.100	0.260	0.480	0.340				
26.	0.340	0.330	0.120	0.680	1.66	0.210	0.210	0.080	0.040	0.280	0.110	0.250	0.410	0.340				
27.	0.390	0.370	0.100	1.08	1.66	0.190	0.210	0.070	0.040	0.340	0.110	0.220	0.360	0.340				
28.	0.390	0.410	0.100	1.17	1.59	0.180	0.240	0.070	0.040	0.420	0.170	0.210	0.340	0.340				
29.	0.370	0.410	0.100		1.66	0.170	0.240	0.060	0.080	0.510	0.180	0.190	0.330	0.330				
30.	0.360	0.440	0.090		1.89	0.160	0.240	0.050	0.040	0.750	0.170	0.190	0.310	0.310				
31.		0.590	0.090		1.80		0.260		0.040	1.02		0.190		0.280				
Tag	17.+	24.	30.+	15.+	14.+	30.	10.+	30.	8.+	1.+	23.+	14.+	5.+	10.				
NQ	0.020	0.280	0.090	0.050	0.220	0.160	0.100	0.050	0.030	0.040	0.100	0.120	0.130	0.160				
MQ	0.258	0.589	0.293	0.179	0.909	0.464	0.157	0.165	0.040	0.218	0.268	0.185	0.404	0.237				
HQ	0.530	1.66	0.940	1.23	2.09	1.73	0.280	0.370	0.290	1.08	1.08	0.340	1.12	0.340				
Tag	11.+	12.	2.	28.	22.	1.	28.	4.	23.	31.	1.	6.	17.+	24.				
h <sub>N</sub>	mm																	
h <sub>A</sub>	mm	55	130	65	36	201	99	35	35	9	48	57	41	87	52			
1930/2009			1931/2010												80 Jahre			
Jahr	1968	1962	1954+	1963	1942+	2002	2007	2003	1997	1934+	1934+	1947+	1968	1962				
NQ	0.000	0.010	0.020	0.010	0.020	0.000	0.030	0.000	0.000	0.010	0.010	0.010	0.000	0.010				
MNQ	0.110	0.139	0.126	0.135	0.160	0.229	0.120	0.082	0.071	0.063	0.064	0.073	0.108	0.140				
MQ	0.314	0.409	0.368	0.366	0.464	0.565	0.260	0.204	0.170	0.144	0.159	0.209	0.310	0.410				
MHQ	0.839	1.31	1.11	0.980	1.29	1.33	0.612	0.567	0.438	0.445	0.508	0.616	0.834	1.30				
HQ	4.22	7.16	5.21	5.89	6.63	6.88	3.70	5.01	2.41	3.66	5.45	4.41	4.22	7.16				
Mh <sub>N</sub>	mm																	
Mh <sub>A</sub>	mm	67	91	81	73	103	121	58	44	38	32	34	46	66	91			
Abflussjahr (*)			Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s											
2010			2010				Abflussjahr (*)					1931/2010						
Jahr			Datum		Winter		Sommer		Jahr		Datum		Untere Hüllwerte		Mittlere Werte		Obere Hüllwerte	
NQ	m <sup>3</sup> /s	0.020	am 17.11.2009		0.020	0.030			0.030	am 08.07.2010				2.01	2.01	6.63	2.66	0.630
MQ	m <sup>3</sup> /s	0.312			0.454	0.172			0.294					1.89	1.89	6.38	2.25	0.610
HQ	m <sup>3</sup> /s	2.09	am 22.03.2010		2.09	1.08			2.09	am 22.03.2010				1.80	1.80	5.89	2.01	0.610
Nq	l/(skm <sup>2</sup> )	1.65			1.65	2.48			2.48					1.73	1.73	5.45	1.80	0.610
Mq	l/(skm <sup>2</sup> )	25.8			37.5	14.2			24.3					1.73	1.73	5.45	1.66	0.590
Hq	l/(skm <sup>2</sup> )	173			173	89.3			173					1.66	1.66	2.50	1.40	0.550
h <sub>N</sub>	mm				587	226			766					1.47	1.34	1.89	1.17	0.530
h <sub>A</sub>	mm	813												0.980	0.900	1.53	0.900	0.460
1931/2010 (*) 80 Jahre			1931/2010															
NQ	m <sup>3</sup> /s	0.000	am 21.06.2003		0.000	0.000			0.000	am 21.06.2003				0.370	0.330	0.670	0.370	0.170
MNQ	m <sup>3</sup> /s	0.029			0.056	0.036			0.031					0.310	0.260	0.590	0.290	0.130
MQ	m <sup>3</sup> /s	0.302			0.415	0.191			0.302					0.240	0.240	0.510	0.220	0.090
MHQ	m <sup>3</sup> /s	2.82			2.55	1.45			2.83					0.210	0.170	0.390	0.140	0.050
HQ	m <sup>3</sup> /s	9.66	am 10.08.1981		7.16	9.66			9.66	am 10.08.1981				0.140	0.140	0.360	0.120	0.030
HQ <sub>1</sub>	m <sup>3</sup> /s													0.130	0.140	0.340	0.110	0.030
HQ <sub>5</sub>	m <sup>3</sup> /s													0.130	0.130	0.310	0.110	0.020
MNq	l/(skm <sup>2</sup> )	2.40			4.63	2.98			2.56					0.120	0.120	0.290	0.100	0.020
Mq	l/(skm <sup>2</sup> )	25.0			34.3	15.8			25.0					0.110	0.110	0.260	0.090	0.020
MHq	l/(skm <sup>2</sup> )	233			211	120			234					0.090	0.100	0.250	0.080	0.020
Mh <sub>N</sub>	mm													0.080	0.090	0.210	0.070	0.020
Mh <sub>A</sub>	mm	787			536	251			787					0.070	0.080	0.180	0.070	0.020
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	798	10.08.1981						9	0.040	0.040	0.110	0.030	0.010
2	0.000		12.04.2002+		7.16	592	28.12.1947						8	0.040	0.040	0.100	0.030	0.010
3	0.000		31.07.1997+		6.88	569	13.04.1994						7	0.040	0.040	0.100	0.030	0.010
4	0.000		06.11.1968+		6.63	548	11.03.1981+						6	0.040	0.040	0.100	0.030	0.010
5	0.010	0.826	02.09.1982+		5.89	487	09.02.1946						5	0.040	0.040	0.090	0.030	0.010
6	0.010	0.826	29.07.1976+		5.45	450	29.09.2007						4	0.040	0.040	0.090	0.030	0.010
7	0.010	0.826	01.11.1971+		5.21	431	01.04.2006						3	0.040	0.040	0.090	0.020	0.010
8	0.010	0.826	22.09.1964+		5.21	431	31.											



