

A<sub>Eo</sub> : 1013.00 km<sup>2</sup>  
 PNP : NHH+ 410.52 m  
 Lage : 357.00 km oberhalb der Mündung mittig



Pegel : Blankenstein-Rosenthal Nr. 570210  
 Gewässer: Saale  
 Gebiet : Obere Saale

Tag	2016			2017											
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	K5.31	K5.67	5.67	R 4.32	K27.5	K7.61	K3.45	K2.16	K2.72	K7.61	K8.95	K5.31	K13.5	K20.8	
2.	K4.31	K6.79	6.04	R 4.64	K30.0	K7.20	K4.64	K2.00	K2.72	K8.06	K6.41	K4.97	K11.4	K17.9	
3.	K4.97	K6.20	6.04	R 4.64	K26.2	K6.41	K4.64	K2.16	K2.52	K6.79	K5.67	K12.4	K10.3	K16.2	
4.	K5.31	K5.31	6.04	R 5.67	K22.5	K6.04	K4.32	K9.85	K2.33	K5.67	K4.02	K15.1	K9.85	K15.1	
5.	K5.67	K5.31	6.04	R 5.67	K20.8	K6.04	K4.02	K8.51	K2.00	K4.64	K3.73	K10.3	K9.85	K15.1	
6.	K6.79	K4.64	6.04	R 5.31	K21.4	K5.67	K3.73	K4.64	K2.16	K4.32	K3.45	K10.3	K17.3	K17.3	
7.	K5.67	K4.97	6.04	R 5.67	K26.2	K5.31	K3.45	K4.02	K2.16	K3.45	K3.45	K11.9	K13.5	K19.5	
8.	K5.31	K4.32	6.04	R 5.31	K23.7	K4.97	K3.45	K3.19	K2.33	K3.19	K3.45	K14.0	K11.4	K23.7	
9.	K4.64	K4.32	6.04	R 5.31	K24.9	K5.31	K3.73	K2.72	K2.16	K3.19	K3.45	K17.3	K15.1	K23.7	
10.	K4.97	K4.32	6.04	R 4.97	K24.3	K4.97	K3.19	K2.95	K3.19	K4.64	K3.45	K15.6	K13.5	K19.6	
11.	K5.67	K4.64	R 4.64	4.97	K21.4	K4.32	K3.19	K2.52	K8.51	K14.5	K3.45	K14.0	K16.2	K22.5	
12.	K6.04	K4.64	R 4.64	4.97	K19.0	K4.02	K3.19	K2.16	K7.20	K8.95	K3.45	K12.4	K17.3	K33.4	
13.	K5.31	K6.04	R 5.67	4.64	K17.3	K4.02	K3.19	K2.00	K8.51	K6.79	K4.32	K10.3	K20.2	K27.5	
14.	K4.64	K6.04	R 4.97	4.32	K15.1	K4.32	K3.73	K2.16	K4.32	K6.04	K15.6	K9.85	K20.8	K28.1	
15.	K4.32	K6.04	R 4.64	4.32	K14.0	K4.02	K4.02	K2.00	K5.31	K4.97	K21.4	K8.95	K19.0	K30.0	
16.	K7.61	K7.61	R 4.64	4.32	K13.5	K4.32	K2.95	K2.00	K4.64	K6.04	K13.5	K8.06	K17.9	K26.8	
17.	K14.0	K5.31	R 4.64	6.79	K12.4	K4.64	K2.72	K1.85	K3.45	K4.97	K9.40	K7.61	K16.2	K23.1	
18.	K16.8	K4.97	R 4.32	12.4	K16.8	K5.67	K2.72	K1.85	K3.45	K4.02	K7.20	K7.20	K15.1	K20.8	
19.	K20.2	K4.32	R 4.32	15.1	K34.8	K5.67	K2.72	K2.00	K2.95	K6.04	K6.04	K6.79	K14.5	K19.0	
20.	K21.9	K4.97	R 4.32	20.2	K28.1	K5.31	K8.51	K2.00	K10.3	K4.97	K6.04	K6.04	K14.5	K18.5	
21.	K17.3	K4.32	R 4.32	53.4	K21.4	K4.64	K4.32	K2.00	K7.20	K3.73	K6.04	K6.79	K16.2	K21.4	
22.	K14.5	K4.32	R 4.32	61.8	K21.9	K4.64	K2.95	K2.00	K4.02	K3.45	K5.31	K7.61	K19.0	K37.0	
23.	K12.4	K3.73	R 4.32	74.9	K19.6	K4.64	K2.72	K3.45	K3.73	K3.19	K4.97	K7.61	K17.3	K37.0	
24.	K10.3	K5.31	R 4.32	54.3	K16.8	K4.32	K2.52	K2.33	K4.64	K2.95	K4.32	K6.79	K15.1	K38.4	
25.	K9.40	K5.73	R 4.32	36.3	K14.5	K4.02	K2.52	K2.16	K9.40	K3.19	K4.32	K6.04	K23.1	K37.0	
26.	K8.51	K7.61	R 4.32	30.0	K12.9	K4.02	K2.16	K2.00	K10.9	K5.67	K4.32	K5.31	K30.0	K32.7	
27.	K8.06	K8.95	R 4.32	25.5	K11.4	K4.64	K2.33	K2.00	K10.9	K4.97	K4.02	K7.61	K23.7	K29.4	
28.	K7.20	K8.06	R 4.32	25.5	K10.3	K4.32	K2.16	K2.16	K13.5	K3.45	K3.73	K8.51	K31.4	K28.1	
29.	K6.79	K8.06	R 4.32	K9.40	K4.02	K4.02	K2.16	K2.16	K8.51	K3.45	K3.73	K16.2	K33.4	K26.2	
30.	K6.04	K7.20	R 4.32	K8.51	K3.73	K3.19	K5.31	K5.67	K3.45	K3.73	K26.2	K26.2	K23.7	K23.7	
31.	K6.41	K6.41	R 4.32	K8.06	K8.06	K2.72	K8.51	K8.51	K10.3	K10.3	K17.3	K17.3	K33.4	K33.4	
Tag	15.	23.4	18.4	1.4	31.	30.	26.4	17.4	5.	24.	6.4	2.	4.4	4.4	
NQ	4.32	3.73	4.32	4.32	8.06	3.73	2.16	1.85	2.00	2.95	3.45	4.97	9.85	15.1	
MQ	8.70	5.77	4.87	18.0	19.2	4.96	3.40	3.04	5.48	5.38	6.03	10.5	17.8	25.2	
HQ	26.8	10.3	8.06	78.4	35.6	8.51	12.9	20.8	19.6	22.5	24.3	30.0	35.6	39.9	
Tag	20.	27.	2.	23.	19.	1.	20.	4.	28.	11.	14.	30.	28.	24.	
h <sub>N</sub> mm	22	15	13	43	51	13	9	8	14	14	15	28	45	67	
h <sub>A</sub> mm															
	1963/2016			1964/2017 54 Kalenderjahre											
Jahr	1983	1991	1973	1964	1976	1974	1998	1976	1976	1964	1964	1983	1991		
NQ	0.960	1.30	1.35	1.88	2.04	2.09	1.70	0.718	0.306	0.593	0.590	0.590	0.960	1.30	
MNQ	4.75	5.76	6.87	7.84	8.21	7.67	4.13	3.66	3.04	2.72	2.92	3.39	4.90	5.99	
MQ	10.5	16.4	18.4	16.8	21.2	14.8	8.43	7.55	5.78	5.69	5.79	7.30	10.6	16.8	
MHQ	33.9	58.2	65.6	57.7	64.2	38.3	27.1	28.2	23.1	21.6	21.0	24.6	33.4	58.8	
HQ	192	180	251	210	192	177	172	140	124	128	123	123	192	180	
Jahr	1998	1993	1982	2005	2006	1988	1978	2013	1996	1970	1998	1998	1998	1993	
Mh <sub>N</sub> mm	27	43	49	40	56	38	22	19	15	15	15	19	27	44	
Mh <sub>A</sub> mm															
	Abflussjahr (*) 2017				Kalenderjahr 2017				Unterschnittene Abflüsse m³/s						
	Jahr	Datum	Winter	Sommer	Jahr	Datum	1964/2017 54 Kalenderjahre			1964/2017 54 Kalenderjahre					
							Obere Hüllkurve	Mittlere Werte	Untere Hüllkurve						
NQ	1.85	am 17.06.2017	3.73	1.85	1.85	am 17.06.2017	364	74.9	222	104	20.9	20.9	20.9	20.9	
MQ	7.88		10.2	5.64	10.3		363	61.8	61.8	219	89.9	19.8	19.8	19.8	
HQ	78.4	am 23.02.2017 bei W = 212 cm	78.4	30.0	78.4	am 23.02.2017 bei W = 212 cm	362	54.3	54.3	145	79.0	17.1	17.1	17.1	
Nq	1.83		3.68	1.83	1.83		361	53.4	53.4	140	70.9	14.3	14.3	14.3	
Mq	7.78		10.0	5.57	10.1		360	36.3	38.4	131	64.0	15.9	15.9	15.9	
Hq	77.4		77.4	29.6	77.4		359	34.8	37.0	130	59.4	13.2	13.2	13.2	
h <sub>N</sub> mm							358	30.0	37.0	116	56.6	13.3	13.3	13.3	
h <sub>A</sub> mm	245		157	89	320		357	30.0	37.0	115	53.6	12.5	12.5	12.5	
	1964/2017 (*) 54 Jahre				1964/2017				Dauertabelle						
NQ	0.306	am 10.07.1976	0.960	0.306	0.306	am 10.07.1976	240	8.06	14.0	21.0	9.98	4.26	4.26	4.26	
MNQ	1.96		3.40	2.12	2.09		210	5.67	7.20	16.9	8.25	3.57	3.57	3.57	
MQ	11.5		16.4	6.76	11.6		183	5.31	5.67	13.8	6.86	2.83	2.83	2.83	
MHQ	119		113	51.5	118		150	4.64	4.97	12.2	5.58	1.98	1.98	1.98	
HQ	251	am 05.01.1982 bei W = 316 cm	251	172	251	am 05.01.1982 bei W = 316 cm	130	4.32	4.64	11.1	4.90	1.67	1.67	1.67	
HQ <sub>1</sub> m³/s							120	4.32	4.32	10.6	4.61	1.53	1.53	1.53	
HQ <sub>5</sub> m³/s							110	4.32	4.32	10.1	4.32	1.47	1.47	1.47	
MNq	1.94		3.35	2.09	2.06		100	4.32	4.32	9.64	4.04	1.41	1.41	1.41	
Mq	11.4		16.2	6.67	11.4		90	4.02	4.02	9.15	3.79	1.33	1.33	1.33	
MHq	118		112	50.8	117		80	3.73	3.73	8.70	3.55	1.28	1.28	1.28	
Mh <sub>N</sub> mm							70	3.45	3.45	7.80	3.31	1.22	1.22	1.22	
Mh <sub>A</sub> mm	359		253	106	361		60	3.45	3.45	7.35	3.10	1.16	1.16	1.16	
	Niedrigwasser (n)				Hochwasser										
	m³/s	l/(skm²)	Datum	m³/s	l/(skm²)	cm	Datum								
1	0.306	0.302	10.07.1976	251	248	316	05.01.1982								
2	0.590	0.582	30.09.1964	212	209	294	23.01.1995								
3	0.960	0.948	16.09.1991	210	207	305	13.02.2005								
4	0.960	0.948	15.11.1983	200	197	323	14.01.2011								
5	0.960	0.948	18.09.1973	197	194	285	06.02.1980								
6	1.09	1.08	16.10.1979	192	190	289	27.03.2006								
7	1.22	1.20	08.06.1975	192	190	282	01.11.1998								
8	1.22	1.20	09.09.1974	182	180	276	07.02.1984								
9	1.35	1.33	22.10.1985	180	178	275	22.12.1993								
10	1.35	1.33	21.01.1973	177	175	273	01.04.1988								

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Die Durchflusswerte beinhalten nicht die Umflut durch das ZPR. Die um den Pegel geführte Menge entspricht der Pumpenleistung von ca. 0.56 cbm/s im Durchschnitt.  
 Vom 11.6.76-9.12.76 wurden die Q-Werte rückwirkend theoretisch ermittelt und das Jahr 1976 in die Statistik aufgenommen.  
 28 Tage Randeis, 367 Tage Verkräutung

A<sub>Eo</sub> : 1665.00 km<sup>2</sup>  
 PNP : NHH+ 230.04 m  
 Lage : 281.00 km oberhalb der Mündung links



Pegel : Kaulsdorf Nr. 570250  
 Gewässer: Saale  
 Gebiet : Obere Saale

	Tag	2016			2017											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
Tageswerte	1.	K12.3	K27.4	K6.26	K19.4	K24.8	K10.5	K6.26	K6.78	K8.84	K6.01	K6.01	19.8	K20.7	K30.8	
	2.	K12.0	K21.1	K6.26	K19.4	K22.5	K7.05	K6.51	K6.78	K8.84	K6.01	K6.01	19.4	K24.4	K30.8	
	3.	K13.0	K10.1	K6.26	K15.7	K18.1	K9.81	K6.26	K6.78	K6.51	K6.01	K5.76	18.9	K24.8	K30.8	
	4.	K11.9	K10.1	K6.26	K9.81	K15.7	K11.2	K6.26	K12.3	K6.51	K6.01	K6.01	10.5	K22.5	K30.8	
	5.	K7.91	K10.1	K6.26	K9.48	K16.1	K11.2	K6.26	K7.05	K6.51	K6.01	K5.76	10.5	K22.5	K30.8	
	6.	K7.82	K10.1	K6.51	K9.81	K16.5	K7.33	K6.26	K7.05	K6.51	K5.76	K9.15	10.5	K26.4	K22.9	
	7.	K10.8	K7.62	K6.26	K9.81	K16.5	K7.05	K6.26	K7.05	K6.51	K5.76	K6.01	19.4	K24.8	K20.2	
	8.	K13.0	K6.26	K6.01	K10.1	K16.5	K7.05	K6.51	K6.78	K6.51	K6.01	K5.76	19.4	K21.1	K19.8	
	9.	K12.6	K6.51	K6.26	K10.1	K16.5	K7.05	K6.78	K6.78	K6.51	K5.76	K6.01	10.5	K21.6	K20.2	
	10.	K13.0	K6.51	K7.62	K7.33	K16.1	K6.78	K6.78	K6.51	K6.51	K5.76	K6.01	10.5	K24.8	K19.8	
	11.	K16.1	K6.26	K8.52	K6.26	K16.5	K6.78	K6.51	K6.51	K6.78	K6.01	K6.01	10.5	K24.4	K19.8	
	12.	K18.5	K7.91	K7.91	K6.26	K16.5	K7.05	K6.51	K6.51	K7.05	K6.01	K6.01	10.1	K24.4	K7.33	
	13.	K18.1	K6.26	K6.26	K6.26	K16.5	K7.05	K6.51	K6.51	K6.78	K6.01	K6.01	10.1	K24.8	K6.01	
	14.	K18.5	K6.51	K6.51	K6.26	K16.5	K7.05	K6.51	K6.26	K7.05	K6.01	K6.01	18.9	K19.8	K14.1	
	15.	K18.5	K6.26	K6.51	K6.26	K16.5	K7.05	K6.78	K6.26	K6.78	K5.76	K6.01	18.5	K6.01	K30.2	
	16.	K18.5	K6.26	K15.3	K6.26	K16.5	K7.33	K6.51	K6.26	K6.78	K6.01	K6.01	9.81	K19.4	K30.2	
	17.	K18.1	K6.26	K24.8	K6.26	K16.5	K7.05	K6.78	K6.78	K6.78	K5.76	K9.48	9.81	K30.8	K30.2	
	18.	K16.1	K6.26	K24.4	K6.01	K16.1	K7.33	K6.51	K6.51	K7.05	K6.01	K8.52	9.81	K30.2	K37.4	
	19.	K13.4	K6.51	K24.8	K6.01	K16.5	K7.33	K6.51	K6.78	K6.78	K5.76	K10.1	9.81	K30.8	K50.7	
	20.	K13.7	K6.51	K21.6	K6.01	K21.1	K7.33	K6.51	K6.26	K7.05	K5.76	K9.81	9.81	K30.2	K51.5	
	21.	K21.6	K6.51	K14.9	K12.6	K24.8	K7.33	K6.78	K6.51	K6.78	K5.53	K9.81	18.9	K30.8	K51.5	
	22.	K26.4	K6.26	K14.9	K18.9	K26.4	K7.05	K6.78	K6.51	K6.51	K5.76	K9.81	18.5	K30.8	K51.5	
	23.	K26.9	K6.26	K18.1	K19.4	K26.4	K7.05	K6.78	K6.51	K6.51	K5.76	K18.5	10.1	K30.2	K50.7	
	24.	K26.9	K6.26	K21.1	K21.6	K25.9	K6.78	K6.78	K6.51	K6.51	K5.76	K18.9	9.81	K29.6	K49.2	
	25.	K18.9	K6.26	K23.9	K25.3	K25.9	K6.78	K6.51	K6.51	K6.51	K5.76	K10.5	22.9	K30.2	K50.7	
	26.	K9.15	K6.26	K24.4	K24.4	K25.3	K6.78	K6.78	K6.51	K6.26	K5.76	K10.5	23.4	K30.2	K50.0	
	27.	K8.84	K6.26	K22.5	K24.8	K22.5	K6.78	K6.51	K6.51	K6.26	K6.01	K10.8	19.4	K30.2	K45.6	
	28.	K17.7	K6.26	K19.4	K24.4	K21.1	K6.78	K9.21	K6.51	K6.51	K6.01	K10.5	7.05	K29.1	K40.1	
	29.	K26.9	K6.51	K19.4	K19.4	K21.1	K6.78	K7.05	K6.51	K6.01	K5.76	K10.5	5.76	K16.9	K42.8	
	30.	K26.9	K6.26	K19.4	K16.5	K16.5	K6.26	K6.78	K6.51	K6.01	K6.01	K19.8	9.75	K30.8	K40.7	
	31.	K6.26	K6.26	K19.8	K12.3	K12.3		K6.78	K6.78	K6.26	K5.76		14.5	K40.1	K40.1	
Hauptwerte	Tag	6.	8+	8.	18+	31.	30.	1+	14+	29+	21.	3+	29.	15.	13.	
	NQ	7.62	6.26	6.01	6.01	12.3	6.26	6.26	6.26	6.26	5.53	5.76	5.76	6.01	6.01	
	MQ	16.5	8.02	13.8	12.6	19.2	7.49	6.63	6.78	6.75	5.87	8.87	13.7	25.4	33.8	
	HQ	32.5	30.8	26.4	27.4	27.4	25.9	13.4	21.1	20.7	6.26	19.8	24.8	33.7	55.3	
	Tag	22.	1.	20.	27.	23.	1.	28.	4.	1.	1.	24.	25.	17.	19.	
	h <sub>N</sub> mm	26	13	22	18	31	12	11	11	11	9	14	22	40	54	
	h <sub>A</sub> mm															
	1954/2016		1955/2017 63 Kalenderjahre													
	Jahr	1964	1982	1965	1965	1977	1977+	1977+	1977	1979	1977	1984	1982	1964	1982	
	NQ	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	7.57	7.73	9.14	9.96	8.90	7.85	6.66	7.40	7.15	6.94	7.76	7.30	7.46	7.62		
MQ	15.1	19.9	22.9	21.9	22.0	19.9	13.0	13.9	11.4	11.4	12.0	13.2	15.3	20.2		
MHQ	32.1	42.5	46.8	43.9	44.4	42.3	32.8	31.8	24.4	22.3	25.5	30.3	32.3	42.9		
HQ	125.1	141	138	117	121	152	116	150	120	85.0	75.1	141	125	141		
Jahr	1998	1974	1982+	1980	1987	1988	2013	2013	1958	1970	1970	1970	1998	1974		
Mh <sub>N</sub> mm	24	32	37	32	35	31	21	22	18	18	19	21	24	32		
Mh <sub>A</sub> mm																
Dauertabelle	Abflussjahr (*)		2017				Kalenderjahr				Unterschnittene Abflüsse m³/s					
	Jahr		Datum		Winter	Sommer	Jahr		Datum		1955/2017 63 Kalenderjahre		Untere Hüllkurve			
	2017		2017		2017		2017		2017		2017		2017			
	2017		2017		2017		2017		2017		2017		2017			
	2017		2017		2017		2017		2017		2017		2017			
	2017		2017		2017		2017		2017		2017		2017			
	2017		2017		2017		2017		2017		2017		2017			
	2017		2017		2017		2017		2017		2017		2017			
	2017		2017		2017		2017		2017		2017		2017			
	2017		2017		2017		2017		2017		2017		2017			
Extremwerte	Niedrigwasser (n)						Hochwasser									
	m³/s		l/(skm²)		Datum		m³/s		l/(skm²)		cm		Datum			
	2017		2017		2017		2017		2017		2017		2017		2017	
	2017		2017		2017		2017		2017		2017		2017		2017	
	2017		2017		2017		2017		2017		2017		2017		2017	
	2017		2017		2017		2017		2017		2017		2017		2017	
	2017		2017		2017		2017		2017		2017		2017		2017	
	2017		2017		2017		2017		2017		2017		2017		2017	
	2017		2017		2017		2017		2017		2017		2017		2017	
	2017		2017		2017		2017		2017		2017		2017		2017	
1	0.000	0.000	01.04.1984	152	91.3	262	06.04.1988	06.04.1988	06.04.1988	06.04.1988	06.04.1988	06.04.1988	06.04.1988	06.04.1988	06.04.1988	
2	0.000	0.000	17.12.1982	150	90.1	266	06.06.2013	06.06.2013	06.06.2013	06.06.2013	06.06.2013	06.06.2013	06.06.2013	06.06.2013	06.06.2013	
3	0.000	0.000	01.04.1977	141	84.7	252	16.12.1974	16.12.1974	16.12.1974	16.12.1974	16.12.1974	16.12.1974	16.12.1974	16.12.1974	16.12.1974	
4	0.000	0.000	16.03.1977	141	84.7	252	01.10.1970	01.10.1970	01.10.1970	01.10.1970	01.10.1970	01.10.1970	01.10.1970	01.10.1970	01.10.1970	
5	0.230	0.138	08.04.1972	138	82.9	257	12.01.2003	12.01.2003	12.01.2003	12.01.2003	12.01.2003	12.01.2003	12.01.2003	12.01.2003	12.01.2003	
6	0.230	0.138	14.04.1964	138	82.9	249	11.01.1982	11.01.1982	11.01.1982	11.01.1982	11.01.1982	11.01.1982	11.01.1982	11.01.1982	11.01.1982	
7	0.330	0.198	04.05.1973	130	78.1	249	29.12.1966	29.12.1966	29.12.1966	29.12.1966	29.12.1966	29.12.1966	29.12.1966	29.12.1966	29.12.1966	
8	0.410	0.246	13.03.1963	128	76.9	239	29.12.1993	29.12.1993	29.12.1993	29.12.1993	29.12.1993	29.12.1993	29.12.1993	29.12.1993	29.12.1993	
9	0.620	0.372	21.01.1984	125	75.1	237	03.11.1998	03.11.1998	03.11.1998	03.11.1998	03.11.1998	03.11.1998	03.11.1998	03.11.1998	03.11.1998	
10	0.830	0.498	28.11.1963	121	72.7	233	06.03.1987	06.03.1987	06.03.1987	06.03.1987	06.03.1987	06.03.1987	06.03.1987	06.03.1987	06.03.1987	

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Beeinflussung durch TS-Steuerung  
 395 Tage Verkrautung

A<sub>E0</sub> : 2678.00 km<sup>2</sup>  
 PNP : NHH+ 190.18 m  
 Lage : 258.00 km oberhalb der Mündung rechts



Pegel : Rudolstadt Nr. 570270  
 Gewässer : Saale  
 Gebiet : Obere Saale

	Tag	2016			2017											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
Tageswerte	1.	K15.6	K33.7	K10.5	K24.4	K44.6	K23.7	K9.61	K11.4	K12.8	K14.4	K10.9	K24.4	K25.8	K48.7	
	2.	K16.8	K32.2	K10.9	K24.4	K45.4	K15.6	K10.5	K10.9	K9.61	K11.9	K10.5	K25.1	K30.7	K47.1	
	3.	K16.8	K15.6	K10.9	K23.7	K40.6	K16.2	K10.5	K10.9	K11.4	K11.4	K10.5	K28.6	K30.0	K44.6	
	4.	K16.8	K15.6	K10.5	K10.9	K36.7	K17.4	K10.0	K19.1	K8.76	K10.9	K10.0	K17.9	K27.2	K43.8	
	5.	K11.4	K13.8	K10.5	K15.6	K35.9	K17.4	K10.0	K11.9	K8.33	K10.0	K10.0	K16.8	K27.2	K43.8	
	6.	K11.9	K13.8	K9.61	K16.8	K35.2	K14.4	K10.0	K10.5	K8.33	K9.61	K13.3	K17.4	K32.2	K37.5	
	7.	K13.3	K12.4	K9.18	K16.2	K35.9	K12.4	K9.61	K10.9	K8.76	K9.61	K9.61	K26.5	K31.5	K31.5	
	8.	K16.2	K10.5	K11.4	K16.2	K34.4	K12.4	K9.61	K10.0	K8.33	K9.18	K9.18	K27.2	K27.2	K32.2	
	9.	K16.8	K10.0	K11.4	K16.2	K35.9	K11.9	K10.0	K9.61	K8.33	K9.18	K8.76	K17.9	K27.9	K31.5	
	10.	K17.4	K10.0	K11.4	K13.8	K35.2	K11.4	K10.0	K10.0	K10.0	K11.9	K8.76	K17.4	K31.5	K30.7	
	11.	K19.7	K9.61	K12.4	K11.4	K33.7	K10.9	K9.61	K9.18	K11.4	K25.1	K8.76	K17.4	K31.5	K32.9	
	12.	K23.0	K11.4	K12.8	K11.4	K32.9	K10.9	K9.18	K9.18	K11.4	K23.7	K8.76	K16.8	K32.2	K32.2	
	13.	K23.0	K10.9	K11.4	K10.9	K32.2	K10.9	K10.5	K9.18	K13.3	K20.3	K8.33	K16.2	K33.7	K30.7	
	14.	K23.0	K10.5	K10.9	K10.5	K30.0	K10.9	K11.9	K9.18	K10.5	K18.5	K13.3	K25.1	K32.9	K39.1	
	15.	K23.0	K10.5	K10.5	K10.5	K29.3	K10.5	K11.4	K8.76	K10.5	K16.8	K17.9	K25.1	K16.2	K56.5	
	16.	K23.7	K10.9	K15.6	K10.5	K27.9	K10.9	K10.9	K9.18	K9.61	K16.2	K15.0	K15.6	K24.4	K53.8	
	17.	K25.1	K10.9	K30.0	K11.4	K27.2	K11.4	K10.5	K9.18	K10.0	K15.0	K17.9	K15.0	K39.1	K50.4	
	18.	K26.5	K10.5	K30.0	K12.4	K28.6	K12.4	K10.5	K9.18	K11.4	K13.8	K14.4	K15.0	K39.1	K52.1	
	19.	K25.8	K10.9	K28.6	K12.8	K31.5	K12.8	K16.8	K9.18	K10.0	K14.4	K16.8	K14.4	K39.9	K66.9	
	20.	K28.6	K10.5	K28.6	K13.3	K32.9	K12.4	K25.8	K9.18	K12.8	K12.4	K14.4	K13.8	K39.9	K65.9	
	21.	K33.7	K10.5	K19.7	K25.1	K39.1	K10.9	K19.1	K9.18	K11.4	K11.4	K15.6	K23.0	K39.9	K65.9	
	22.	K39.9	K10.0	K18.5	K42.2	K43.0	K11.4	K17.4	K9.61	K11.4	K15.6	K23.0	K23.0	K40.6	K68.9	
	23.	K38.3	K10.0	K20.3	K54.7	K42.2	K11.4	K15.6	K12.4	K10.9	K9.61	K23.7	K15.0	K40.6	K68.9	
	24.	K36.7	K10.0	K25.1	K55.6	K41.4	K10.9	K14.4	K9.18	K10.0	K10.9	K23.7	K14.4	K40.6	K72.9	
	25.	K32.9	K10.9	K30.0	K53.0	K39.9	K10.9	K13.8	K8.33	K13.3	K10.5	K25.8	K48.7	K80.4	K80.4	
	26.	K17.4	K10.9	K30.0	K47.9	K39.1	K10.9	K12.8	K8.76	K19.1	K17.4	K15.0	K27.9	K52.1	K81.4	
	27.	K16.2	K11.4	K28.6	K44.6	K35.9	K10.9	K12.4	K8.76	K19.1	K13.8	K15.0	K27.2	K52.1	K77.1	
	28.	K21.6	K10.9	K23.7	K45.4	K32.9	K10.9	K13.8	K8.33	K23.0	K12.4	K14.4	K12.4	K54.7	K65.9	
	29.	K33.7	K11.4	K23.7	K32.2	K10.9	K11.9	K11.9	K8.76	K17.9	K11.4	K13.8	K12.4	K40.6	K63.0	
	30.	K32.9	K11.4	K25.1	K30.0	K10.5	K10.5	K13.3	K11.4	K15.0	K10.9	K23.0	K15.0	K51.2	K61.1	
	31.	K10.9	K10.9	K25.8	K18.5	K18.5	K12.4	K12.4	K12.4	K13.3	K11.4	K11.4	K21.6	K61.1	K61.1	
Tag		5.	11.	7.	14.	31.	15.	1.	25.	5.	13.	28.	15.	10.		
NQ		11.4	9.61	10.5	18.5	18.5	10.5	9.61	8.33	8.33	9.18	12.4	16.2	30.7		
MQ		23.3	12.7	18.3	23.8	34.8	12.5	12.4	10.1	11.9	13.4	13.7	19.7	52.9		
HQ		43.0	37.5	35.2	65.0	48.7	36.7	33.7	29.3	27.9	32.9	27.2	31.5	83.6		
Tag		22.	2.	20.	23.	2.	1.	20.	4.	28.	11.	6.	28.	25.		
h <sub>N</sub> mm		23	13	18	21	35	12	12	10	12	13	13	20	35		
h <sub>A</sub> mm														53		
		1942/2016			1943/2017 75 Kalenderjahre <sup>2</sup>											
Jahr		1967	1997	1963	1954	1972	1963	1998	1947	1947	2003	1999	2003	1967	1997	
NQ		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	
MNO		12.9	15.3	16.9	19.2	19.9	17.9	12.5	11.6	10.6	10.4	11.4	11.0	13.0	15.5	
MQ		22.7	31.8	35.9	35.0	37.3	34.7	21.0	21.3	17.3	16.7	17.5	18.6	22.9	32.3	
MHQ		42.8	62.6	72.6	67.4	71.3	66.2	44.0	44.9	36.5	32.9	33.8	37.4	43.3	63.3	
Jahr		1998	1993	2003	1946	2002	1994	2013	2013	1958	1981	2007	1998	1998	1993	
Mh <sub>N</sub> mm		22	32	36	32	37	34	21	21	17	17	17	19	22	32	
Mh <sub>A</sub> mm																
Hauptwerte			Abflussjahr (*) 2017				Kalenderjahr 2017				Unterschrittene Abflüsse m³/s					
			Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschreitungs-dauer in Tagen	Abfluss-jahr (*) 2017	Kalender-jahr 2017	1943/2017 75 Kalenderjahre <sup>2</sup>	Oberere Hüllkurve	Mittlere Werte	Untere Hüllkurve	
	NQ	m³/s	8.33	am 25.06.2017	9.18	8.33	8.33	am 25.06.2017	364	55.6	81.4	309	154	32.2		
	MQ	m³/s	17.2		20.9	13.6	21.7		363	54.7	80.4	240	138	30.3		
	HQ	m³/s	65.0	am 23.02.2017 bei W = 119 cm	65.0	33.7	83.6	am 25.12.2017 bei W = 139 cm	362	53.0	77.1	229	127	26.7		
	Nq	l/(skm²)	3.11		3.43	3.11	3.11		361	47.9	72.9	226	120	25.1		
	Mq	l/(skm²)	6.42		7.80	5.06	8.09		360	45.4	68.9	218	114	22.2		
	Hq	l/(skm²)	24.3		24.3	12.6	31.2		359	45.4	68.9	207	108	21.3		
	h <sub>N</sub>	mm							358	44.6	66.9	194	102	21.3		
	h <sub>A</sub>	mm	202		122	80	255		357	44.6	65.9	177	97.6	20.7		
			1943/2017 (*) 75 Jahre <sup>2</sup>				1943/2017				Dauertabelle					
	NQ	m³/s	3.20	am 28.06.1947	4.04	3.20	3.20	am 28.06.1947	210	15.0	17.4	39.2	20.0	11.1		
	MNO	m³/s	7.45		10.2	7.84	7.46		183	13.3	15.0	33.0	17.9	9.20		
	MQ	m³/s	25.8		32.9	18.7	25.8		150	11.4	12.8	27.0	15.6	8.40		
	MHQ	m³/s	129		119	69.1	131		130	11.4	11.9	24.9	14.4	7.84		
	HQ	m³/s	363	am 13.04.1994 bei W = 301 cm	363	269	363	am 13.04.1994 bei W = 301 cm	120	10.9	11.4	24.0	13.8	7.84		
	HQ <sub>1</sub>	m³/s							110	10.9	11.4	23.3	13.2	7.48		
	HQ <sub>5</sub>	m³/s							100	10.9	10.9	22.6	12.6	7.48		
	90								80	10.5	10.9	21.9	11.6	6.80		
	80								70	10.5	10.5	21.2	11.1	6.80		
60								60	10.0	10.5	20.5	10.5	6.40			
50								50	10.0	10.0	19.9	9.96	6.40			
40								40	9.61	9.61	19.2	9.30	6.40			
30								30	9.18	9.18	17.9	8.76	6.00			
25								25	9.18	9.18	17.9	8.40	6.00			
20								20	9.18	9.18	17.3	8.10	5.70			
15								15	8.76	8.76	17.3	7.80	5.40			
10								10	8.76	8.76	16.7	7.29	5.10			
9								9	8.76	8.76	16.1	7.20	5.10			
8								8	8.76	8.76	16.1	7.20	5.00			
7								7	8.76	8.76	15.6	7.07	5.00			
6								6	8.33	8.33	15.6	6.80	5.00			
5								5	8.33	8.33	15.6	6.80	4.60			
4								4	8.33	8.33	15.1	6.46	4.60			
3								3	8.33	8.33	14.7	6.40	4.60			
2								2	8.33	8.33	14.6	6.00	4.32			
1								1	8.33	8.33	14.2	5.70	4.04			
0								0	8.33	8.33	14.2	3.20	3.20			
Extremwerte	Niedrigwasser (n)				Hochwasser											
		m³/s	l/(skm²)	Datum	m³/s	l/(skm²)	cm	Datum								
	1	3.20	1.19	28.06.1947	363	136	301	13.04.1994								
	2	4.04	1.51	25.11.1967	315	118	250	09.02.1946								
	3	4.90	1.83	27.08.2003	275	103	253	03.01.2003								
	4	4.90	1.83	16.09.1999	269	100	269	01.06.2013								
	5	5.14	1.92	21.02.1954	229	85.5	227	27.02.2002								
	6	5.20	1.94	15.01.1963	224	83.5	224	01.11.1998								
	7	5.40	2.02	08.06.1998	221	82.5	245	02.04.1988								
	8	5.40	2.02	09.08.1946	212	79.5	240	06.01.1982								
9	5.51	2.06	30.09.1997	212	79.5	243	07.07.1958									
10	5.61	2.09	18.08.1964	205	76.5	214	28.01.2002									