A<sub>E0</sub> : 524 km<sup>2</sup>

PNP: NHN+172.99 m

Lage: 29.4 km oberhalb Mündung links



m<sup>3</sup>/s

Pegel : Hachelbich

Gewässer : Wipper

Gebiet : Unstrut

Nr. 575240

	Tag	2009		2010														
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
Tageswerte	1.	1.43	3.38	8.11	2.40	19.6	6.98	K 3.10	K 3.69	K 1.56	K 1.20	K 1.80	K 1.92	1.31	2.61			
	2.	1.68	3.38	5.82	2.40	14.7	6.59	K 3.10	K 3.38	K 1.56	K 1.09	K 1.68	K 1.92	1.31	2.61			
	3.	2.84	2.61	4.70	2.61	12.4	5.82	K 3.69	K 3.10	K 1.56	K 1.09	K 1.68	K 1.80	1.20	R 2.40			
	4.	2.84	2.61	4.36	2.40	10.9	5.82	K 3.69	K 3.10	K 1.56	K 1.09	K 1.56	K 1.68	1.43	R 2.61			
	5.	3.38	2.61	3.69	2.40	9.84	5.82	K 3.38	K 2.84	K 1.56	K 1.20	K 1.43	K 1.68	1.43	R 2.61			
	6.	2.40	2.84	3.69	2.21	9.15	5.07	K 3.69	K 2.61	K 1.68	K 1.56	K 1.43	K 1.68	1.43	R 2.61			
	7.	2.05	3.69	R 3.38	2.21	8.11	5.07	K 4.70	K 2.40	K 1.68	K 1.43	K 1.43	K 1.68	1.68	R 2.40			
	8.	1.92	3.69	R 3.10	2.05	7.36	4.70	K 3.69	K 2.21	K 1.43	K 1.31	K 1.43	K 1.56	1.80	2.21			
	9.	1.92	3.10	R 3.10	2.05	6.98	4.36	K 3.38	K 2.21	K 1.43	K 1.43	K 1.43	K 1.56	1.68	2.05			
	10.	2.61	3.38	R 2.84	2.05	6.59	4.36	K 3.38	K 4.70	K 1.43	K 1.20	K 1.43	K 1.43	1.56	2.05			
	11.	2.21	12.4	R 2.61	2.05	6.59	4.36	K 3.10	K 2.84	K 1.31	K 1.20	K 1.68	K 1.43	1.56	3.69			
	12.	1.92	9.15	R 2.61	2.05	6.20	4.36	K 4.36	K 2.61	K 1.43	K 1.43	K 1.43	K 1.43	1.80	15.9			
	13.	1.92	7.74	R 2.61	2.05	5.82	4.36	K 3.38	K 2.40	K 1.43	K 1.80	K 1.43	K 1.43	2.21	10.9			
	14.	1.80	5.82	R 2.61	1.92	5.82	4.36	K 3.10	K 2.05	K 1.43	K 1.43	K 1.56	K 1.43	5.07	6.98			
	15.	1.80	4.36	R 2.61	1.80	6.20	4.01	K 3.38	K 1.92	K 1.68	K 1.31	K 1.80	K 1.43	2.84	5.44			
	16.	1.68	3.69	2.61	1.92	8.11	3.69	K 3.38	K 1.92	K 1.43	K 1.43	K 1.43	K 1.68	4.70	5.07			
	17.	2.40	3.69	2.61	1.80	6.98	3.69	K 3.10	K 1.92	K 1.31	K 2.21	K 1.56	K 1.80	4.70	4.36			
	18.	3.38	3.38	3.38	1.92	5.44	3.69	K 3.10	K 1.92	K 1.31	K 2.21	K 1.43	K 1.56	3.69	4.01			
	19.	2.61	3.38	6.98	1.92	5.44	3.69	K 3.69	K 1.92	K 1.20	K 1.68	K 1.43	K 1.43	3.69	3.69			
	20.	2.21	2.84	8.81	1.92	5.44	3.69	K 5.82	K 1.80	K 1.20	K 1.43	K 1.31	K 1.56	3.10	3.69			
	21.	2.05	2.84	6.98	1.92	5.82	3.69	K 4.70	K 1.80	K 1.20	K 1.31	K 1.31	K 1.43	2.84	3.10			
	22.	2.05	2.84	5.07	1.68	5.44	3.38	K 4.36	K 1.80	K 1.20	K 1.31	K 1.31	K 1.43	3.38	3.10			
	23.	1.92	3.10	4.01	9.15	5.07	3.38	K 3.69	K 1.68	K 1.56	K 3.10	K 1.31	K 1.43	7.36	2.84			
	24.	3.69	2.61	3.69	16.7	5.07	3.38	K 3.69	K 1.68	K 1.68	K 1.68	K 0.5	K 1.43	7.74	2.84			
	25.	2.84	4.01	3.69	15.5	4.70	3.38	K 4.01	K 1.68	K 1.31	K 1.43	K 1.43	K 1.43	6.98	2.61			
	26.	2.61	5.07	R 3.10	24.2	4.36	3.38	K 3.69	K 1.68	K 1.43	K 1.68	K 1.68	K 1.68	5.44	2.21			
	27.	2.40	3.38	R 2.84	23.8	4.70	3.38	K 3.69	K 1.56	K 2.21	K 2.84	K 1.92	K 1.43	4.36	2.40			
	28.	2.21	3.10	3.10	19.2	4.36	3.38	K 3.69	K 1.56	E 1.43	K 3.38	K 7.36	K 1.43	4.01	2.21			
	29.	2.21	3.10	3.10		6.20	3.38	K 3.38	K 1.56	K 1.31	K 1.92	K 3.10	K 1.31	3.10	2.21			
	30.	2.05	3.38	3.10		8.11	3.38	K 3.38	K 1.68	K 1.20	K 2.05	K 2.21	K 1.31	2.84	2.21			
	31.		15.1	2.61		8.46		K 3.38		K 1.31	K 2.05		K 1.31		2.21			
Hauptwerte	Tag	1.	3.+	11.+	22.	26.+	22.+	1.+	27.+	19.+	2.+	20.+	29.+	3.	9.+			
	NQ	1.43	2.61	2.61	1.68	4.36	3.38	3.10	1.56	1.20	1.09	1.31	1.31	1.20	2.05			
	MQ	2.30	4.40	3.92	5.51	7.42	4.29	3.67	2.27	1.45	1.67	1.78	1.53	3.21	3.74			
	HQ	4.70	22.1	11.3	29.0	23.0	7.74	7.36	7.74	3.38	6.59	10.2	2.05	8.11	17.6			
	Tag	18.	31.	1.	27.	1.	1.	20.	10.	23.+	23.+	28.	1.	14.	12.			
	h <sub>N</sub>	mm																
	h <sub>A</sub>	mm	11	22	20	25	38	21	19	11	7	9	9	8	16	19		
			1961/2009		1962/2010												49 Jahre	
	Jahr	2008	2006	1977+	1996	1963+	2007	2007	1976	1976	2008	2008	2008	2006	2006	2006		
	NQ	0.100	0.670	0.800	0.800	0.930	1.19	1.06	0.920	0.680	0.570	0.410	0.150	0.100	0.100	0.670		
MNQ	1.41	1.82	2.21	2.63	3.08	3.40	2.32	1.89	1.47	1.30	1.22	1.19	1.41	1.82	1.82			
MQ	2.30	3.64	4.39	4.79	5.68	4.88	3.38	2.74	2.08	1.75	1.61	1.69	2.33	3.62	3.62			
MHQ	6.36	13.0	15.3	14.5	15.5	10.7	8.38	8.92	5.86	5.23	4.78	4.36	6.46	12.8	12.8			
HQ	46.9	73.0	75.6	60.1	70.5	81.2	30.7	49.9	16.6	27.6	35.5	21.0	46.9	73.0	73.0			
HQ <sub>1</sub>	1998	1988	2003	1970	1994	1983	1971	1975	2002	1970	2007	1998	1998	1988	1988			
Mh <sub>N</sub>	mm																	
Mh <sub>A</sub>	mm	11	19	22	22	29	24	17	14	11	9	8	9	12	19			
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	0.100	0.191	19.11.2008		81.2	155	144	20.04.1983+									
	2	0.150	0.286	12.10.2008+		75.6	144		02.01.2003									
	3	0.540	1.03	15.10.2006+		73.0	139		20.12.1988									
	4	0.570	1.09	22.08.1976+		70.8	135		16.03.1994									
	5	0.680	1.30	07.08.1974+		63.6	121		31.12.2002									
	6	0.720	1.37	01.10.1971+		60.1	115		23.02.1970									
	7	0.730	1.39	02.09.1973		50.5	96.4		16.01.1968									
	8	0.780	1.49	25.07.1963+		49.9	95.2		23.06.1975									
9	0.800	1.53	15.09.2005+		47.6	90.8		05.06.1981										
10	0.800	1.53	17.09.2004+		47.5	90.6		31.12.1986										
Dauertabelle			Abflussjahr (*)				Kalenderjahr				Unterschr. Dauertabelle							
			2010		2010		2010		2010		1962/2010		49 Jahre					
			Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschreitungs-dauer in Tagen	Abfluss-jahr (*)	Kalender-jahr	1962/2010	Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte			
	NQ	m <sup>3</sup> /s	1.09	am 02.08.2010	1.43	1.09	1.09	am 02.08.2010	(365)	24.2	24.2	55.6	22.2	7.68				
	MQ	m <sup>3</sup> /s	3.34		4.64	2.06	3.36		364	23.8	23.8	45.9	18.5	6.90				
	HQ	m <sup>3</sup> /s	29.0	am 27.02.2010	29.0	10.2	29.0	am 27.02.2010	363	19.6	19.6	43.3	10.7	6.55				
	Nq	l/(skm <sup>2</sup> )	2.08		2.73	2.08	2.08		361	19.2	19.2	31.1	15.0	5.97				
	Mq	l/(skm <sup>2</sup> )	6.37		8.85	3.93	6.41		360	16.7	16.7	27.4	14.4	5.78				
	Hq	l/(skm <sup>2</sup> )	55.3		55.3	19.5	55.3		359	15.5	15.5	26.5	13.4	5.50				
	h <sub>N</sub>	mm							358	15.1	15.1	25.1	12.8	5.50				
h <sub>A</sub>	mm	201		138	62	202		357	14.7	14.7	25.1	12.1	5.50					
		1962/2010 (*) 49 Jahre				1962/2010												
NQ	m <sup>3</sup> /s	0.100	am 19.11.2008	0.100	0.150	0.100	am 19.11.2008	356	14.7	14.7	24.6	11.5	4.68					
MNQ	m <sup>3</sup> /s	0.903		1.30	1.04	0.982		350	9.84	8.81	18.6	9.50	3.65					
MQ	m <sup>3</sup> /s	3.24		4.28	2.21	3.24		340	7.36	7.36	15.0	7.74	3.28					
MHQ	m <sup>3</sup> /s	30.6		28.5	13.3	31.9		330	6.59	6.59	12.6	6.59	2.76					
HQ	m <sup>3</sup> /s	81.2	am 20.04.1983	81.2	49.9	81.2	am 20.04.1983	320	5.82	6.20	10.3	5.82	2.60					
HQ <sub>1</sub>	m <sup>3</sup> /s							300	4.70	5.07	8.72	4.83	2.30					
HQ <sub>5</sub>	m <sup>3</sup> /s							270	4.01	4.01	7.42	3.80	1.89					
MNq	l/(skm <sup>2</sup> )	1.72		2.48	1.98	1.87		240	3.69	3.69	6.40	3.10	1.63					
Mq	l/(skm <sup>2</sup> )	6.18		8.17	4.22	6.18		210	3.10	3.10	5.65	2.60	1.43					
MHQ	l/(skm <sup>2</sup> )	58.4		54.4	25.4	60.9		183	2.84	2.61	4.96	2.25	1.17					
Mh <sub>N</sub>	mm							150	2.21	2.21	4.04	1.91	1.04					
Mh <sub>A</sub>	mm	195		128	67	195		130	2.05	1.92	3.50	1.76	1.04					
		1962/2010 (*) 49 Jahre				1962/2010												
		1962/2010 (*) 49 Jahre				1962/2010												
		1962/2010 (*) 49 Jahre				1962/2010												
		1962/2010 (*) 49 Jahre				1962/2010												
		1962/2010 (*) 49 Jahre				1962/2010												
		1962/2010 (*) 49 Jahre				1962/2010												
		1962/2010 (*) 49 Jahre				1962/2010												
		1962/2010 (*) 49 Jahre				1962/2010												
		1962/2010 (*) 49 Jahre				1962/2010												
		1962/2010 (*) 49 Jahre				1962/2010												

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
16 Tage Randeis, 183 Tage Verkrautung, 1 Tag entkrautet

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

PNP: NHH+223.76 m

Lage: 1.5 km oberhalb Mündung links



Pegel : Bleicherode

Nr. 575250

Gewässer : Bode

Gebiet : Unstrut

m<sup>3</sup>/s

Table with 15 columns for years (2009, 2010) and 15 rows for days (1-31). Columns include Tag, 2009 (Nov, Dez), 2010 (Jan, Feb, Mrz, Apr, Mai, Jun, Jul, Aug, Sep, Okt, Nov, Dez). Rows contain numerical flow data.

Summary table with 15 columns for years (2003+, 1953, 1977, 1963, 1996, 1953, 2007, 2009, 1963, 1997, 1953, 2003+, 1953) and 15 rows for statistical metrics (Tag, NQ, MQ, HQ, Tag, hN, hA, etc.).

Main data table with 15 columns for years (2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010) and 15 rows for various flow metrics (NQ, MQ, HQ, Nq, Hq, hN, hA, etc.).

Table with 15 columns for years (2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010, 2010) and 15 rows for extreme values (Extremwerte) categorized by low water (Niedrigwasser) and high water (Hochwasser).

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. 15 Tage Verkrautung Thüringer Landesanstalt für Umwelt und Geologie