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Beeinflussung durch TS-Steuerung  
 426 Tage Verkrautung  
<sup>2</sup>Vorsicht: 2.7% Lücken im Zeitraum 1943/2017  
<sup>2</sup>Ausgefallene Abflussjahre: 1945, 1952

A<sub>Eo</sub> : 3977.00 km<sup>2</sup>  
 PNP :NHN+ 118.55 m  
 Lage : 187.00 km oberhalb der Mündung links



Pegel : Camburg-Stöben Nr. 570330  
 Gewässer: Saale  
 Gebiet : Obere Saale

Tag	2016			2017											
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	K18.3	K36.3	14.2	29.5	K50.4	29.9	K13.0	K14.2	K12.6	K19.2	K13.8	K28.0	K26.1	K55.6	
2.	K20.1	K37.8	14.6	28.0	K51.4	21.9	K13.8	K13.4	K14.2	K18.8	K13.0	K27.1	K33.4	K53.5	
3.	K21.0	K27.5	14.6	29.5	K48.4	19.2	K15.4	K15.0	K13.4	K15.8	K12.2	K29.9	K33.4	K51.4	
4.	K20.5	K19.2	15.0	25.1	K43.8	21.9	K13.8	K19.2	K10.7	K15.8	K11.5	K30.9	K32.9	K50.4	
5.	K18.8	K18.3	15.0	23.9	K41.8	21.9	K13.8	K21.9	K10.4	K14.6	K11.8	K21.0	K31.4	K50.9	
6.	K17.9	K17.9	13.8	21.9	K40.8	21.0	K13.8	K15.0	K10.0	K14.2	K12.2	K20.5	K34.8	K49.9	
7.	K16.6	K17.5	11.1	22.3	K41.8	17.0	K13.4	K14.6	K10.0	K13.0	K14.2	K21.4	K37.8	K40.3	
8.	K20.1	K15.4	14.2	21.4	K41.3	16.2	K13.4	K13.4	K10.4	K12.6	K11.5	K29.0	K33.4	K38.3	
9.	K21.0	K14.6	15.4	20.5	K42.3	15.8	K13.8	K12.6	K9.66	K12.2	K10.7	K28.5	K31.4	K38.3	
10.	K21.0	K14.2	14.6	20.5	K42.3	15.0	K13.4	K13.0	K11.8	K16.2	K10.7	K21.0	K33.4	K37.3	
11.	K21.4	K14.2	15.4	16.6	K40.3	15.4	K13.4	K11.8	K13.4	K29.0	K10.7	K20.5	K35.8	K37.3	
12.	K25.1	K14.2	16.6	16.2	K39.8	14.2	K13.8	K11.5	K14.2	K28.5	K10.4	K20.1	K36.8	K41.3	
13.	K26.1	K15.0	16.2	15.4	K38.3	15.4	K14.2	K11.1	K15.4	K26.1	K10.7	K19.2	K38.3	K35.8	
14.	K25.1	K14.6	15.4	15.0	K36.8	14.6	K15.4	K11.1	K13.4	K22.3	K11.8	K19.6	K38.3	K37.8	
15.	K25.6	K14.6	14.6	14.6	K35.3	14.6	K15.0	K10.7	K13.0	K20.5	K19.2	K27.5	K30.4	K55.6	
16.	K26.6	K14.2	14.2	15.0	K33.8	14.6	K14.2	K11.8	K13.0	K20.5	K18.3	K24.7	K20.5	K60.3	
17.	K28.0	K13.8	27.1	15.8	K33.4	15.4	K13.0	K11.5	K11.8	K18.8	K17.0	K17.9	K38.3	K57.7	
18.	K29.0	K13.8	32.9	17.0	K32.9	16.2	K13.0	K11.1	K13.0	K18.3	K19.2	K17.9	K43.8	K55.1	
19.	K29.5	K13.8	32.4	17.9	K39.3	18.8	K15.4	K10.7	K12.2	K19.2	K18.3	K17.9	K42.8	K65.6	
20.	K30.4	K13.8	31.4	18.3	K36.8	15.8	K37.8	K10.7	K16.2	K16.2	K18.8	K17.5	K42.8	K71.0	
21.	K31.4	K13.8	28.5	21.9	K42.3	15.8	K26.1	K10.4	K16.2	K14.6	K18.3	K18.8	K44.3	K70.4	
22.	K40.3	K13.4	22.3	40.3	K46.8	15.0	K22.3	K10.7	K13.4	K13.8	K17.9	K26.6	K44.3	K73.7	
23.	K41.8	K13.4	21.9	53.5	K48.4	15.4	K20.5	K15.8	K12.6	K13.4	K19.6	K26.1	K44.3	K73.7	
24.	K40.8	K13.4	26.1	59.8	K47.3	14.6	K19.6	K12.2	K13.0	K12.6	K25.6	K19.2	K43.8	K75.3	
25.	K39.8	K13.4	31.9	58.7	K45.8	14.6	K17.9	K11.1	K16.6	K12.6	K24.7	K19.2	K51.4	K80.8	
26.	K28.0	K14.2	33.4	54.5	K44.8	14.2	K16.6	K10.4	K20.1	K16.6	K17.5	K30.4	K64.0	K84.7	
27.	K21.0	K14.6	33.4	49.9	K43.8	14.2	K15.8	K10.0	K23.7	K22.3	K17.9	K31.9	K59.2	K84.7	
28.	K20.1	K14.6	29.9	48.9	K38.8	14.2	K15.0	K10.4	K23.7	K15.8	K17.9	K25.6	K59.2	K75.3	
29.	K31.9	K14.6	27.1		K37.8	14.6	K15.8	K12.2	K24.7	K14.2	K17.5	K15.8	K54.5	K69.9	
30.	K36.3	K14.6	28.0		K36.8	14.2	K15.4	K16.2	K20.1	K13.4	K18.8	K18.8	K51.9	K68.8	
31.		K14.2	29.5		K28.0		K16.6	K17.9	K17.9	K13.0	K21.9	K21.9	K66.1	K66.1	
Tag	7.	22.4	7.	15.	31.	12.4	1.4	27.	9.	12.	29.	16.	13.		
NQ	16.6	13.4	11.1	14.6	28.0	14.2	13.0	10.0	9.66	12.2	10.4	15.8	20.5	35.8	
MQ	26.5	16.6	21.6	28.2	41.0	16.7	16.3	12.8	14.5	17.2	15.7	23.0	40.4	58.3	
HQ	46.8	40.3	36.8	61.3	53.0	39.3	43.8	31.9	31.4	37.8	27.5	34.3	67.2	86.4	
Tag	22.	2.	17.	24.	2.	1.	20.	4.	27.	11.	23.	4.	26.	27.	
h <sub>N</sub> mm	17	11	15	17	28	11	11	8	10	12	10	16	26	39	
h <sub>A</sub> mm															
	1931/2016			1932/2017						86 Kalenderjahre					
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	17.9	19.4	21.6	24.4	26.5	23.4	17.3	16.0	14.6	13.7	14.3	14.4	18.0	19.7	
MQ	28.6	36.1	41.1	40.4	45.5	41.5	27.5	27.0	22.2	20.8	21.2	22.5	28.9	36.5	
MHQ	50.5	65.9	77.3	71.3	79.4	73.5	53.0	55.1	45.0	38.1	38.8	41.4	50.9	66.4	
HQ	258	299	227	273	193	282	235	310	236	173	188	162	258	299	
Jahr	1940	1939	2003	1946	2002	1994	1941	2013	1958	1981	2007	1998	1940	1939	
Mh <sub>N</sub> mm	19	24	28	25	31	27	18	18	15	14	14	15	19	25	
Mh <sub>A</sub> mm															
	Abflussjahr (*) 2017				Kalenderjahr 2017				Unterschnittene Abflüsse m³/s						
	Jahr		Datum		Winter		Sommer		Jahr		Datum		1932/2017 86 Kalenderjahre		
													Obere Hüllkurve		
													Mittlere Werte		
													Untere Hüllkurve		
NQ	m³/s	9.66	am 09.07.2017		11.1	9.66		9.66	am 09.07.2017		364	59.8	84.7	306	
MQ	m³/s	20.8			25.1	16.6		25.5			363	58.7	84.7	295	
HQ	m³/s	61.3	am 24.02.2017 bei W = 161 cm		61.3	43.8		86.4	am 27.12.2017 bei W = 206 cm		362	54.5	80.8	293	
Nq	l/(skm²)	2.43			2.79	2.43		2.43			361	53.5	75.3	275	
Mq	l/(skm²)	5.24			6.31	4.18		6.42			360	51.4	75.3	262	
Hq	l/(skm²)	15.4			15.4	11.0		21.7			359	50.4	73.7	260	
h <sub>N</sub> mm											358	49.9	73.7	248	
h <sub>A</sub> mm	165				99	66		202			357	48.9	71.0	230	
	1932/2017 (*) 86 Jahre				1932/2017				Dauertabelle						
NQ	m³/s	5.40	am 08.07.1934		6.08	5.40		5.40	am 08.07.1934		356	48.4	70.4	208	
MNQ	m³/s	10.7			14.0	11.2		10.8			355	43.8	60.3	167	
MQ	m³/s	31.1			38.9	23.5		31.2			354	40.8	54.5	139	
MHQ	m³/s	138			125	83.6		141			353	37.8	49.9	127	
HQ	m³/s	310	am 02.06.2013 bei W = 488 cm		299	310		310	am 02.06.2013 bei W = 488 cm		352	33.4	44.3	110	
HQ <sub>1</sub> m³/s											351	30.0	39.3	93.8	
HQ <sub>5</sub> m³/s											350	29.0	32.9	78.4	
MNq	l/(skm²)	2.68			3.51	2.81		2.73			349	24.7	32.9	78.4	
Mq	l/(skm²)	7.83			9.78	5.91		7.85			348	20.5	27.1	69.7	
MHq	l/(skm²)	34.7			31.4	21.0		35.5			347	18.8	21.4	63.5	
Mh <sub>N</sub> mm											346	17.0	18.8	58.6	
Mh <sub>A</sub> mm	247				153	94		248			345	15.4	16.2	51.1	
	Niedrigwasser (n)				Hochwasser										
	m³/s	l/(skm²)	Datum		m³/s	l/(skm²)	cm	Datum							
1	5.40	1.36	08.07.1934		310	77.9	488	02.06.2013							
2	5.55	1.40	16.09.1947		299	75.2		03.12.1939							
3	5.80	1.46	14.07.1935		282	70.9	475	14.04.1994							
4	6.08	1.53	23.09.1949		274	68.9		01.06.1941							
5	6.60	1.66	10.09.1933		273	68.6		10.02.1946							
6	6.84	1.72	12.01.1964		258	64.9		06.11.1940							
7	7.00	1.76	16.08.1998		236	59.3		08.07.1958							
8	7.25	1.82	04.11.1951		227	57.1	420	04.01.2003							
9	7.34	1.85	24.10.1948		220	55.3	410	16.01.2011							
10	7.69	1.93	07.07.2014		207	52.0		23.05.1941							

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Beeinflussung durch TS-Steuerung  
 337 Tage Verkrautung

A<sub>E0</sub> : 158.30 km<sup>2</sup>  
 PNP : NHH+ 395.63 m  
 Lage : 11.70 km oberhalb der Mündung rechts



Pegel : Möschlitz Nr. 571700  
 Gewässer : Wisenta  
 Gebiet : Obere Saale

	Tag	2016		2017														
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
Tageswerte	1.	0.675	0.515	0.675	0.515	1.60	1.05	0.215	0.174	0.174	0.380	0.515	0.380	0.945	1.37			
	2.	0.515	0.761	0.761	0.380	1.48	1.05	0.447	0.174	0.174	0.380	0.447	0.318	0.595	1.05			
	3.	0.318	0.761	0.595	0.447	1.26	0.761	0.515	0.215	0.174	0.318	0.380	0.853	0.675	0.853			
	4.	0.595	0.595	0.761	0.853	1.15	0.675	0.380	0.761	0.139	0.266	0.380	0.447	0.761	0.761			
	5.	1.37	0.515	0.595	1.26	0.945	0.515	0.318	0.380	0.139	0.215	0.318	0.380	0.761	1.37			
	6.	1.48	0.447	R 0.380	1.60	0.945	0.515	0.318	0.318	0.139	0.266	0.266	0.380	1.26	1.97			
	7.	1.48	0.380	R 0.595	1.48	1.15	0.515	0.380	0.266	0.174	0.266	0.318	0.515	1.60	2.09			
	8.	1.15	0.266	R 0.853	1.05	1.26	0.447	0.318	0.266	0.139	0.215	0.318	1.05	0.853	1.72			
	9.	0.853	0.266	R 0.515	0.853	1.72	0.447	0.215	0.266	0.139	0.215	0.266	1.05	1.26	1.60			
	10.	1.05	0.318	R 0.595	0.595	1.97	0.447	0.174	0.266	0.380	0.945	0.266	1.26	1.60	1.60			
	11.	1.15	0.318	R 0.447	0.675	1.72	0.447	0.174	0.215	0.380	2.09	0.266	0.853	1.15	1.48			
	12.	1.37	0.515	R 0.447	0.595	1.48	0.380	0.215	0.215	0.318	1.37	0.266	0.675	1.26	2.76			
	13.	1.15	0.853	R 0.515	0.595	0.761	0.447	0.174	0.215	0.318	0.945	0.318	0.595	1.84	3.18			
	14.	0.945	1.15	R 0.515	0.447	0.761	0.318	0.318	0.215	0.174	0.761	0.515	0.761	2.76	2.09			
	15.	0.853	0.675	R 0.515	0.318	0.761	0.380	0.447	0.215	0.215	0.675	0.380	0.675	3.04	2.63			
	16.	1.48	0.515	R 0.515	0.447	0.853	0.595	0.595	0.380	0.174	0.595	0.380	0.515	1.97	2.76			
	17.	2.09	0.447	R 0.266	1.26	0.761	0.595	0.215	0.215	0.318	0.515	0.318	0.515	1.48	2.49			
	18.	2.90	0.447	R 0.266	4.98	1.15	0.853	0.174	0.215	0.266	0.447	0.380	0.675	1.60	1.97			
	19.	2.49	0.515	R 0.266	5.52	5.11	0.945	0.174	0.215	0.215	0.515	0.515	0.853	1.26	1.26			
	20.	1.72	0.515	D 0.266	5.25	5.66	0.945	0.447	0.174	0.595	0.380	0.853	0.675	1.05	1.15			
	21.	1.48	0.515	D 0.266	8.14	2.76	0.675	0.675	0.215	0.318	0.380	0.675	0.853	1.60	1.48			
	22.	1.37	0.447	D 0.266	8.92	2.49	0.761	0.266	0.215	0.266	0.318	0.595	0.853	2.09	3.60			
	23.	1.15	0.380	D 0.266	6.79	2.63	0.595	0.215	0.761	0.174	0.318	0.447	0.853	1.72	4.30			
	24.	0.945	0.380	D 0.266	4.57	1.84	0.515	0.215	0.266	0.380	0.318	0.380	0.945	1.26	3.74			
	25.	0.761	0.318	D 0.266	3.32	1.72	0.447	0.174	0.174	0.675	0.266	0.318	0.675	4.16	3.18			
	26.	0.853	0.380	D 0.266	2.49	1.60	0.318	0.215	0.174	0.853	1.26	0.318	0.380	8.30	1.72			
	27.	0.853	0.447	D 0.266	1.26	1.15	0.266	0.174	0.215	0.761	0.675	0.266	0.675	5.52	1.60			
	28.	0.853	0.761	D 0.266	1.48	0.853	0.266	0.174	0.266	1.15	0.595	0.266	1.05	3.32	1.26			
	29.	0.675	1.05	R 0.266	0.675	0.675	0.266	0.174	0.380	0.595	0.447	0.266	1.72	2.22	1.72			
	30.	0.515	1.05	R 0.447	0.675	0.675	0.215	0.266	0.266	0.380	0.447	0.266	4.02	1.72	1.05			
	31.		0.853	R 0.675	0.675	0.447	0.215	0.215	0.380	0.380	0.675	0.266	2.09	1.05	1.05			
Hauptwerte	Tag	3.	8+	17+	15.	31.	30.	10+	1+	4+	5+	6+	2.	2.	4.			
	NQ	0.318	0.266	0.266	0.318	0.447	0.215	0.174	0.174	0.139	0.215	0.266	0.318	0.595	0.761			
	MQ	1.17	0.560	0.447	2.36	1.59	0.555	0.290	0.276	0.344	0.563	0.382	0.888	1.99	1.96			
	HQ	3.04	1.48	1.48	10.0	7.38	1.97	1.37	3.04	2.36	4.71	1.15	4.57	8.92	5.25			
	Tag	17.	13.	5.	21.	19.	1.	21.	23.	25.	11.	21.	30.	26.	22.			
	h <sub>N</sub> mm	19	9	8	36	27	9	5	5	6	10	6	15	33	33			
	h <sub>A</sub> mm																	
		1924/2016			1925/2017 93 Kalenderjahre <sup>2</sup>													
	Jahr	1929+	1993	1972	1963	1993	1930	1943+	1968	1976	1929+	1929	1929	1929+	1993			
	NQ	0.040	0.040	0.060	0.050	0.050	0.020	0.040	0.030	0.010	0.010	0.000	0.010	0.040	0.040			
MNQ	0.393	0.463	0.643	0.671	0.686	0.547	0.335	0.267	0.228	0.204	0.223	0.263	0.390	0.467				
MQ	1.00	1.41	1.84	1.89	2.29	1.65	0.994	0.986	0.716	0.578	0.568	0.811	1.00	1.42				
MHQ	3.39	5.12	7.19	7.68	8.37	6.03	4.33	5.55	4.26	3.36	2.70	3.36	3.41	5.16				
Jahr	21.8	38.4	31.2	57.6	29.9	29.4	31.7	50.5	37.4	31.7	32.7	30.6	21.8	38.4				
Mh <sub>N</sub> mm	2010	1974	1932	1935	1970	1970	2013	2013	1932	1970	2007	1974	2010	1974				
Mh <sub>A</sub> mm	16	24	31	29	39	27	17	16	12	10	9	14	16	24				
Hauptwerte	Abflussjahr (*)		2017		Kalenderjahr		2017		Unter-		Unterschrittene Abflüsse m³/s							
	Jahr		Datum		Winter		Sommer		Jahr		Kalender-		1925/2017 93 Kalenderjahre <sup>2</sup>					
									Datum		jahr (*)		Obere		Mittlere		Untere	
											2017		Hüllkurve		Werte		Hüllkurve	
	NQ	m³/s	0.139	am 04.07.2017	0.215	0.139	0.139	am 04.07.2017	0.139	am 04.07.2017	8.92	8.92	47.1	16.1	1.35			
	MQ	m³/s	0.775		1.10	0.459	0.961		0.961		8.14	8.30	32.2	12.7	1.29			
	HQ	m³/s	10.0	am 21.02.2017 bei W = 144 cm	10.0	4.71	10.0	am 21.02.2017 bei W = 144 cm	10.0	am 21.02.2017 bei W = 144 cm	6.79	8.14	28.0	10.9	1.18			
	Nq	l/(skm²)	0.878		1.36	0.878	0.878		0.878		5.66	6.79	28.0	9.55	1.13			
	Mq	l/(skm²)	4.89		6.92	2.90	6.07		6.07		5.52	5.66	27.3	8.58	1.07			
	Hq	l/(skm²)	63.2		63.2	29.8	63.2		63.2		5.25	5.52	25.1	7.82	1.07			
h <sub>N</sub> mm										5.11	5.52	23.7	7.24	0.960				
h <sub>A</sub> mm	154			108	46	191		191		4.98	5.25	23.7	6.74	0.910				
										4.57	5.11	23.2	6.41	0.800				
										2.49	3.74	17.2	4.82	0.630				
										1.72	2.76	11.7	3.50	0.470				
										1.48	2.09	8.58	2.80	0.410				
										1.26	1.72	6.90	2.36	0.410				
										1.05	1.48	5.38	1.77	0.300				
										0.853	1.05	4.25	1.28	0.250				
										0.675	0.853	3.37	0.960	0.210				
										0.595	0.675	3.02	0.750	0.210				
										0.515	0.515	2.49	0.595	0.170				
										0.380	0.447	2.00	0.460	0.130				
										0.380	0.380	1.73	0.380	0.120				
										0.318	0.380	1.66	0.350	0.120				
										0.318	0.318	1.44	0.320	0.100				
										0.318	0.318	1.37	0.300	0.070				
										0.266	0.266	1.24	0.266	0.060				
										0.266	0.266	1.18	0.250	0.040				
										0.266	0.266	1.08	0.220	0.040				
										0.266	0.266	0.940	0.210	0.030				
										0.215	0.215	0.890	0.180	0.020				
										0.215	0.215	0.690	0.160	0.020				
										0.215	0.215	0.650	0.140	0.010				
										0.174	0.174	0.600	0.130	0.010				
										0.174	0.174	0.600	0.120	0.010				
										0.174	0.174	0.560	0.100	0.010				
										0.174	0.174	0.520	0.090	0.010				
										0.174	0.174	0.520	0.080	0.000				
										0.174	0.174	0.520	0.080	0.000				
										0.174	0.174	0.480	0.080	0.000				
										0.174	0.174	0.480	0.080	0.000				
										0.174	0.174	0.480	0.070	0.000				
										0.174	0.174	0.480	0.060	0.000				
										0.139	0.139	0.480	0.060	0.000				
										0.139	0.139	0.450	0.050	0.000				
										0.139	0.139	0.450	0.040	0.000				
										0.139	0.139	0.440	0.030	0.000				
										0.139	0.139	0.400	0.000	0.000				
Extremwerte	Niedrigwasser (n)		Hochwasser															
		m³/s	l/(skm²)		Datum		m³/s		l/(skm²)		cm		Datum					
	1	0.000	0.000		03.09.1929		57.6		364				17.02.1935					
	2	0.010	0.063		17.07.1976		50.5		319		245		03.06.2013					
	3	0.020	0.126		11.10.													

A<sub>E0</sub> : 362.30 km<sup>2</sup>  
 PNP :NHN+ 239.33 m  
 Lage : 1.80 km oberhalb der Mündung rechts



Pegel : Kaulsdorf-Eichicht Nr. 572010  
 Gewässer: Loquitz  
 Gebiet : Obere Saale

Tag	2016		2017												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	1.81	2.22	1.95	R 1.07	K 7.36	K 3.30	K 1.30	K 1.81	K 0.960	2.98	1.81	1.55	1.68	7.15	
2.	1.68	2.37	R 1.95	R 0.855	K 8.40	K 3.14	K 1.68	K 1.55	K 0.960	2.37	1.55	1.43	1.68	5.98	
3.	1.68	2.08	R 1.95	R 0.960	K 8.62	K 2.82	K 1.55	K 1.55	K 0.855	2.22	1.55	2.67	1.68	5.22	
4.	1.55	1.95	R 1.81	1.30	K 8.19	K 2.67	K 1.43	K 3.14	K 0.750	1.95	1.43	2.22	1.55	4.85	
5.	1.81	1.95	R 1.81	1.95	K 7.36	K 2.52	K 1.43	K 2.37	K 0.750	1.68	1.55	2.08	1.81	4.67	
6.	2.22	1.95	R 1.55	1.95	K 7.15	K 2.37	K 1.30	K 2.08	K 0.654	1.55	1.43	2.22	2.67	4.49	
7.	1.95	1.95	R 1.68	1.81	K 7.36	K 2.22	K 1.30	K 1.95	K 0.654	1.43	1.30	2.08	2.22	4.32	
8.	1.81	1.68	R 1.68	1.81	K 6.55	K 2.08	K 1.30	K 1.68	K 0.654	1.30	1.19	2.22	2.22	5.04	
9.	1.95	1.55	R 1.68	1.55	K 7.15	K 1.95	K 1.30	K 1.43	K 0.654	1.19	1.19	2.22	2.82	4.67	
10.	2.08	1.55	R 1.68	1.55	K 6.75	K 1.81	K 1.19	K 1.43	K 0.563	2.22	1.19	2.37	2.67	4.67	
11.	2.08	1.55	R 1.55	1.43	K 6.36	K 1.81	K 1.07	K 1.30	K 1.81	8.19	1.07	2.22	2.98	5.98	
12.	2.08	1.81	R 1.55	1.43	K 5.98	K 1.68	K 1.07	K 1.19	K 1.68	7.15	1.19	2.08	3.14	9.97	
13.	1.95	1.95	R 1.68	1.30	K 5.41	K 1.68	K 1.43	K 1.07	K 1.68	5.98	1.43	1.95	3.63	10.9	
14.	1.95	1.81	R 1.55	1.19	K 5.04	K 1.55	K 1.81	K 0.960	K 1.30	4.85	1.44	1.81	3.63	12.1	
15.	1.95	1.68	R 1.43	1.19	K 4.49	K 1.43	K 1.81	K 0.960	K 1.43	4.14	4.67	1.81	3.63	11.2	
16.	2.52	1.55	R 1.30	1.30	K 4.14	K 1.43	K 1.55	K 1.07	K 1.07	3.63	3.97	1.68	3.63	9.74	
17.	2.14	1.55	R 1.30	1.81	K 3.80	K 1.68	K 1.43	K 0.855	K 1.19	3.14	3.30	1.55	3.63	8.40	
18.	2.32	1.43	R 1.19	2.52	K 4.49	K 2.08	K 1.30	K 0.855	K 1.81	2.82	2.98	1.43	3.63	7.36	
19.	5.98	1.43	R 1.07	2.98	K 5.60	K 2.22	K 2.52	K 0.750	K 1.30	2.82	2.67	1.43	3.63	6.36	
20.	6.55	1.43	R 1.19	3.46	K 4.67	K 1.95	K 5.60	K 0.750	K 1.81	2.37	2.52	1.30	3.46	5.98	
21.	6.17	1.43	R 1.19	6.95	K 4.67	K 1.81	K 4.14	K 0.654	K 1.55	2.08	2.22	1.30	3.63	5.98	
22.	5.41	1.30	R 1.19	8.19	K 5.60	K 1.81	K 3.46	K 0.654	K 1.19	1.81	2.08	1.43	3.63	7.15	
23.	4.67	1.30	R 1.19	12.4	K 5.41	K 1.68	K 2.98	K 1.30	K 1.19	1.68	1.81	1.55	3.46	7.56	
24.	4.14	1.30	R 1.19	11.9	K 5.41	K 1.68	K 2.67	K 0.855	K 1.55	1.68	1.68	1.43	3.46	10.4	
25.	3.80	1.55	R 1.19	9.29	K 5.04	K 1.55	K 2.37	K 0.654	K 2.22	1.55	1.68	1.30	7.36	12.6	
26.	3.46	1.68	R 1.19	7.56	K 4.85	K 1.43	K 2.08	K 0.654	K 3.97	2.67	1.81	1.30	8.62	12.6	
27.	3.14	1.81	R 1.19	6.36	K 4.49	K 1.30	K 1.95	K 0.654	K 4.49	2.08	1.55	1.43	8.62	11.2	
28.	2.82	1.81	R 1.19	6.95	K 4.14	K 1.30	K 1.68	K 0.750	K 6.17	1.81	1.55	1.43	9.97	9.74	
29.	2.52	1.81	R 1.19	6.36	K 3.97	K 1.30	K 1.81	K 1.55	K 4.85	1.55	1.43	1.81	9.06	7.98	
30.	2.37	1.81	R 1.19	6.36	K 3.63	K 1.19	K 2.37	K 1.43	K 3.97	1.43	1.30	1.95	8.19	7.36	
31.	2.37	1.81	R 1.19	6.36	K 3.46	K 1.19	K 2.08	K 1.43	K 3.30	2.08	1.68	1.68	8.19	7.76	
Tag	4.	22.+	19.	2.	31.	30.	11.+	21.+	9.	11.	20.+	4.	7.		
NQ	1.55	1.30	1.07	0.855	3.46	1.19	1.07	0.654	0.563	1.19	1.07	1.30	1.55	4.32	
MQ	2.99	1.71	1.44	3.68	5.66	1.91	1.96	1.26	1.85	2.72	1.97	1.77	4.07	7.72	
HQ	7.15	2.67	2.52	13.9	8.84	3.97	12.6	4.85	6.95	12.9	6.75	3.97	10.4	13.2	
Tag	19.	2.	2.	23.	2.	1.	19.	4.	28.	11.	14.	3.	28.	25.	
h <sub>N</sub> mm	21	13	11	25	42	14	15	9	14	20	14	13	29	57	
h <sub>A</sub> mm	1922/2016														
Jahr	1988	1948	1963	1963	1996	2012	2012	1948	1959	1943	2003	1959	1988	1948	
NQ	0.180	0.300	0.080	0.120	0.680	0.570	0.230	0.130	0.100	0.090	0.160	0.080	0.180	0.300	
MNQ	1.52	1.94	2.16	2.35	2.79	2.84	1.59	1.16	0.883	0.786	0.768	0.884	1.49	1.93	
MNQ	3.50	5.08	5.60	5.50	6.61	5.86	3.18	2.74	2.12	1.68	1.69	2.11	3.47	5.04	
MHQ	9.64	14.5	17.9	15.1	17.7	14.4	8.64	9.33	7.93	5.55	5.57	6.50	9.65	14.4	
HQ	54.4	60.5	89.4	71.3	73.2	129.4	80.2	88.2	60.4	25.6	37.6	39.7	54.4	60.5	
Jahr	1940	1925	2003	1946	1962	1994	2013	2013	1958	1981	1939	1974	1940	1925	
Mh <sub>N</sub> mm	25	38	41	37	49	42	23	20	16	12	12	16	25	37	
Mh <sub>A</sub> mm															
Hauptwerte	Abflussjahr (*) 2017				Kalenderjahr 2017				Unterschnittene Abflüsse m³/s						
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschnittungs-dauer in Tagen	Abfluss-jahr (*) 2017	Kalender-jahr 2017	1923/2017 95 Kalenderjahre²	Mittlere Werte	Untere Hüllkurve			
NQ	0.563	am 09.07.2017	0.855	0.563	0.563	am 09.07.2017	364	12.4	12.6	95.8	33.5	9.03			
MQ	2.41		2.89	1.93	3.00		363	11.9	12.6	62.4	28.1	6.62			
MQ	13.9	am 23.02.2017 bei W = 97.0 cm	13.9	12.9	13.9	am 23.02.2017 bei W = 97.0 cm	362	9.29	12.4	58.8	24.8	6.62			
HQ	13.9						361	8.62	12.1	45.7	22.6	6.62			
Nq	1.55		2.36	1.55	1.55		360	8.40	11.9	41.1	20.9	6.31			
Mq	6.64		7.98	5.32	8.29		359	8.19	11.2	36.9	19.5	6.31			
Hq	38.4		38.4	35.6	38.4		358	8.19	11.2	33.5	18.3	6.00			
h <sub>N</sub> mm							357	8.19	10.9	33.0	17.4	5.72			
h <sub>A</sub> mm	209		125	85	262		356	7.56	10.4	32.0	16.6	5.44			
							350	7.15	9.06	29.2	13.2	4.72			
							340	5.98	7.98	26.9	10.3	3.94			
							330	5.04	7.15	20.9	8.56	3.10			
							320	4.49	6.36	16.8	7.45	2.34			
							300	3.46	4.85	13.0	5.94	1.98			
							270	2.37	3.63	10.4	4.48	1.75			
							240	2.08	2.67	8.56	3.46	1.33			
							210	1.81	2.08	7.08	2.70	1.14			
							183	1.81	1.81	6.38	2.21	0.900			
							150	1.55	1.68	5.52	1.76	0.570			
							130	1.55	1.55	5.00	1.55	0.470			
							120	1.55	1.55	4.72	1.43	0.470			
							110	1.43	1.43	4.53	1.32	0.460			
							100	1.43	1.43	4.15	1.21	0.420			
							90	1.43	1.43	3.97	1.11	0.420			
							80	1.30	1.30	3.79	1.01	0.380			
							70	1.30	1.30	3.43	0.900	0.340			
							60	1.30	1.30	3.43	0.830	0.300			
							50	1.19	1.19	2.92	0.760	0.230			
							40	1.19	1.19	2.63	0.670	0.230			
							30	1.07	1.07	2.37	0.570	0.190			
							25	1.07	1.07	2.25	0.550	0.160			
							20	0.960	0.960	2.22	0.500	0.160			
							15	0.855	0.855	2.08	0.460	0.130			
							10	0.750	0.750	1.94	0.380	0.120			
							9	0.750	0.750	1.80	0.370	0.110			
							8	0.654	0.654	1.80	0.350	0.110			
							7	0.654	0.654	1.80	0.330	0.110			
							6	0.654	0.654	1.80	0.310	0.110			
							5	0.654	0.654	1.80	0.300	0.110			
							4	0.654	0.654	1.69	0.270	0.100			
							3	0.654	0.654	1.69	0.250	0.100			
							2	0.654	0.654	1.69	0.220	0.100			
							1	0.654	0.654	1.58	0.160	0.080			
							0	0.563	0.563	1.47	0.080	0.080			
Extremwerte	Niedrigwasser (n)				Hochwasser										
		m³/s	l/(skm²)	Datum	m³/s	l/(skm²)	cm	Datum							
	1	0.080	0.221	25.01.1963	129	356	274	13.04.1994							
	2	0.080	0.221	25.10.1959	89.4	247	244	03.01.2003							
	3	0.090	0.248	22.08.1943	88.2	243	240	01.06.2013							
	4	0.110	0.304	09.07.1934	77.0	213	222	06.01.1982							
	5	0.120	0.331	10.08.1925	73.2	202		31.03.1962							
	6	0.130	0.359	10.06.1948	71.3	197		09.02.1946							
	7	0.136	0.375	14.08.2003	69.										