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	2009		2010														
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
1.	0.360	1.14	3.49	1.30	18.9	3.13	K 1.14	K 1.14	K 0.520	K 0.560	K 0.600	K 0.840	0.560	0.840			
2.	0.400	1.30	2.20	1.30	8.20	2.42	K 1.14	K 1.14	K 0.520	K 0.560	K 0.560	K 0.780	0.560	0.840			
3.	0.980	1.30	1.88	1.30	5.37	2.20	K 1.14	K 1.06	K 0.600	K 0.560	K 0.520	K 0.780	0.520	0.900			
4.	1.22	1.22	1.78	1.30	3.97	2.09	K 1.14	K 1.06	K 0.600	K 0.560	K 0.520	K 0.720	0.600	0.840			
5.	2.09	1.22	1.58	1.30	3.61	1.98	K 1.14	K 1.06	K 0.600	K 0.600	K 0.520	K 0.720	0.560	0.840			
6.	1.48	1.88	1.48	1.30	3.13	1.88	K 1.14	K 1.06	K 0.600	K 0.720	K 0.520	K 0.660	0.600	0.780			
7.	1.22	3.01	1.48	1.30	2.77	1.78	K 1.22	K 1.14	K 0.560	K 0.600	K 0.520	K 0.600	0.840	0.780			
8.	0.980	2.20	1.30	1.30	2.42	1.68	K 1.22	K 1.14	K 0.560	K 0.560	K 0.520	K 0.600	0.840	0.780			
9.	0.900	1.98	1.30	1.22	2.20	1.58	K 1.22	K 1.14	K 0.560	K 0.560	K 0.660	K 0.600	0.720	0.720			
10.	0.980	3.01	1.30	1.22	1.88	1.58	K 1.22	K 1.30	K 0.660	K 0.520	K 0.600	K 0.600	0.660	0.720			
11.	0.980	8.20	1.30	1.22	1.88	1.58	K 1.22	K 0.900	K 0.660	K 0.520	K 0.520	K 0.600	0.600	3.01			
12.	0.980	5.07	1.30	1.22	1.78	1.58	K 1.30	K 0.900	K 0.660	K 0.600	K 0.520	K 0.600	0.720	16.4			
13.	0.840	3.97	1.22	1.14	1.78	1.58	K 1.14	K 0.900	K 0.600	K 0.600	K 0.520	K 0.600	3.97	5.52			
14.	0.840	3.13	1.22	1.14	2.20	1.58	K 1.22	K 0.900	K 0.600	K 0.520	K 0.780	K 0.600	11.8	2.53			
15.	0.840	2.65	1.22	1.14	3.37	1.58	K 1.22	K 0.980	K 0.600	K 0.520	K 1.30	K 0.560	4.36	1.88			
16.	0.900	2.42	1.22	1.14	8.60	1.38	K 1.14	K 0.980	K 0.560	K 0.520	K 0.720	K 0.600	3.73	1.68			
17.	1.78	2.20	1.22	1.06	4.49	1.38	K 1.14	K 0.840	K 0.520	K 0.660	K 0.720	K 0.660	2.77	1.48			
18.	2.31	1.98	2.20	1.14	3.37	1.38	K 1.14	K 0.720	K 0.520	K 0.600	K 0.600	K 0.600	2.09	1.38			
19.	1.68	1.38	5.07	1.14	2.89	1.38	K 1.14	K 0.660	K 0.520	K 0.520	K 0.600	K 0.600	2.31	1.38			
20.	1.22	1.38	5.37	1.14	2.77	1.30	K 1.22	K 0.660	K 0.520	K 0.520	K 0.560	K 0.600	1.68	1.38			
21.	1.22	1.38	3.85	1.14	3.49	1.30	K 1.14	K 0.660	K 0.520	K 0.520	K 0.600	K 0.600	1.30	1.30			
22.	0.980	1.38	2.53	1.14	4.10	1.22	K 1.14	K 0.600	K 0.520	K 0.560	K 0.520	K 0.560	1.48	1.14			
23.	1.06	1.38	1.98	4.77	3.25	1.22	K 1.14	K 0.600	K 0.560	K 0.980	K 0.520	K 0.600	4.10	1.06			
24.	2.20	1.38	1.68	9.60	2.65	1.22	K 1.14	K 0.600	K 0.560	K 0.560	K 0.520	K 0.600	4.23	0.900			
25.	1.58	2.09	1.48	11.4	3.01	1.22	K 1.14	K 0.600	K 0.560	K 0.440	K 0.520	K 0.560	3.01	0.900			
26.	1.14	2.09	1.48	20.7	2.53	1.22	K 1.14	K 0.600	K 0.600	K 0.600	K 0.560	K 0.560	2.09	0.840			
27.	1.22	1.58	1.30	22.1	2.53	1.22	K 1.14	K 0.560	K 0.840	K 1.30	K 1.14	K 0.560	1.58	0.840			
28.	1.22	1.38	1.38	15.4	2.42	1.22	K 1.14	K 0.560	K 0.660	K 1.48	K 4.23	K 0.600	1.30	0.840			
29.	1.22	1.22	1.48		3.49	1.22	K 1.14	K 0.560	K 0.660	K 0.600	K 1.22	K 0.560	1.14	0.900			
30.	1.22	1.78	1.38		3.73	1.22	K 1.14	K 0.520	K 0.600	K 0.660	K 0.840	K 0.560	0.980	0.900			
31.		6.32	1.30		4.23		K 1.14		K 0.560	K 0.660		K 0.560		0.900			
Tag	1.	1.	13.+	17.	12.+	22.+	1.+	30.	1.+	25.	3.+	15.+	3.	9.+			
NQ	0.360	1.14	1.22	1.06	1.78	1.22	1.14	0.520	0.520	0.440	0.520	0.560	0.520	0.720			
MQ	1.20	2.34	1.90	3.95	3.90	1.58	1.17	0.851	0.586	0.637	0.768	0.619	2.06	1.78			
HQ	2.77	15.4	6.64	30.3	25.0	3.61	1.38	2.09	1.30	5.07	7.40	0.840	18.7	19.5			
Tag	4.	31.	19.+	26.	1.	1.	7.	10.	27.	27.+	28.	1.	13.+	12.			
h <sub>N</sub>	mm																
h <sub>A</sub>	mm	15	31	25	48	52	20	16	11	8	8	10	8	27	24		
		1957/2009		1958/2010										53 Jahre			
Jahr	1982	1983	1968	1980+	1972	1996	1980+	1980	1991+	1991+	1982+	1991	1982	1983			
NQ	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	0.597	0.730	0.774	0.984	1.12	1.20	0.958	0.753	0.662	0.557	0.554	0.562	0.590	0.725			
MQ	1.18	1.90	2.27	2.44	2.62	1.91	1.42	1.17	0.924	0.795	0.804	0.868	1.20	1.90			
MHQ	5.49	9.88	13.0	12.0	11.2	5.76	4.90	6.16	2.74	3.12	2.83	2.76	5.81	10.0			
HQ	52.5	44.2	48.0	33.2	47.7	32.3	30.2	41.0	11.4	29.6	30.6	37.5	52.5	44.2			
Jahr	1998	2002	2003	1970	2000	1983	1971	1981	1972	1970	2007	1998	1998	2002			
Mh <sub>N</sub>	mm																
Mh <sub>A</sub>	mm	15	25	30	29	35	25	19	15	12	11	10	12	15	25		
		Abflussjahr (*)				Kalenderjahr				Unterschiedliche Abflüsse m <sup>3</sup> /s				53 Kalenderjahre			
		2010		Winter		Sommer		2010		Abflussjahr (*)		Kalenderjahr		1958/2010		53 Kalenderjahre	
		Jahr	Datum					Jahr	Datum	Abflussjahr (*)	Kalenderjahr	Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte			
NQ	m <sup>3</sup> /s	0.360	am 01.11.2009	0.360	0.440			0.440	am 25.08.2010	22.1	22.1	33.0	17.0	4.21			
MQ	m <sup>3</sup> /s	1.61		2.47	0.771			1.63		20.7	20.7	32.7	14.1	3.72			
HQ	m <sup>3</sup> /s	30.3	am 26.02.2010	30.3	7.40			30.3	am 26.02.2010	18.9	18.9	23.3	11.8	3.26			
Nq	l/(skm <sup>2</sup> )	1.79		1.79	2.19			2.19		15.4	16.4	22.6	10.1	3.08			
Mq	l/(skm <sup>2</sup> )	8.01		12.3	3.84			8.11		11.4	15.4	21.3	8.92	2.90			
Hq	l/(skm <sup>2</sup> )	151		151	36.8			151		9.60	11.8	20.6	8.18	2.54			
h <sub>N</sub>	mm									8.60	11.4	18.3	7.40	2.54			
h <sub>A</sub>	mm	253		192	61			256		8.60	9.60	17.6	6.84	2.24			
		1958/2010 (*) 53 Jahre				1958/2010				300				2.53			
NQ	m <sup>3</sup> /s	0.080	am 14.12.1983	0.080	0.210	0.080	0.393	0.080	am 14.12.1983	2.09	1.98	4.42	2.01	0.920			
MNQ	m <sup>3</sup> /s	0.383		0.503	0.482			0.393		1.58	1.48	3.55	1.60	0.780			
MQ	m <sup>3</sup> /s	1.52		2.05	0.998			1.52		1.38	1.38	2.93	1.27	0.710			
MHQ	m <sup>3</sup> /s	25.1		23.0	10.6			25.6		1.30	1.22	2.67	1.09	0.640			
HQ	m <sup>3</sup> /s	52.5	am 01.11.1998	52.5	41.0			52.5	am 01.11.1998	1.22	1.22	2.44	0.950	0.600			
HQ <sub>1</sub>	m <sup>3</sup> /s									1.14	0.900	2.22	0.790	0.500			
HQ <sub>5</sub>	m <sup>3</sup> /s									0.900	0.780	2.11	0.750	0.450			
MNq	l/(skm <sup>2</sup> )	1.91		2.50	2.40			1.96		0.780	0.720	2.00	0.690	0.430			
Mq	l/(skm <sup>2</sup> )	7.56		10.2	4.97			7.56		0.660	0.660	2.00	0.660	0.430			
MHQ	l/(skm <sup>2</sup> )	125		114	52.7			127		0.660	0.660	1.90	0.630	0.360			
Mh <sub>N</sub>	mm									0.660	0.600	1.80	0.580	0.320			
Mh <sub>A</sub>	mm	238		159	79			238		0.600	0.600	1.80	0.560	0.320			
		Niedrigwasser				Hochwasser				25				0.560			
		m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum		0.560	0.560	1.60	0.440	0.280			
1	0.080	0.398	14.12.1983+	52.5	261	01.11.1998				0.560	0.560	1.60	0.350	0.240			
2	0.090	0.448	12.01.1968+	48.0	239	02.01.2003				0.560	0.560	1.60	0.330	0.240			
3	0.100	0.498	19.01.1986	47.7	237	03.03.2000				0.560	0.560	1.60	0.330	0.240			
4	0.100	0.498	03.01.1980+	45.3	225	18.03.1994				0.560	0.560	1.60	0.330	0.210			
5	0.100	0.498	04.12.1979+	44.2	220	30.12.2002				0.560	0.560	1.60	0.310	0.210			
6	0.100	0.498	07.01.1979	41.0	204	04.06.1981				0.560	0.560	1.60	0.300	0.160			
7	0.180	0.896	04.01.1970+	38.8	193	19.12.1988				0.560	0.560	1.60	0.300	0.160			
8	0.200	0.995	01.12.1967+	37.5	187	28.10.1998				0.440	0.560	1.60	0.250	0.100			
9	0.210	1.04	31.08.1996+	36.9	184	11.11.2007				1	0.400	0.560	1.60	0.220	0.100		
10	0.210	1.04	25.08.1991+	35.7	178	12.01.1993				0	0.360	0.440	1.50	0.080	0.080		