A<sub>E0</sub> : 122.60 km<sup>2</sup>  
 PNP : NHH+ 415.29 m  
 Lage : 36.00 km oberhalb der Mündung links



m<sup>3</sup>/s

Pegel : Katzhütte Nr. 572110  
 Gewässer : Schwarza  
 Gebiet : Obere Saale

	Tag	2016			2017											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
Tageswerte	1.	0.912	1.47	1.47	R 0.733	7.76	1.47	0.579	0.492	0.492	1.57	0.733	1.13	3.83	6.70	
	2.	0.790	1.29	1.21	0.733	8.67	1.38	0.790	0.492	0.418	1.13	0.628	1.05	2.46	5.89	
	3.	0.849	0.978	1.13	0.790	8.43	1.29	0.733	0.492	0.359	1.13	0.579	1.77	1.77	5.31	
	4.	0.733	0.912	1.13	0.912	7.98	1.21	0.679	0.579	0.335	0.978	0.534	1.29	1.67	4.74	
	5.	0.790	0.849	R 1.05	1.38	7.33	1.13	0.679	0.534	0.314	0.912	0.492	1.57	1.77	4.55	
	6.	0.790	0.849	G 1.21	1.21	7.33	1.21	0.628	0.579	0.314	0.849	0.492	1.77	1.77	4.37	
	7.	0.733	0.849	G 1.88	1.05	6.70	0.978	0.628	0.534	0.335	0.733	0.492	1.77	1.57	3.71	
	8.	0.733	0.790	R 0.733	0.978	6.70	0.912	0.628	0.453	0.314	0.628	0.453	2.59	1.47	2.72	
	9.	0.679	0.733	R 1.57	1.13	7.55	0.912	0.628	0.453	0.294	0.579	0.453	2.46	1.57	2.46	
	10.	0.679	0.733	R 1.21	1.21	7.12	0.849	0.579	0.453	0.314	0.790	0.453	2.46	1.77	2.46	
	11.	0.679	0.912	1.21	1.21	6.29	0.849	0.579	0.418	0.849	1.47	0.453	2.34	2.22	4.01	
	12.	0.679	1.05	1.13	1.05	5.89	0.790	0.534	0.387	1.13	1.57	0.453	2.22	2.59	6.91	
	13.	0.628	1.13	1.21	0.912	5.31	0.790	0.534	0.359	1.05	1.21	0.679	2.10	2.86	7.55	
	14.	0.628	1.05	1.13	0.912	4.55	0.733	0.579	0.359	0.849	1.29	2.10	1.99	3.01	7.98	
	15.	0.628	1.05	1.05	0.912	4.18	0.733	0.534	0.359	0.790	1.38	2.34	1.88	3.16	7.55	
	16.	0.849	0.978	1.05	0.912	3.83	0.733	0.534	0.359	0.733	1.38	1.88	1.77	3.01	6.70	
	17.	1.57	0.978	1.05	1.29	3.01	0.790	0.492	0.359	0.534	1.29	1.67	1.77	2.86	5.89	
	18.	2.34	0.978	R 0.978	1.38	4.01	0.849	0.492	0.359	0.453	1.29	1.57	1.38	2.86	5.31	
	19.	3.31	0.978	G 0.978	1.38	4.37	0.849	1.21	0.335	0.418	1.38	1.47	1.21	2.86	4.37	
	20.	4.01	0.978	G 0.978	1.67	4.01	0.733	0.978	0.335	0.912	1.13	1.38	1.21	2.46	3.48	
	21.	4.01	0.912	G 0.978	5.69	4.18	0.733	0.790	0.314	0.790	1.05	1.13	1.21	3.16	3.31	
	22.	3.48	0.912	G 0.912	12.1	4.37	0.849	0.733	0.314	0.733	0.790	1.21	1.29	3.83	3.83	
	23.	2.72	0.912	G 0.978	18.1	4.18	0.790	0.679	0.359	0.679	0.849	1.21	1.29	3.83	4.18	
	24.	2.46	1.05	G 0.912	14.9	3.83	0.679	0.628	0.335	0.733	0.912	1.13	1.21	4.01	5.89	
	25.	2.46	1.47	R 0.849	11.9	2.86	0.679	0.628	0.314	1.38	0.912	1.13	1.13	6.91	7.98	
	26.	2.34	1.57	R 0.790	9.17	2.59	0.628	0.579	0.314	3.01	1.77	1.13	1.13	7.76	9.17	
	27.	2.10	1.47	R 0.733	7.76	2.34	0.679	0.579	0.314	2.59	1.21	1.05	1.13	7.76	8.67	
	28.	1.67	1.47	R 0.679	8.20	2.22	0.679	0.534	0.492	3.31	1.05	1.05	1.29	8.67	7.76	
	29.	1.47	1.57	R 0.628	1.99	1.99	0.628	0.534	0.579	2.22	0.978	1.05	3.31	7.98	6.70	
	30.	1.38	1.57	R 0.628	1.88	1.88	0.628	0.534	0.579	1.67	0.912	0.978	4.37	7.33	6.29	
	31.	1.47	1.47	R 0.790	1.77	1.77	0.628	0.534	0.579	1.67	0.978	0.978	4.18	7.76	7.76	
Tag	13.+	9.+	29.+	1.+	31.	26.+	17.+	21.+	9.	9.	8.+	2.	8.	9.+		
NQ	0.628	0.733	0.628	0.733	1.77	0.628	0.492	0.314	0.294	0.579	0.453	1.05	1.47	2.46		
MQ	1.57	1.09	1.06	3.91	4.94	0.872	0.638	0.419	0.989	1.10	1.01	1.85	3.63	5.60		
HQ	4.93	1.88	5.11	18.4	9.43	2.46	2.22	0.849	5.50	3.31	3.83	5.89	9.97	9.97		
Tag	19.	25.	7.	23.	2.	6.	19.	28.	26.	26.	14.	29.	28.	26.		
h <sub>N</sub> mm	33	24	23	77	108	18	14	9	22	24	21	40	77	122		
h <sub>A</sub> mm																
	1945/2016			1946/2017 72 Kalenderjahre												
Jahr	1991	1962	1963	1963	1963	2014	1999	2000	1976	1991	1982	1982	1991	1962		
NQ	0.220	0.360	0.330	0.290	0.380	0.453	0.330	0.260	0.230	0.150	0.130	0.160	0.220	0.360		
MNQ	1.06	1.46	1.51	1.47	1.60	1.86	1.01	0.724	0.675	0.581	0.589	0.735	1.04	1.44		
MQ	2.46	3.93	4.10	3.51	4.11	4.17	1.91	1.52	1.32	0.987	1.17	1.58	2.45	3.94		
MHQ	7.36	13.5	14.2	10.3	13.3	11.5	5.07	5.11	5.51	3.36	4.31	5.00	7.39	13.5		
HQ	36.6	59.6	52.8	46.8	57.8	68.9	32.7	33.7	23.3	20.2	34.2	24.4	36.6	59.6		
Jahr	1998	1986	1987	1946	1981	1994	2013	2013	1958	1981	1998	1986	1998	1986		
Mh <sub>N</sub> mm	52	86	90	70	90	88	42	32	29	22	25	34	52	86		
Mh <sub>A</sub> mm																
Hauptwerte	Abflussjahr (*)		2017		Kalenderjahr		2017		Unter-		Unterschrittene Abflüsse m <sup>3</sup> /s					
	Jahr	Datum	Winter	Sommer	Jahr	Datum	schr. -	Abfluss-	Kalender-	1946/2017 72 Kalenderjahre						
							dauer	jahr (*)	jahr	Obere						
							in Tagen	2017	2017	Hüllkurve						
										Mittlere						
										Werte						
										Untere						
										Hüllkurve						
	NQ	m <sup>3</sup> /s	0.294	am 09.07.2017	0.628	0.294	0.294	am 09.07.2017	18.1	18.1	53.9	23.1	6.21	6.21		
	MQ	m <sup>3</sup> /s	1.61		2.23	1.00	2.16		14.9	14.9	49.0	18.6	6.21	6.21		
	HQ	m <sup>3</sup> /s	18.4	am 23.02.2017	18.4	5.89	18.4	am 23.02.2017	12.1	12.1	48.8	16.6	5.97	5.97		
				bei W = 190 cm					11.9	11.9	39.4	14.7	5.97	5.97		
	Nq	l/(skm <sup>2</sup> )	2.40		5.12	2.40	2.40		9.17	9.17	39.4	13.4	5.78	5.78		
	Mq	l/(skm <sup>2</sup> )	13.1		18.2	8.19	17.6		8.67	9.17	36.7	12.7	5.55	5.55		
	Hq	l/(skm <sup>2</sup> )	150		150	48.0	150		8.43	8.67	34.0	12.0	4.87	4.87		
	h <sub>N</sub>	mm							8.20	8.67	32.4	11.3	4.64	4.64		
	h <sub>A</sub>	mm	414		284	130	556		7.98	8.67	31.8	10.9	4.42	4.42		
									7.12	7.98	14.1	8.90	3.78	3.78		
									4.37	7.33	10.6	7.04	3.36	3.36		
									3.83	6.70	10.0	5.92	3.15	3.15		
								2.59	5.31	9.05	5.11	2.65	2.65			
								1.88	3.83	7.47	3.96	2.07	2.07			
								1.47	2.46	5.87	2.91	1.49	1.49			
								1.21	1.67	4.29	2.25	1.05	1.05			
								1.13	1.29	3.15	1.78	0.810	0.810			
								0.978	1.13	2.65	1.47	0.720	0.720			
								0.849	0.978	2.24	1.20	0.534	0.534			
								0.790	0.912	1.97	1.05	0.430	0.430			
								0.790	0.849	1.85	0.978	0.370	0.370			
								0.733	0.790	1.85	0.930	0.340	0.340			
								0.733	0.733	1.85	0.860	0.340	0.340			
								0.679	0.679	1.70	0.790	0.300	0.300			
								0.628	0.628	1.64	0.720	0.300	0.300			
								0.628	0.628	1.54	0.679	0.300	0.300			
								0.579	0.579	1.43	0.620	0.250	0.250			
								0.534	0.534	1.35	0.579	0.250	0.250			
								0.492	0.492	1.27	0.530	0.220	0.220			
								0.453	0.453	1.19	0.480	0.190	0.190			
								0.418	0.418	1.18	0.440	0.170	0.170			
								0.359	0.359	1.11	0.420	0.170	0.170			
								0.359	0.359	1.11	0.370	0.160	0.160			
								0.335	0.335	1.11	0.335	0.150	0.150			
								0.335	0.335	1.11	0.330	0.150	0.150			
								0.314	0.314	1.11	0.320	0.150	0.150			
								0.314	0.314	1.11	0.300	0.150	0.150			
								0.314	0.314	1.11	0.300	0.150	0.150			
								0.314	0.314	1.11	0.290	0.150	0.150			
								0.314	0.314	1.05	0.270	0.130	0.130			
								0.314	0.314	1.03	0.250	0.130	0.130			
								0.314	0.314	1.03	0.220	0.130	0.130			
								0.314	0.314	1.03	0.190	0.130	0.130			
								0.294	0.294	0.960	0.130	0.130	0.130			

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Beeinflussung durch TS-Steuerung  
 8 Tage Grundeis, 15 Tage Randeis

A<sub>Eo</sub> : 340.80 km<sup>2</sup>  
 PNP : NHN+ 271.24 m  
 Lage : 13.00 km oberhalb der Mündung rechts



Pegel : Schwarzburg Nr. 572115  
 Gewässer : Schwarzza  
 Gebiet : Obere Saale

Tag	2016			2017												
	Nov	Dez		Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	1.50	2.88		R 2.20	R 1.30	11.1	3.35	1.30	1.76	1.08	4.07	2.20	1.50	4.55	9.34	
2.	1.50	2.88		R 2.20	R 1.19	12.5	3.11	1.98	1.50	0.860	3.11	1.76	1.50	4.07	8.02	
3.	1.30	2.42		R 1.98	1.30	12.0	2.88	1.98	1.50	0.750	3.11	1.50	3.11	3.11	7.16	
4.	1.30	2.20		R 1.98	1.50	11.6	2.88	1.50	1.98	0.650	2.65	1.30	2.42	2.88	6.48	
5.	1.50	1.50		R 1.76	R 2.20	10.7	2.65	1.50	1.76	0.650	2.42	1.19	2.42	3.11	6.22	
6.	1.50	1.50		R 1.50	R 2.42	10.7	2.65	1.50	1.76	0.650	2.20	1.08	2.65	3.35	5.98	
7.	1.30	1.50		R 2.20	2.20	10.7	2.42	1.30	1.76	0.650	1.76	1.08	2.65	2.88	5.50	
8.	1.30	1.50		R 2.20	2.20	10.2	2.20	1.30	1.50	0.650	1.30	0.970	3.35	2.65	5.26	
9.	1.50	1.30		R 1.76	1.98	11.1	1.98	1.30	1.19	0.450	1.30	0.970	3.59	3.11	4.79	
10.	1.30	1.30		R 1.76	2.20	10.7	1.98	1.30	1.30	1.50	1.98	0.970	3.35	2.88	4.79	
11.	1.30	1.76		R 1.76	1.98	9.79	1.76	1.19	1.08	1.50	4.55	0.970	3.35	3.83	6.22	
12.	1.30	2.20		R 1.76	1.98	9.34	1.76	1.19	1.08	1.76	4.79	0.970	3.11	4.07	10.2	
13.	1.19	1.98		R 1.76	1.50	8.46	1.76	1.76	0.970	2.42	3.83	1.08	3.11	4.31	11.1	
14.	1.19	1.76		R 1.76	1.50	7.16	1.50	1.98	0.970	1.50	3.59	3.59	2.88	4.55	12.0	
15.	1.19	1.98		R 1.76	1.50	6.22	1.50	1.76	0.970	1.76	3.59	3.59	2.88	4.55	11.1	
16.	1.50	1.50		R 1.76	1.50	5.98	1.50	1.30	1.08	1.30	4.07	3.11	2.65	4.55	10.2	
17.	2.42	1.50		R 1.76	2.42	5.26	1.50	1.30	0.970	1.30	3.59	2.88	2.65	4.55	8.90	
18.	3.59	1.50		R 1.76	2.88	6.22	1.98	1.19	0.860	1.08	3.35	2.65	2.42	4.31	7.58	
19.	4.55	1.76		R 2.20	2.65	7.16	2.20	4.55	0.750	0.970	3.59	2.20	2.20	4.31	6.48	
20.	5.50	1.76		G 2.20	3.11	6.48	1.98	5.50	0.750	1.98	3.11	2.20	1.98	4.31	5.98	
21.	5.50	1.76		G 1.76	6.22	6.48	1.76	4.79	0.650	1.76	2.65	1.76	1.98	4.79	5.98	
22.	5.03	1.76		G 1.76	12.5	7.16	1.76	4.07	0.650	1.50	2.20	1.76	2.42	5.03	6.48	
23.	4.79	1.76		G 1.76	22.4	6.79	1.76	3.59	1.08	1.30	1.98	1.76	2.42	5.03	7.16	
24.	4.31	1.76		G 1.98	19.1	6.48	1.50	3.35	0.860	1.19	1.98	1.76	2.42	5.03	9.79	
25.	4.07	2.20		G 1.50	15.2	5.50	1.30	3.11	0.650	2.65	1.98	1.76	2.20	8.46	12.5	
26.	4.07	2.65		G 1.50	12.5	5.03	1.30	2.65	0.650	4.79	4.79	1.76	2.20	9.34	13.4	
27.	3.83	2.42		G 1.50	10.7	4.79	1.30	2.42	0.650	4.79	3.35	1.50	2.42	9.79	12.9	
28.	3.35	2.42		G 1.50	11.1	4.55	1.50	2.20	0.860	5.74	2.88	1.50	2.20	11.6	11.6	
29.	2.88	2.42		G 1.50	11.1	4.55	1.50	2.20	1.50	4.79	2.65	1.30	4.07	11.1	9.79	
30.	2.65	2.42		R 1.50	4.07	4.07	1.30	2.20	1.50	4.79	2.65	1.30	4.79	10.2	8.90	
31.	2.42	2.42		R 1.76	3.83	3.83	1.30	1.98	1.30	4.07	2.65	1.30	4.79	10.2	8.90	
Tag	13+	9+		6+	2.	31.	25+	11+	21+	9.	8+	8+	1+	8.	9+	
NQ	1.19	1.30		1.50	1.19	3.83	1.30	1.19	0.650	0.450	1.30	0.970	1.50	2.65	4.79	
MQ	2.61	1.96		1.81	5.33	7.83	1.94	2.23	1.14	1.95	2.95	1.75	2.76	5.21	8.45	
HQ	12.5	3.59		2.42	23.8	13.4	4.07	11.1	2.88	8.90	8.46	6.22	6.22	12.5	14.7	
Tag	21.	1.		1.	23.	2.	20.	19.	29.	26.	11.	14.	29.	28.	26.	
h <sub>N</sub> mm	20	15		14	38	62	15	17	9	15	23	13	22	40	66	
h <sub>A</sub> mm																
	1983/2016			1984/2017 34 Kalenderjahre												
Jahr	1991	1997		1997	1997	1996	2014	1999+	2003	2000+	2003	1999	1991	1991	1997	
NQ	0.440	0.640		0.640	0.640	0.700	0.860	0.640	0.310	0.370	0.260	0.240	0.350	0.440	0.640	
MNQ	1.64	2.26		2.78	2.88	3.33	2.92	1.63	1.18	0.901	0.846	0.812	1.07	1.68	2.33	
MQ	4.16	6.90		8.19	6.59	8.01	6.79	3.18	2.19	1.89	1.48	1.92	2.29	4.24	7.04	
MHQ	13.6	22.6		28.0	19.5	25.9	23.1	9.75	9.76	9.02	4.87	7.69	7.46	13.5	22.9	
HQ	70.0	65.5		90.3	79.0	77.5	218.	68.5	73.8	25.2	18.9	55.0	43.8	70.0	65.5	
Jahr	1998	1986		2003	1997	1999	1994	2013	2013	2011	1987	1998	1998	1998	1986	
Mh <sub>N</sub> mm	32	54		64	47	63	52	25	21	15	12	15	18	32	55	
Mh <sub>A</sub> mm																
	Abflussjahr (*) 2017				Kalenderjahr 2017				Unterschrittene Abflüsse m³/s							
	Jahr	Datum	Winter	Sommer	Jahr	Datum	1984/2017 34 Kalenderjahre									
							Obere	Mittlere	Untere							
							Hüllkurve	Werte	Hüllkurve							
NQ	m³/s	0.450 am 09.07.2017	1.19	0.450	0.450 am 09.07.2017	364	22.4	22.4	160	48.3	12.5					
MQ	m³/s	2.84	3.56	2.14	3.61	363	19.1	19.1	89.5	39.3	12.0					
HQ	m³/s	23.8 am 23.02.2017 bei W = 93.0 cm	23.8	11.1	23.8 am 23.02.2017 bei W = 93.0 cm	362	15.2	15.2	64.0	34.0	12.0					
Nq	l/(skm²)	1.32	3.49	1.32	1.32	361	12.5	13.4	63.3	31.0	12.0					
Mq	l/(skm²)	8.35	10.5	6.27	10.6	360	12.5	12.9	55.0	28.0	10.7					
Hq	l/(skm²)	69.8	69.8	32.6	69.8	359	12.5	12.5	46.3	25.3	10.7					
h <sub>N</sub>	mm					358	12.0	12.5	43.1	23.2	9.90					
h <sub>A</sub>	mm	263	164	100	334	357	11.6	12.5	40.0	21.9	9.90					
						356	11.1	12.5	39.3	20.6	9.90					
						350	10.7	11.1	30.3	16.4	8.90					
						340	6.48	10.7	20.9	12.9	6.48					
						330	5.50	9.34	17.8	10.7	5.50					
						320	4.79	7.16	16.1	8.82	4.29					
						300	3.83	5.74	13.0	6.70	3.37					
						270	2.88	4.55	8.38	4.86	2.51					
						240	2.42	3.35	6.48	3.83	1.96					
						210	2.20	2.65	5.50	3.11	1.19					
NQ	m³/s	0.240 am 16.09.1999	0.440	0.240	0.240 am 16.09.1999	183	1.98	2.20	5.03	2.49	0.970					
MNQ	m³/s	0.593	1.17	0.596	0.593	150	1.76	1.98	4.07	1.98	0.750					
MQ	m³/s	4.51	6.79	2.26	4.53	130	1.76	1.76	3.44	1.76	0.750					
MHQ	m³/s	54.3	52.0	17.6	54.5	120	1.50	1.76	3.21	1.54	0.650					
HQ	m³/s	218 am 13.04.1994 bei W = 267 cm	218	73.8	218 am 13.04.1994 bei W = 267 cm	110	1.50	1.76	2.88	1.42	0.650					
HQ <sub>1</sub>	m³/s					100	1.50	1.50	2.88	1.30	0.650					
HQ <sub>5</sub>	m³/s					90	1.50	1.50	2.65	1.19	0.640					
						80	1.50	1.50	2.42	1.11	0.550					
						70	1.30	1.50	2.32	1.04	0.550					
MNq	l/(skm²)	1.74	3.44	1.75	1.74	60	1.30	1.30	2.32	0.970	0.450					
Mq	l/(skm²)	13.2	19.9	6.62	13.3	50	1.30	1.30	2.20	0.860	0.450					
MHq	l/(skm²)	159	152	51.6	160	40	1.19	1.19	1.98	0.780	0.450					
Mh <sub>N</sub>	mm					30	1.08	1.08	1.92	0.700	0.370					
Mh <sub>A</sub>	mm	417	312	105	419	25	0.970	0.970	1.92	0.650	0.370					
						20	0.970	0.970	1.92	0.650	0.310					
						15	0.860	0.860	1.92	0.580	0.310					
						10	0.650	0.650	1.82	0.550	0.310					
						9	0.650	0.650	1.82	0.550	0.310					
						8	0.650	0.650	1.82	0.520	0.310					
						7	0.650	0.650	1.82	0.510	0.310					
						6	0.650	0.650	1.82	0.470	0.280					
						5	0.650	0.650	1.82	0.450	0.280					
						4	0.650	0.650	1.76	0.450	0.280					
						3	0.650	0.650	1.76	0.420	0.240					
						2	0.650	0.650	1.76	0.380	0.240					
						1	0.650	0.650	1.76	0.350	0.240					
						0	0.450	0.450	1.76	0.240	0.240					

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Beeinflusst durch TS-Steuerung  
 12 Tage Grundeis, 28 Tage Randeis



A<sub>Eo</sub> : 255.30 km<sup>2</sup>  
 PNP :NHN+ 170.61 m  
 Lage : 1.80 km oberhalb der Mündung rechts



Pegel : Freienorla Nr. 572400  
 Gewässer: Orla  
 Gebiet : Obere Saale

Tag	2016		2017												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	K 1.37	K 0.890	0.890	K 0.680	K 1.37	K 1.64	K 1.50	K 0.780	K 0.530	K 1.13	K 0.890	K 1.13	K 0.870	K 1.59	
2.	K 1.37	K 1.13	0.890	K 0.680	K 1.25	K 1.79	K 1.94	K 0.680	K 0.600	K 0.600	K 0.680	K 0.890	K 0.764	K 1.32	
3.	K 1.37	K 1.01	0.890	K 1.25	K 1.25	K 1.64	K 1.64	K 0.530	K 0.530	K 0.530	K 0.680	K 1.79	K 0.764	K 1.32	
4.	K 1.25	K 0.890	1.01	K 2.54	K 1.25	K 1.79	K 1.50	K 0.470	K 0.530	K 0.530	K 0.680	K 1.25	K 0.673	K 1.32	
5.	K 1.50	K 0.780	1.01	K 2.54	K 1.25	K 1.79	K 1.37	K 1.13	K 0.470	K 0.530	K 0.600	K 1.01	K 0.870	K 1.73	
6.	K 2.09	K 0.780	R 0.890	K 2.54	K 1.25	K 1.64	K 1.37	K 1.01	K 0.470	K 0.530	K 0.600	K 0.890	K 1.45	K 2.02	
7.	K 1.64	K 0.780	R 0.890	K 2.09	K 1.37	K 1.50	K 1.25	K 1.01	K 0.470	K 0.530	K 0.600	K 0.780	K 1.08	K 1.87	
8.	K 1.64	K 0.680	R 0.780	K 1.79	K 1.37	K 1.50	K 1.13	K 0.890	K 0.470	K 0.530	K 0.600	K 1.01	K 0.976	K 1.59	
9.	K 1.64	K 0.780	0.780	K 1.50	K 1.79	K 1.37	K 1.13	K 0.680	K 0.470	K 0.530	K 0.680	K 1.01	K 1.32	K 1.45	
10.	K 1.50	K 0.780	0.780	K 1.37	K 1.64	K 1.25	K 1.13	K 0.780	K 0.600	K 1.37	K 0.680	K 0.890	K 1.20	K 1.32	
11.	K 1.64	K 0.780	0.680	K 1.37	K 1.50	K 1.25	K 1.13	K 0.680	K 0.780	K 2.54	K 0.680	K 0.780	K 1.20	K 1.32	
12.	K 1.50	K 0.780	0.780	K 1.37	K 1.50	K 1.25	K 1.13	K 0.600	K 0.890	K 1.94	K 0.680	K 0.780	K 1.32	K 1.32	
13.	K 1.37	K 0.890	0.890	K 1.25	K 1.37	K 1.37	K 1.25	K 0.600	K 0.680	K 1.64	K 0.680	K 0.780	K 1.73	K 1.20	
14.	K 1.25	K 0.780	0.890	K 1.13	K 1.25	K 1.37	K 1.01	K 0.600	K 0.530	K 1.25	K 1.01	K 0.780	K 1.59	K 1.32	
15.	K 1.25	K 0.780	0.890	K 1.13	K 1.25	K 1.37	K 1.01	K 0.600	K 0.600	K 1.13	K 0.890	K 0.680	K 1.59	K 1.45	
16.	K 1.37	K 0.780	0.780	K 1.01	K 1.13	K 1.37	K 1.01	K 0.780	K 0.470	K 1.13	K 0.780	K 0.680	K 1.32	K 1.45	
17.	K 1.50	K 0.780	0.780	K 1.37	K 1.13	K 1.79	K 0.890	K 0.600	K 0.530	K 0.890	K 0.780	K 0.600	K 1.20	K 1.32	
18.	K 1.50	K 0.780	0.680	K 1.37	K 1.64	K 1.79	K 0.780	K 0.600	K 0.600	K 0.890	K 0.780	K 0.680	K 1.20	K 1.32	
19.	K 1.50	K 0.780	0.680	K 1.37	K 2.24	K 2.09	K 1.25	K 0.530	K 0.470	K 1.01	K 0.680	K 0.680	K 1.20	K 1.32	
20.	K 1.50	K 0.780	R 0.680	K 1.50	K 1.79	K 1.79	K 2.99	K 0.530	K 1.50	K 0.780	K 0.680	K 0.780	K 1.08	K 1.32	
21.	K 1.50	K 0.780	R 0.680	K 1.94	K 1.79	K 1.37	K 1.37	K 0.530	K 0.680	K 0.780	K 0.680	K 0.890	K 1.20	K 1.45	
22.	K 1.50	K 0.680	R 0.600	K 1.94	K 2.09	K 1.50	K 1.25	K 0.780	K 0.530	K 0.780	K 0.680	K 0.890	K 1.20	K 1.87	
23.	K 1.25	K 0.780	R 0.600	K 2.24	K 2.09	K 1.64	K 1.01	K 0.470	K 0.680	K 0.680	K 0.680	K 1.01	K 1.20	K 1.73	
24.	K 1.25	K 0.780	R 0.600	K 2.09	K 2.09	K 1.50	K 0.890	K 0.600	K 1.01	K 0.680	K 0.680	K 0.890	K 1.08	K 1.73	
25.	K 1.25	K 0.780	0.600	K 1.79	K 2.09	K 1.37	K 0.780	K 0.530	K 1.37	K 0.780	K 0.680	K 0.780	K 4.03	K 1.73	
26.	K 1.25	K 0.780	0.600	K 1.64	K 1.94	K 1.37	K 0.780	K 0.530	K 1.84	K 2.99	K 0.780	K 0.680	K 4.51	K 1.59	
27.	K 1.25	K 0.780	0.600	K 1.50	K 1.79	K 1.37	K 0.680	K 0.530	K 1.50	K 1.50	K 0.780	K 0.890	K 3.26	K 1.73	
28.	K 1.13	K 0.780	0.530	K 1.64	K 1.64	K 1.37	K 0.680	K 0.530	K 1.50	K 1.13	K 0.780	K 0.890	K 2.64	K 1.59	
29.	K 1.01	K 0.780	0.530	K 1.64	K 1.37	K 1.37	K 0.680	K 1.25	K 1.01	K 1.01	K 0.780	K 1.37	K 2.18	K 1.59	
30.	K 1.01	K 0.780	0.600	K 1.50	K 1.50	K 1.50	K 0.780	K 1.01	K 0.780	K 0.890	K 0.780	K 1.25	K 1.87	K 1.32	
31.	K 1.01	K 0.780	0.780	K 1.50	K 1.50	K 1.50	K 0.680	K 1.01	K 0.680	K 1.01	K 0.780	K 1.01	K 1.87	K 1.32	
Tag	29+	8+	28+	1+	16+	10+	27+	19+	4+	3+	5+	17.	4.	13.	
NQ	1.01	0.680	0.530	0.680	1.13	1.25	0.680	0.530	0.470	0.530	0.600	0.600	0.673	1.20	
MQ	1.41	0.803	0.747	1.59	1.57	1.52	1.16	0.768	0.752	1.04	0.721	0.917	1.55	1.50	
HQ	2.69	1.25	1.37	2.69	2.99	2.54	7.28	4.64	2.99	7.08	1.13	3.14	6.58	2.95	
Tag	5.	2.	4.	4.	18.	18.	19.	22.	24.	26.	16.	3.	25.	23.	
h <sub>N</sub> mm	14	8	8	15	16	15	12	8	8	11	7	10	16	16	
h <sub>A</sub> mm	1927/2016		1928/2017						90 Kalenderjahre <sup>2</sup>						
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	0.758	0.770	0.848	0.920	0.956	0.945	0.816	0.728	0.727	0.737	0.808	0.808	0.759	0.778	
MQ	1.20	1.27	1.45	1.51	1.76	1.59	1.43	1.41	1.20	1.13	1.17	1.23	1.2	1.28	
MHQ	3.24	3.51	3.79	3.86	4.76	4.71	5.21	5.66	5.32	4.41	3.90	3.30	3.29	3.49	
Jahr	1941	1974	2011	1941	1942	1980	1941	1961	1932	1977	2007	1974	1941	1974	
Mh <sub>N</sub> mm	12	13	15	14	18	16	15	14	13	12	12	13	12	13	
Mh <sub>A</sub> mm	12	13	15	14	18	16	15	14	13	12	12	13	12	13	
Hauptwerte	Abflussjahr (*)		2017		Kalenderjahr		2017		Unter-		Unterschrittene Abflüsse m³/s				
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Jahr	Datum	Abfluss-	Kalender-	1928/2017 90 Kalenderjahre <sup>2</sup>				
NQ	m³/s	0.470 am 04.07.2017	0.530	0.470	0.470	am 04.07.2017	364	2.99	4.51	23.9	9.88	1.48	1.48		
MQ	m³/s	1.08	1.27	0.895	1.15	363	2.99	4.03	20.7	7.88	1.45	1.45			
HQ	m³/s	7.28 am 19.05.2017 bei W = 54.0 cm	2.99	7.28	7.28	am 19.05.2017 bei W = 54.0 cm	362	2.54	3.26	19.5	6.75	1.43	1.43		
Nq	l/(skm²)	1.84	2.08	1.84	1.84	361	2.54	2.99	17.5	6.15	1.43	1.43			
Mq	l/(skm²)	4.23	4.96	3.50	4.51	360	2.54	2.99	14.3	5.62	1.43	1.43			
Hq	l/(skm²)	28.5	11.7	28.5	28.5	359	2.54	2.64	13.2	5.35	1.42	1.42			
h <sub>N</sub> mm		133	78	56	142	358	2.24	2.54	11.8	5.11	1.31	1.31			
h <sub>A</sub> mm		133	78	56	142	357	2.24	2.54	10.1	4.87	1.31	1.31			
		1928/2017 (*) 90 Jahre <sup>2</sup>		1928/2017		356	2.09	2.54	9.85	4.69	1.20	1.20			
NQ	m³/s	0.060 am 20.03.1930	0.060	0.110	0.060	am 20.03.1930	355	2.09	2.09	8.20	3.75	0.990	0.990		
MNQ	m³/s	0.409	0.538	0.482	0.418	354	1.79	1.94	6.63	3.08	0.820	0.820			
MQ	m³/s	1.36	1.46	1.26	1.36	330	1.64	1.79	5.95	2.64	0.750	0.750			
MHQ	m³/s	12.0	7.95	9.73	11.9	320	1.64	1.73	5.37	2.33	0.720	0.720			
HQ	m³/s	45.0 am 15.07.1932	38.4	45.0	45.0	300	1.50	1.59	5.10	1.91	0.620	0.620			
HQ <sub>1</sub> m³/s						270	1.37	1.37	4.71	1.54	0.540	0.540			
HQ <sub>5</sub> m³/s						240	1.25	1.32	3.74	1.31	0.510	0.510			
MNq	l/(skm²)	1.60	2.11	1.89	1.64	210	1.13	1.25	3.41	1.13	0.480	0.480			
Mq	l/(skm²)	5.33	5.73	4.94	5.34	183	0.890	1.08	2.54	0.990	0.460	0.460			
MHq	l/(skm²)	46.8	31.2	38.1	46.4	150	0.780	0.890	2.33	0.860	0.400	0.400			
Mh <sub>N</sub> mm		168	90	79	168	130	0.780	0.780	2.23	0.780	0.310	0.310			
Mh <sub>A</sub> mm		168	90	79	168	120	0.780	0.780	2.23	0.750	0.290	0.290			
		Niedrigwasser (n)		Hochwasser		110	0.780	0.780	2.12	0.700	0.290	0.290			
1	m³/s	0.060	0.235	20.03.1930	45.0	176	0.680	0.680	2.02	0.680	0.250	0.250			
2	l/(skm²)	0.392	11.03.1944	38.4	150	18.03.1942	80	0.680	0.680	2.02	0.670	0.230			
3	Datum	0.392	24.03.1943	26.7	105	10.06.1961	70	0.680	0.680	1.82	0.600	0.210			
4	m³/s	0.470	25.05.1990	26.5	104	21.05.1941	60	0.680	0.680	1.72	0.570	0.180			
5	m³/s	0.588	16.02.1936	25.6	100	13.04.1980	50	0.600	0.600	1.63	0.530	0.160			
6	m³/s	0.666	26.11.1967	24.8	97.1	108	0.600	0.600	1.54	0.510	0.160	0.160			
7	m³/s	0.666	15.11.1959	24.7	96.7	139	0.600	0.600	1.39	0.470	0.140	0.140			
8	m³/s	0.705	28.08.1992	23.3	91.3	2	0.530	0.530	1.39	0.430	0.140	0.140			
9	m³/s	0.705	11.01.1986	23.1	90.5	1	0.530	0.530	1.24	0.400	0.140	0.140			
10	m³/s	0.705	13.05.1944	22.9	89.7	130	0.530	0.530	1.05	0.350	0.120	0.120			
		15.07.1932		15.07.1932		10	0.530	0.530	1.05	0.340	0.120	0.120			
		18.03.1942		18.03.1942		9	0.470	0.470	1.04	0.340	0.120	0.120			
		10.06.1961		10.06.											

A<sub>Eo</sub> : 254.50 km<sup>2</sup>  
 PNP : NHH+ 159.68 m  
 Lage : 5.00 km oberhalb der Mündung rechts



m<sup>3</sup>/s

Pegel : Zöllnitz Nr. 572600  
 Gewässer: Roda  
 Gebiet : Obere Saale

Tag	2016		2017															
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez				
1.	0.664	0.623	0.623	0.752	0.848	0.848	0.623	0.512	K 0.512	K 0.707	K 0.478	K 0.707	K 0.664	K 0.707				
2.	0.664	0.707	0.707	0.752	0.799	0.898	0.752	0.478	K 0.512	K 0.548	K 0.478	K 0.585	K 0.664	K 0.707				
3.	0.707	0.664	0.623	0.898	0.707	0.752	0.664	0.799	K 0.444	K 0.512	K 0.478	K 1.01	K 0.585	K 0.664				
4.	0.664	0.623	0.707	1.06	0.707	0.799	0.664	1.12	K 0.444	K 0.478	K 0.444	K 0.664	K 0.585	K 0.848				
5.	0.799	0.623	0.707	0.951	0.707	0.799	0.664	0.664	K 0.444	K 0.478	K 0.444	K 0.848	K 0.664	K 1.06				
6.	0.951	R 0.664	R 0.585	0.951	0.799	0.752	0.664	0.664	K 0.410	K 0.512	K 0.444	K 0.707	K 0.951	K 1.01				
7.	0.848	R 0.664	R 0.585	0.848	1.01	0.664	0.664	0.707	K 0.410	K 0.444	K 0.478	K 0.623	K 0.664	K 0.848				
8.	0.898	R 0.623	R 0.585	0.752	0.898	0.664	0.623	0.585	K 0.410	K 0.444	K 0.444	K 0.848	K 0.623	K 0.848				
9.	0.848	R 0.623	R 0.623	0.707	1.19	0.664	0.623	0.512	K 0.377	K 0.444	K 0.444	K 0.752	K 0.707	K 0.799				
10.	0.848	R 0.623	R 0.664	0.664	1.01	0.664	0.623	0.548	K 0.623	K 0.799	K 0.512	K 0.752	K 0.623	K 0.752				
11.	0.752	0.623	R 0.623	0.664	0.848	0.664	0.623	0.512	K 0.623	K 1.25	K 0.512	K 0.664	K 0.707	K 0.799				
12.	0.707	0.664	0.752	0.664	0.799	0.664	0.707	0.478	K 0.548	K 0.752	K 0.548	K 0.664	K 0.752	K 0.799				
13.	0.707	0.664	0.799	0.664	0.752	0.707	0.707	0.478	K 0.512	K 0.664	K 0.548	K 0.585	K 0.951	K 0.752				
14.	0.623	0.623	0.752	0.623	0.752	0.707	0.752	0.478	K 0.444	K 0.585	K 0.548	K 0.585	K 0.752	K 0.799				
15.	0.664	0.623	0.707	0.623	0.707	0.664	0.623	0.478	K 0.512	K 0.512	K 0.585	K 0.585	K 0.664	K 0.799				
16.	0.848	0.623	0.664	0.623	0.752	0.664	0.585	K 0.512	K 0.444	K 0.707	K 0.512	K 0.512	K 0.623	K 0.799				
17.	0.848	0.585	0.664	0.799	0.707	0.752	0.585	K 0.478	K 0.444	K 0.548	K 0.548	K 0.548	K 0.585	K 0.752				
18.	0.848	0.623	0.623	0.848	0.951	0.799	0.585	K 0.478	K 0.444	K 0.548	K 0.512	K 0.548	K 0.585	K 0.752				
19.	0.799	0.623	R 0.585	0.848	1.06	0.898	1.19	K 0.478	K 0.444	K 0.585	K 0.548	K 0.585	K 0.585	K 0.707				
20.	0.752	0.623	R 0.585	0.848	0.898	0.752	1.69	K 0.478	K 0.848	K 0.512	K 0.548	K 0.585	K 0.664	K 0.848				
21.	0.707	0.585	R 0.585	1.25	0.848	0.707	0.752	K 0.478	K 0.623	K 0.478	K 0.548	K 0.623	K 0.848	K 0.951				
22.	0.707	0.585	R 0.585	1.06	1.01	0.752	0.623	K 0.548	K 0.478	K 0.478	K 0.512	K 0.664	K 0.799	K 1.06				
23.	0.664	0.623	R 0.585	1.62	0.898	0.707	0.623	K 0.848	K 0.478	K 0.478	K 0.512	K 0.707	K 0.752	K 0.898				
24.	0.664	0.623	R 0.585	1.19	0.848	0.664	0.623	K 0.512	K 0.664	K 0.444	K 0.548	K 0.664	K 0.707	K 0.848				
25.	0.664	0.623	R 0.548	0.951	0.799	0.664	0.548	K 0.478	K 0.848	K 0.478	K 0.585	K 0.707	K 2.17	K 0.799				
26.	0.623	0.623	R 0.548	0.848	0.752	0.664	0.548	K 0.444	K 1.01	K 0.951	K 0.548	K 0.623	K 1.69	K 0.799				
27.	0.664	0.623	R 0.548	0.799	0.799	0.664	0.512	K 0.444	K 0.848	K 0.707	K 0.548	K 0.707	K 1.01	K 0.752				
28.	0.623	0.623	R 0.548	0.848	0.752	0.664	0.512	K 0.444	K 0.848	K 0.512	K 0.512	K 0.664	K 0.898	K 0.848				
29.	0.623	0.623	R 0.548	0.799	0.707	0.664	0.512	K 0.707	K 0.585	K 0.512	K 0.512	K 0.951	K 0.799	K 0.799				
30.	0.623	0.585	R 0.623	0.707	0.707	0.623	0.585	K 0.707	K 0.512	K 0.512	K 0.548	K 0.799	K 0.707	K 0.752				
31.	0.623	0.585	R 0.898	0.707	0.707	0.623	0.548	K 0.478	K 0.512	K 0.512	K 0.664	K 0.664	K 0.799	K 0.799				
Tag	14.+	17.+	25.+	14.+	3.+	30.	27.+	26.+	9.	7.+	4.+	16.	3.+	3.				
NQ	0.623	0.585	0.548	0.623	0.707	0.623	0.512	0.444	0.377	0.444	0.444	0.512	0.585	0.664				
MQ	0.733	0.626	0.638	0.861	0.830	0.718	0.677	0.568	0.556	0.584	0.514	0.682	0.799	0.818				
HQ	1.39	1.12	1.12	2.17	1.39	1.62	7.73	4.40	2.09	2.17	0.848	1.69	4.71	1.46				
Tag	5.	2.	23.	23.	9.	1.	19.	3.	26.	11.	18.	3.	25.	21.				
h <sub>N</sub> mm	7	7	7	8	9	7	7	6	6	6	5	7	8	9				
h <sub>A</sub> mm	1947/2016			1948/2017 70 Kalenderjahre														
Jahr	1991	1991	2006	1993+	1993	1971	1993	1992+	1992	1964	1964	1964	1991	1991				
NQ	0.330	0.360	0.450	0.480	0.510	0.260	0.300	0.330	0.360	0.250	0.220	0.250	0.330	0.360				
MNQ	0.824	0.846	0.889	0.910	0.918	0.940	0.909	0.801	0.758	0.723	0.755	0.781	0.820	0.843				
MQ	1.05	1.14	1.27	1.24	1.37	1.33	1.27	1.24	1.07	0.989	0.951	1.00	1.04	1.13				
MHQ	2.18	2.54	3.08	2.82	3.33	4.27	4.83	5.56	3.70	3.36	3.06	2.53	2.23	2.49				
HQ	14.2	10.4	24.2	17.0	14.6	34.7	69.5	48.8	38.0	26.2	66.8	17.5	14.2	10.4				
Jahr	2002	1981	1969	1970	1979	1965	2013	1961	1958	1981	2007	1966	2002	1981				
Mh <sub>N</sub> mm	11	12	13	12	14	14	13	13	11	10	10	11	11	12				
Mh <sub>A</sub> mm																		
Hauptwerte	Abflussjahr (*)		2017				Kalenderjahr		1948/2017									
	Jahr		Datum		Winter	Sommer	Jahr		Datum		1948/2017 70 Kalenderjahre							
	NQ	m <sup>3</sup> /s	0.377	am 09.07.2017	0.548	0.377	0.377		am 09.07.2017		Dauertabelle							
	MQ	m <sup>3</sup> /s	0.664		0.732	0.597	0.686											
	HQ	m <sup>3</sup> /s	7.73	am 19.05.2017 bei W = 104 cm	2.17	7.73	7.73		am 19.05.2017 bei W = 104 cm									
	Nq	l/(skm <sup>2</sup> )	1.48		2.15	1.48	1.48											
	Mq	l/(skm <sup>2</sup> )	2.61		2.88	2.35	2.70											
	Hq	l/(skm <sup>2</sup> )	30.4		8.53	30.4	30.4											
	h <sub>N</sub>	mm					85											
	h <sub>A</sub>	mm	82		45	37	85											
	1948/2017 (*) 70 Jahre						1948/2017											
	NQ	m <sup>3</sup> /s	0.220	am 21.09.1964	0.260	0.220	0.220		am 21.09.1964									
	MNQ	m <sup>3</sup> /s	0.588		0.715	0.639	0.581											
	MQ	m <sup>3</sup> /s	1.16		1.23	1.09	1.16											
	MHQ	m <sup>3</sup> /s	13.0		6.75	10.8	13.0											
HQ	m <sup>3</sup> /s	69.5	am 31.05.2013 bei W = 260 cm	34.7	69.5	69.5		am 31.05.2013 bei W = 260 cm										
HQ <sub>1</sub>	m <sup>3</sup> /s																	
HQ <sub>5</sub>	m <sup>3</sup> /s																	
MNq	l/(skm <sup>2</sup> )	2.31		2.81	2.51	2.28												
Mq	l/(skm <sup>2</sup> )	4.55		4.84	4.27	4.55												
MHq	l/(skm <sup>2</sup> )	51.1		26.5	42.5	51.1												
Mh <sub>N</sub>	mm																	
Mh <sub>A</sub>	mm	144		76	68	144												
Extremwerte	Niedrigwasser (n)				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	0.220	0.864	21.09.1964	69.5	273	260	31.05.2013										
	2	0.260	1.02	20.04.1971	66.8	262	257	29.09.2007										
	3	0.300	1.18	21.05.1993	48.8	192		04.06.1961										
	4	0.330	1.30	18.10.1991	46.8	184	233	03.06.2013										
	5	0.330	1.30	31.08.1976	44.0	173		07.05.1969										
	6	0.346	1.36	07.08.2015	38.0	149		06.07.1958										
	7	0.360	1.41	21.08.2003	34.7	136		29.04.1965										
	8	0.370	1.45	20.09.1959	29.4	116		11.06.1965										
9	0.370	1.45	21.07.1957	28.0	110		10.06.1961											
10	0.377	1.48	09.07.2017	26.2	103	265	10.08.1981											

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Hochwasser 09/2007 hydraulisch berechnet (Pegelumlaufigkeit); neue W-Q-Beziehung ab 09/2007 mit signifikanten Veränderungen im Hochwasserbereich;  
 Durchflussstatistik im Hochwasserbereich rückwirkend nicht korrigiert  
 22 Tage Randeis, 199 Tage Verkrautung

A<sub>Eo</sub> : 154.80 km<sup>2</sup>  
 PNP : NHH+ 407.51 m  
 Lage : 108.00 km oberhalb der Mündung links



Pegel : Gräfinau-Angstedt Nr. 572890  
 Gewässer: Illm  
 Gebiet : Obere Saale

Tag	2016			2017																
	Nov	Dez		Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez					
1.	1.51	1.64		1.51	1.01	7.58	2.15	1.01	0.786	0.621	2.03	1.38	1.38	2.41	4.94					
2.	1.51	1.77		1.51	1.13	9.13	1.90	1.38	0.786	0.703	1.64	1.64	1.64	2.41	4.22					
3.	1.51	1.64		1.51	1.26	8.61	1.90	1.38	0.786	0.540	1.51	1.64	2.28	2.28	3.68					
4.	1.38	1.64		1.51	1.51	7.84	1.77	1.26	1.13	0.468	1.38	1.77	1.90	2.03	3.50					
5.	1.51	1.51		1.38	1.64	7.35	1.64	1.26	0.786	0.468	1.13	1.77	2.03	2.83	3.14					
6.	1.51	1.38		1.51	1.64	7.12	1.64	1.13	1.13	0.468	1.13	1.38	2.41	2.28	2.98					
7.	1.51	1.26		1.51	1.51	6.90	1.51	1.01	1.01	0.397	1.01	0.880	2.41	1.90	2.62					
8.	1.38	1.26		1.51	1.51	6.46	1.51	0.786	0.786	0.397	0.880	1.01	2.68	1.90	3.68					
9.	1.38	1.26		1.51	1.38	7.12	1.38	0.786	0.880	0.397	0.786	1.01	2.28	1.90	2.83					
10.	1.38	1.26		1.38	1.26	7.35	1.26	0.786	0.786	0.786	1.64	1.13	2.41	2.03	2.68					
11.	1.38	1.38		1.26	1.26	6.68	1.26	0.880	0.703	0.703	2.98	1.13	2.41	2.41	4.58					
12.	1.26	1.51		1.26	1.13	6.23	1.13	0.880	0.621	0.880	2.41	1.13	2.15	2.54	6.01					
13.	1.01	1.51		1.38	1.13	5.34	1.13	0.880	0.621	0.880	2.15	1.13	2.28	2.54	6.01					
14.	1.01	1.26		1.26	1.01	4.76	1.01	1.01	0.621	0.703	1.77	2.83	2.28	2.54	6.68					
15.	1.01	1.26		1.26	1.13	4.22	1.13	1.01	0.621	0.786	1.64	3.14	2.03	2.54	6.23					
16.	1.13	0.880		1.13	1.13	3.68	1.13	1.01	0.703	0.621	1.77	2.28	1.90	2.41	5.34					
17.	2.03	1.01		1.01	1.51	3.32	1.26	0.880	0.703	0.621	1.64	2.28	1.77	2.41	4.58					
18.	4.40	1.01		0.880	1.51	4.58	1.38	0.786	0.621	0.540	1.64	1.90	1.77	2.41	4.04					
19.	5.79	0.786		0.880	1.51	4.94	1.38	2.03	0.621	0.468	1.64	1.77	1.64	2.41	3.50					
20.	6.23	0.786		0.786	1.77	4.58	1.13	2.03	0.540	0.786	1.38	1.64	1.77	2.41	3.32					
21.	5.34	0.880		0.786	4.04	4.58	1.01	1.51	0.540	0.621	1.26	1.51	1.77	2.83	3.68					
22.	4.58	0.880		0.786	8.10	4.76	1.13	1.26	0.468	0.540	1.13	1.64	1.90	3.68	4.04					
23.	3.86	0.880		0.786	15.9	4.40	1.01	1.13	0.786	0.468	1.01	1.77	1.77	3.68	4.04					
24.	3.50	0.880		0.786	15.2	4.04	0.880	1.01	0.540	0.468	1.01	1.90	1.64	4.04	5.12					
25.	2.98	1.38		0.786	11.7	3.68	0.786	1.01	0.468	1.90	1.01	1.90	1.51	6.90	6.68					
26.	2.54	1.51		0.786	9.13	3.32	0.786	0.880	0.468	4.04	3.32	1.90	1.51	6.90	7.35					
27.	2.54	1.51		1.01	7.35	3.14	0.786	0.880	0.468	3.14	2.03	2.03	1.64	6.90	6.90					
28.	2.15	1.51		0.880	8.10	2.83	0.786	0.786	0.621	3.14	1.64	2.03	1.26	8.36	6.23					
29.	2.03	1.51		0.786		2.54	0.786	0.786	0.703	2.41	1.64	1.90	2.54	6.90	5.34					
30.	1.77	1.51		0.786		2.54	0.703	0.880	0.703	2.03	1.51	1.01	2.68	6.01	4.94					
31.	1.51	1.51		1.13		2.41		0.786		1.64	1.51		2.41		6.01					
Tag	13.4	19.4		20.4	1.4	31.4	30.4	8.4	22.4	7.4	9.4	7.4	28.4	7.4	7.4					
NQ	1.01	0.786		0.786	1.01	2.41	0.703	0.786	0.468	0.397	0.786	0.880	1.26	1.90	2.68					
MQ	2.37	1.29		1.13	3.80	5.23	1.24	1.07	0.700	1.05	1.59	1.68	2.00	3.43	4.66					
HQ	7.84	2.28		1.13	18.5	10.5	2.15	3.50	2.83	7.58	15.2	4.94	4.58	9.39	7.84					
Tag	18.4	2.4		20.4	23.4	2.4	1.4	19.4	4.4	26.4	26.4	14.4	29.4	28.4	26.4					
h <sub>N</sub> mm	40	22		20	59	90	21	18	12	18	27	28	35	57	81					
h <sub>A</sub> mm																				
1922/2016			1923/2017 95 Kalenderjahre																	
Jahr	1991	1953		1954	1963	1963	1960	1943	1954	1934	2003	1928	1933	1991	1953					
NQ	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	1.06	1.23		1.37	1.47	1.62	1.96	1.05	0.754	0.636	0.548	0.592	0.714	1.06	1.24					
MQ	2.49	3.30		3.56	3.35	3.80	4.04	2.07	1.65	1.29	1.05	1.19	1.65	2.48	3.29					
MHQ	7.37	10.5		11.0	9.54	10.8	9.57	6.16	5.93	5.15	4.95	3.91	4.85	7.36	10.4					
HQ	49.2	47.7		55.6	69.3	60.8	50.0	38.7	40.4	28.6	79.6	25.7	24.8	49.2	47.7					
Jahr	1940	1947		2002	1946	1981	2006	2013	2013	2007	1981	1998	1960	1940	1947					
Mh <sub>N</sub> mm	42	57		62	53	66	68	36	28	22	18	20	29	42	57					
Mh <sub>A</sub> mm																				
Abflussjahr (*) 2017			Kalenderjahr 2017			Unterschnittene Abflüsse m³/s														
Jahr			Datum			Jahr			Datum			1923/2017 95 Kalenderjahre			Untere Hüllkurve					
Winter			Sommer			Winter			Sommer			Obere Hüllkurve			Mittlere Werte			Untere Hüllkurve		
Nq			m³/s			m³/s			m³/s			m³/s			m³/s			m³/s		
MQ			m³/s			m³/s			m³/s			m³/s			m³/s			m³/s		
HQ			m³/s			m³/s			m³/s			m³/s			m³/s			m³/s		
Nq			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)		
Mq			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)		
Hq			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)		
h <sub>N</sub>			mm			mm			mm			mm			mm			mm		
h <sub>A</sub>			mm			mm			mm			mm			mm			mm		
1923/2017 (*) 95 Jahre			1923/2017			Dauertabelle														
NQ			m³/s			m³/s			m³/s			m³/s			m³/s			m³/s		
MNO			m³/s			m³/s			m³/s			m³/s			m³/s			m³/s		
MQ			m³/s			m³/s			m³/s			m³/s			m³/s			m³/s		
MHQ			m³/s			m³/s			m³/s			m³/s			m³/s			m³/s		
HQ			m³/s			m³/s			m³/s			m³/s			m³/s			m³/s		
HQ <sub>1</sub>			m³/s			m³/s			m³/s			m³/s			m³/s			m³/s		
HQ <sub>5</sub>			m³/s			m³/s			m³/s			m³/s			m³/s			m³/s		
MNq			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)		
Mq			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)		
MHq			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)			l/(skm²)		
Mh <sub>N</sub>			mm			mm			mm			mm			mm			mm		
Mh <sub>A</sub>			mm			mm			mm			mm			mm			mm		
Niedrigwasser (n)			Hochwasser																	
m³/s			l/(skm²)			m³/s			l/(skm²)			cm			Datum					
1			0.129 0.833 14.08.2003			79.6 514			10.08.1981			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			168 28.01.2002											
5			0.180 1.16 21.08.1947			50.0 323			160 27.04.2006											
6			0.190 1.23 07.08.1935			49.3 318			189 13.04.1994											
7			0.190 1.23 08.07.1934			49.2 318			189 13.04.1994											
8			0.190 1.23 31.06.1929			47.7 308			28.12.1947											
9			0.200 1.29 09.07.1976			46.4 300			154 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.  
 2 Tage Eisdecke/Eisstand, 17 Tage Randeis

A<sub>Eo</sub> : 627.00 km<sup>2</sup>  
 PNP : NHN+ 222.78 m  
 Lage : 53.90 km oberhalb der Mündung links



m<sup>3</sup>/s

Pegel : Mellingen Nr. 572910  
 Gewässer: Ilm  
 Gebiet : Obere Saale

	Tag	2016		2017																		
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez							
Tageswerte	1.	2.03	2.51	1.68	1.60	9.31	3.78	1.68	1.60	0.944	2.12	2.03	1.52	3.54	7.74							
	2.	1.94	2.51	1.85	1.43	10.4	3.66	1.94	1.43	0.828	1.94	1.85	1.60	3.42	6.92							
	3.	1.94	2.51	1.94	1.68	10.6	3.42	2.12	1.94	0.828	1.60	1.76	1.85	3.29	6.30							
	4.	1.94	2.32	1.94	2.03	10.2	3.17	2.12	2.62	0.775	1.60	1.68	2.51	3.17	6.85							
	5.	1.85	2.03	1.94	2.41	9.48	3.06	1.85	2.51	0.775	1.36	1.60	2.22	3.06	6.00							
	6.	2.12	1.94	1.52	2.62	9.13	2.94	1.94	2.03	0.726	1.28	1.43	2.73	3.54	6.85							
	7.	2.03	1.68	1.01	2.51	9.48	2.73	1.94	2.22	0.680	1.21	1.36	2.62	3.42	6.41							
	8.	1.94	2.12	1.52	2.41	8.95	2.62	1.85	1.85	0.637	1.01	1.36	2.73	3.06	6.55							
	9.	1.85	1.94	1.76	2.41	10.2	2.62	1.76	1.68	0.637	1.01	1.28	3.66	3.06	6.70							
	10.	1.76	1.85	1.85	2.22	9.84	2.41	1.68	1.68	0.680	1.21	1.28	3.66	3.06	5.27							
	11.	1.85	1.85	1.76	2.22	9.31	2.32	1.60	1.60	0.828	3.91	1.28	3.66	3.42	5.85							
	12.	1.68	1.94	1.76	2.12	8.43	2.32	1.76	1.43	0.884	3.54	1.21	3.54	3.78	8.07							
	13.	1.68	2.03	1.85	2.12	7.58	2.32	1.76	1.21	1.07	2.94	1.14	3.42	3.91	8.07							
	14.	1.60	1.85	1.94	2.12	6.92	2.32	1.85	1.07	0.944	2.73	1.43	3.17	4.04	8.78							
	15.	1.60	1.85	1.85	2.03	6.30	2.12	1.85	1.07	0.828	2.41	3.54	3.06	3.91	9.13							
	16.	1.68	1.76	1.76	2.03	5.55	2.22	1.68	1.07	0.828	2.73	2.73	2.94	3.91	8.07							
	17.	1.94	1.76	1.68	2.32	5.27	2.32	1.60	1.07	0.775	2.62	2.32	2.84	3.78	7.25							
	18.	2.84	1.68	1.45	2.62	5.55	2.51	1.52	0.944	0.680	2.32	2.12	2.62	3.78	6.60							
	19.	6.55	1.76	1.21	2.73	7.25	2.62	2.32	0.828	0.680	2.73	2.03	2.62	3.78	6.15							
	20.	6.30	1.68	0.884	2.73	6.60	2.41	5.55	0.884	0.828	2.32	1.94	2.51	3.78	5.85							
	21.	5.85	1.60	1.14	4.04	6.15	2.32	3.29	0.828	0.884	2.03	1.85	2.62	3.91	5.85							
	22.	5.27	1.52	1.07	7.09	6.76	2.32	2.62	0.828	0.726	1.85	1.68	2.73	4.57	6.60							
	23.	4.70	1.52	0.828	6.45	6.45	2.32	2.51	0.944	0.680	1.76	1.60	2.73	4.98	6.30							
	24.	4.30	1.52	0.884	5.85	5.85	2.32	2.32	1.01	0.680	1.68	1.60	2.62	5.27	6.92							
	25.	4.04	1.60	1.01	5.41	5.41	2.12	2.22	0.884	0.775	1.60	1.60	2.51	7.74	7.91							
	26.	3.78	1.85	1.14	5.41	5.41	2.03	2.03	0.775	3.78	2.94	1.52	2.41	9.84	8.78							
	27.	3.42	1.94	1.14	5.12	5.12	2.03	1.94	0.726	4.70	3.78	1.36	2.41	9.13	9.13							
	28.	3.29	1.94	1.01	4.84	4.84	2.03	1.76	0.726	4.04	2.62	1.43	2.62	9.84	8.78							
	29.	2.94	1.94	1.07	4.43	4.43	2.03	1.68	0.775	3.06	2.41	1.43	3.06	9.66	7.91							
	30.	2.73	1.85	1.14	4.17	4.17	1.94	2.12	1.07	2.41	2.12	1.52	4.30	8.60	7.25							
	31.	2.94	1.85	1.36	4.04	4.04		1.94		2.03	1.94		3.78		7.42							
Tag	14+	22+	23.	2.	31.	30.	18.	27+	8+	8+	13.	1.	5+	10.								
NQ	1.60	1.52	0.828	1.43	4.04	1.94	1.52	0.726	0.637	1.01	1.14	1.52	3.06	5.27								
MQ	2.88	1.89	1.45	4.65	7.26	2.51	2.09	1.31	1.28	2.17	1.70	2.82	4.81	7.01								
HQ	7.42	2.62	2.22	16.8	11.1	3.91	7.74	4.17	6.60	7.58	4.30	5.41	11.0	9.31								
Tag	21.	3.	8.	24.	2.	1.	20.	5.	27.	26.	15.	29.	25.	14.								
h <sub>N</sub> mm	12	8	6	18	31	10	9	5	5	9	7	12	20	30								
h <sub>A</sub> mm																						
	1922/2016			1923/2017					95 Kalenderjahre													
Jahr	1991	1989+	1954	1963	1963	1991	1990	1934	1976	1991	1929	1991	1991	1989+								
NQ	0.350	0.490	0.330	0.360	0.360	1.10	0.390	0.220	0.220	0.220	0.150	0.180	0.350	0.490								
MNQ	1.95	2.23	2.49	2.87	3.38	3.92	2.44	1.81	1.38	1.14	1.08	1.28	1.95	2.23								
MQ	3.95	5.01	5.71	5.59	6.65	6.90	4.19	3.58	2.56	2.00	1.97	2.57	3.94	4.99								
MHQ	11.1	14.1	16.7	14.3	17.2	15.4	10.6	11.3	7.80	5.97	5.70	6.82	11.1	14.1								
HQ	88.8	70.7	80.6	57.3	71.8	98.3	94.6	98.4	67.7	95.9	91.3	38.0	88.8	70.7								
Jahr	1940	1947	2003	1940	1981	1994	2013	2013	1956	1981	2007	1939	1940	1947								
Mh <sub>N</sub> mm	16	21	24	22	28	29	18	15	11	9	8	11	16	21								
Mh <sub>A</sub> mm																						
Hauptwerte	Abflussjahr (*)		2017				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s											
	Jahr		Datum		Winter		Sommer		Jahr		Datum		Abflussjahr (*)		1923/2017 95 Kalenderjahre							
	NQ	m <sup>3</sup> /s	0.637 am 08.07.2017		0.828		0.637		0.637 am 08.07.2017		364		16.2		16.2		93.1		31.2		7.25	
	MQ	m <sup>3</sup> /s	2.66		3.43		1.90		3.25		363		13.8		13.8		84.2		25.4		6.53	
	HQ	m <sup>3</sup> /s	16.8		16.8		7.74		16.8		362		13.4		13.4		65.6		22.4		6.38	
	Nq	l/(skm <sup>2</sup> )	1.02		1.32		1.02		1.02		361		11.7		11.7		63.6		20.5		5.95	
	Mq	l/(skm <sup>2</sup> )	4.24		5.47		3.03		5.18		360		10.6		10.6		46.0		18.9		5.82	
	Hq	l/(skm <sup>2</sup> )	26.8		26.8		12.3		26.8		359		10.4		10.4		42.3		18.1		5.82	
	h <sub>N</sub>	mm	134		86		48		163		358		10.2		10.2		41.0		17.2		5.55	
	h <sub>A</sub>	mm									357		10.2		10.2		33.4		16.4		5.27	
		1923/2017 (*) 95 Jahre			1923/2017					Dauertabelle												
	NQ	m <sup>3</sup> /s	0.150 am 10.09.1929		0.330		0.150		0.150 am 10.09.1929		356		9.84		9.84		32.8		15.7		4.87	
	MNQ	m <sup>3</sup> /s	0.751		1.36		0.828		0.761		355		9.31		9.48		25.5		13.1		3.98	
	MQ	m <sup>3</sup> /s	4.21		5.64		2.81		4.21		340		6.45		8.78		18.7		10.5		3.75	
	MHQ	m <sup>3</sup> /s	36.2		31.2		19.9		37.2		330		5.41		7.74		16.1		9.06		3.40	
	HQ	m <sup>3</sup> /s	98.4		98.3		98.4		98.4		320		4.30		6.76		14.7		8.00		3.28	
	HQ <sub>1</sub>	m <sup>3</sup> /s									300		3.42		5.55		12.9		6.53		2.64	
	HQ <sub>5</sub>	m <sup>3</sup> /s									270		2.62		3.78		11.1		5.08		1.70	
	MNq	l/(skm <sup>2</sup> )	1.20		2.17		1.32		1.21		240		2.41		3.06		9.28		4.02		1.18	
	Mq	l/(skm <sup>2</sup> )	6.72		8.99		4.49		6.72		210		2.12		2.62		8.05		3.32		0.940	
MHq	l/(skm <sup>2</sup> )	57.7		49.8		31.8		59.3		183		1.94		2.32		7.18		2.83		0.870		
Mh <sub>N</sub>	mm	212		141		71		212		150		1.85		2.03		5.68		2.32		0.750		
Mh <sub>A</sub>	mm									130		1.76		1.85		4.75		2.07		0.700		
	Niedrigwasser (n)			Hochwasser																		
1	m <sup>3</sup> /s	0.150		0.239		10.09.1929		98.4		354		0.726		0.726		2.24		0.580		0.180		
2	l/(skm <sup>2</sup> )	0.271		0.287		03.09.1991		95.9		351		0.726		0.726		2.24		0.522		0.180		
3	Datum	13.07.1976		25.06.1934		15.09.1923		77.8		327		0.680		0.680		2.14		0.500		0.180		
4	m <sup>3</sup> /s	0.351		0.447		22.09.2003		71.8		299		0.680		0.680		2.10		0.488		0.180		
5	l/(skm <sup>2</sup> )	0.351		0.478		02.08.1990		71.8		299		0.680		0.680		2.10		0.450		0.180		
6	Datum	13.07.1976		25.06.1934		15.09.1923		77.8		299		0.680		0.680		2.10		0.450		0.180		
7	m <sup>3</sup> /s	0.300		0.478		08.10.1926		70.7		299		0.680		0.680		2.10		0.420		0.180		
8	l/(skm <sup>2</sup> )	0.300		0.478		08.10.1926		70.7		299		0.680		0.680		2.10		0.390		0.180		
9	Datum	13.07.1976		25.06.1934		15.09.1923		77.8		299		0.680		0.680		2.10		0.360		0.150		
10	m <sup>3</sup> /s	0.320		0.510		06.08.1947		70.7		299		0.637		0.637		1.91		0.280		0.150		
	l/(skm <sup>2</sup> )	0.320		0.510		06.08.1947		70.7		299		0.637		0.637		1.91		0.280		0.150		
	Datum	13.07.1976		25.06.1934		15.09.1923		77.8		299		0.637		0.637		1.91		0.280		0.150		