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

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	2009		2010																
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez					
1.	1.20	5.25	4.10	1.80	21.6	11.9	K 1.65	K 1.95	0.700	0.400	2.30	3.50	2.10	3.10					
2.	1.50	4.50	3.90	1.50	19.2	10.2	K 1.50	K 1.80	0.500	0.350	1.95	3.10	2.10	3.10					
3.	2.30	4.30	3.70	1.65	14.8	8.40	K 1.65	K 1.65	0.500	0.400	1.80	2.90	2.30	2.70					
4.	3.30	4.10	3.70	1.50	12.2	7.35	K 2.10	K 1.50	0.500	0.400	1.65	2.70	2.70	2.70					
5.	4.30	4.10	2.90	1.50	10.2	6.50	K 1.95	K 1.50	0.500	0.500	1.65	2.30	2.70	2.70					
6.	3.90	5.25	2.70	1.50	8.75	5.75	K 1.95	K 1.35	0.600	0.700	1.50	2.10	4.50	2.90					
7.	3.50	6.75	2.70	1.50	7.00	5.25	K 2.30	K 1.35	0.500	0.600	1.20	1.95	5.75	2.50					
8.	3.10	7.70	2.70	1.50	6.25	4.75	K 2.10	K 1.65	0.450	0.500	1.05	1.65	5.50	2.50					
9.	2.70	7.35	2.70	1.20	5.25	4.30	K 2.10	K 1.50	0.450	0.450	1.35	1.65	4.50	2.30					
10.	2.70	8.75	2.70	1.20	4.50	4.10	K 2.10	K 2.10	0.450	0.400	1.50	1.65	4.10	2.30					
11.	2.10	13.0	2.70	1.20	4.10	3.90	K 2.10	K 1.20	0.450	0.350	1.50	1.50	3.70	3.30					
12.	2.10	13.0	2.50	1.20	4.10	3.70	K 2.50	K 1.05	0.400	0.600	1.35	1.50	3.90	6.25					
13.	1.95	11.9	2.30	1.20	3.90	3.30	K 2.30	K 0.900	0.500	0.800	1.20	1.50	24.0	5.00					
14.	1.95	10.2	2.10	1.20	5.25	3.10	K 2.10	K 0.800	0.450	0.600	1.65	1.35	37.5	4.50					
15.	1.65	8.40	2.10	1.20	6.50	3.10	K 2.10	K 1.05	0.500	0.500	3.70	1.35	22.5	4.10					
16.	1.95	6.75	1.95	1.20	9.45	2.70	K 2.10	K 0.800	0.450	0.500	3.50	1.65	17.6	3.90					
17.	2.70	5.75	1.95	1.05	8.05	2.50	K 1.80	K 0.800	0.450	0.700	2.90	1.65	13.3	3.90					
18.	3.10	5.25	2.10	1.20	8.40	2.30	K 1.50	K 0.900	0.450	0.800	2.50	1.50	12.2	3.50					
19.	2.90	3.90	2.50	1.20	10.5	2.10	K 1.95	K 0.800	0.400	0.700	2.30	1.35	10.8	3.50					
20.	2.90	3.30	2.70	1.20	16.8	2.10	K 2.30	K 0.800	0.350	0.600	1.95	2.30	9.80	3.30					
21.	2.90	3.90	2.50	1.20	28.0	1.95	K 2.10	K 0.800	0.350	0.500	1.80	2.30	8.40	2.70					
22.	2.90	4.10	2.30	1.20	29.5	1.95	K 1.95	K 0.700	0.350	0.500	1.50	2.10	8.05	3.10					
23.	3.50	3.90	2.10	1.95	20.4	1.95	K 1.95	K 0.600	0.350	0.700	1.35	2.10	7.70	3.10					
24.	7.00	3.50	2.10	2.50	16.4	1.80	K 1.95	K 0.500	0.350	0.700	1.35	2.10	7.70	3.10					
25.	8.05	4.10	1.80	2.90	14.4	1.80	K 1.80	K 0.500	0.350	0.500	1.35	2.10	6.75	2.70					
26.	7.70	4.10	1.50	5.25	14.4	1.65	K 1.80	K 0.450	0.450	0.600	1.50	2.10	6.50	2.10					
27.	7.00	3.70	1.35	10.5	15.2	1.80	K 1.95	K 0.500	0.450	1.95	2.70	2.10	5.25	2.70					
28.	6.50	3.70	1.65	13.6	13.0	1.65	K 2.10	K 0.600	0.450	2.10	6.00	2.10	4.75	2.50					
29.	5.75	3.30	1.80		12.6	1.65	K 1.95	K 0.700	0.450	1.65	4.30	2.10	4.50	2.10					
30.	5.25	3.70	1.95	13.6	13.6	1.65	K 2.10	K 0.700	0.450	3.50	4.10	2.10	3.90	1.95					
31.		5.00	1.80		14.0		K 2.70		0.450	3.10		2.10		1.95					
Tag	1.	20.+	27.	17.	13.	26.+	2.+	26.	20.+	2.+	8.	14.+	1.+	30.+					
NQ	1.20	3.30	1.35	1.05	3.90	1.65	1.50	0.450	0.350	0.350	1.05	1.35	2.10	1.95					
MQ	3.61	5.89	2.44	2.35	12.2	3.84	2.02	1.05	0.452	0.860	2.15	2.01	8.50	3.10					
HQ	8.75	13.6	4.50	19.6	35.0	13.0	3.10	3.50	1.65	5.00	7.00	3.70	54.0	6.75					
Tag	25.	11.	1.	28.	21.+	1.	30.	10.	26.	27.	28.	1.	13.	12.					
h <sub>N</sub>	mm																		
h <sub>A</sub>	mm	31	52	21	19	107	33	18	9	4	8	18	18	72	27				
		1953/2009		1954/2010												57 Jahre			
Jahr		1991	1976	1977	1960	1963	1960	1959	1966	1959	1991+	1959+	1966	1991	1976				
NQ	m <sup>3</sup> /s	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	m <sup>3</sup> /s	1.22	1.72	2.05	2.41	2.51	2.78	1.73	0.900	0.736	0.600	0.620	0.764	1.25	1.75				
MQ	m <sup>3</sup> /s	3.06	5.26	5.93	5.54	6.69	5.58	2.98	2.09	1.54	1.16	1.21	1.84	3.20	5.31				
MHQ	m <sup>3</sup> /s	9.65	19.3	23.1	15.6	22.3	13.1	6.60	7.00	4.69	3.12	4.29	6.45	10.6	19.4				
HQ	m <sup>3</sup> /s	85.6	87.1	91.9	49.5	95.1	63.3	24.9	46.5	29.6	11.4	43.5	81.4	85.6	87.1				
Jahr		1998	1954	1987	2002	1956	1994	1965	1977	1956	1970	2007	1998	1998	1954				
Mh <sub>N</sub>	mm																		
Mh <sub>A</sub>	mm	26	46	52	44	59	48	26	18	14	10	10	16	27	47				
		Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s									
		2010				2010				Unter schreitungs dauer in Tagen		Abflussjahr (*)		Kalender jahr		1954/2010		57 Kalenderjahre	
		Jahr		Datum		Winter		Sommer		Jahr		Datum		Obere Hüllwerte		Mittlere Werte		Untere Hüllwerte	
NQ	m <sup>3</sup> /s	0.350 am 20.07.2010		1.05		0.350		0.350 am 20.07.2010											
MQ	m <sup>3</sup> /s	3.25		5.11		1.42		3.42 am 20.07.2010											
HQ	m <sup>3</sup> /s	35.0 am 21.03.2010		35.0		7.00		54.0 am 13.11.2010											
Nq	l/(skm <sup>2</sup> )	1.15		3.45		1.15		1.15											
Mq	l/(skm <sup>2</sup> )	10.7		16.8		4.67		11.2											
Hq	l/(skm <sup>2</sup> )	115		115		23.0		178											
h <sub>N</sub>	mm																		
h <sub>A</sub>	mm	337		263		74		355											
		1954/2010 (*) 57 Jahre				1954/2010				Dauertabelle									
NQ	m <sup>3</sup> /s	0.050 am 22.10.1966		0.080		0.050		0.050 am 22.10.1966											
MNQ	m <sup>3</sup> /s	0.352		0.899		0.409		0.387											
MQ	m <sup>3</sup> /s	3.56		5.35		1.80		3.58											
MHQ	m <sup>3</sup> /s	41.2		39.2		13.7		41.9											
HQ	m <sup>3</sup> /s	95.1 am 04.03.1956		95.1		81.4		95.1 am 04.03.1956											
HQ <sub>1</sub>	m <sup>3</sup> /s																		
HQ <sub>5</sub>	m <sup>3</sup> /s																		
MNq	l/(skm <sup>2</sup> )	1.16		2.96		1.35		1.27											
Mq	l/(skm <sup>2</sup> )	11.7		17.6		5.92		11.8											
MHq	l/(skm <sup>2</sup> )	136		129		45.1		138											
Mh <sub>N</sub>	mm																		
Mh <sub>A</sub>	mm	369		275		94		371											
		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		0.164		22.10.1966		95.1		313		04.03.1956							
2		0.080		0.263		25.06.1966+		87.1		287		01.01.1987							
3		0.100		0.329		09.02.1960		86.3		284		27.12.1954+							
4		0.100		0.329		10.03.1997+		85.6		282		30.12.1986							
5		0.100		0.329		07.10.1989		85.3		281		01.11.1998							
6		0.100		0.329		03.09.1976+		82.3		271		06.01.1982							
7		0.100		0.329		12.07.1959+		81.4		268		11.03.1981							
8		0.130		0.428		10.07.1960		80.7		265		28.10.1998							
9		0.140		0.461		05.10.1964+		71.6		236		19.12.1965							
10		0.150		0.493		22.08.1995+						30.01.1995							