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

A<sub>Eo</sub> : 894.30 km<sup>2</sup>  
 PNP : NHH+ 133.39 m  
 Lage : 10.00 km oberhalb der Mündung links



Pegel : Niedertrebra Nr. 572920  
 Gewässer: Ilm  
 Gebiet : Obere Saale

Tag	2016		2017																
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez					
1.	2.86	2.99	2.12	2.73	10.9	4.16	2.35	2.73	2.48	3.70	2.73	2.60	4.48	10.6					
2.	2.48	2.55	2.12	2.73	10.9	3.85	2.48	2.48	2.12	3.12	2.73	2.35	5.00	9.80					
3.	2.80	3.41	2.24	2.73	11.7	3.55	2.73	2.86	2.01	3.12	2.60	3.12	4.65	8.37					
4.	2.48	2.73	2.48	3.70	10.9	3.41	2.60	7.22	2.01	2.86	2.35	3.41	4.65	7.90					
5.	2.73	2.60	2.48	4.00	10.4	3.12	2.60	4.65	1.91	2.48	2.35	3.85	4.65	7.22					
6.	3.12	2.35	2.60	3.41	10.1	3.12	2.60	4.16	1.91	2.35	2.12	3.41	5.00	6.78					
7.	2.99	2.35	3.12	2.99	10.4	3.12	2.35	3.85	1.91	2.24	2.24	3.41	4.82	7.78					
8.	2.86	2.24	R 2.99	2.86	10.1	2.99	2.35	3.26	1.91	1.91	2.24	4.00	3.85	6.57					
9.	2.60	2.48	R 3.26	2.86	10.4	2.86	2.60	2.99	1.80	2.01	2.48	4.32	4.16	7.00					
10.	2.48	2.35	R 3.26	2.99	9.60	2.86	2.60	2.86	2.48	2.48	2.60	4.65	4.16	6.57					
11.	2.60	2.24	R 2.99	2.73	9.10	2.60	2.48	2.73	2.24	5.75	2.24	4.32	4.48	6.78					
12.	2.60	2.35	R 3.41	2.60	8.86	2.60	2.48	2.48	2.24	5.56	2.12	4.32	5.18	9.10					
13.	2.60	2.48	R 2.60	2.35	7.90	2.60	2.86	2.24	2.12	4.82	2.01	4.16	5.18	11.7					
14.	2.35	2.35	R 2.48	2.35	7.45	2.35	2.73	2.24	2.35	3.70	2.01	4.16	5.56	10.1					
15.	2.24	2.24	R 2.24	2.35	6.57	2.35	2.60	2.24	2.12	3.41	3.70	4.00	5.00	11.7					
16.	2.35	2.35	2.12	2.24	6.15	2.48	2.48	2.35	2.01	5.75	4.00	3.70	4.65	10.9					
17.	2.60	2.35	2.01	2.24	5.75	2.86	2.35	2.24	2.01	4.16	3.12	3.26	5.00	9.60					
18.	2.26	2.24	2.01	2.86	5.75	2.86	2.24	2.12	1.91	3.26	2.86	3.12	5.00	8.61					
19.	2.95	2.24	1.91	2.99	7.45	2.86	3.55	2.01	1.91	3.70	2.73	3.12	4.82	7.90					
20.	7.67	2.24	2.48	3.12	7.45	2.73	11.5	2.01	2.60	3.41	2.73	3.26	4.65	7.22					
21.	7.00	2.01	1.35	3.70	6.57	2.60	5.37	2.01	2.12	3.12	2.24	3.26	5.75	7.22					
22.	6.36	2.01	R 1.91	6.36	7.22	2.60	4.00	2.12	2.01	2.86	2.24	3.70	5.37	7.90					
23.	9.95	2.01	R 1.44	13.1	7.00	2.48	3.55	2.24	1.91	2.86	2.01	3.55	6.36	8.14					
24.	5.56	1.12	R 1.44	20.6	6.36	2.48	3.55	2.24	2.12	2.60	2.01	3.55	6.57	7.90					
25.	18.18	1.91	R 1.52	18.2	5.95	2.86	3.41	2.01	4.00	2.60	2.12	3.26	8.61	9.10					
26.	0.00	2.01	R 1.71	13.4	5.56	2.48	2.99	2.01	5.00	3.41	2.24	2.99	12.9	10.9					
27.	18.18	2.48	R 1.80	10.6	5.18	2.24	2.86	1.91	7.90	5.95	2.12	3.41	12.0	12.3					
28.	3.32	2.86	R 1.71	9.60	5.00	2.24	2.73	2.01	6.57	4.00	1.91	3.41	12.0	11.7					
29.	3.55	2.48	R 1.52	4.65	4.65	2.12	2.73	2.60	5.56	3.26	2.01	3.85	12.3	10.4					
30.	3.26	2.24	R 1.71	4.16	4.16	2.12	3.41	2.35	4.16	2.99	2.48	5.56	11.5	9.35					
31.		2.24	R 2.24	4.16	4.16		4.82		3.41	2.99		5.00		8.86					
Tag	15	25	21	16	30+	29+	18	27	9	8	28	2	8	8+					
NQ	2.24	1.91	1.35	2.24	4.16	2.12	2.24	1.91	1.80	1.91	1.91	2.35	3.85	6.57					
MQ	3.76	2.40	2.23	5.47	7.73	2.79	3.22	2.71	2.80	3.43	2.44	3.68	6.28	8.89					
HQ	8.86	5.00	4.16	21.3	12.0	4.65	18.2	12.0	10.1	11.7	5.37	5.95	13.4	12.3					
Tag	20	2	7	24	3	1	20	4	27	16	15	30	29	13					
h <sub>N</sub> mm	11	7	7	15	23	8	10	8	8	10	7	11	18	27					
h <sub>A</sub> mm	1922/2016			1923/2017				95 Kalenderjahre											
Jahr	1947	1949	1964	1963	1963	1938	1934	1934	1934	1949	1929	1949	1947	1949					
NQ	0.810	0.810	0.950	0.950	0.950	2.00	1.37	0.630	0.570	0.590	0.570	0.590	0.810	0.810					
MNQ	3.06	3.48	3.88	4.39	4.90	5.56	3.94	3.22	2.54	2.18	2.12	2.31	3.05	3.46					
MQ	5.29	6.57	7.47	7.56	8.80	9.04	6.10	5.36	3.99	3.25	3.10	3.78	5.27	6.55					
MHQ	12.7	16.3	19.0	17.2	20.4	18.6	13.5	15.5	10.7	8.34	7.33	8.56	12.8	16.3					
HQ	84.1	77.0	101	84.6	82.0	105	72.2	112	76.4	96.6	83.0	44.5	84.1	77.0					
Jahr	1940	1939	2011	1946	1942	1994	1969	2013	1956	1981	2007	1939	1940	1939					
Mh <sub>N</sub> mm	15	20	22	21	26	26	18	16	12	10	9	11	15	20					
Mh <sub>A</sub> mm																			
Hauptwerte	Abflussjahr (*)		2017		Kalenderjahr		2017		Unter-		Unterschrittene Abflüsse m³/s								
	Jahr		Datum		Jahr		Datum		schrittungs-		Abfluss-		Kalender-		1923/2017 95 Kalenderjahre				
									dauer		jahr (*)		jahr		Obere				
									in Tagen		2017		2017		Hüllkurve				
															Mittlere				
															Werte				
															Untere				
															Hüllkurve				
NQ	m³/s	1.35	am 21.01.2017	1.35	1.80	1.35	am 21.01.2017	364	20.6	20.6	111	39.3	8.18						
MQ	m³/s	3.55		4.05	3.05	4.31		363	18.2	18.2	101	31.4	8.18						
HQ	m³/s	21.3	am 24.02.2017 bei W = 128 cm	21.3	18.2	21.3	am 24.02.2017 bei W = 128 cm	362	13.4	13.4	88.6	27.1	7.54						
Nq	l/(skm²)	1.51		1.51	2.01	1.51		361	13.1	13.1	74.2	24.7	6.90						
Mq	l/(skm²)	3.97		4.53	3.41	4.81		360	11.7	12.9	67.4	23.1	6.70						
Hq	l/(skm²)	23.8		23.8	20.4	23.8		359	11.5	12.3	63.8	21.8	6.49						
h <sub>N</sub>	mm							358	10.9	12.3	62.3	21.0	5.91						
h <sub>A</sub>	mm	125		71	54	152		357	10.9	12.0	58.7	20.0	5.91						
								356	10.9	12.0	49.2	19.3	5.91						
								355	10.1	11.5	29.8	16.4	5.50						
								340	7.45	10.4	23.8	13.4	4.99						
								330	6.36	9.10	21.1	11.7	4.60						
								320	5.56	7.90	19.0	10.4	4.45						
								300	4.32	6.57	17.6	8.67	3.65						
								270	3.55	5.00	15.5	6.90	3.00						
								240	3.26	4.00	13.4	5.75	2.65						
								210	2.86	3.41	12.3	4.85	2.34						
NQ	m³/s	0.570	am 15.09.1929	0.810	0.570	0.570	am 15.09.1929	183	2.73	3.12	11.3	4.25	2.00						
MNQ	m³/s	1.60		2.41	1.72	1.64		150	2.60	2.73	9.08	3.65	1.45						
MQ	m³/s	5.85		7.46	4.26	5.84		130	2.48	2.60	7.76	3.30	1.20						
MHQ	m³/s	41.3		35.9	24.9	42.2		120	2.48	2.60	7.33	3.11	1.09						
HQ	m³/s	112	am 01.06.2013 bei W = 279 cm	105	112	112	am 01.06.2013 bei W = 279 cm	110	2.35	2.48	6.69	2.95	1.09						
HQ <sub>1</sub>	m³/s							100	2.35	2.48	6.30	2.78	0.990						
HQ <sub>5</sub>	m³/s							90	2.24	2.35	6.10	2.61	0.990						
								80	2.24	2.35	5.91	2.49	0.900						
								70	2.24	2.24	5.73	2.35	0.880						
MNq	l/(skm²)	1.79		2.69	1.93	1.83		60	2.12	2.24	5.54	2.20	0.880						
Mq	l/(skm²)	6.54		8.34	4.77	6.53		50	2.12	2.12	5.36	2.04	0.810						
MHq	l/(skm²)	46.1		40.1	27.8	47.2		40	2.01	2.01	4.82	1.89	0.810						
Mh <sub>N</sub>	mm							30	2.01	2.01	4.66	1.71	0.730						
Mh <sub>A</sub>	mm	206		131	76	206		25	2.01	2.01	4.56	1.61	0.730						
								20	1.91	1.91	4.51	1.52	0.730						
								15	1.91	1.91	4.37	1.44	0.660						
								10	1.91	1.91	4.20	1.27	0.660						
								9	1.80	1.80	4.18	1.25	0.660						
								8	1.80	1.80	4.18	1.18	0.660						
								7	1.71	1.71	4.18	1.18							

A<sub>Eo</sub> : 183.00 km<sup>2</sup>  
 PNP : NHN+ 210.24 m  
 Lage : 161.20 km oberhalb der Mündung links



Pegel : Ammern Nr. 573000  
 Gewässer: Unstrut  
 Gebiet : Unstrut

Tag	2016		2017												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	0.341	0.389	R 0.296	0.341	2.28	0.927	0.788	0.543	0.438	2.85	0.857	0.857	1.08	1.61	
2.	0.341	0.389	R 0.389	0.341	2.42	0.996	0.996	0.543	0.438	1.27	0.857	0.857	1.08	1.38	
3.	0.389	0.389	R 0.389	0.341	1.61	0.927	0.927	0.788	0.438	0.927	0.857	1.74	0.996	1.38	
4.	0.389	0.389	R 0.438	0.543	1.27	0.927	0.857	0.788	0.438	0.788	0.857	1.38	0.996	2.01	
5.	0.389	0.341	R 0.438	0.720	1.08	0.996	0.857	0.599	0.389	0.927	0.857	2.28	1.17	3.76	
6.	0.389	0.341	R 0.296	0.720	1.08	0.996	0.788	0.599	0.389	0.788	0.857	2.99	1.17	2.42	
7.	0.389	0.341	R 0.296	0.543	1.49	0.996	0.788	0.659	0.389	0.720	0.857	1.74	0.996	2.01	
8.	0.389	0.341	D 0.341	0.491	1.49	0.996	0.788	0.543	0.491	0.659	0.788	2.56	0.927	2.42	
9.	0.341	0.341	R 0.389	0.438	4.37	0.996	0.788	0.543	0.491	0.659	0.857	2.14	0.927	2.01	
10.	0.438	0.341	R 0.389	0.438	2.85	0.996	0.788	0.543	0.491	0.659	0.788	1.74	0.996	1.87	
11.	0.438	0.341	R 0.389	0.438	2.14	0.996	0.788	0.543	0.389	2.28	0.857	1.49	1.61	6.58	
12.	0.438	0.389	R 0.491	0.389	1.87	0.996	0.788	0.491	0.491	2.56	0.788	1.27	1.38	5.67	
13.	0.341	0.438	R 0.491	0.389	1.74	0.996	0.788	0.491	0.543	1.49	0.857	1.17	1.38	2.99	
14.	0.341	0.389	R 0.438	0.389	1.27	0.996	0.996	0.491	0.389	1.08	0.927	1.08	1.17	4.81	
15.	0.341	0.389	R 0.389	0.389	1.08	0.996	0.857	0.491	0.389	0.996	0.996	0.996	0.996	4.22	
16.	0.389	0.389	R 0.389	0.389	0.491	0.996	0.857	0.543	0.389	1.27	0.788	0.996	0.996	2.85	
17.	0.438	0.389	R 0.341	1.08	0.996	1.08	0.857	0.491	0.389	1.08	0.788	0.996	0.996	2.42	
18.	0.543	0.389	R 0.341	1.49	1.27	0.996	0.857	0.491	0.389	1.38	0.720	0.996	0.927	2.14	
19.	0.543	0.389	R 0.341	1.17	1.27	0.996	0.996	0.438	0.389	2.14	0.720	0.996	0.996	1.87	
20.	0.438	0.389	R 0.341	1.38	1.27	0.996	0.996	0.438	0.491	1.27	0.720	0.927	0.996	1.87	
21.	0.438	0.341	R 0.341	4.07	1.17	0.996	0.659	0.438	0.389	1.08	0.720	0.927	2.99	2.14	
22.	0.438	0.341	D 0.341	2.28	1.08	0.996	0.659	0.438	0.438	0.996	0.720	0.927	2.42	2.01	
23.	0.438	0.341	D 0.296	6.26	1.08	0.927	0.659	0.491	0.543	0.996	0.788	0.927	1.49	1.61	
24.	0.389	0.341	D 0.296	4.37	1.08	0.927	0.659	0.438	0.659	0.927	0.788	0.927	1.38	1.61	
25.	0.389	0.341	D 0.296	2.14	0.996	0.927	0.659	0.438	3.91	0.927	0.788	0.927	2.56	1.61	
26.	0.389	R 0.389	D 0.296	1.61	0.996	0.927	0.659	0.438	7.86	0.996	0.788	0.927	2.70	1.61	
27.	0.389	R 0.389	R 0.296	1.27	0.927	0.857	0.659	0.438	2.56	0.996	0.788	0.927	2.28	1.61	
28.	0.389	R 0.389	R 0.296	1.38	0.927	0.857	0.599	0.543	1.61	0.927	0.788	0.927	3.91	1.61	
29.	0.389	R 0.389	R 0.296	0.927	0.927	0.857	0.599	0.543	0.996	0.927	0.720	1.17	2.42	1.49	
30.	0.341	R 0.389	R 0.296	0.927	0.927	0.857	0.720	0.543	0.788	0.927	0.857	1.17	2.01	1.61	
31.		R 0.389	R 0.389	0.927	0.927	0.857	0.659		0.720	0.927		1.08		2.14	
Tag	1+	5+	1+	1+	27+	27+	28+	19+	5+	8+	18+	1+	8+	2+	
NQ	0.341	0.341	0.296	0.341	0.927	0.857	0.599	0.438	0.389	0.659	0.720	0.857	0.927	1.38	
MQ	0.401	0.372	0.356	1.28	1.45	0.964	0.785	0.527	0.939	1.17	0.811	1.29	1.53	2.43	
HQ	1.17	0.491	0.599	8.19	5.96	1.38	3.45	1.27	15.5	6.73	1.27	5.23	4.67	18.2	
Tag	18.	8.	4.	23.	9.	1.	19.	3.	26.	1.	3.	5.	27.	11.	
h <sub>N</sub> mm	6	5	5	17	21	14	11	7	14	17	11	19	22	36	
h <sub>A</sub> mm	1940/2016		1941/2017 77 Kalenderjahre <sup>2</sup>												
Jahr	1959	1959	1960	1972	1960	1960	1960	2012	1960	1960	1959	1959	1959	1959	
NQ	0.170	0.130	0.130	0.150	0.150	0.230	0.320	0.280	0.210	0.210	0.170	0.210	0.170	0.130	
MNQ	0.637	0.777	0.989	1.16	1.32	1.41	1.16	0.932	0.789	0.682	0.618	0.595	0.636	0.780	
MQ	1.13	1.59	1.93	2.17	2.28	1.91	1.53	1.27	1.07	0.894	0.811	0.871	1.09	1.60	
MHQ	7.13	9.39	12.8	12.1	11.4	6.39	4.59	5.87	4.29	2.58	2.52	2.84	5.75	9.56	
HQ	104	53.2	52.0	65.0	67.5	54.4	39.0	115	70.2	14.4	37.0	18.0	63.2	53.2	
Jahr	1940	1988	1995	1946	1956	1983	1997	1981	1956	2002	2007	1998	1998	1988	
Mh <sub>N</sub> mm	16		28	29	33	27	22	18	16	13	11	13	15	23	
Mh <sub>A</sub> mm		23													
Hauptwerte	Abflussjahr (*)		2017				Kalenderjahr				Unterschnittene Abflüsse m <sup>3</sup> /s				
	Jahr		Datum		Winter	Sommer	Jahr		Datum		Abfluss-jahr (*)	Kalender-jahr	1941/2017 77 Kalenderjahre <sup>2</sup>		
											2017	2017	Hüllkurve	Mittlere Werte	Untere Hüllkurve
	NQ	m <sup>3</sup> /s	0.296	am 01.01.2017	0.296	0.389	0.296	am 01.01.2017	364	7.86	7.86	32.2	13.6	4.01	
	MQ	m <sup>3</sup> /s	0.861		0.797	0.924	1.13		363	6.26	6.58	24.4	10.3	2.99	
	HQ	m <sup>3</sup> /s	15.5	am 26.07.2017 bei W = 158 cm	8.19	15.5	18.2	am 11.12.2017 bei W = 171 cm	362	4.37	6.26	20.0	8.33	2.66	
	Nq	l/(skm <sup>2</sup> )	1.62		1.62	2.13	1.62		361	4.37	5.67	18.0	7.05	2.30	
	Mq	l/(skm <sup>2</sup> )	4.71		4.36	5.05	6.17		360	4.07	4.81	16.8	6.22	2.18	
	Hq	l/(skm <sup>2</sup> )	84.7		44.8	84.7	99.5		359	3.91	4.37	14.6	5.62	1.81	
	h <sub>N</sub>	mm	148		68	80	195		358	2.99	4.37	14.2	5.16	1.36	
	h <sub>A</sub>	mm							357	2.85	4.22	13.4	4.83	1.30	
			1941/2017 (*) 77 Jahre <sup>2</sup>				1941/2017								
	NQ	m <sup>3</sup> /s	0.130	am 22.12.1959	0.130	0.170	0.130	am 22.12.1959	356	2.85	4.07	12.6	4.57	1.30	
	MNQ	m <sup>3</sup> /s	0.412		0.572	0.522	0.432		355	2.28	2.99	8.42	3.60	0.970	
	MQ	m <sup>3</sup> /s	1.45		1.83	1.07	1.45		340	1.74	2.42	4.72	2.88	0.970	
MHQ	m <sup>3</sup> /s	30.8		27.6	11.0	29.0		330	1.38	2.14	4.17	2.53	0.850		
HQ	m <sup>3</sup> /s	115	am 04.06.1981	104	115	115	am 04.06.1981	320	1.27	2.01	3.66	2.30	0.760		
HQ <sub>1</sub>	m <sup>3</sup> /s							300	1.08	1.61	3.24	1.96	0.660		
HQ <sub>5</sub>	m <sup>3</sup> /s							270	0.996	1.17	2.65	1.63	0.620		
MNq	l/(skm <sup>2</sup> )	2.25		3.12	2.85	2.36		240	0.927	0.996	2.40	1.41	0.610		
Mq	l/(skm <sup>2</sup> )	7.93		10.0	5.87	7.92		210	0.857	0.996	2.26	1.21	0.600		
MHq	l/(skm <sup>2</sup> )	168		151	60.4	158		183	0.788	0.927	2.11	1.08	0.550		
Mh <sub>N</sub>	mm							150	0.543	0.857	2.05	0.970	0.490		
Mh <sub>A</sub>	mm							130	0.491	0.788	1.98	0.870	0.370		
		Niedrigwasser (n)				Hochwasser				Dauertabelle					
1	m <sup>3</sup> /s	0.710	22.12.1959	115	628		04.06.1981	110	0.438	0.720	1.80	0.770	0.330		
2	l/(skm <sup>2</sup> )	0.765	23.12.1976	104	568		04.11.1940	100	0.438	0.659	1.80	0.720	0.330		
3	Datum	06.02.1972	70.2	384		15.07.1956	90	0.389	0.543	1.74	0.680	0.330			
4	m <sup>3</sup> /s	0.820	06.02.1972	70.2	384		08.02.1946	80	0.389	0.543	1.68	0.660	0.320		
5	l/(skm <sup>2</sup> )	0.874	12.12.1991	67.5	369		01.11.1998	70	0.389	0.491	1.62	0.610	0.280		
6	Datum	08.11.2011	65.0	355		02.02.2016	60	0.389	0.438	1.56	0.600	0.280			
7	m <sup>3</sup> /s	1.09	22.07.1960	63.2	345	328	01.11.1998	50	0.389	0.438	1.56	0.570	0.280		
8	l/(skm <sup>2</sup> )	1.31	22.10.1989	56.7	310	303	02.02.2016	40	0.389	0.389	1.44	0.530	0.280		
9	Datum	13.11.1986	54.4	297		20.04.1983	30	0.341	0.389	1.38	0.460	0.240			
10	m <sup>3</sup> /s	1.37	04.03.1963	53.2	291		19.12.1988	25	0.341	0.389	1.33	0.460	0.240		
	l/(skm <sup>2</sup> )	1.42	30.09.1961	52.0	284	308	23.01.1995	20	0.341	0.341	1.33	0.390	0.240		
	Datum							15	0.341	0.341	1.30	0.380	0.200		
	m <sup>3</sup> /s							10	0.296	0.296	1.19	0.			

A<sub>E0</sub> : 716.00 km<sup>2</sup>  
 PNP : NHH+ 166.92 m  
 Lage : 133.20 km oberhalb der Mündung rechts



m<sup>3</sup>/s

Pegel : Nängelstedt Nr. 573010  
 Gewässer: Unstrut  
 Gebiet : Unstrut

	Tag	2016		2017											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tageswerte	1.	K 1.38	K 0.760	K 0.892	0.892	4.56	K 2.70	K 1.74	K 1.38	K 1.56	K 4.56	K 2.51	K 3.09	K 2.13	K 4.34
	2.	K 1.38	K 1.04	K 0.760	0.634	5.76	K 2.89	K 2.32	K 1.38	K 1.38	K 3.91	K 2.13	K 3.91	K 2.13	K 3.91
	3.	K 1.56	K 1.04	K 0.892	0.892	4.56	K 2.51	K 2.51	K 2.32	K 1.38	K 2.51	K 2.13	K 3.29	K 2.13	K 3.70
	4.	K 1.56	K 1.04	K 1.20	0.892	3.70	K 2.51	K 1.94	K 4.34	K 1.20	K 2.32	K 2.13	K 3.09	K 2.13	K 3.91
	5.	K 1.38	K 0.760	K 1.20	1.56	3.09	K 2.70	K 1.94	K 2.32	K 1.20	K 2.13	K 2.13	K 3.09	K 2.70	K 6.00
	6.	K 1.38	K 0.760	K 0.760	1.56	3.09	K 2.51	K 1.94	K 1.74	K 1.04	K 2.51	K 1.94	K 4.80	K 2.89	K 5.76
	7.	K 1.38	K 0.760	K 0.522	1.38	3.70	K 2.51	K 1.94	K 1.56	K 1.04	K 1.94	K 2.13	K 3.09	K 2.32	K 4.34
	8.	K 1.38	K 0.760	K 0.418	1.20	3.70	K 2.51	K 1.74	K 1.56	K 1.38	K 1.94	K 1.94	K 3.49	K 2.32	K 4.80
	9.	K 1.20	K 0.892	K 0.634	0.892	7.91	K 2.51	K 1.74	K 1.56	K 1.20	K 1.74	K 1.94	K 3.70	K 2.13	K 4.56
	10.	K 1.38	K 0.892	K 0.634	0.892	6.54	K 2.32	K 1.74	K 1.56	K 1.94	K 1.94	K 1.94	K 2.51	K 2.32	K 4.34
	11.	K 1.38	K 0.892	K 0.892	K 0.634	0.892	5.04	K 2.51	K 1.74	K 1.38	K 1.94	K 6.00	K 1.74	K 2.32	K 2.70
	12.	K 0.892	K 1.20	K 0.892	1.20	0.760	4.34	K 2.13	K 1.74	K 1.56	K 1.38	K 6.00	K 1.94	K 2.51	K 2.89
	13.	K 0.760	K 1.04	K 1.04	1.94	0.760	3.70	K 2.32	K 1.74	K 1.20	K 1.74	K 4.56	K 1.74	K 2.13	K 2.70
	14.	K 0.892	K 1.04	K 1.38	0.760	3.29	K 2.32	K 1.94	K 1.04	K 1.56	K 3.29	K 2.32	K 2.13	K 2.51	K 7.91
	15.	K 0.760	K 0.892	K 1.20	0.760	3.09	K 2.32	K 1.94	K 1.04	K 1.38	K 2.70	K 2.32	K 2.13	K 2.32	K 12.4
	16.	K 0.522	K 0.892	K 1.04	0.760	3.09	K 2.32	K 1.38	K 1.56	K 1.20	K 3.70	K 2.13	K 2.32	K 2.32	K 9.62
	17.	K 1.20	K 0.892	K 0.892	0.892	1.94	2.89	K 2.89	K 1.56	K 1.04	K 3.09	K 1.94	K 2.32	K 2.51	K 7.36
	18.	K 1.20	K 0.760	K 0.892	0.892	2.13	3.49	K 2.51	K 1.56	K 1.04	K 2.51	K 1.94	K 2.13	K 2.51	K 6.54
	19.	K 1.74	K 0.760	K 0.892	0.892	2.32	3.91	K 2.51	K 1.56	K 1.04	K 3.91	K 1.74	K 2.13	K 2.51	K 5.76
	20.	K 1.38	K 0.760	K 0.760	1.94	3.49	3.49	K 2.32	K 3.70	K 1.04	K 1.38	K 2.89	K 1.74	K 2.13	K 5.52
	21.	K 1.20	K 0.760	K 0.634	4.56	3.29	K 2.32	K 1.74	K 0.892	K 1.20	K 2.51	K 1.74	K 2.32	K 3.91	5.28
	22.	K 1.20	K 0.760	K 0.760	3.70	3.29	K 2.32	K 1.56	K 0.892	K 1.20	K 2.32	K 1.74	K 2.13	K 4.80	5.04
	23.	K 1.04	K 0.760	K 0.760	9.33	3.49	K 2.13	K 1.56	K 1.38	K 1.74	K 2.32	K 1.94	K 2.32	K 3.49	4.80
	24.	K 1.04	K 0.760	K 0.760	8.47	3.49	K 1.94	K 1.38	K 1.04	K 1.94	K 2.51	K 1.94	K 2.32	K 3.09	4.56
	25.	K 1.04	K 0.760	K 0.634	5.04	2.89	K 2.13	K 1.38	K 0.760	K 10.7	K 2.51	K 2.13	K 2.32	K 4.34	4.56
	26.	K 1.04	K 0.892	K 0.634	3.49	2.70	K 2.13	K 1.38	K 0.760	K 17.2	K 2.89	K 2.13	K 2.32	K 6.27	4.56
	27.	K 1.20	K 0.892	K 0.634	2.89	2.89	K 2.13	K 1.38	K 0.760	K 9.90	K 2.70	K 1.94	K 2.32	K 4.56	4.56
	28.	K 1.04	K 0.892	K 0.634	3.29	2.89	K 2.13	K 1.38	K 1.38	K 6.00	K 2.70	K 1.94	K 2.13	K 7.09	4.56
	29.	K 0.892	K 0.892	K 0.634	2.89	2.70	K 2.13	K 1.38	K 2.13	K 3.49	K 2.51	K 1.74	K 2.89	K 5.76	4.12
	30.	K 0.760	K 0.892	K 0.634	2.70	2.70	K 1.94	K 1.38	K 1.94	K 2.70	K 2.32	K 1.74	K 2.70	K 4.80	4.34
	31.	K 0.892	K 0.892	K 0.760	2.70	2.70	K 1.94	K 1.94	K 2.51	K 2.51	K 2.32	K 1.74	K 2.13	K 4.80	4.80
Tag	16.	1+	8.	2.	26+	24+	16+	25+	6+	9.	11+	2.	1+	3.	
NQ	0.522	0.760	0.418	0.634	2.70	2.70	1.94	1.38	0.760	1.04	1.74	1.94	2.13	3.70	
MQ	1.17	0.861	0.846	2.31	3.74	3.74	2.36	1.78	2.78	2.96	1.98	2.59	3.22	6.01	
HQ	2.13	1.20	3.49	12.9	10.2	10.2	3.49	6.27	5.04	9.05	2.89	6.00	8.19	20.6	
Tag	7.	2.	13.	23.	9.	9.	5.	20.	3.	11.	14.	6.	28.	12.	
h <sub>N</sub> mm	4	3	3	8	14	9	7	5	10	11	7	10	12	22	
h <sub>A</sub> mm	1936/2016								1937/2017					81 Kalenderjahre	
Jahr	2016	1947	2017	2017	1954	1960	1960	1977	1992	1976	1960	2015	2016	1947	
NQ	0.522	0.640	0.418	0.634	0.870	1.00	0.800	0.560	0.540	0.560	0.700	0.522	0.522	0.640	
MNQ	1.93	2.33	2.77	3.26	3.63	3.75	3.09	2.65	2.37	2.10	1.92	1.83	1.94	2.34	
MQ	2.98	4.07	4.86	5.83	6.31	5.14	4.13	3.64	3.15	2.75	2.35	2.40	2.99	4.10	
MHQ	11.9	17.0	21.3	23.2	24.2	13.4	12.1	10.9	9.23	6.78	5.05	5.82	11.9	17.2	
HQ	147	80.9	85.2	124	147	65.0	50.4	80.8	87.2	37.6	47.4	30.1	147	80.9	
Jahr	1940	1947	1948	1946	1956	1994	1950	1981	1956	1972	2007	1974	1940	1947	
Mh <sub>N</sub> mm	11	15	18	20	24	19	15	13	12	10	9	9	11	15	
Mh <sub>A</sub> mm															
Hauptwerte	Abflussjahr (*)	2017				Kalenderjahr 2017				Unter-schreitungs-dauer in Tagen	Unterschrittene Abflüsse m <sup>3</sup> /s				
		Jahr	Datum	Winter	Sommer	Jahr	Datum	Abfluss-jahr (*)	Kalender-jahr		1937/2017 81 Kalenderjahre				
	NQ	m <sup>3</sup> /s	0.418	am 08.01.2017	0.418	0.760	0.418	am 08.01.2017	0.418	am 08.01.2017	17.2	17.2	117	31.4	7.64
	MQ	m <sup>3</sup> /s	2.07		1.87	2.26	2.67		2.67		10.7	15.1	76.6	25.0	7.64
	HQ	m <sup>3</sup> /s	22.5	am 26.07.2017 bei W = 189 cm	12.9	22.5	22.5	am 26.07.2017 bei W = 189 cm	22.5	am 26.07.2017 bei W = 189 cm	9.90	12.4	69.4	20.7	6.19
	Nq	l/(skm <sup>2</sup> )	0.584		0.584	1.06	0.584		0.584		9.33	11.0	58.0	18.4	6.19
	Mq	l/(skm <sup>2</sup> )	2.89		2.62	3.16	3.74		3.74		8.47	10.7	58.0	16.6	5.92
	Hq	l/(skm <sup>2</sup> )	31.4		18.0	31.4	31.4		31.4		7.91	9.90	53.8	15.3	5.42
	h <sub>N</sub>	mm									6.54	9.62	32.6	14.2	4.91
	h <sub>A</sub>	mm	91		41	50	118				6.00	8.47	29.3	12.6	4.40
											4.56	6.54	21.5	10.2	2.83
											3.70	5.76	17.4	8.24	2.16
											3.49	4.80	15.4	7.12	2.06
											3.29	4.56	13.3	6.30	1.90
											2.70	3.70	11.2	5.32	1.78
											2.51	3.09	8.74	4.36	1.62
											2.13	2.51	7.44	3.74	1.53
											1.94	2.32	6.75	3.31	1.35
											1.94	2.13	6.50	2.98	1.27
											1.56	1.94	5.64	2.65	1.06
											1.38	1.94	5.42	2.45	0.960
										1.38	1.74	5.21	2.34	0.960	
										1.20	1.74	5.21	2.30	0.960	
										1.20	1.56	5.21	2.16	0.960	
										1.04	1.56	5.21	2.02	0.960	
										1.04	1.38	5.00	1.94	0.960	
										0.892	1.38	4.80	1.83	0.960	
										0.892	1.20	4.80	1.74	0.870	
										0.892	1.04	4.80	1.64	0.870	
										0.760	0.892	4.60	1.52	0.870	
										0.760	0.892	4.40	1.38	0.811	
										0.760	0.760	4.40	1.29	0.760	
										0.760	0.760	4.40	1.24	0.760	
										0.634	0.634	4.40	1.14	0.755	
										0.634	0.634	4.20	1.04	0.634	
										0.634	0.634	4.20	1.01	0.634	
										0.634	0.634	4.20	1.00	0.634	
										0.634	0.634	4.20	0.960	0.634	
										0.634	0.634	4.20	0.939	0.634	
										0.634	0.634	4.20	0.900	0.634	
										0.634	0.634	4.20	0.880	0.634	
										0.634	0.634	4.20	0.870	0.600	
										0.522	0.634	4.00	0.780	0.600	
										0.522	0.522	4.00	0.755	0.522	
										0.418	0.418	4.00	0.418	0.418	
Extremwerte	Niedrigwasser (n)				Hochwasser				Dauertabelle						
	1	0.418	0.584	08.01.2017	147	205		05.03.1956							
	2	0.522	0.729	13.10.2015	147	205		05.11.1940							
	3	0.540	0.754	30.07.1992	124	173		09.02.1946							
	4	0.560	0.782	25.08.1976	124	173		20.03.1942							
	5	0.600	0.838	11.10.1960	122	170		15.03.1947							
	6	0.600	0.838	01.11.1959	116	162		09.02.1941							
	7	0.640	0.894	07.10.1949	87.2	122		20.07.1956							
	8	0.640	0.894	08.12.1947	85.2	119		14.01.19							

A<sub>Eo</sub> : 4174.00 km<sup>2</sup>  
 PNP : NHH+ 121.70 m  
 Lage : 76.60 km oberhalb der Mündung rechts



Pegel : Oldisleben Nr. 573110  
 Gewässer : Unstrut  
 Gebiet : Unstrut

Tag	2016			2017												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
1.	K9.43	K8.98	7.69	9.90	18.6	12.7	7.89	K8.98	K8.98	K21.8	K12.7	10.4	15.2	25.9		
2.	K9.21	K9.21	7.89	8.98	21.0	13.1	8.09	K8.32	K8.09	K24.6	K12.9	12.9	14.8	24.0		
3.	K9.43	K9.67	7.89	8.76	21.5	12.9	9.43	K9.21	K7.29	K19.7	K12.9	17.2	14.4	22.4		
4.	K9.43	K9.21	8.32	10.9	19.1	12.1	8.76	K12.9	K7.11	K15.2	K11.7	17.6	14.2	22.4		
5.	K9.43	K8.76	9.90	12.9	17.9	11.9	8.54	K18.9	K6.92	K12.7	K11.2	17.2	13.4	26.5		
6.	K11.7	K8.09	8.54	12.5	17.2	11.7	8.54	K12.7	K6.92	K13.8	K12.5	17.9	15.4	27.9		
7.	K10.6	K9.09	6.92	12.1	18.9	11.5	8.76	K10.8	K6.92	K15.0	K14.0	17.9	13.8	25.1		
8.	K10.4	K7.89	8.32	11.0	20.7	11.2	8.54	K9.21	K7.69	K13.6	K13.4	17.4	12.9	24.0		
9.	K9.90	K7.89	8.32	10.8	26.2	10.8	8.32	K8.76	K7.11	K11.9	K11.5	17.2	13.1	24.6		
10.	K9.90	K7.89	8.32	10.4	30.7	10.6	8.32	K8.76	K7.29	K12.1	K9.67	18.1	12.9	22.9		
11.	K10.4	K7.89	8.09	10.4	25.9	9.21	8.32	K8.76	K7.89	K19.1	K9.90	20.7	13.6	24.3		
12.	K9.90	K7.89	8.76	9.90	22.6	8.76	8.98	K8.54	K9.90	K35.4	K9.90	19.9	14.4	41.2		
13.	K9.43	K8.32	9.67	9.67	20.7	8.98	10.1	K8.32	K9.90	K25.1	K11.0	19.7	14.8	35.4		
14.	K8.98	K8.54	10.8	9.43	19.1	8.76	10.1	K7.89	K9.21	K20.2	K11.2	17.6	14.6	33.2		
15.	K9.21	K8.09	10.4	9.21	17.6	8.54	9.90	K7.69	K8.09	K17.9	K13.8	14.4	14.0	41.6		
16.	K8.98	K9.09	9.67	9.21	16.9	8.54	8.76	K7.89	K7.69	K19.1	K14.2	13.6	14.0	38.0		
17.	K9.90	K7.89	9.21	10.4	16.5	8.54	8.54	K7.89	K7.49	K29.1	K11.7	13.1	13.8	32.9		
18.	K10.6	K7.89	8.54	11.9	16.9	9.43	8.54	K7.89	K7.29	K21.2	K11.7	12.7	13.6	30.3		
19.	K14.0	K7.89	8.32	12.1	19.4	9.21	9.67	K7.11	K7.29	K21.8	K11.5	12.3	13.4	27.6		
20.	K14.4	K7.89	8.09	12.3	18.6	8.76	13.1	K7.11	K7.49	K19.1	K11.5	12.3	13.4	25.9		
21.	K14.0	K7.89	8.09	13.8	17.4	8.32	12.7	K6.92	K9.43	K17.6	K11.5	11.9	15.2	25.1		
22.	K13.4	K7.69	7.89	18.6	17.9	8.32	10.4	K6.92	K8.98	K18.4	K11.2	12.9	21.5	25.4		
23.	K12.5	K7.69	7.89	25.6	17.9	8.09	9.67	K8.76	K8.54	K18.1	K10.4	12.9	20.7	24.6		
24.	K11.5	K7.89	7.49	34.5	17.2	8.32	9.43	K8.98	K9.21	K17.6	K10.4	12.7	19.9	24.3		
25.	K10.6	K7.89	7.89	28.2	16.3	8.32	8.76	K7.29	K20.7	K16.5	K10.4	12.3	21.5	24.6		
26.	K10.6	K7.89	7.89	22.4	15.4	7.89	8.54	K7.11	K78.9	K15.8	K11.2	11.7	33.2	25.6		
27.	K10.4	K8.32	7.69	19.7	15.0	7.89	8.54	K6.92	K83.7	K20.5	K12.1	12.1	31.3	26.8		
28.	K10.8	K8.09	7.49	18.1	14.6	7.89	8.32	K6.92	K45.2	K16.3	K12.1	12.1	30.0	26.5		
29.	K9.90	K8.09	7.49	13.6	13.6	7.89	7.89	K7.11	K39.8	K15.0	K10.6	12.5	32.6	25.6		
30.	K9.67	K7.89	7.89	13.1	13.1	7.89	8.98	K8.76	K26.8	K13.1	K9.90	16.7	29.7	24.3		
31.		K7.89	8.54	12.9	12.9		9.21		K21.2	K12.9		15.2		24.3		
Tag	14+	22+	7.	3.	12.	26+	1+	21+	5+	9.	10.	1.	8+	3+		
NQ	8.98	7.69	6.92	8.76	31.9	7.89	7.89	6.92	6.92	11.9	9.67	10.4	12.9	22.4		
MQ	10.6	8.17	8.38	14.0	18.6	9.61	9.15	8.76	16.4	18.4	11.6	14.9	17.8	27.5		
HQ	15.2	9.90	12.1	37.6	33.8	14.2	14.4	22.1	96.3	38.3	15.2	21.0	35.4	50.9		
Tag	19.	3.	14.	24.	9.	2.	20.	4.	27.	12.	15.	11.	26.	12.		
h <sub>N</sub> mm	7	5	5	8	12	6	6	5	11	12	7	10	11	18		
h <sub>A</sub> mm	1922/2016						1923/2017		95 Kalenderjahre <sup>2</sup>							
Jahr	1949	1976	1954	1949	1963	1934	1977	1934	1976	1976	1976	1949	1949	1976		
NQ	3.32	3.45	4.44	5.04	5.82	5.52	4.40	3.94	3.15	2.85	2.50	3.44	3.32	3.45		
MNQ	10.9	12.1	14.0	16.2	18.0	18.4	14.4	12.1	9.57	8.96	8.64	9.02	10.8	12.0		
MQ	15.7	19.2	23.6	25.2	28.6	26.6	20.2	17.5	13.8	11.8	11.0	12.6	15.6	19.0		
MHQ	28.6	39.2	49.8	49.1	53.0	43.0	35.3	32.5	27.2	20.3	19.3	21.7	28.4	39.1		
HQ	124.	155	201	117	220	157	130	179	138	120	109	77.3	124	155		
Jahr	1998	2002	2003	1982	1947	1994	2013	2013	1956	1981	2007	2007	1998	2002		
Mh <sub>N</sub> mm	10	12	15	15	18	17	13	11	9	8	7	8	10	12		
Mh <sub>A</sub> mm																
Hauptwerte	Abflussjahr (*)		2017		Kalenderjahr		2017		Unter-		Unterschrittene Abflüsse m³/s					
	Jahr		Datum		Jahr		Datum		schrittungs-		Kalender-		1923/2017 95 Kalenderjahre <sup>2</sup>			
									dauer		Oberer		Mittlere		Untere	
									in Tagen		Hüllkurve		Werte		Hüllkurve	
											2017		2017			
	NQ	m³/s	6.92	am 07.01.2017	6.92	6.92	6.92	am 07.01.2017	364	83.7	83.7	196	98.8	98.8	19.4	
	MQ	m³/s	12.4		11.5	13.2	14.6		363	78.9	78.9	186	84.9	84.9	16.7	
	HQ	m³/s	96.3	am 27.07.2017 bei W = 436 cm	37.6	96.3	96.3		362	45.2	45.2	177	78.2	78.2	12.7	
	Nq	l/(skm²)	1.66		1.66	1.66	1.66		361	39.8	41.6	150	73.7	73.7	12.5	
	Mq	l/(skm²)	2.97		2.77	3.17	3.51		360	35.4	41.2	136	70.5	70.5	12.4	
	Hq	l/(skm²)	23.1		9.01	23.1	23.1		359	35.4	39.8	132	67.6	67.6	12.1	
	h <sub>N</sub>	mm							358	30.7	38.0	130	65.2	65.2	12.1	
	h <sub>A</sub>	mm	94		43	50	111		357	30.7	35.4	122	62.6	62.6	12.0	
									356	28.2	35.4	121	60.7	60.7	11.5	
									355	24.6	31.3	98.8	51.0	51.0	10.9	
								340	20.7	26.8	84.7	41.8	41.8	10.1		
								330	19.1	25.4	80.0	36.5	36.5	9.34		
								320	18.4	24.3	76.2	32.2	32.2	8.52		
								300	17.2	20.7	69.6	26.8	26.8	7.87		
								270	13.4	17.6	53.5	21.9	21.9	6.48		
								240	12.1	14.8	42.1	18.4	18.4	5.28		
								210	11.0	13.1	38.4	15.8	15.8	5.04		
								183	10.1	12.1	33.6	14.0	14.0	4.82		
								150	9.21	10.8	28.0	12.3	12.3	4.68		
								130	8.98	9.90	25.6	11.4	11.4	4.38		
								120	8.76	9.43	24.1	10.9	10.9	4.38		
								110	8.76	9.21	22.8	10.5	10.5	4.27		
								100	8.54	8.98	22.0	10.1	10.1	4.16		
								90	8.32	8.76	21.4	9.70	9.70	4.16		
								80	8.32	8.54	20.5	9.26	9.26	4.16		
								70	8.09	8.54	19.6	8.82	8.82	4.05		
								60	7.89	8.32	19.0	8.40	8.40	4.05		
								50	7.89	8.09	18.5	7.98	7.98	4.05		
								40	7.89	7.89	18.2	7.54	7.54	3.94		
								30	7.69	7.69	17.5	6.99	6.99	3.80		
								25	7.69	7.69	17.2	6.70	6.70	3.60		
								20	7.49	7.49	17.0	6.32	6.32	3.45		
								15	7.29	7.29	16.2	6.00	6.00	3.45		
								10	7.11	7.11	15.8	5.52	5.52	3.30		
								9	7.11	7.11	15.8	5.50	5.50	3.30		
								8	7.11	7.11	15.8	5.35	5.35	3.15		
								7	6.92	6.92	15.5	5.25	5.25	3.15		
								6	6.92	6.92	15.2	5.04	5.04	3.00		
								5	6.92	6.92	15.2	4.84	4.84	3.00		
								4	6.92	6.92	15.0	4.80	4.80	3.00		
								3	6.92	6.92	14.8	4.44	4.44	2.85		
								2	6.92	6.92	14.8	4.20	4.20	2.70		
								1	6.92	6.92	14.8	4.00	4.00	2.50		
								0	6.92	6.92	14.5	2.50	2.50	2.50		
Extremwerte	Niedrigwasser (n)				Hochwasser											
		m³/s	l/(skm²)	Datum	m³/s	l/(skm²)	cm	Datum								
	1	2.50	0.599	02.09.1976	220	52.7		16.03.1947								
	2	3.32	0.795	03.11.1949	201	48.2	506	04.01.2003								
	3	3.41	0.817	06.07.1934	198	47.4		28.03.1987								
	4	3.80	0.910	07.09.1991	179	42.9	448	01.06.2013								
	5	4.00	0.958	03.06.1977	157	37.6	378	14.04.1994								
	6	4.08	0.977	25.08.1935	157	37.6		02.01.1987								
	7	4.20	1.01	10.12.1948	146	35.0	452	09.01.2011								
	8	4.38	1.05	17.12.1933	146	35.0										



A<sub>E0</sub> : 174.70 km<sup>2</sup>  
 PNP : NHH+ 293.58 m  
 Lage : 45.20 km oberhalb der Mündung links



Pegel : Arnstadt Nr. 574200  
 Gewässer: Gera  
 Gebiet : Unstrut

	Tag	2016		2017												
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
Tageswerte	1.	1.64	0.970	0.970	0.760	4.18	1.36	K 1.09	K 0.760	K 0.490	K 1.50	K 1.36	K 1.22	K 3.20	K 3.77	
	2.	1.64	0.860	0.970	0.760	4.18	1.36	K 1.09	K 0.660	K 0.490	K 1.36	K 1.36	K 1.22	K 2.84	K 3.39	
	3.	1.36	0.860	0.970	0.860	3.02	1.36	K 1.22	K 0.660	K 0.490	K 1.22	K 1.22	K 1.50	K 2.66	K 3.02	
	4.	1.36	0.860	0.860	1.22	2.84	1.22	K 1.22	K 0.760	K 0.490	K 1.22	K 1.22	K 1.64	K 2.30	K 3.02	
	5.	1.36	0.860	0.860	1.09	2.66	1.22	K 1.09	K 0.760	K 0.430	K 1.09	K 1.09	K 1.64	K 2.30	K 2.84	
	6.	1.50	0.860	0.760	1.22	2.48	1.22	K 1.09	K 0.660	K 0.430	K 0.970	K 1.09	K 1.79	K 2.30	K 2.66	
	7.	1.36	0.860	0.570	1.22	2.66	1.09	K 0.970	K 0.760	K 0.430	K 0.970	K 1.09	K 1.79	K 2.12	K 2.48	
	8.	1.36	0.860	0.570	1.22	2.84	1.09	K 0.970	K 0.660	K 0.430	K 0.860	K 1.09	K 2.48	K 1.95	K 2.66	
	9.	1.36	0.860	0.660	1.09	3.02	1.09	K 0.970	K 0.660	K 0.430	K 0.970	K 1.09	K 3.20	K 1.95	K 2.48	
	10.	1.22	0.860	0.660	1.09	3.20	1.09	K 0.970	K 0.660	K 0.490	K 1.09	K 1.09	K 3.02	K 1.64	K 2.48	
	11.	1.22	0.860	0.660	1.09	3.02	0.970	K 0.970	K 0.660	K 0.430	K 2.48	K 0.970	K 2.84	K 1.79	K 3.02	
	12.	1.09	0.860	0.660	1.09	2.84	0.970	K 0.970	K 0.660	K 0.430	K 2.30	K 0.970	K 2.66	K 1.79	K 3.97	
	13.	1.09	0.860	0.760	0.970	2.66	0.970	K 0.970	K 0.570	K 0.490	K 2.12	K 1.22	K 2.48	K 1.79	K 4.18	
	14.	1.09	0.860	0.760	0.970	2.30	0.970	K 0.970	K 0.490	K 0.430	K 1.95	K 1.50	K 2.30	K 1.79	K 4.39	
	15.	1.09	0.860	0.760	0.970	2.12	0.970	K 0.760	K 0.570	K 0.430	K 1.95	K 2.12	K 2.12	K 1.79	K 4.39	
	16.	1.09	0.860	0.760	0.970	1.95	0.970	K 0.660	K 0.570	K 0.430	K 2.12	K 2.12	K 2.12	K 1.79	K 3.97	
	17.	0.860	0.860	0.760	1.22	1.95	0.970	K 0.660	K 0.570	K 0.430	K 1.79	K 1.95	K 1.79	K 1.50	K 3.58	
	18.	1.79	0.860	0.760	1.36	2.12	1.22	K 0.660	K 0.570	K 0.430	K 1.79	K 1.79	K 1.79	K 1.36	K 3.02	
	19.	3.77	0.860	0.660	1.36	2.48	1.22	K 0.970	K 0.570	K 0.430	K 1.79	K 1.64	K 1.79	K 1.36	K 2.84	
	20.	3.77	0.860	0.570	1.36	2.48	1.36	K 1.22	K 0.570	K 0.490	K 1.50	K 1.50	K 1.64	K 1.36	K 2.66	
	21.	3.39	0.860	0.660	1.95	2.66	1.36	K 0.970	K 0.570	K 0.570	K 1.50	K 1.36	K 1.79	K 1.50	K 2.48	
	22.	3.02	0.860	0.660	3.97	3.58	1.36	K 0.860	K 0.660	K 0.570	K 1.36	K 1.22	K 1.64	K 2.66	K 2.66	
	23.	1.79	0.860	0.570	5.92	3.39	1.36	K 0.860	K 0.860	K 0.490	K 1.50	K 1.22	K 1.50	K 3.02	K 2.66	
	24.	1.36	0.860	0.660	5.70	3.02	1.22	K 0.760	K 0.660	K 0.430	K 1.36	K 1.09	K 1.50	K 3.02	K 3.02	
	25.	1.09	0.860	0.660	4.82	2.84	1.22	K 0.760	K 0.660	K 1.36	K 1.36	K 1.09	K 1.50	K 4.18	K 3.77	
	26.	0.860	0.860	0.570	4.60	2.66	1.22	K 0.760	K 0.490	K 3.77	K 1.79	K 1.09	K 1.50	K 5.26	K 4.18	
	27.	0.860	0.860	0.570	4.18	2.30	1.22	K 0.760	K 0.490	K 3.77	K 1.79	K 1.09	K 1.50	K 4.82	K 4.18	
	28.	0.860	0.860	0.570	3.58	1.79	1.22	K 0.760	K 0.490	K 3.77	K 1.64	K 1.09	K 1.50	K 5.04	K 3.97	
	29.	0.860	0.860	0.570	1.79	1.79	1.22	K 0.860	K 0.490	K 3.02	K 1.64	K 0.970	K 3.20	K 4.82	K 3.58	
	30.	0.860	0.860	0.570	1.64	1.64	1.22	K 0.760	K 0.490	K 2.48	K 1.50	K 0.970	K 4.18	K 4.39	K 3.39	
	31.	0.860	0.860	0.760	1.50	1.50	1.22	K 0.760	K 0.490	K 1.79	K 1.50	K 0.970	K 3.58	K 4.39	K 3.39	
Tag	17.+	2.+	7.+	1.+	31.	11.+	16.+	14.+	5.+	8.	11.+	1.+	18.+	7.+		
NQ	0.860	0.860	0.570	0.760	1.50	0.970	0.660	0.490	0.430	0.860	0.970	1.22	1.36	2.48		
MQ	1.53	0.864	0.703	2.02	2.65	1.18	0.915	0.625	1.00	1.55	1.29	2.08	2.61	3.29		
HQ	5.48	0.970	1.09	6.61	4.82	1.36	2.30	1.22	5.04	3.39	2.30	5.48	5.92	5.04		
Tag	19.	1.	1.	23.	1.	18.	19.	22.	26.	11.	15.	29.	26.	14.		
h <sub>N</sub> mm	23	13	11	28	41	18	14	9	15	24	19	32	39	50		
h <sub>A</sub> mm	1924/2016		1925/2017 93 Kalenderjahre <sup>2</sup>													
Jahr	1948	1948	1949	1949	1963	2014	2012	2003	1949	1964	1964	1964	1948	1948		
NQ	0.250	0.210	0.210	0.310	0.330	0.490	0.490	0.430	0.340	0.250	0.250	0.330	0.250	0.210		
MNQ	1.16	1.33	1.46	1.64	1.78	2.23	1.56	1.21	0.971	0.877	0.813	0.911	1.17	1.35		
MQ	2.19	2.70	2.98	2.89	3.27	3.76	2.42	1.95	1.47	1.29	1.25	1.54	2.18	2.73		
MHQ	5.88	7.23	8.02	6.64	7.39	7.75	4.74	4.51	3.47	3.57	2.78	3.64	5.73	7.28		
HQ	50.0	34.5	32.1	27.2	28.5	58.9	23.1	33.1	14.0	75.7	16.6	16.0	50.0	34.5		
Jahr	1940	1939	1993	2002	1981	1994	2013	2013	1955	1981	2007	1954	1940	1939		
Mh <sub>N</sub> mm	33	41	46	40	50	56	37	29	23	20	18	24	32	42		
Mh <sub>A</sub> mm																
Hauptwerte			Abflussjahr (*) 2017				Kalenderjahr 2017		Unterschnittene Abflüsse m³/s							
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Abfluss-jahr (*) 2017	Kalender-jahr 2017	1925/2017 93 Kalenderjahre <sup>2</sup>	Mittlere Werte	Untere Hüllkurve					
	NQ m³/s	0.430 am 05.07.2017	0.570	0.430	0.430	am 05.07.2017	364	5.92	5.92	45.6	14.7	4.05				
	MQ m³/s	1.36	1.48	1.25	1.66	am 05.07.2017	363	5.70	5.70	36.4	12.2	3.90				
	HQ m³/s	6.61 am 23.02.2017 bei W = 57.0 cm	6.61	5.48	6.61	am 23.02.2017 bei W = 57.0 cm	362	4.82	5.26	27.2	10.7	3.52				
	Nq l/(skm²)	2.46	3.26	2.46	2.46		361	4.60	5.04	26.2	9.83	3.45				
	Mq l/(skm²)	7.81	8.50	7.13	9.50		360	4.18	4.82	20.5	9.28	3.14				
	Hq l/(skm²)	37.8	37.8	31.4	37.8		359	4.18	4.82	20.1	8.83	3.14				
	h <sub>N</sub> mm						358	4.18	4.82	16.3	8.42	2.99				
	h <sub>A</sub> mm	246	133	113	300		357	4.18	4.60	15.6	8.14	2.84				
			1925/2017 (*) 93 Jahre <sup>2</sup>													
			1925/2017													
	NQ m³/s	0.210 am 27.12.1948	0.210	0.250	0.210	am 27.12.1948	210	1.22	1.50	3.86	1.91	0.970				
	MNQ m³/s	0.654	0.905	0.697	0.659		183	1.09	1.22	3.41	1.64	0.840				
	MQ m³/s	2.30	2.97	1.65	2.31		150	0.970	1.09	2.84	1.40	0.720				
	MHQ m³/s	16.4	14.9	8.29	16.2		130	0.860	0.970	2.57	1.28	0.610				
	HQ m³/s	75.7 am 10.08.1981	58.9	75.7	75.7	am 10.08.1981	120	0.860	0.970	2.57	1.22	0.610				
	HQ <sub>1</sub> m³/s						110	0.860	0.970	2.37	1.15	0.570				
	HQ <sub>5</sub> m³/s						100	0.860	0.970	2.18	1.09	0.510				
	90						90	0.760	0.760	1.99	1.07	0.420				
80						80	0.760	0.760	1.95	0.980	0.420					
70						70	0.760	0.760	1.79	0.970	0.420					
60						60	0.660	0.660	1.79	0.860	0.420					
50						50	0.660	0.660	1.64	0.860	0.410					
40						40	0.570	0.570	1.64	0.760	0.330					
30						30	0.570	0.570	1.64	0.690	0.330					
25						25	0.490	0.490	1.50	0.660	0.330					
20						20	0.490	0.490	1.50	0.650	0.330					
15						15	0.490	0.490	1.50	0.570	0.310					
10						10	0.430	0.430	1.36	0.520	0.260					
9						9	0.430	0.430	1.36	0.510	0.260					
8						8	0.430	0.430	1.36	0.490	0.260					
7						7	0.430	0.430	1.36	0.490	0.260					
6						6	0.430	0.430	1.36	0.490	0.260					
5						5	0.430	0.430	1.36	0.460	0.260					
4						4	0.430	0.430	1.36	0.430	0.250					
3						3	0.430	0.430	1.36	0.420	0.250					
2						2	0.430	0.430	1.36	0.400	0.250					
1						1	0.430	0.430	1.36	0.330	0.230					
0						0	0.430	0.430	1.22	0.210	0.210					

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 245 Tage Verkrautung  
<sup>2</sup>Vorsicht: 4.3% Lücken im Zeitraum 1925/2017  
<sup>2</sup>Ausgefallene Abflussjahre: 1945, 1946, 1947, 1948

A<sub>Eo</sub> : 842.80 km<sup>2</sup>  
 PNP :NHN+ 213.16 m  
 Lage : 29.70 km oberhalb der Mündung rechts



m<sup>3</sup>/s

Pegel : Erfurt-Möbisburg Nr. 574210  
 Gewässer: Gera  
 Gebiet : Unstrut

Tag	2016		2017													
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
1.	3.22	1.67	1.45	1.96	5.87	3.52	K 1.79	1.45	1.38	6.17	3.22	2.64	6.66	10.3		
2.	2.92	1.79	1.45	1.79	6.47	3.53	K 2.38	1.45	1.38	4.71	2.92	2.38	5.67	9.26		
3.	2.92	1.79	1.45	1.79	5.87	3.22	K 2.38	1.67	1.32	4.71	2.64	4.14	5.42	8.46		
4.	2.64	1.67	1.59	2.38	5.58	K 2.64	K 2.15	4.42	1.19	3.52	2.64	4.14	4.94	8.20		
5.	2.92	1.52	1.59	3.52	5.28	K 2.64	K 2.15	2.64	1.13	5.87	K 2.44	4.14	4.71	7.94		
6.	2.92	1.38	1.79	3.52	5.77	K 2.64	K 2.15	2.15	1.13	4.42	2.38	4.42	4.71	7.42		
7.	2.64	1.38	2.38	2.92	6.77	K 2.38	K 1.96	2.38	1.13	2.15	2.38	4.42	4.01	6.66		
8.	2.64	1.38	1.59	2.64	6.77	K 2.38	K 1.96	1.67	1.08	1.79	2.15	6.47	4.01	6.91		
9.	2.64	1.38	1.59	2.38	10.1	K 2.15	K 1.96	1.52	1.08	1.79	2.15	7.66	4.01	6.91		
10.	2.64	1.38	1.52	2.38	8.85	K 2.15	K 1.96	1.59	2.15	2.92	2.15	7.37	3.56	6.66		
11.	2.64	1.38	1.52	2.38	7.95	K 2.15	K 1.79	1.52	1.96	11.4	2.15	6.47	4.01	8.20		
12.	2.64	1.45	1.59	2.38	7.37	K 2.15	K 2.15	1.45	K 1.67	9.45	1.96	6.17	4.24	10.3		
13.	2.64	1.45	1.79	2.15	6.47	K 2.15	K 2.38	1.38	K 1.67	7.66	2.15	5.28	4.47	9.80		
14.	2.38	1.45	1.67	2.15	5.28	K 1.96	K 2.15	1.32	K 1.52	6.77	2.92	5.28	4.24	11.4		
15.	2.15	1.38	1.67	1.96	5.28	K 2.15	K 1.96	1.32	K 1.52	5.87	4.71	4.42	4.24	11.4		
16.	2.64	1.38	1.59	1.79	4.71	K 2.15	K 1.67	1.38	K 1.45	9.45	4.14	4.42	4.24	10.3		
17.	2.92	1.38	1.52	2.38	4.71	K 2.64	K 1.67	1.38	K 1.38	7.66	3.52	4.14	4.24	9.26		
18.	4.99	1.38	1.52	2.64	5.58	K 3.22	K 1.67	1.38	K 1.38	6.17	3.22	3.83	4.01	8.46		
19.	6.77	1.38	1.38	2.92	7.07	3.22	K 3.52	1.32	K 1.32	6.17	2.92	3.52	4.01	7.42		
20.	7.66	1.38	1.59	3.22	6.47	2.64	K 4.71	1.25	K 2.92	5.58	2.92	3.52	4.01	7.17		
21.	7.07	1.38	1.45	5.28	6.47	2.38	K 2.38	1.13	K 1.92	5.28	2.92	3.52	4.71	6.91		
22.	6.17	1.38	1.38	8.55	7.95	2.38	K 2.15	1.19	K 1.52	5.28	2.64	3.83	6.41	7.42		
23.	4.71	1.38	1.52	13.7	7.66	2.38	K 1.79	1.59	K 1.52	4.42	2.38	4.42	7.68	7.17		
24.	3.52	1.38	R 1.32	12.3	7.07	2.38	K 1.67	1.32	K 1.67	3.83	2.38	3.83	7.68	7.68		
25.	2.92	1.38	1.45	9.75	6.17	2.15	K 1.59	1.19	K 1.4	3.22	2.92	3.22	11.7	8.99		
26.	2.64	1.45	1.45	8.25	6.17	2.15	K 1.52	1.13	K 23.5	7.07	2.92	3.22	14.8	9.80		
27.	2.64	1.52	1.38	7.07	5.58	2.15	K 1.45	1.13	21.0	5.28	2.64	4.14	13.4	9.80		
28.	2.38	1.45	1.45	6.17	4.14	2.15	K 1.45	1.32	15.2	4.42	2.64	3.52	14.6	9.80		
29.	1.96	1.45	1.45	3.52	1.96	1.96	K 1.45	1.59	12.0	3.83	2.38	6.47	13.4	9.80		
30.	1.79	1.45	1.52	3.52	1.96	1.96	K 1.59	1.45	8.85	3.22	2.15	8.85	12.0	8.46		
31.		1.45	2.38	3.83			K 1.52		6.77	3.22		8.25		8.46		
Tag	30.	6.+	24.	2.+	29.+	14.+	27.+	21.+	8.+	8.+	12.	2.	10.	7.+		
NQ	1.79	1.38	1.32	1.79	3.52	1.96	1.45	1.13	1.08	1.79	1.96	2.38	3.56	6.66		
MQ	3.38	1.45	1.58	4.33	6.13	2.47	2.03	1.59	4.35	5.27	2.74	4.78	6.53	8.60		
HQ	7.95	2.64	7.66	15.5	11.0	3.83	8.85	9.15	34.8	15.9	7.66	9.75	15.1	12.3		
Tag	19.	2.	20.	23.	9.	1.	20.	4.	26.	11.	25.	29.	25.	14.		
h <sub>N</sub> mm	10	5	5	12	19	8	6	5	14	17	8	15	20	27		
h <sub>A</sub> mm																
	1930/2016		1931/2017 87 Kalenderjahre													
Jahr	1949	1991	1963	1963	1963	2014	2014	1976	1959	1964	1959	1959	1949	1991		
NQ	0.780	0.760	0.810	0.730	0.810	1.59	1.02	0.750	0.600	0.560	0.480	0.480	0.780	0.760		
MNQ	2.60	3.03	3.37	3.90	4.49	5.08	3.50	2.71	2.16	1.90	1.82	2.01	2.60	3.08		
MQ	4.95	6.53	7.50	7.78	8.86	9.14	5.83	4.90	3.60	3.10	2.86	3.47	4.90	6.58		
MHQ	14.2	19.5	23.5	20.9	24.2	22.3	15.6	17.4	10.9	10.7	7.45	8.26	14.0	19.5		
HQ	114	133	122	166	133	220	197	199	66.3	176	75.6	57.6	114	133		
Jahr	1940	1947	2011	1946	1942	1994	2013	2013	1956	1981	2007	1960	1940	1947		
Mh <sub>N</sub> mm	15	21	24	23	28	28	19	15	11	10	9	11	15	21		
Mh <sub>A</sub> mm																
	Abflussjahr (*) 2017		Kalenderjahr 2017		Dauertabelle											
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Unter-schreitungs-dauer in Tagen		Unterschrittene Abflüsse m <sup>3</sup> /s							
							Abfluss-jahr (*) 2017	Kalender-jahr 2017	1931/2017 87 Kalenderjahre							
									Obere Hüllkurve	Mittlere Werte	Untere Hüllkurve					
NQ	m <sup>3</sup> /s	1.08	am 08.07.2017	1.32	1.08	1.08	am 08.07.2017	364	23.5	23.5	42.8	12.3				
MQ	m <sup>3</sup> /s	3.34		3.21	3.47	4.21		363	21.0	21.0	114	35.0	8.42			
HQ	m <sup>3</sup> /s	34.8	am 26.07.2017 bei W = 159 cm	15.5	34.8	34.8	am 26.07.2017 bei W = 159 cm	362	15.2	15.2	91.8	30.8	8.09			
Nq	l/(skm <sup>2</sup> )	1.28		1.57	1.28	1.28		361	13.7	14.8	77.4	27.9	7.76			
Mq	l/(skm <sup>2</sup> )	3.97		3.81	4.12	4.99		360	12.3	14.6	71.0	26.0	7.43			
Hq	l/(skm <sup>2</sup> )	41.3		18.4	41.3	41.3		359	12.0	13.7	68.4	24.6	7.10			
h <sub>N</sub> mm								358	11.4	13.4	65.9	23.5	6.84			
h <sub>A</sub> mm								357	11.4	13.4	61.8	22.5	6.57			
								356	10.1	12.3	59.7	21.5	6.57			
								355	8.85	11.4	46.4	18.1	5.78			
								340	7.66	9.80	29.6	14.3	5.25			
								330	6.77	8.55	23.9	12.2	4.40			
								320	6.17	7.95	22.2	10.6	3.42			
								300	5.28	6.91	19.4	8.50	2.91			
								270	3.83	5.58	14.7	6.62	2.48			
								240	3.22	4.42	12.3	5.25	2.22			
								210	2.64	3.83	10.8	4.30	2.09			
NQ	m <sup>3</sup> /s	0.480	am 24.09.1959	0.730	0.480	0.480	am 24.09.1959	183	2.38	2.92	10.0	3.70	1.62			
MNQ	m <sup>3</sup> /s	1.35		2.00	1.53	1.47		150	2.15	2.38	8.30	3.09	1.32			
MQ	m <sup>3</sup> /s	5.70		7.46	3.96	5.70		130	1.96	2.15	7.28	2.75	1.18			
MHQ	m <sup>3</sup> /s	54.3		45.7	29.3	54.2		120	1.79	2.15	7.28	2.60	1.06			
HQ	m <sup>3</sup> /s	220	am 13.04.1994 bei W = 414 cm	220	199	220	am 13.04.1994 bei W = 414 cm	110	1.67	2.15	6.94	2.47	1.06			
HQ <sub>1</sub>	m <sup>3</sup> /s							100	1.59	1.96	6.94	2.32	1.01			
HQ <sub>5</sub>	m <sup>3</sup> /s							90	1.59	1.79	6.94	2.18	0.940			
								80	1.52	1.67	6.60	2.09	0.900			
								70	1.45	1.59	6.60	1.96	0.840			
MNq	l/(skm <sup>2</sup> )	1.61		2.37	1.82	1.75		60	1.45	1.52	6.02	1.85	0.820			
Mq	l/(skm <sup>2</sup> )	6.76		8.85	4.70	6.76		50	1.45	1.52	6.02	1.70	0.820			
MHq	l/(skm <sup>2</sup> )	64.4		54.2	34.8	64.3		40	1.38	1.45	5.73	1.60	0.680			
Mh <sub>N</sub> mm								30	1.38	1.38	5.44	1.46	0.600			
Mh <sub>A</sub> mm								25	1.38	1.38	5.44	1.42	0.560			
								20	1.38	1.38	5.15	1.32	0.560			
								15	1.32	1.32	5.15	1.23	0.520			
								10	1.19	1.19	5.15	1.10	0.520			
								9	1.19	1.19	5.15	1.08	0.520			
								8	1.19	1.19	4.86	1.03	0.480			
								7	1.13	1.13	4.86	1.03	0.480			
								6	1.13	1.13	4.86	0.970	0.480			
								5	1.13	1.13	4.86	0.940	0.480			