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

61 Tage Verkrautung





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

PNP : NHH+253.38 m

Lage: 171.0 km oberhalb Mündung rechts



m<sup>3</sup>/s

Pegel : Greiz

Gewässer : Weiße Elster

Gebiet : Weiße Elster

Nr. 576470

Tag	2009		2010														
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
1.	K 3.17	9.37	24.0	R 7.26	56.2	K 12.9	K 5.47	K 20.5	K 3.98	K 9.37	K 35.3	K 38.1	K 5.69	19.3			
2.	K 4.48	10.3	20.1	R 6.58	45.8	K 12.1	K 5.47	K 25.5	K 3.60	K 14.0	K 30.7	K 31.9	K 5.02	18.5			
3.	K 16.6	10.1	18.2	6.81	38.9	K 11.8	K 5.69	K 46.6	K 5.69	K 26.0	K 27.7	K 25.5	K 4.80	17.1			
4.	K 16.2	9.37	17.5	6.58	31.3	K 11.6	K 5.91	K 41.9	K 3.98	K 33.2	K 25.5	K 21.3	K 4.80	14.6			
5.	10.1	8.66	15.8	6.36	26.6	K 11.1	K 5.24	K 36.7	K 4.80	K 22.2	K 23.5	K 19.3	K 4.59	14.3			
6.	8.89	8.89	14.6	6.13	22.6	K 9.61	K 6.81	K 28.8	K 6.81	K 33.2	K 20.5	K 18.2	K 5.47	14.6			
7.	7.95	9.13	13.7	5.91	19.7	K 7.49	K 7.95	K 18.9	K 3.79	K 93.9	K 16.8	K 16.9	K 9.61	14.6			
8.	7.03	9.61	12.1	5.69	17.8	K 7.26	K 7.49	K 16.1	K 4.18	K 71.5	K 15.5	K 14.9	K 15.8	16.1			
9.	7.95	10.3	11.6	R 5.24	20.5	K 6.13	K 7.03	K 15.5	K 3.79	K 56.2	K 17.1	K 13.7	K 13.4	28.8			
10.	8.42	10.8	11.3	R 5.02	14.9	K 5.91	K 6.58	K 15.5	K 3.26	K 46.6	K 15.8	K 11.6	K 10.1	27.7			
11.	8.19	22.6	10.6	R 4.80	13.1	K 6.81	K 6.36	K 14.0	K 3.43	K 45.0	K 15.2	K 9.85	K 9.37	27.1			
12.	7.72	24.0	9.85	R 4.80	12.9	K 9.61	K 9.37	K 10.6	K 3.10	K 53.5	K 14.6	K 9.61	K 11.8	41.9			
13.	8.42	18.9	8.89	R 4.80	12.6	K 9.85	K 7.95	K 9.85	K 4.18	K 71.5	K 15.8	K 8.66	K 12.3	42.6			
14.	7.95	17.1	9.13	R 4.80	12.3	K 9.61	K 7.49	K 9.13	K 3.79	K 67.6	K 15.2	K 8.19	K 10.8	38.9			
15.	7.72	14.6	8.89	R 4.80	11.6	K 11.1	K 9.37	K 8.42	K 3.79	K 55.3	K 13.1	K 8.19	K 10.3	36.0			
16.	8.19	14.3	8.42	R 4.80	20.1	K 10.8	K 8.19	K 7.26	K 3.60	K 50.0	K 12.1	K 8.89	K 38.1	30.0			
17.	8.19	13.1	8.42	R 4.80	17.8	K 11.6	K 7.49	K 6.36	K 6.13	K 49.2	K 12.9	K 9.85	45.8	30.7			
18.	7.95	11.8	10.1	5.47	17.8	K 10.1	K 6.81	K 7.03	K 4.38	K 51.8	K 11.1	K 9.13	41.9	30.7			
19.	7.26	10.3	10.6	7.03	18.5	K 8.66	K 7.26	K 9.61	K 3.60	K 45.8	K 10.1	K 8.19	37.4	28.2			
20.	6.58	10.1	11.1	10.3	18.9	K 8.19	K 9.37	K 7.95	K 3.43	K 36.0	K 9.13	K 8.42	26.6	28.8			
21.	6.58	11.8	10.1	10.1	20.9	K 7.95	K 9.37	K 6.81	K 3.43	K 28.8	K 6.36	K 7.72	23.1	28.2			
22.	6.36	10.6	8.89	11.6	23.1	K 7.26	K 8.42	K 5.91	K 3.60	K 25.5	K 5.24	K 7.49	27.7	27.1			
23.	6.36	11.8	7.72	14.6	21.7	K 7.26	K 7.72	K 5.47	K 9.13	K 26.6	K 5.47	K 7.26	31.3	30.0			
24.	7.72	11.6	7.72	28.2	17.8	K 6.81	K 7.72	K 4.80	K 7.05	K 6.24	K 7.26	K 7.26	31.9	30.0			
25.	7.03	13.7	7.26	45.8	16.8	K 6.36	K 7.95	K 3.98	K 43.4	K 17.8	K 7.49	K 6.81	31.3	30.0			
26.	6.58	15.2	6.58	64.6	16.8	K 6.81	K 7.26	K 3.60	K 33.2	K 14.9	K 14.3	K 6.36	29.4	27.1			
27.	6.13	14.9	R 6.36	70.5	17.5	K 6.36	K 7.49	K 3.26	K 17.1	K 23.1	K 16.1	K 5.91	27.1	21.7			
28.	6.13	14.3	R 7.72	59.9	16.5	K 5.91	K 7.26	K 3.26	K 12.1	K 28.2	K 50.9	K 5.91	22.6	19.3			
29.	5.91	12.1	7.72	15.2	15.2	K 5.91	K 7.26	K 3.43	K 14.9	K 20.9	K 58.0	K 6.13	21.3	R 18.9			
30.	5.91	15.2	7.49	13.4	13.4	K 5.69	K 7.26	K 3.10	K 13.1	K 20.5	K 45.0	K 6.36	21.3	T 18.5			
31.		23.5	7.26	13.7	13.7		K 11.8		K 10.8		K 34.6		K 5.91	T 18.2			
Tag	1.	5.	27.	11.+	15.	30.	5.	30.	12.	1.	22.+	27.+	5.	5.			
NQ	3.17	8.66	6.36	4.80	11.6	5.69	5.24	3.10	3.10	9.37	5.24	5.91	4.59	14.3			
MQ	7.79	13.2	11.0	15.1	20.8	8.62	7.51	13.3	10.1	38.6	19.1	12.0	19.7	25.5			
HQ	20.5	28.2	25.0	77.7	61.8	14.6	13.7	58.0	95.0	111	65.6	40.3	55.3	45.8			
Tag	3.+	11.	1.	26.+	1.	17.	31.	3.	24.	12.	28.	1.	16.	12.			
h <sub>N</sub>	mm																
h <sub>A</sub>	mm	16	28	23	29	44	18	16	27	22	82	39	26	41	54		
		1924/2009		1925/2010												77 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	5.00	5.13	5.96	7.17	8.78	8.12	5.23	4.46	4.11	3.75	3.78	3.82	5.01	5.29			
MQ	8.71	10.4	12.1	13.4	17.9	15.1	10.1	9.05	8.78	7.27	6.56	7.30	8.85	10.8			
MHQ	20.3	27.1	31.0	32.8	40.7	32.0	27.2	33.6	35.7	28.1	20.0	19.5	20.8	28.0			
HQ	138	155	160	160	129	112	160	205	558	244	132	82	138	155			
Jahr	2002	1974	2003	2005	2006	1988	1978	1961	1954	1955	1995	1966	2002	1974			
Mh <sub>N</sub>	mm																
Mh <sub>A</sub>	mm	18	22	26	26	38	31	22	19	19	16	14	18	23			
		Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s							
		2010				2010				1925/2010 (*) 79 Jahre							
		Jahr	Datum	Winter	Sommer	Jahr	Datum	Unter schreitungs- dauer in Tagen		Abfluss- jahr (*)	Kalender jahr	1925/2010 Obere Hüllwerte	1925/2010 Mittlere Werte	77 Kalenderjahre Untere Hüllwerte			
NQ	m <sup>3</sup> /s	3.10	am 30.06.2010	3.17	3.10	3.10	am 30.06.2010	(365)		93.9	93.9	418	77.9	18.1			
MQ	m <sup>3</sup> /s	14.8		12.7	16.8	16.8		364		93.9	93.9	367	65.7	16.0			
HQ	m <sup>3</sup> /s	111	am 12.08.2010	77.7	111	111	am 12.08.2010	363		93.9	93.9	225	60.1	15.6			
Nq	l/(skm <sup>2</sup> )	2.47		2.53	2.47	2.47		361		71.5	71.5	151	55.1	14.2			
Mq	l/(skm <sup>2</sup> )	11.8		10.1	13.4	13.4		360		71.5	71.5	112	51.4	13.9			
Hq	l/(skm <sup>2</sup> )	88.4		61.9	88.4	88.4		359		67.6	67.6	94.3	47.9	13.2			
h <sub>N</sub>	mm							358		64.6	64.6	94.3	45.6	12.6			
h <sub>A</sub>	mm	372		158	213	422		357		59.9	59.9	90.0	43.5	12.3			
		1925/2010 (*) 79 Jahre				1925/2010				1925/2010							
NQ	m <sup>3</sup> /s	0.830	am 18.08.1952	0.980	0.830	0.830	am 18.08.1952	356		58.0	58.0	89.0	41.5	12.0			
MNQ	m <sup>3</sup> /s	2.62		3.77	2.78	2.67		350		50.9	50.9	69.8	33.4	11.4			
MQ	m <sup>3</sup> /s	10.6		13.0	8.14	10.6		340		43.4	45.8	57.0	26.1	9.88			
MHQ	m <sup>3</sup> /s	89.7		62.1	68.3	91.9		330		34.6	37.4	53.4	21.7	8.96			
HQ	m <sup>3</sup> /s	558	am 11.07.1954	160	558	558	am 11.07.1954	320		27.7	33.2	50.2	19.0	7.36			
HQ <sub>1</sub>	m <sup>3</sup> /s							300		20.9	28.2	41.4	15.3	5.46			
HQ <sub>5</sub>	m <sup>3</sup> /s							270		16.2	21.3	35.1	12.1	4.14			
MNq	l/(skm <sup>2</sup> )	2.09		3.00	2.22	2.13		240		14.0	17.1	29.1	9.97	3.64			
Mq	l/(skm <sup>2</sup> )	8.45		10.4	6.49	8.45		210		11.3	14.3	23.2	8.26	3.34			
MHq	l/(skm <sup>2</sup> )	71.5		49.5	54.4	73.2		183		10.1	11.8	19.4	6.97	3.16			
Mh <sub>N</sub>	mm							150		8.66	9.61	16.3	5.75	2.65			
Mh <sub>A</sub>	mm	266		162	103	266		130		7.95	8.66	14.2	5.18	2.07			
		Niedrigwasser				Hochwasser				1925/2010							
		m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum	1925/2010								
1		0.830	0.661	18.08.1952	558	445		11.07.1954	1925/2010								
2		0.880	0.701	04.08.1935	244	194		01.08.1955	1925/2010								
3		0.900	0.717	22.07.1928	213	170		06.07.1958	1925/2010								
4		0.960	0.765	08.07.1934	205	163		22.08.1970	1925/2010								
5		0.980	0.781	13.12.1953	205	163		10.06.1961	1925/2010								
6		1.08	0.861	16.09.1934	160	127		13.02.2005	1925/2010								
7		1.27	1.01	17.12.1933	160	127		08.05.1978	1925/2010								
8		1.38	1.10	06.07.1930+	155	124		08.12.1974	1925/2010								
9		1.50	1.20	10.07.1964	146	116		21.05.1941	1925/2010								
10		1.50	1.20	01.02.1963+	144	115		19.06.1926	1925/2010								