A<sub>E0</sub> : 318.00 km<sup>2</sup>  
 PNP :NHN+ 213.89 m  
 Lage : 58.30 km oberhalb der Mündung links



Pegel : Wipperdorf Nr. 575210  
 Gewässer: Wipper  
 Gebiet : Unstrut

Tag	2016		2017												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	0.620	0.920	1.13	1.24	3.90	K 1.73	K 1.35	K 0.330	K 0.820	K 8.78	K 1.60	K 1.24	1.47	3.90	
2.	0.620	1.02	1.13	1.13	3.90	K 2.45	K 1.73	K 0.270	K 0.920	K 5.71	K 1.73	K 0.920	1.47	3.50	
3.	0.720	1.02	1.13	1.73	3.90	K 1.87	K 1.47	K 0.920	K 0.820	K 4.50	K 1.73	K 1.15	1.47	3.50	
4.	0.620	0.820	1.87	3.50	3.31	K 1.73	K 1.24	K 1.13	K 0.820	K 3.70	K 1.60	K 1.47	1.35	1.10	
5.	0.720	0.820	1.60	2.61	2.78	K 1.73	K 1.24	K 0.540	K 0.820	K 3.31	K 1.47	K 1.73	1.60	6.76	
6.	0.720	0.820	RRR 1.24	2.15	2.95	K 1.73	K 1.24	K 0.540	K 0.720	K 2.61	K 1.35	K 2.30	1.60	5.30	
7.	0.720	0.720	RRR 1.13	1.73	3.70	K 1.73	K 1.24	K 0.540	K 0.620	K 2.30	K 1.35	K 2.15	1.47	4.90	
8.	0.820	0.720	RRR 1.13	1.47	3.50	K 1.73	K 1.24	K 0.540	K 0.620	K 2.15	K 1.24	K 2.30	1.24	4.90	
9.	0.720	0.820	0.920	1.24	7.20	K 1.87	K 1.24	K 0.540	K 0.720	K 1.87	K 1.24	K 2.15	1.24	4.50	
10.	0.920	0.820	0.920	1.13	6.13	K 1.87	K 1.24	K 0.540	K 1.13	K 1.87	K 1.35	K 2.30	1.35	3.90	
11.	1.13	0.820	0.820	1.02	4.70	K 1.87	K 1.24	K 0.540	K 0.920	K 3.13	K 1.13	K 2.15	2.01	5.92	
12.	0.920	1.02	1.13	1.02	4.10	K 2.01	K 1.13	K 0.460	K 0.920	K 3.70	K 1.13	K 1.87	2.30	7.20	
13.	0.820	1.13	1.47	1.02	3.50	K 2.45	K 1.02	K 0.540	K 1.13	K 2.45	K 1.13	K 1.60	2.01	5.30	
14.	0.720	1.13	1.47	1.02	2.95	K 1.87	K 1.24	K 0.540	K 0.720	K 2.15	K 1.13	K 1.47	1.73	6.98	
15.	0.720	1.02	1.24	0.920	2.78	K 1.73	K 0.920	K 0.620	K 0.820	K 1.87	K 1.24	K 1.24	1.73	6.55	
16.	0.920	1.02	1.24	1.02	2.45	K 1.73	K 0.820	K 0.820	K 0.540	K 2.30	K 1.13	K 1.24	1.73	5.92	
17.	1.13	1.02	1.13	1.47	2.45	K 1.87	K 0.720	K 0.720	K 0.720	K 2.01	K 1.13	K 1.24	1.73	5.10	
18.	1.87	1.02	1.02	1.47	2.78	K 1.60	K 0.620	K 0.820	K 0.620	K 2.45	K 1.02	K 1.13	1.47	4.70	
19.	1.87	1.13	1.02	1.47	2.78	K 1.60	K 0.820	K 0.820	K 0.620	K 4.30	K 1.02	K 1.02	1.60	4.10	
20.	1.47	1.13	1.02	1.73	2.61	K 1.47	K 1.02	K 0.720	K 1.24	K 2.95	K 0.920	K 0.920	1.60	3.70	
21.	1.35	1.02	0.920	3.70	2.30	K 1.47	K 0.540	K 0.720	K 0.720	K 2.45	K 0.920	K 0.920	5.50	3.70	
22.	1.24	1.02	0.820	3.31	K 2.15	K 1.60	K 0.540	K 1.35	K 0.820	K 2.01	K 0.820	K 0.920	5.71	3.70	
23.	1.13	1.02	0.820	8.33	K 2.15	K 1.60	K 0.540	K 1.60	K 1.60	K 2.01	K 0.820	K 0.920	3.70	3.50	
24.	1.13	1.13	0.820	5.92	K 2.01	K 1.60	K 0.540	K 0.720	K 1.24	K 2.01	K 0.820	K 1.13	3.31	3.50	
25.	1.13	1.13	0.820	4.30	K 1.73	K 1.60	K 0.540	K 0.720	K 19.4	K 1.87	K 0.920	K 1.02	6.55	3.50	
26.	1.02	1.24	0.820	3.50	K 1.73	K 1.60	K 0.460	K 0.720	K 26.6	K 2.15	K 0.920	K 0.920	6.55	3.50	
27.	1.02	1.35	0.820	2.78	K 1.73	K 1.47	K 0.390	K 0.720	K 15.2	K 2.01	K 0.720	K 0.920	5.10	3.50	
28.	1.02	1.24	0.920	2.78	K 1.60	K 1.47	K 0.390	K 1.02	K 11.6	K 1.73	K 0.720	K 0.920	5.92	3.13	
29.	1.02	1.24	0.920	K 1.60	K 1.35	K 0.390	K 1.02	K 7.87	K 1.60	K 1.60	K 0.720	K 1.87	5.10	2.78	
30.	0.920	1.13	0.920	K 1.60	K 1.35	K 0.390	K 0.920	K 5.92	K 1.60	K 1.02	K 1.47	4.50	2.78	2.78	
31.	1.47	1.13	1.47	K 1.60	K 1.60	K 0.460	K 0.460	K 4.70	K 1.73	K 1.73	K 1.35	K 1.35	3.50	3.50	
Tag	1+	7+	11+	15.	28+	29+	27+	2.	16.	29+	27+	2+	8+	29+	
NQ	0.620	0.720	0.820	0.920	1.60	1.35	0.390	0.270	0.540	1.60	0.720	0.920	1.24	2.78	
MQ	0.992	1.02	1.09	2.31	2.99	1.73	0.902	0.730	3.61	2.75	1.13	1.45	2.80	4.48	
HQ	2.61	1.47	2.01	9.00	8.56	4.70	2.45	6.34	31.8	14.0	2.30	3.31	9.80	10.6	
Tag	18.	26.	7.	23.	9.	2.	2.	22.	26.	1.	2.	3.	25.	11.	
h <sub>N</sub> mm	8	9	9	18	25	14	8	6	30	23	9	12	23	38	
h <sub>A</sub> mm	1948/2016			1949/2017 69 Kalenderjahre											
Jahr	1953	1953	1954	1954	1959	1959	1954	1954	1959	1953	1959	1953	1953	1953	
NQ	0.160	0.120	0.380	0.380	0.430	0.330	0.080	0.140	0.140	0.180	0.120	0.140	0.160	0.120	
MNQ	0.898	1.20	1.49	1.75	1.97	2.15	1.46	1.13	0.883	0.782	0.713	0.767	0.907	1.23	
MQ	1.59	2.53	3.27	3.45	3.81	3.23	2.30	1.82	1.51	1.15	1.02	1.17	1.62	2.59	
MHQ	5.25	9.66	12.9	12.8	12.3	9.60	6.60	7.35	6.75	3.73	3.44	3.55	5.36	9.80	
HQ	44.6	49.5	47.3	55.0	70.0	106.9	33.5	47.3	98.0	17.5	37.2	23.6	44.6	49.5	
Jahr	1998	1988	2003	1970	1956	1983	1971	1975	1956	1981	2007	1998	1998	1988	
Mh <sub>N</sub> mm	13	21	28	26	32	26	19	15	13	10	8	10	13	22	
Mh <sub>A</sub> mm															
Hauptwerte	Abflussjahr (*) 2017				Kalenderjahr 2017				Unterschnittene Abflüsse m³/s						
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschreitungs-dauer in Tagen	Abfluss-jahr (*) 2017	Kalender-jahr 2017	1949/2017 69 Kalenderjahre					
NQ	m³/s	0.270 am 02.06.2017	0.620	0.270	0.270	am 02.06.2017	364	26.6	26.6	95.0	19.4	5.62	19.4	4.10	
MQ	m³/s	1.73	1.68	1.77	2.17	363	19.4	19.4	38.6	15.4	3.90	15.4	3.90	3.90	
HQ	m³/s	31.8 am 26.07.2017 bei W = 181 cm	9.00	31.8	31.8	am 26.07.2017 bei W = 181 cm	362	15.2	15.2	32.8	12.0	3.50	12.0	3.50	
Nq	l/(skm²)	0.849	1.95	0.849	0.849	361	11.6	11.6	26.4	11.1	3.50	11.1	3.50	3.50	
Mq	l/(skm²)	5.43	5.29	5.57	6.82	360	8.78	8.78	25.6	10.2	3.50	10.2	3.50	3.50	
Hq	l/(skm²)	100	28.3	100	100	359	8.33	8.33	23.8	9.60	3.31	9.60	3.31	3.31	
h <sub>N</sub> mm						358	7.87	7.87	23.6	8.98	3.13	8.98	3.13	3.13	
h <sub>A</sub> mm						357	7.20	7.20	23.2	8.50	2.98	8.50	2.98	2.98	
						356	6.13	7.20	20.0	8.50	2.98	8.50	2.98	2.98	
						355	4.50	6.13	15.4	6.76	2.30	6.76	2.30	2.30	
						340	3.70	5.30	10.5	5.30	1.90	5.30	1.90	1.90	
						330	2.95	4.50	9.12	4.50	1.58	4.50	1.58	1.58	
						320	2.61	3.90	8.50	3.90	1.34	3.90	1.34	1.34	
						300	2.15	3.50	7.03	3.19	1.11	3.19	1.11	1.11	
						270	1.73	2.30	5.56	2.47	0.910	2.47	0.910	0.910	
						240	1.60	1.87	4.68	2.05	0.730	2.05	0.730	0.730	
						210	1.35	1.73	3.78	1.73	0.640	1.73	0.640	0.640	
						183	1.24	1.47	3.50	1.47	0.550	1.47	0.550	0.550	
						150	1.13	1.24	2.86	1.24	0.490	1.24	0.490	0.490	
						130	1.02	1.24	2.54	1.13	0.430	1.13	0.430	0.430	
						120	1.02	1.13	2.38	1.02	0.390	1.02	0.390	0.390	
						110	0.920	1.13	2.22	1.02	0.380	1.02	0.380	0.380	
						100	0.920	1.02	2.15	0.920	0.380	0.920	0.380	0.380	
						90	0.920	0.920	2.15	0.920	0.330	0.920	0.330	0.330	
						80	0.820	0.920	2.05	0.860	0.330	0.860	0.330	0.330	
						70	0.820	0.920	1.95	0.820	0.280	0.820	0.280	0.280	
						60	0.820	0.820	1.95	0.800	0.280	0.800	0.280	0.280	
						50	0.720	0.820	1.95	0.730	0.250	0.730	0.250	0.250	
						40	0.720	0.720	1.85	0.720	0.250	0.720	0.250	0.250	
						30	0.620	0.720	1.85	0.650	0.220	0.650	0.220	0.220	
						25	0.620	0.620	1.85	0.620	0.220	0.620	0.220	0.220	
						20	0.540	0.540	1.85	0.610	0.220	0.610	0.220	0.220	
						15	0.540	0.540	1.75	0.540	0.200	0.540	0.200	0.200	
						10	0.540	0.540	1.75	0.500	0.200	0.500	0.200	0.200	
						9	0.540	0.540	1.65	0.500	0.180	0.500	0.180	0.180	
						8	0.460	0.460	1.65	0.460	0.180	0.460	0.180	0.180	
						7	0.460	0.460	1.65	0.450	0.160	0.450	0.		

A<sub>E0</sub> : 524.00 km<sup>2</sup>  
 PNP : NHH+ 172.99 m  
 Lage : 29.40 km oberhalb der Mündung links



m<sup>3</sup>/s

Pegel : Hachelbich Nr. 575240  
 Gewässer: Wipper  
 Gebiet : Unstrut

Tag	2016			2017											
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	K 1.00	1.00	1.20	1.68	4.36	K 2.21	K 1.56	K 1.09	K 1.09	K 9.15	K 2.21	K 1.92	1.68	K 4.70	
2.	K 1.00	1.09	1.20	1.43	5.07	K 2.61	K 1.68	K 1.00	K 1.09	K 7.74	K 2.05	K 1.68	1.68	K 4.70	
3.	K 1.00	1.09	1.20	1.56	5.07	K 2.21	K 1.92	K 1.09	K 1.09	K 5.44	K 2.21	K 2.21	1.68	K 4.01	
4.	K 1.00	1.09	1.68	2.40	4.36	K 2.05	K 1.68	K 2.21	K 1.09	K 4.70	K 1.80	K 2.05	1.56	K 4.70	
5.	K 1.00	1.00	1.80	2.61	4.01	K 2.05	K 1.43	K 1.43	K 1.09	K 4.36	K 1.80	K 1.92	1.80	K 8.11	
6.	K 1.09	1.00	1.56	2.21	3.69	K 1.92	K 1.43	K 1.09	K 1.00	K 3.69	K 1.80	K 2.40	2.05	K 6.59	
7.	K 1.09	1.00	R 1.56	1.92	4.01	K 1.92	K 1.31	K 1.09	K 0.925	K 3.10	K 1.80	K 2.40	1.92	K 5.82	
8.	K 1.09	1.00	R 1.31	1.68	3.69	K 1.80	K 1.31	K 1.09	K 0.925	K 2.61	K 1.80	K 2.21	1.92	K 6.20	
9.	K 1.09	1.00	1.31	1.43	7.74	K 1.80	K 1.31	K 1.09	K 0.925	K 2.61	K 1.80	K 2.61	1.92	K 5.44	
10.	1.20	1.00	1.31	1.43	7.74	K 1.80	K 1.31	K 1.00	K 1.00	K 2.61	K 1.80	K 2.40	1.92	K 4.70	
11.	1.43	1.00	1.31	1.31	6.20	K 1.92	K 1.31	K 0.925	K 1.31	K 4.01	K 1.68	K 2.40	2.61	K 6.20	
12.	1.31	1.09	1.56	1.31	5.44	K 2.05	K 1.68	K 0.925	K 1.09	K 4.70	K 1.68	K 2.21	2.84	K 9.49	
13.	1.20	1.31	1.80	1.20	4.70	K 2.05	K 1.43	K 0.925	K 1.31	K 3.69	K 1.68	K 1.92	2.61	K 6.98	
14.	1.09	1.20	1.92	1.20	4.01	K 2.40	K 1.43	K 0.925	K 1.20	K 2.84	K 1.80	K 1.80	2.40	K 8.46	
15.	1.09	1.09	1.68	1.20	3.69	K 2.05	K 1.56	K 1.00	K 1.09	K 2.61	K 1.92	K 1.68	2.40	K 8.46	
16.	1.20	1.09	1.68	1.20	3.38	K 2.05	K 1.20	K 1.31	K 1.09	K 3.10	K 1.80	K 1.68	2.40	7.36	
17.	1.31	1.09	1.43	1.56	3.10	K 2.21	K 1.20	K 1.20	K 1.09	K 2.84	K 1.56	K 1.56	2.21	6.20	
18.	1.56	1.09	1.43	1.68	3.38	K 2.40	K 1.20	K 1.09	K 1.00	K 2.84	K 1.68	K 1.56	2.05	5.44	
19.	1.92	1.09	1.43	1.68	3.69	K 2.21	K 1.31	K 1.00	K 1.00	K 5.82	K 1.56	K 1.56	2.21	5.07	
20.	1.68	1.09	1.31	1.68	3.38	K 2.05	K 1.92	K 1.09	K 1.68	K 4.01	K 1.43	K 1.56	2.21	4.70	
21.	1.43	1.09	1.31	3.10	3.10	K 2.05	K 1.31	K 1.00	K 1.31	K 3.10	K 1.43	K 1.43	4.70	4.36	
22.	1.20	1.09	1.20	3.38	2.84	K 2.05	K 1.20	K 1.00	K 1.20	K 3.10	K 1.43	K 1.68	7.74	4.70	
23.	1.20	1.09	1.20	7.74	2.84	K 2.05	K 1.09	K 2.84	K 1.68	K 2.61	K 1.43	K 1.43	4.01	4.01	
24.	1.09	1.09	1.09	7.74	2.84	K 2.05	K 1.09	K 1.20	K 1.80	K 2.61	K 1.43	K 1.56	3.38	4.01	
25.	1.09	1.20	1.09	5.82	2.61	K 2.05	K 1.09	K 1.09	K 1.3	K 2.61	K 1.56	K 1.56	7.74	4.01	
26.	1.09	1.31	1.09	4.36	2.61	K 1.92	K 1.09	K 1.00	K 23.8	K 2.61	K 1.68	K 1.43	6.20	4.01	
27.	1.09	1.31	1.09	3.69	2.40	K 1.92	K 1.09	K 0.925	K 18.4	K 2.61	K 1.43	K 1.43	5.44	4.01	
28.	1.00	1.31	R 1.43	3.69	2.40	K 1.80	K 1.00	K 1.20	K 12.4	K 2.40	K 1.56	K 1.43	6.20	3.69	
29.	1.00	1.31	R 1.20	2.21	2.21	K 1.68	K 1.00	K 1.56	K 9.15	K 2.21	K 1.56	K 1.92	5.82	3.38	
30.	1.00	1.20	R 1.31	2.21	2.21	K 1.68	K 1.09	K 1.31	K 6.98	K 2.05	K 1.68	K 2.05	5.44	3.10	
31.	1.00	1.20	1.43	2.21	2.21	K 1.68	K 1.20	K 1.20	K 5.44	K 2.05	K 1.92	K 1.92	5.44	3.69	
Tag	1+	1+	24+	13+	29+	29+	28+	11+	7+	30+	20+	21+	4.	30.	
NQ	1.00	1.00	1.09	1.20	2.21	1.68	1.00	0.925	0.925	2.05	1.43	1.43	1.56	3.10	
MQ	1.18	1.12	1.39	2.57	3.84	2.05	1.34	1.19	3.73	3.56	1.70	1.86	3.29	5.36	
HQ	2.21	1.43	3.10	9.49	9.49	4.36	4.01	5.07	26.4	14.0	2.40	3.38	9.84	12.0	
Tag	19.	26.	28.	23.	9.	2.	12.	23.	26.	1.	9.	3.	25.	12.	
h <sub>N</sub> mm	6	6	7	12	20	10	7	6	19	18	8	9	16	27	
h <sub>A</sub> mm															
	1961/2016			1962/2017 56 Kalenderjahre											
Jahr	2008	2006	1977+	1996	1963+	2007	2017	1976	1976	2015	2008	2008	2008	2006	
NQ	0.100	0.670	0.800	0.800	0.930	1.19	1.00	0.920	0.680	0.541	0.410	0.150	0.100	0.670	
MNQ	1.37	1.77	2.15	2.59	2.98	3.25	2.23	1.82	1.42	1.28	1.19	1.17	1.38	1.79	
MQ	2.24	3.47	4.40	4.66	5.33	4.67	3.26	2.66	2.04	1.73	1.57	1.66	2.28	3.48	
MHQ	6.18	12.4	14.7	13.8	14.3	10.3	8.15	8.87	6.15	5.17	4.71	4.46	6.31	12.2	
HQ	46.9	73.0	75.6	60.1	70.8	81.2	30.7	49.9	26.4	27.6	35.5	21.0	46.9	73.0	
Jahr	1998	1988	2003	1970	1994	1983	1971	1975	2017	1970	2007	1998	1998	1988	
Mh <sub>N</sub> mm	11	18	22	22	27	23	17	13	10	9	8	8	11	18	
Mh <sub>A</sub> mm															
	Abflussjahr (*) 2017					Kalenderjahr 2017					Unterschnittene Abflüsse m <sup>3</sup> /s				
	Jahr	Datum	Winter	Sommer	Jahr	Datum	1962/2017 56 Kalenderjahre								
							Unter-	Abfluss-		Kalender-		1962/2017 56 Kalenderjahre			
							schnittungs-	jahr (*)		jahr		Obere			
							dauer	2017		2017		Hüllkurve			
							in Tagen					Mittlere			
												Werte			
												Untere			
												Hüllkurve			
NQ	m <sup>3</sup> /s	0.925	am 11.06.2017	1.00	0.925	0.925	am 11.06.2017	23.8	23.8	55.6	21.0	7.68			
MQ	m <sup>3</sup> /s	2.13		2.02	2.24	2.66		18.4	18.4	45.9	18.0	4.70			
HQ	m <sup>3</sup> /s	26.4	am 26.07.2017	9.49	26.4	26.4	am 26.07.2017	12.4	12.4	43.3	16.2	4.70			
			bei W = 94.0 cm				bei W = 94.0 cm	11.3	11.3	31.1	14.7	4.70			
Nq	l/(skm <sup>2</sup> )	1.77		1.91	1.77	1.77		9.15	9.49	27.4	13.6	4.36			
Mq	l/(skm <sup>2</sup> )	4.06		3.85	4.27	5.08		9.15	9.15	26.5	12.8	4.36			
Hq	l/(skm <sup>2</sup> )	50.4		18.1	50.4	50.4		7.74	9.15	24.6	12.3	4.36			
								7.74	8.46	24.2	11.5	4.01			
								7.74	8.46	24.2	11.1	3.69			
h <sub>N</sub>	mm							5.82	7.74	18.6	9.07	3.38			
h <sub>A</sub>	mm	128		60	68	160		4.36	6.20	14.1	7.42	3.10			
								3.69	5.44	12.0	6.40	2.60			
								3.10	4.70	10.3	5.50	2.45			
								2.61	4.01	8.46	4.50	2.16			
								2.21	2.84	7.16	3.58	1.76			
								1.92	2.40	6.15	2.97	1.50			
								1.68	2.05	5.42	2.45	1.30			
								1.56	1.92	4.73	2.21	1.04			
								1.43	1.68	3.81	1.83	0.920			
								1.31	1.56	3.30	1.64	0.920			
								1.31	1.56	3.30	1.63	0.920			
								1.20	1.43	3.05	1.50	0.920			
								1.20	1.43	3.05	1.45	0.920			
								1.09	1.31	2.85	1.43	0.920			
								1.09	1.31	2.85	1.32	0.800			
								1.09	1.20	2.65	1.24	0.800			
								1.09	1.20	2.65	1.19	0.800			
								1.09	1.09	2.45	1.13	0.800			
								1.00	1.09	2.45	1.06	0.736			
								1.00	1.09	2.25	1.04	0.635			
								1.00	1.00	2.25	1.00	0.635			
								1.00	1.00	2.25	0.930	0.410			
								1.00	1.00	2.25	0.920	0.280			
								1.00	1.00	2.08	0.855	0.280			
								0.925	0.925	2.08	0.800	0.280			
								0.925	0.925	2.08	0.800	0.150			
								0.925	0.925	2.08	0.800	0.150			
								0.925	0.925	2.08	0.800	0.150			
								0.925	0.925	2.08	0.800	0.150			
								0.925	0.925	2.08	0.684	0.150			
								0.925	0.925	2.08	0.635	0.150			
								0.925	0.925	1.90	0.100	0.100			

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. 5 Tage Randeis, 238 Tage Verkrautung



A<sub>E0</sub> : 201.00 km<sup>2</sup>  
 PNP : NHH+ 170.22 m  
 Lage : 52.60 km oberhalb der Mündung links



Pegel : Sundhausen Nr. 575400  
 Gewässer: Helme  
 Gebiet : Unstrut

Tag	2016		2017															
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez				
1.	0.348	0.390	0.473	0.515	2.12	0.882	K 0.882	K 0.515	K 0.515	2.60	0.473	0.715	1.47	2.12				
2.	0.348	0.431	0.431	0.515	2.50	0.999	K 0.999	K 0.473	K 0.515	1.71	0.473	0.826	1.34	1.71				
3.	0.348	0.431	0.431	0.663	2.30	0.939	K 1.73	K 0.613	K 0.515	1.20	0.613	1.47	1.20	1.55				
4.	0.390	0.390	0.826	0.663	1.95	0.939	K 1.07	K 0.882	K 0.515	0.882	0.515	1.47	1.20	4.14				
5.	0.390	0.390	1.13	1.55	1.63	0.939	K 0.999	K 0.613	K 0.473	0.771	0.473	1.87	1.20	7.82				
6.	0.390	0.390	0.613	1.55	1.47	0.882	K 0.939	K 0.563	K 0.473	0.613	0.473	3.09	1.27	4.68				
7.	0.431	0.390	0.563	1.20	1.34	0.826	K 0.939	K 0.563	K 0.473	0.613	0.473	3.54	1.20	3.43				
8.	0.473	0.390	0.515	0.882	1.27	0.826	K 0.882	K 0.473	K 0.431	0.563	0.473	3.09	1.13	3.20				
9.	0.431	0.390	0.515	0.715	2.89	0.826	K 0.882	K 0.473	K 0.431	0.515	0.473	3.43	1.13	2.69				
10.	0.431	0.390	0.473	0.663	4.01	0.826	K 0.826	K 0.473	K 0.563	0.515	0.473	2.60	1.13	2.40				
11.	0.473	0.431	0.473	0.613	2.30	0.826	K 0.826	K 0.473	K 0.563	0.715	0.431	2.50	1.95	4.14				
12.	0.431	0.473	0.563	0.563	1.71	0.826	K 0.882	K 0.473	K 0.515	0.882	0.431	1.87	2.40	5.82				
13.	0.431	0.613	0.771	0.563	1.47	0.939	K 0.826	K 0.431	K 0.613	0.771	0.473	1.47	2.03	3.31				
14.	0.390	0.515	1.13	0.563	1.27	0.826	K 0.882	K 0.431	K 0.473	0.613	0.515	1.40	1.55	4.14				
15.	0.390	0.473	1.07	0.515	1.07	0.826	K 0.771	K 0.431	K 0.563	0.563	0.613	1.34	1.40	3.89				
16.	0.431	0.431	0.826	0.563	0.999	0.882	K 0.771	K 0.515	K 0.515	0.663	0.613	1.20	1.34	2.89				
17.	0.515	0.431	0.15	0.882	0.999	0.882	K 0.715	K 0.515	K 0.473	0.563	0.563	1.07	1.27	2.40				
18.	0.715	0.431	0.613	1.47	1.07	0.939	K 0.715	K 0.515	K 0.473	0.663	0.563	1.07	1.20	2.21				
19.	0.882	0.431	0.563	1.40	1.13	0.939	K 0.882	K 0.515	K 0.473	1.27	0.515	1.07	1.20	1.79				
20.	0.663	0.431	0.563	1.47	1.27	0.939	K 1.07	K 0.515	K 0.563	0.771	0.515	0.882	2.89	1.71				
21.	0.515	0.431	0.515	4.14	1.27	K 0.826	K 0.663	K 0.473	K 0.515	0.715	0.563	0.882	8.39	1.63				
22.	0.515	0.390	0.515	4.01	1.20	K 0.826	K 0.613	K 0.563	K 0.563	0.663	0.563	0.882	16.0	1.71				
23.	0.515	0.431	0.473	12.9	1.27	K 0.826	K 0.613	K 0.663	K 0.882	0.613	0.515	0.771	5.82	1.71				
24.	0.473	0.390	0.473	8.39	1.07	K 0.939	K 0.613	K 0.473	0.663	0.613	0.515	0.882	3.43	1.87				
25.	0.431	0.431	0.473	4.14	0.999	K 0.826	K 0.613	K 0.473	6.28	0.563	0.663	0.882	8.00	1.87				
26.	0.431	0.473	0.473	2.69	0.999	K 0.882	K 0.613	K 0.515	9.59	0.515	0.663	0.826	8.79	1.87				
27.	0.431	0.473	0.431	1.95	0.939	K 0.882	K 0.563	K 0.473	2.89	0.515	0.563	0.826	4.27	1.87				
28.	0.431	0.473	0.431	1.71	0.939	K 0.882	K 0.563	K 0.563	2.60	0.473	0.613	0.826	3.89	1.63				
29.	0.431	0.431	0.431	1.71	0.882	K 0.882	K 0.563	K 0.715	1.47	0.473	0.613	2.03	3.20	1.40				
30.	0.431	0.431	0.431	0.826	K 0.882	K 0.882	K 0.563	K 0.663	0.999	0.473	0.613	2.40	2.69	1.40				
31.	0.431	0.431	0.515	0.882	0.882	K 0.563	K 0.663	K 0.563	0.771	0.473	0.613	1.79	1.87	1.87				
Tag	1+	1+	2+	1+	30	7+	27+	13+	8+	28+	11+	1.	8+	29+				
NQ	0.348	0.390	0.431	0.515	0.826	0.826	0.563	0.431	0.431	0.473	0.431	0.715	1.13	1.40				
MQ	0.463	0.433	0.594	2.07	1.49	0.879	0.788	0.534	1.20	0.760	0.534	1.58	3.13	2.74				
HQ	1.07	0.613	1.47	15.2	5.37	1.27	1.87	1.13	13.1	4.81	0.882	4.54	22.8	12.9				
Tag	19.	13.	5.	23.	10.	2.	19.	4.	25.	1.	25.	7.	22.	4.				
h <sub>N</sub> mm	6	6	8	25	20	11	11	7	16	10	7	21	40	36				
h <sub>A</sub> mm	6	6	8	25	20	11	11	7	16	10	7	21	40	36				
	1957/2016		1958/2017												60 Kalenderjahre			
Jahr	2011	1983	1968	1980+	1972	1996	1980+	1980	2011	1991+	2011	1991	2011	1983				
NQ	0.200	0.080	0.090	0.210	0.320	0.360	0.430	0.320	0.240	0.210	0.200	0.210	0.200	0.080				
MNQ	0.580	0.716	0.802	0.982	1.08	1.15	0.926	0.725	0.637	0.540	0.535	0.553	0.584	0.723				
MQ	1.15	1.84	2.28	2.37	2.44	1.82	1.37	1.12	0.893	0.765	0.769	0.862	1.19	1.86				
MHQ	5.58	10.0	12.8	11.7	10.3	5.61	4.74	5.98	2.80	2.95	2.67	2.96	5.93	10.1				
HQ	52.5	44.2	48.0	33.2	47.7	32.3	30.2	41.0	13.1	29.6	30.6	37.5	52.5	44.2				
Jahr	1998	2002	2003	1970	2000	1983	1971	1981	2017	1970	2007	1998	1998	2002				
Mh <sub>N</sub> mm	15	25	30	29	33	23	18	14	12	10	10	11	15	25				
Mh <sub>A</sub> mm	15	25	30	29	33	23	18	14	12	10	10	11	15	25				
Hauptwerte	Abflussjahr (*)		2017		Kalenderjahr		2017		Unterschnittene Abflüsse m³/s									
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschreitungs-dauer in Tagen	Abfluss-jahr (*)	Kalender-jahr	1958/2017 60 Kalenderjahre								
	NQ	0.348 am 01.11.2016	0.348	0.431	0.431	am 02.01.2017	364	12.9	16.0	33.0	16.4	4.66	363	9.59	12.9	32.7	13.4	3.43
	MQ	0.939 am 23.02.2017	0.974	0.904	1.35	am 22.11.2017	362	8.39	9.59	23.3	11.2	3.01	361	6.28	8.79	22.6	9.60	3.01
	HQ	15.2 bei W = 131 cm	15.2	13.1	22.8	bei W = 161 cm	360	4.14	8.39	21.3	8.60	2.85	359	4.14	8.39	20.6	7.82	2.50
	Nq	1.73	1.73	2.14	2.14		358	4.01	8.00	18.3	7.06	2.40	357	4.01	7.82	17.6	6.62	2.21
	Mq	4.67	4.84	4.50	6.73		356	3.54	6.28	16.2	6.29	2.21	355	2.69	4.14	13.6	4.68	1.72
	Hq	75.6	75.6	65.2	113		340	2.03	3.43	8.38	3.54	1.33	330	1.55	2.89	7.06	2.89	1.17
	h <sub>N</sub> mm	147	76	72	212		320	1.40	2.40	5.96	2.44	1.00	300	1.07	1.79	4.20	1.96	0.850
	h <sub>A</sub> mm	147	76	72	212		270	0.882	1.34	3.35	1.50	0.710	240	0.826	1.07	2.80	1.22	0.640
1958/2017 (*) 60 Jahre		1958/2017		Dauertabelle														
NQ	0.080 am 14.12.1983	0.080	0.200	0.080	am 14.12.1983	210	0.715	0.882	2.55	1.02	0.563	183	0.613	0.826	2.33	0.900	0.480	
MNQ	0.376	0.496	0.469	0.391		150	0.563	0.715	2.11	0.780	0.430	130	0.515	0.613	2.00	0.720	0.390	
MQ	1.47	1.98	0.963	1.47		120	0.515	0.613	2.00	0.700	0.360	110	0.515	0.563	1.90	0.660	0.320	
MHQ	24.4	22.5	10.3	25.0		100	0.473	0.563	1.90	0.640	0.280	90	0.473	0.563	1.80	0.600	0.280	
HQ	52.5 am 01.11.1998	52.5	41.0	52.5	am 01.11.1998	80	0.473	0.515	1.80	0.590	0.280	70	0.473	0.515	1.80	0.560	0.280	
HQ <sub>1</sub>						60	0.473	0.515	1.70	0.540	0.280	50	0.431	0.515	1.70	0.515	0.240	
HQ <sub>5</sub>						40	0.431	0.473	1.60	0.480	0.240	30	0.431	0.473	1.50	0.431	0.240	
MNq	1.87	2.47	2.33	1.94		25	0.431	0.473	1.50	0.430	0.240	20	0.431	0.473	1.50	0.400	0.210	
Mq	7.31	9.87	4.79	7.33		15	0.390	0.473	1.50	0.360	0.210	10	0.390	0.431	1.50	0.330	0.210	
MHq	121	112	51.5	125		9	0.390	0.431	1.50	0.320	0.210	8	0.390	0.431	1.50	0.320	0.210	
Mh <sub>N</sub> mm	231	155	76	231		7	0.390	0.431	1.50	0.320	0.210	6	0.390	0.431	1.50	0.300	0.100	
Mh <sub>A</sub> mm	231	155	76	231		5	0.390	0.431	1.50	0.280	0.100	4	0.390	0.431	1.50	0.280	0.100	
Niedrigwasser (n)		Hochwasser																
	m³/s	l/(skm²)	Datum	m³/s	l/(skm²)	cm	Datum											
1	0.080	0.398	14.12.1983	52.5	261	274	01.11.1998											
2	0.090	0.448	12.01.1968	48.0	239	260	02.01.2003											
3	0.100	0.498	04.12.1979	47.7	237	259	09.03.2000											
4	0.100	0.498	07.01.1979	45.3	225	255	16.03.1994											
5	0.180	0.896	04.01.1970	44.2	220	248	30.12.2002											
6	0.200	0.995	21.09.2011	41.0	204		04.06.1981											
7	0.210	1.04	31.08.1996	38.8	193	230	19.12.1988											
8	0.210	1.04	25.08.1991	37.5	187	226												