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. Ausfalljahre: KJ 1928-1929, 1944-1950; AJ 1929; AJ 1945-1950

Beeinflussung durch TS-Steuerung  
14 Tage Randeis, 2 Tage Treibeis/Eisgang, 234 Tage Verkräutung

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

PNP: NHN+180.76 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	2009		2010																		
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez							
Tageswerte	1.	K 5.48	13.3	46.2	13.3	86.0	K 18.0	K 7.70	K 31.4	K 4.40	K 15.0	K 48.6	K 59.4	8.28	36.9							
	2.	K 6.17	17.2	40.1	12.9	69.9	K 17.2	K 7.70	K 44.6	K 4.60	K 16.7	K 39.3	K 48.6	7.96	35.6							
	3.	K 24.5	16.7	33.1	13.3	56.8	K 16.7	K 8.46	K 58.5	K 4.60	K 39.3	K 34.3	K 38.6	7.63	34.9							
	4.	K 30.9	15.0	30.9	15.4	45.4	K 15.9	K 9.60	K 59.4	K 6.70	K 62.8	K 31.4	K 32.0	7.34	29.2							
	5.	22.8	13.7	27.6	13.7	37.1	K 15.4	K 8.08	K 48.6	K 6.70	K 40.1	K 30.3	K 29.3	7.04	29.2							
	6.	17.6	13.3	R 26.0	9.60	30.9	K 15.0	K 9.22	K 37.1	K 10.8	K 38.6	K 28.2	K 26.0	7.63	28.1							
	7.	15.0	14.2	R 24.1	9.22	28.2	K 11.6	K 12.4	K 28.2	K 7.00	K 100	K 23.2	K 24.1	11.1	25.1							
	8.	12.9	14.6	R 21.9	8.84	25.5	K 10.8	K 11.2	K 22.8	K 5.48	K 98.1	K 21.0	K 22.3	23.4	26.3							
	9.	13.7	15.9	R 21.0	7.70	27.6	K 9.60	K 10.4	K 21.0	K 5.48	K 78.8	K 22.8	K 22.8	21.5	40.9							
	10.	15.0	15.4	R 21.5	7.70	23.2	K 9.22	K 10.0	K 21.5	K 4.80	K 62.0	K 21.5	K 18.9	16.2	45.3							
	11.	13.7	33.7	20.6	7.00	20.6	K 10.0	K 10.4	K 18.9	K 4.60	K 54.3	K 20.2	K 16.7	13.9	49.7							
	12.	12.9	40.1	19.3	8.46	19.7	K 12.4	K 14.2	K 15.9	K 4.60	K 71.6	K 18.9	K 14.6	15.1	92.6							
	13.	12.9	30.3	16.7	12.4	K 18.9	K 14.6	K 13.7	K 13.7	K 5.25	K 107	K 19.3	K 13.3	16.7	84.3							
	14.	12.0	27.1	17.2	12.4	K 18.9	K 13.7	K 12.0	K 12.4	K 5.25	K 98.1	K 20.6	K 12.4	15.5	71.8							
	15.	11.6	23.6	14.6	11.2	K 18.5	K 15.4	K 15.0	K 12.0	K 5.02	K 81.5	K 18.5	K 12.4	14.3	62.2							
	16.	11.2	22.3	13.7	11.2	K 26.6	K 15.9	K 14.2	K 10.4	K 4.80	K 69.9	K 17.2	K 12.4	68.2	54.3							
	17.	12.9	21.5	13.3	7.00	K 30.3	K 14.6	K 12.4	K 8.84	K 6.42	K 70.7	K 17.2	K 14.6	102	52.7							
	18.	12.9	19.7	17.6	8.84	K 26.0	K 14.2	K 11.2	K 8.08	K 6.17	K 80.6	K 15.9	K 14.6	77.5	51.9							
	19.	11.6	R 14.6	21.0	9.22	K 26.0	K 14.2	K 11.6	K 11.6	K 5.02	K 70.7	K 13.7	K 12.4	73.6	48.9							
	20.	10.4	R 13.3	22.3	14.2	K 25.5	K 11.2	K 15.4	K 11.2	K 4.80	K 52.7	K 12.9	K 12.4	55.0	48.9							
	21.	10.0	R 12.9	21.5	14.6	K 26.6	K 10.4	K 15.9	K 8.46	K 4.60	K 39.3	K 10.8	K 12.0	48.9	48.2							
	22.	9.60	R 13.3	18.9	15.0	K 29.3	K 9.60	K 14.2	K 7.70	K 4.60	K 35.7	K 9.22	K 10.8	52.7	44.5							
	23.	9.22	R 18.0	16.7	22.3	K 29.8	K 9.22	K 12.4	K 7.00	K 7.00	K 36.4	K 8.46	K 10.8	65.6	43.1							
	24.	9.60	18.9	15.4	47.0	K 25.0	K 8.46	K 12.0	K 6.17	K 77.0	K 37.7	K 9.60	K 10.4	64.8	41.6							
	25.	11.2	21.9	14.2	77.9	K 23.2	K 8.08	K 13.3	K 5.71	K 56.8	K 28.2	K 12.9	K 10.0	61.4	40.2							
	26.	9.60	28.2	R 11.6	107	K 23.2	K 8.46	K 11.2	K 5.71	K 40.1	K 23.2	K 24.1	K 9.22	55.0	38.9							
	27.	9.22	24.1	R 8.08	113	K 23.6	K 8.84	K 12.0	K 5.25	K 29.8	K 26.0	K 33.7	K 9.22	51.9	37.5							
	28.	8.84	23.2	R 13.3	95.3	K 22.8	K 8.08	K 10.8	K 4.80	K 18.9	K 37.1	K 97.2	K 8.84	44.5	37.5							
	29.	8.46	21.0	R 13.7	K 21.9	K 8.08	K 8.08	K 11.2	K 4.80	K 21.9	K 29.3	K 102	K 8.84	40.2	34.9							
	30.	8.08	23.2	R 15.4	K 20.2	K 7.70	K 7.70	K 10.8	K 4.60	K 21.9	K 27.1	K 77.9	K 9.22	38.9	33.6							
	31.		42.3	R 14.2	K 19.3			K 15.4		K 18.5	K 41.6		K 8.84		T 28.6							
Hauptwerte	Tag	1.	21.	27.	11.+	15.	30.	1.+	30.	1.	23.	28.+	5.	7.								
	NQ	5.48	12.9	8.08	7.00	18.5	7.70	7.70	4.60	4.40	8.46	8.84	7.04	25.1								
	MQ	12.7	20.7	20.4	25.2	29.9	12.1	11.7	18.5	13.4	53.7	18.2	36.5	44.4								
	HQ	33.1	47.0	47.8	123	91.5	19.3	21.9	75.2	109	136	113	64.6	127	101							
	Tag	4.	31.	1.	27.	1.	19.	31.	3.	24.	13.	28.	1.	16.+	12.							
	h <sub>N</sub>	mm																				
	h <sub>A</sub>	mm	15	25	25	28	37	14	14	22	16	66	34	22	43	54						
			1950/2009		1951/2010												60 Jahre					
	Jahr		1964	1953	1954+	1954	1963	1993+	2007	1964	1964	1952	1964	1964	1964	1953						
	NQ	m <sup>3</sup> /s	3.00	1.90	3.20	2.83	4.00	4.20	3.43	2.44	1.90	2.04	2.26	2.80	3.00	1.90						
	MNQ	m <sup>3</sup> /s	7.22	7.75	9.16	12.7	11.6	11.6	7.49	6.73	5.68	5.52	5.74	5.82	7.23	8.08						
	MQ	m <sup>3</sup> /s	12.3	16.1	17.8	19.9	26.0	21.7	14.2	13.1	12.4	10.8	9.59	10.5	12.7	16.7						
	MHQ	m <sup>3</sup> /s	25.8	40.3	42.7	47.9	60.1	48.5	34.4	46.2	45.7	44.9	28.4	27.5	27.7	41.8						
	HQ	m <sup>3</sup> /s	178	216	164	192	197	232	187	290	667	516	197	137	178	216						
	Jahr		2002	1974	2003	2005	1956	1980	1978	1965	1954	1981	2007	1974	2002	1974						
Mh <sub>N</sub>	mm																					
Mh <sub>A</sub>	mm	15	20	22	22	32	26	17	16	15	13	11	13	15	20							
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	1.90	0.869	12.07.1964+	667	305		12.07.1954														
	2	1.90	0.869	24.12.1953	516	236		10.08.1981														
	3	2.04	0.933	19.08.1952+	290	133		11.06.1965														
	4	2.30	1.05	16.09.2004	246	113		02.08.1955														
	5	2.61	1.19	26.06.1955	237	108		06.07.1958														
	6	2.70	1.24	30.07.2002	232	106		28.04.1980														
	7	2.83	1.29	20.07.2006+	231	106		22.08.1970														
	8	2.83	1.29	26.08.2001	219	100		24.06.1975														
	9	2.83	1.29	08.02.1954	216	98.8		08.12.1974														
	10	2.97	1.36	14.09.2006	210	96.1		10.06.1961														
											Unter schreitungs dauer in Tagen		Abfluss-jahr (*)		Kalender-jahr		1951/2010		60 Kalenderjahre			
											(365)		113		113		631		112		18.2	
											364		113		113		505		98.0		17.6	
										363		113		113		415		86.2		17.6		
										362		102		107		246		77.5		17.6		
										361		100		107		167		70.5		17.0		
										360		100		100		128		65.8		17.0		
										359		100		100		127		62.3		17.0		
										358		97.2		100		126		60.4		17.0		
										357		95.3		97.2		124		58.0		17.0		
										356		78.8		80.6		105		47.5		15.8		
										340		62.0		71.6		71.6		37.9		12.6		
										330		46.2		61.4		61.4		32.1		10.7		
										320		40.1		54.3		54.3		28.3		9.40		
										300		30.9		43.1		43.1		22.9		8.20		
										270		24.5		33.1		35.7		17.8		6.12		
										240		21.5		26.3		29.1		14.6		5.28		
										210		17.6		21.9		24.5		12.1		4.52		
										183		15.4		17.6		20.6		10.2		4.28		
										150		13.7		15.0		17.8		8.42		4.04		
										130		12.9		13.7		16.9		7.50		4.04		
										120		12.9		12.9		15.4		7.18		3.80		
										110		12.0		12.9		14.2		6.88		3.80		
										100		11.6		11.6		13.6		6.60		3.80		
										90		10.8		11.1		13.1		6.25		3.60		
										80		10.0		10.8		12.7		5.97		3.60		
										70		9.60		9.60		12.2		5.75		3.60		
										60		9.22		9.22		11.8		5.50		3.40		
										50		8.84		8.84		10.9		5.27		3.40		
										40		8.46		7.96		10.4		5.04		3.20		
										30		7.70		7.04		10.0		4.73		3.20		
										25		6.42		7.00		8.77		4.60		3.20		
										20		5.71		6.17		8.10		4.41		2.83		
										15		5.48		5.48		8.10		4.23		2.83		
										10		5.02		5.02		8.10		3.86		2.45		
										9		5.02		5.02		8.10		3.81		2.45		
										8		5.02		5.02		8.10		3.80		2.45		
										7		4.80		4.80		7.79		3.52		2.45		
										6		4.80		4.80		7.79		3.60		2.45		
										5		4.80		4.80		7.79		3.42		2.45		
										4		4.80		4.80		7.79		3.40		2.31		
										3		4.80		4.80		7.79		3.26		2.31		
										2		4.80		4.80		7.48		3.01		2.31		
										1		4.80		4.80		7.48		2.83		2.18		
										0		4.40		4.40		6.86		1.90		1.90		

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
Beeinflussung durch TS-Steuerung  
16 Tage Randeis, 1 Tag Treibeis/Eisgang, 237 Tage Verkrautung

A<sub>E0</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

Table with columns for Tag (1-31), 2009 (Nov, Dez), and 2010 (Jan-Dec). It contains daily flow rate data in m³/s.

Summary statistics table including average values (Tag, NQ, MQ, HQ), maximum values (hN, hA), and long-term averages (1922/2009, 1923/2010, 86 Jahre).

Main data table with columns for Abflussjahr (\*), Kalenderjahr (2010), and Dauertabelle (1-365). It includes flow rates (NQ, MQ, HQ), specific runoff (Nq, Mq, Hq), and peak flows (hN, hA).

Extremwerte table with columns for Niedrigwasser and Hochwasser, listing extreme flow events with dates and magnitudes.

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. Ausfalljahr: KJ 1928-1929; AJ 1929; Beeinflussung durch TS-Steuerung 32 Tage Randeis, 1 Tag Treibeis/Eisgang

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

PNP: NHH+202.17 m

Lage: 62.8 km oberhalb Mündung rechts



Pegel : Gössnitz

Nr. 577510

Gewässer : Pleiße

Gebiet : Weiße Elster

m<sup>3</sup>/s

Table with columns for Tag (1-31), 2009 (Nov, Dez), and 2010 (Jan-Dec). Rows contain daily flow values in m³/s.

Summary table with columns for Tag, NQ, MQ, HQ, Tag, hN, hA, and rows for 1923/2009, 1924/2010, and 83 Jahre.

Main data table with columns for Abflussjahr (\*), Kalenderjahr, and Dauertabelle. Includes rows for NQ, MQ, HQ, Nq, Mq, Hq, hN, hA, and summary statistics.

Table for Extremwerte with columns for Niedrigwasser and Hochwasser, including rows for 1-10 extreme events.

(\* ) Abflussjahr: 1.11. des Vorjahres bis 31.10. Ausfalljahr: KJ 1928-1929, 1944-1945; AJ 1929, 1945; Beeinflussung durch Talsperre Koberbach 1 Tag Eisdecke/Eisstand, 28 Tage Randeis