A<sub>Eo</sub> : 304.00 km<sup>2</sup>  
 PNP : NHH+ 181.53 m  
 Lage : 11.00 km oberhalb der Mündung links



Pegel : Nordhausen Nr. 575500  
 Gewässer : Zorge  
 Gebiet : Unstrut

Tag	2016		2017													
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
1.	0.624	0.839	2.42	1.16	11.9	K 2.58	K 1.16	K 1.79	0.624	4.30	0.533	0.732	6.46	13.1		
2.	0.624	0.839	2.42	1.16	13.9	K 2.76	K 1.32	K 1.48	0.624	2.97	0.624	0.839	5.59	11.1		
3.	0.732	0.839	2.26	1.32	13.9	K 2.42	K 1.32	K 1.48	0.624	2.76	0.624	1.32	4.79	10.0		
4.	0.624	0.732	3.38	1.79	13.1	K 2.42	K 1.16	K 1.95	0.533	2.26	0.624	1.16	4.30	9.69		
5.	0.533	0.533	2.76	2.26	11.5	K 2.26	K 1.16	K 1.48	0.370	1.95	0.533	1.95	4.30	10.4		
6.	0.624	0.624	1.79	2.76	10.0	K 2.26	K 1.16	K 1.05	0.370	1.79	0.533	5.32	4.07	10.7		
7.	0.624	0.624	1.63	3.17	9.00	K 2.11	K 1.16	K 0.839	0.299	1.63	0.533	5.32	3.17	10.7		
8.	0.732	0.732	1.63	3.17	8.65	K 1.95	K 1.16	K 0.624	0.299	1.48	0.533	7.99	2.97	13.5		
9.	0.732	0.732	1.79	3.17	10.4	K 1.95	K 1.16	K 0.533	0.299	1.32	0.533	9.34	2.76	13.1		
10.	0.732	0.732	1.63	2.97	11.5	K 1.79	K 1.16	K 0.449	0.533	1.16	0.533	7.67	3.17	12.7		
11.	0.732	0.947	1.63	2.76	11.1	K 1.48	K 1.16	K 0.449	0.624	1.79	0.533	6.75	5.59	13.1		
12.	0.732	1.32	1.79	2.58	10.4	K 1.48	K 1.16	K 0.370	0.732	1.79	0.533	5.59	6.16	13.9		
13.	0.624	1.32	2.11	2.42	9.34	K 1.95	K 1.16	K 0.370	1.05	1.48	0.624	4.79	6.46	13.1		
14.	0.624	1.16	1.79	2.26	7.99	K 1.79	K 1.48	K 0.370	0.732	1.16	0.839	3.84	6.46	13.5		
15.	0.533	1.16	1.63	2.26	6.46	K 1.63	K 1.48	K 0.370	0.624	1.16	1.32	3.38	6.16	12.3		
16.	0.839	1.16	1.48	2.26	5.87	K 1.63	K 1.16	K 0.449	0.533	1.05	1.16	2.58	5.87	10.7		
17.	1.48	1.05	1.32	2.58	5.59	K 1.63	K 1.32	K 0.449	0.449	0.947	0.947	2.42	5.32	9.69		
18.	2.26	0.947	1.16	3.38	6.75	K 1.63	K 1.32	K 0.370	0.449	1.05	0.947	2.26	5.05	8.65		
19.	2.26	1.05	1.16	3.84	7.67	K 1.63	K 1.79	K 0.299	0.449	1.48	0.947	2.11	5.32	7.99		
20.	2.26	1.16	1.16	5.59	7.99	K 1.63	K 3.60	K 0.299	1.32	1.05	0.839	1.79	8.65	7.04		
21.	1.95	1.16	1.16	18.7	7.67	K 1.63	K 2.42	0.370	0.839	1.05	0.839	1.79	13.9	7.04		
22.	1.63	1.05	1.16	26.9	7.04	K 1.48	K 2.26	0.370	0.732	0.947	0.839	1.79	22.3	7.67		
23.	1.48	1.05	1.05	52.9	6.46	K 1.48	K 2.58	0.370	1.79	0.839	0.839	1.79	19.2	8.65		
24.	1.48	1.05	1.05	41.5	5.59	K 1.32	K 2.58	0.370	1.48	0.839	0.732	1.79	15.1	11.5		
25.	1.16	2.11	0.947	27.4	5.05	K 1.32	K 2.42	0.370	15.1	0.839	0.839	1.63	16.4	13.1		
26.	1.16	2.97	0.947	19.6	4.53	K 1.16	K 2.58	0.370	14.3	0.732	0.947	1.48	15.6	12.3		
27.	1.05	3.17	0.947	15.1	3.84	K 1.16	K 2.26	0.370	9.69	0.732	0.947	1.48	15.1	11.1		
28.	0.947	3.38	0.947	13.5	3.60	K 1.16	K 2.26	0.449	6.75	0.624	0.839	1.48	18.7	9.34		
29.	0.839	3.17	0.947	3.38	3.38	K 1.16	K 2.11	0.449	4.53	0.533	0.839	5.87	16.9	7.99		
30.	0.732	3.17	0.947	2.97	2.97	K 1.16	K 1.95	0.732	3.38	0.533	0.732	9.00	14.7	8.32		
31.	2.76	1.48	1.48	2.76	2.76	K 1.95	K 1.95	2.76	2.76	0.533	7.67	7.67	9.69	9.69		
Tag	5+	5	25+	1+	31	26+	1+	19+	7+	29+	1+	1	9	20+		
NQ	0.533	0.533	0.947	1.16	2.76	1.16	1.16	0.299	0.299	0.533	0.533	0.732	2.76	7.04		
MQ	1.05	1.40	1.57	9.59	7.93	1.73	1.71	0.666	2.35	1.38	0.756	3.64	9.02	10.7		
HQ	2.97	3.38	3.84	55.4	14.7	3.38	6.16	3.60	17.8	7.34	1.79	10.7	24.6	13.9		
Tag	24.	27.	4.	23.	2.	2.	20.	3.	25.	1.	15.	8.	22.	11.		
h <sub>N</sub> mm	9	12	14	76	70	15	15	6	21	12	6	32	77	94		
h <sub>A</sub> mm	1953/2016		1954/2017 64 Kalenderjahre													
Jahr	1991	1976	1977	1960	1963	1960	1959	1966	1959	1991+	1959+	1966	1991	1976		
NQ	0.150	0.280	0.100	0.080	0.240	0.470	0.270	0.080	0.100	0.150	0.100	0.050	0.150	0.280		
MNQ	1.18	1.66	2.12	2.42	2.45	2.85	1.68	0.874	0.695	0.578	0.590	0.719	1.22	1.76		
MQ	3.06	5.18	6.12	5.60	6.34	5.31	2.90	2.02	1.48	1.11	1.14	1.77	3.19	5.34		
MHQ	10.2	19.5	23.1	15.9	20.8	12.8	6.58	6.90	4.69	3.10	4.05	6.16	10.6	19.7		
HQ	85.6	87.1	91.9	55.4	95.1	63.3	24.9	46.5	29.6	11.4	43.5	81.4	85.6	87.1		
Jahr	1998	1954	1987	2017	1956	1994	1965	1977	1956	1970	2007	1998	1998	1954		
Mh <sub>N</sub> mm	26	46	54	45	56	45	26	17	13	10	10	16	27	47		
Mh <sub>A</sub> mm																
Hauptwerte	Abflussjahr (*)		2017				Kalenderjahr				Unterschrittene Abflüsse m³/s					
	Jahr		Datum		Winter		Sommer		Jahr		Datum		1954/2017 64 Kalenderjahre			
	2017		2017		2017		2017		2017		2017		2017			
	NQ	m³/s	0.299	am 19.06.2017	0.533	0.299	0.299	am 19.06.2017	0.299	am 19.06.2017	364	52.9	52.9	87.1	33.0	8.08
	MQ	m³/s	2.78		3.81	1.76	4.22		4.22		363	41.5	41.5	75.1	27.8	7.64
	HQ	m³/s	55.4	am 23.02.2017 bei W = 236 cm	55.4	17.8	55.4	am 23.02.2017 bei W = 236 cm	55.4	am 23.02.2017 bei W = 236 cm	362	27.4	27.4	67.3	23.8	7.42
	Nq	l/(skm²)	0.984		1.75	0.984	0.984		0.984		361	26.9	26.9	53.2	21.6	7.42
	Mq	l/(skm²)	9.14		12.5	5.80	13.9		13.9		360	19.6	22.3	52.7	20.2	7.00
	Hq	l/(skm²)	182		182	58.6	182		182		359	18.7	19.6	40.0	18.8	6.80
	h <sub>N</sub>	mm									358	15.1	19.2	37.5	17.6	6.48
	h <sub>A</sub>	mm	288		196	92	438		438		357	15.1	18.7	32.0	16.8	6.48
											356	14.3	18.7	32.0	16.0	5.82
1954/2017 (*) 64 Jahre		1954/2017				1954/2017				1954/2017						
NQ	m³/s	0.050	am 22.10.1966	0.080	0.050	0.050	am 22.10.1966	0.050	am 22.10.1966	240	1.95	2.97	6.05	3.10	1.15	
MNQ	m³/s	0.342		0.877	0.393	0.373		0.373		210	1.63	2.26	5.25	2.44	0.680	
MQ	m³/s	3.49		5.28	1.74	3.52		3.52		183	1.32	1.79	4.30	2.00	0.400	
MHQ	m³/s	41.2		39.5	13.2	41.8		41.8		150	1.16	1.48	3.50	1.52	0.340	
HQ	m³/s	95.1	am 04.03.1956	95.1	81.4	95.1	am 04.03.1956	95.1	am 04.03.1956	130	1.05	1.32	3.10	1.26	0.280	
HQ <sub>1</sub>	m³/s									120	0.947	1.16	3.10	1.15	0.280	
HQ <sub>5</sub>	m³/s									110	0.947	1.16	2.90	1.02	0.280	
MNq	l/(skm²)	1.12		2.88	1.29	1.23		1.23		100	0.839	1.16	2.70	0.900	0.190	
Mq	l/(skm²)	11.5		17.4	5.72	11.6		11.6		90	0.839	0.947	2.70	0.800	0.190	
MHq	l/(skm²)	136		130	43.3	137		137		80	0.732	0.947	2.50	0.732	0.160	
Mh <sub>N</sub>	mm									70	0.732	0.839	2.50	0.660	0.160	
Mh <sub>A</sub>	mm	363		272	91	365		365		60	0.624	0.732	2.30	0.580	0.150	
Niedrigwasser (n)		Hochwasser				Hochwasser				Hochwasser						
	m³/s	l/(skm²)	Datum	m³/s	l/(skm²)	cm	Datum	m³/s	l/(skm²)	cm	Datum	m³/s	l/(skm²)	cm	Datum	
1	0.050	0.164	22.10.1966	95.1	313		04.03.1956	0.370	0.370	1.65	0.250	0.130				
2	0.080	0.263	09.02.1960	91.9	302		01.01.1987	0.370	0.370	1.65	0.250	0.130				
3	0.100	0.329	10.09.1997	87.1	287		27.12.1954	0.370	0.370	1.50	0.250	0.130				
4	0.100	0.329	07.10.1989	85.6	282	198	01.11.1982	0.370	0.370	1.50	0.240	0.130				
5	0.100	0.329	03.09.1976	85.3	281		06.01.1982	0.370	0.370	1.38	0.220	0.100				
6	0.130	0.428	10.07.1960	82.3	271		11.03.1981	0.299	0.299	1.38	0.200	0.100				
7	0.140	0.461	05.10.1964	81.4	268	192	28.10.1998	0.299	0.299	1.38	0.170	0.100				
8	0.143	0.470	15.09.2016	80.7	265		19.12.1965	0.299	0.299	1.38	0.150	0.080				
9	0.150	0.493	22.08.1995	71.6	236	178	30.01.1995	0.299	0.299	1.38	0.150	0.080				
10	0.150	0.493	19.08.1991	70.6	232	175	21.01.20									



A<sub>Eo</sub> : 62.30 km<sup>2</sup>  
 PNP : NHN+ 303.60 m  
 Lage : 7.00 km oberhalb der Mündung links



m<sup>3</sup>/s

Pegel : Ilfeld Nr. 575660  
 Gewässer : Bere  
 Gebiet : Unstrut

	Tag	2016		2017													
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
Tageswerte	1.	0.170	0.290	0.670	0.360	2.64	0.570	0.230	0.230	K 0.170	1.27	0.140	0.200	0.770	2.72		
	2.	0.170	0.320	0.620	0.320	3.04	0.570	0.290	0.200	K 0.140	0.770	0.140	0.230	0.670	2.16		
	3.	0.200	0.260	0.570	0.400	3.36	0.520	0.290	0.230	K 0.110	0.670	0.170	0.400	0.570	1.76		
	4.	0.200	0.200	0.670	0.520	3.12	0.480	0.260	0.220	K 0.080	0.570	0.170	0.290	0.520	1.69		
	5.	0.170	0.200	0.520	0.670	2.40	0.440	0.260	0.230	K 0.060	0.520	0.140	0.770	0.620	1.55		
	6.	0.200	0.200	0.320	0.770	2.00	0.400	0.260	0.260	K 0.060	0.440	0.140	0.880	0.570	1.55		
	7.	0.200	0.200	R 0.400	0.820	1.48	0.360	0.230	0.260	K 0.050	0.400	0.170	0.820	0.480	1.55		
	8.	0.320	0.230	R 0.480	0.820	1.55	0.360	0.230	0.200	K 0.050	0.320	0.170	1.13	0.480	2.56		
	9.	0.290	0.230	R 0.440	0.770	1.69	0.320	0.230	0.200	0.050	0.320	0.170	0.940	0.440	2.72		
	10.	0.260	0.230	R 0.400	0.770	1.69	0.320	0.200	0.170	0.170	0.320	0.200	0.880	0.570	2.64		
	11.	0.260	0.360	R 0.400	0.720	1.62	0.290	0.200	0.140	0.170	0.520	0.170	0.820	1.06	2.64		
	12.	0.230	0.400	R 0.440	0.670	1.62	0.290	0.200	0.140	0.290	0.520	0.140	0.720	1.27	2.64		
	13.	0.200	0.320	R 0.440	0.620	1.55	0.400	0.230	0.140	0.320	0.360	0.260	0.620	1.34	2.64		
	14.	0.200	0.290	R 0.400	0.570	1.20	0.320	0.440	0.110	0.170	0.290	0.260	0.570	1.27	2.72		
	15.	0.200	0.290	0.360	0.520	1.06	0.320	0.320	0.110	0.140	0.260	0.440	0.520	1.06	2.48		
	16.	0.290	0.290	0.360	0.520	1.00	0.290	0.260	0.170	0.110	0.290	0.260	0.480	1.00	1.92		
	17.	0.570	0.260	R 0.320	0.620	1.06	0.290	0.230	0.110	0.110	0.260	0.200	0.440	0.880	1.76		
	18.	0.940	0.260	R 0.290	0.670	1.48	0.290	0.260	0.080	0.110	0.320	0.200	0.400	0.820	1.55		
	19.	1.00	0.290	R 0.290	0.720	1.55	0.290	0.520	0.080	0.170	0.440	0.200	0.360	0.880	1.41		
	20.	0.880	0.290	R 0.320	1.00	1.62	0.260	1.06	0.060	0.480	0.290	0.170	0.360	1.13	1.27		
	21.	0.720	0.260	R 0.290	3.12	1.76	0.260	0.720	0.060	0.200	0.260	0.170	0.320	1.48	1.34		
	22.	0.620	0.260	R 0.290	6.82	1.69	0.260	0.620	0.060	0.200	0.230	0.170	0.400	2.08	1.41		
	23.	0.570	0.260	R 0.360	13.8	1.48	0.260	0.520	0.080	0.520	0.230	0.170	0.400	2.16	1.69		
	24.	0.480	0.290	R 0.290	12.0	1.34	0.230	0.480	K 0.060	0.440	0.200	0.170	0.360	1.92	2.56		
	25.	0.440	0.670	R 0.260	7.79	1.20	0.230	0.400	K 0.060	3.12	0.200	0.230	0.360	2.56	2.80		
	26.	0.400	0.880	R 0.230	4.61	1.06	0.230	0.360	K 0.080	2.88	0.200	0.230	0.320	2.80	2.72		
	27.	0.360	0.880	R 0.230	3.84	0.940	0.230	0.320	K 0.060	2.16	0.170	0.200	0.320	2.96	2.48		
	28.	0.320	0.820	R 0.230	3.12	0.820	0.230	0.290	K 0.110	1.62	0.170	0.170	0.320	4.16	1.92		
	29.	0.290	0.820	R 0.230	0.770	0.770	0.230	0.260	K 0.170	1.20	0.140	0.170	0.820	4.08	1.69		
	30.	0.290	0.770	R 0.260	0.670	0.670	0.200	0.260	K 0.170	0.940	0.140	0.170	0.820	3.84	1.62		
	31.	0.290	0.720	R 0.440	0.620	0.620	0.230	0.230	0.720	0.720	0.140	0.170	0.820	3.84	1.62		
Tag	1+	4+	26+	2.	31.	30.	10+	20+	7+	29+	1+	1.	9.	20.			
NQ	0.170	0.200	0.230	0.320	0.620	0.200	0.200	0.060	0.050	0.140	0.140	0.200	0.440	1.27			
MQ	0.381	0.388	0.381	2.43	1.58	0.325	0.344	0.145	0.549	0.362	0.192	0.550	1.48	2.07			
HQ	1.41	0.940	0.940	14.3	3.44	0.620	2.32	0.520	4.00	2.80	0.570	2.00	4.25	2.88			
Tag	18.	25.	23.	22.	3.	1.	19.	4.	25.	1.	15.	5.	28.	1.			
h <sub>N</sub> mm	16	17	16	94	68	14	15	6	24	16	8	24	62	89			
h <sub>A</sub> mm																	
	1951/2016			1952/2017						66 Kalenderjahre							
Jahr	1962	1969	1970+	1970+	1996	1974	1993	1976+	1976	1962+	1959	1959+	1962	1969			
NQ	0.020	0.040	0.010	0.010	0.080	0.130	0.060	0.050	0.010	0.030	0.020	0.020	0.020	0.040			
MNQ	0.273	0.383	0.490	0.547	0.560	0.568	0.291	0.186	0.141	0.118	0.116	0.163	0.279	0.390			
MQ	0.819	1.40	1.64	1.42	1.69	1.46	0.615	0.488	0.362	0.255	0.274	0.454	0.834	1.42			
MHQ	3.00	6.00	6.86	4.33	5.60	4.55	1.80	1.90	1.51	1.18	1.36	1.98	3.04	6.02			
HQ	23.4	57.5	31.5	19.5	26.5	43.5	7.47	9.70	7.13	4.71	20.5	34.0	23.4	57.5			
Jahr	2010	1965	1987	2002	1981	1994	2013	1986	1955	2002	2007	1998	2010	1965			
Mh <sub>N</sub> mm	34	60	70	55	72	61	26	20	16	11	11	20	35	61			
Mh <sub>A</sub> mm																	
Hauptwerte	Abflussjahr (*)				Kalenderjahr				Unterschrittene Abflüsse m <sup>3</sup> /s								
	2017				2017				1952/2017 66 Kalenderjahre								
	Jahr		Datum		Winter		Sommer		Jahr		Datum		Abflussjahr (*)		Kalenderjahr		
													2017		1952/2017 66 Kalenderjahre		
													2017		1952/2017 66 Kalenderjahre		
	NQ	m <sup>3</sup> /s	0.050	am 07.07.2017	0.170	0.050	0.050	am 07.07.2017	364	13.8	13.8	37.1	9.44	2.64			
	MQ	m <sup>3</sup> /s	0.625		0.895	0.359	0.858		363	12.0	12.0	29.7	7.60	2.64			
	HQ	m <sup>3</sup> /s	14.3	am 22.02.2017 bei W = 189 cm	14.3	4.00	14.3	am 22.02.2017 bei W = 189 cm	362	7.79	7.79	19.3	6.78	2.48			
	Nq	l/(skm <sup>2</sup> )	0.803		2.73	0.803	0.803		361	6.82	6.82	14.0	6.09	2.32			
	Mq	l/(skm <sup>2</sup> )	10.0		14.4	5.76	13.8		360	4.61	4.61	13.2	5.56	2.24			
	Hq	l/(skm <sup>2</sup> )	230		230	64.2	230		359	3.84	4.16	12.6	5.18	2.16			
	h <sub>N</sub>	mm							358	3.36	4.08	11.0	4.87	2.00			
	h <sub>A</sub>	mm	316		225	92	434		357	3.12	3.84	10.3	4.61	1.92			
									356	3.12	3.84	9.39	4.43	1.71			
									355	2.40	3.04	6.44	3.60	1.38			
									340	1.62	2.64	5.36	2.80	1.13			
									330	1.20	2.16	4.08	2.32	0.980			
									320	0.940	1.76	3.21	1.92	0.760			
									300	0.770	1.48	2.55	1.41	0.570			
									270	0.570	0.880	1.92	1.00	0.410			
									240	0.440	0.670	1.53	0.720	0.260			
									210	0.360	0.520	1.24	0.570	0.170			
									183	0.320	0.400	1.00	0.440	0.130			
									150	0.260	0.320	0.820	0.320	0.110			
									130	0.260	0.290	0.720	0.280	0.080			
								120	0.230	0.260	0.670	0.260	0.080				
								110	0.230	0.260	0.620	0.230	0.060				
								100	0.230	0.230	0.570	0.200	0.050				
								90	0.200	0.230	0.520	0.190	0.040				
								80	0.200	0.230	0.480	0.170	0.040				
								70	0.200	0.200	0.440	0.140	0.040				
								60	0.170	0.170	0.400	0.140	0.040				
								50	0.170	0.170	0.360	0.110	0.040				
								40	0.170	0.170	0.360	0.100	0.010				
								30	0.140	0.140	0.330	0.080	0.010				
								25	0.140	0.140	0.330	0.080	0.010				
								20	0.110	0.110	0.330	0.060	0.010				
								15	0.080	0.080	0.330	0.060	0.010				
								10	0.060	0.060	0.330	0.050	0.010				
								9	0.060	0.060	0.330	0.050	0.010				
								8	0.060	0.060	0.330	0.050	0.010				
								7	0.060	0.060	0.330	0.050	0.010				
								6	0.060	0.060	0.330	0.050	0.010				
								5	0.060	0.060	0.330	0.045	0.010				
								4	0.060	0.060	0.310	0.040	0.010				
								3	0.060	0.060	0.310	0.040	0.010				
								2	0.050	0.050	0.310	0.040	0.010				
								1	0.050	0.050	0.310	0.010	0.010				
								0	0.050	0.050	0.300	0.010	0.010				
Extremwerte	Niedrigwasser (n)				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	0.010	0.161	11.07.1976	57.5	923		19.12.1965									
	2	0.010	0.161	19.01.1972	43.5	698	274	13.04.1994									
	3																

A<sub>Eo</sub> : 1255.00 km<sup>2</sup>  
 PNP : NHN+ 253.39 m  
 Lage : 171.00 km oberhalb der Mündung rechts



Pegel : Greiz Nr. 576470  
 Gewässer : Weiße Elster  
 Gebiet : Weiße Elster

	Tag	2016			2017											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
Tageswerte	1.	K 8.20	K 5.32	7.09	K 4.88	13.6	9.30	K 4.00	K 3.78	K 4.65	K 4.88	K 6.65	K 4.65	K 10.6	K 13.6	
	2.	K 5.32	K 6.87	7.54	K 4.88	13.2	9.64	K 5.32	K 4.22	K 4.22	K 6.87	K 5.98	K 4.43	K 10.2	K 12.8	
	3.	K 4.88	K 7.09	8.84	K 5.54	13.0	9.64	K 4.22	K 4.00	K 4.00	K 6.65	K 5.76	K 8.20	K 9.74	K 12.1	
	4.	K 4.43	K 6.65	8.84	K 5.54	14.1	9.08	K 4.43	K 8.86	K 3.78	K 4.00	K 5.54	K 6.43	K 8.20	K 11.9	
	5.	K 4.88	K 6.43	7.76	K 9.30	11.9	9.52	K 4.65	K 8.86	K 3.78	K 4.00	K 4.22	K 8.64	K 9.08	K 13.2	
	6.	K 5.10	K 6.43	R 7.32	K 10.2	12.1	8.20	K 4.22	K 6.20	K 4.00	K 4.43	K 4.65	K 8.42	K 13.9	K 15.5	
	7.	K 4.65	K 5.54	R 8.86	K 10.4	12.3	7.76	K 4.00	K 5.54	K 4.65	K 4.22	K 5.32	K 8.20	K 13.4	K 14.4	
	8.	K 4.65	K 4.88	R 9.30	K 10.2	11.0	7.54	K 4.00	K 5.54	K 4.43	K 4.43	K 4.43	K 9.74	K 12.8	K 14.4	
	9.	K 4.88	K 4.88	R 8.86	K 9.52	13.0	7.09	K 3.78	K 4.65	K 3.78	K 4.65	K 4.00	K 9.52	K 15.5	K 13.9	
	10.	K 4.65	K 4.88	8.42	K 8.42	13.4	6.65	K 3.56	K 4.43	K 5.98	K 6.43	K 4.00	K 9.30	K 17.1	K 13.4	
	11.	K 4.65	K 4.88	8.42	K 7.54	13.6	6.43	K 3.78	K 4.22	K 5.10	K 15.2	K 4.00	K 9.30	K 15.2	K 14.4	
	12.	K 4.65	K 6.20	8.42	K 7.32	13.2	6.43	K 4.88	K 4.22	K 5.10	K 8.20	K 4.22	K 9.08	K 15.5	K 15.2	
	13.	K 4.43	K 7.09	9.08	K 7.32	12.3	6.65	K 4.43	K 4.22	K 4.65	K 6.20	K 4.65	K 8.64	K 18.2	K 14.1	
	14.	K 4.22	K 7.09	9.08	K 7.54	10.8	6.65	K 5.10	K 4.00	K 3.95	K 5.32	K 5.76	K 7.76	K 18.6	K 14.9	
	15.	K 4.43	K 7.09	8.42	K 7.32	10.4	6.65	K 5.10	K 4.22	K 5.54	K 4.22	K 5.76	K 7.09	K 16.4	K 15.8	
	16.	K 7.32	K 7.09	8.64	K 6.87	10.2	6.65	K 4.43	K 5.10	K 3.78	K 4.65	K 4.43	K 5.98	K 14.6	K 15.5	
	17.	K 7.76	K 6.20	10.4	K 9.74	10.4	6.43	K 4.00	K 3.35	K 5.54	K 4.22	K 4.43	K 4.65	K 14.4	K 14.6	
	18.	K 9.30	K 6.20	R 10.8	K 13.9	13.9	7.54	K 3.78	K 3.78	K 4.43	K 4.88	K 4.65	K 4.43	K 13.0	K 14.1	
	19.	K 13.4	K 6.87	R 10.2	K 15.8	28.8	7.32	K 4.22	K 4.00	K 3.78	K 7.54	K 4.22	K 5.32	K 12.3	K 13.2	
	20.	K 13.6	K 5.76	R 10.2	K 17.1	25.5	7.32	K 6.87	K 3.78	K 7.54	K 4.65	K 4.22	K 8.64	K 12.3	K 13.4	
	21.	K 12.1	K 5.54	R 7.32	K 31.9	22.6	6.65	K 4.65	K 3.78	K 5.10	K 4.88	K 4.22	K 9.74	K 13.2	K 15.5	
	22.	K 7.98	K 5.54	R 7.32	K 32.5	26.0	9.52	K 4.22	K 4.00	K 4.00	K 4.22	K 4.22	K 11.0	K 14.1	K 20.1	
	23.	K 6.65	K 5.54	R 7.98	K 30.6	24.5	9.52	K 3.78	K 9.74	K 4.43	K 4.22	K 4.22	K 10.2	K 13.2	K 21.8	
	24.	K 8.64	K 5.54	R 8.42	K 28.8	20.1	6.65	K 3.78	K 4.43	K 5.32	K 4.22	K 4.00	K 10.2	K 13.4	K 21.3	
	25.	K 8.86	K 5.76	R 7.54	K 24.0	16.1	4.88	K 3.56	K 4.00	K 6.43	K 4.22	K 4.65	K 9.74	K 22.6	K 22.2	
	26.	K 8.42	K 5.98	R 6.87	K 21.8	15.5	4.65	K 3.56	K 4.00	K 7.32	K 9.74	K 4.65	K 6.87	K 28.2	K 24.0	
	27.	K 8.42	K 5.98	R 7.54	K 15.5	14.6	4.65	K 3.78	K 4.00	K 8.42	K 5.76	K 4.22	K 7.76	K 24.5	K 23.1	
	28.	K 8.20	K 6.20	R 6.43	K 14.1	13.2	4.65	K 3.78	K 4.00	K 7.09	K 4.22	K 4.65	K 7.32	K 22.6	K 26.0	
	29.	K 7.76	K 6.54	R 5.98	K 13.9	12.8	4.22	K 3.78	K 8.42	K 5.10	K 4.00	K 4.43	K 10.8	K 20.5	K 25.0	
	30.	K 7.09	K 6.64	R 4.88	K 12.3	12.3	3.78	K 4.00	K 8.64	K 4.43	K 4.43	K 4.22	K 11.0	K 17.5	K 24.0	
	31.		K 7.54	5.10	11.2	11.2		K 4.22		K 5.76	K 6.65		K 10.8		K 25.0	
Hauptwerte	Tag	14.	8+	30.	1+	16.	30.	10+	17.	14.	4+	9+	2+	4.		
	NQ	4.22	4.88	4.88	4.88	10.2	3.78	3.56	3.35	3.35	4.00	4.00	4.43	8.20	11.9	
	MQ	6.98	6.26	8.08	13.6	15.0	6.90	4.25	5.04	5.02	5.55	4.68	8.19	15.4	17.0	
	HQ	15.8	9.30	12.3	40.3	32.5	15.8	10.2	26.0	17.1	35.9	10.2	19.6	33.9	28.8	
	Tag	21.	29.	17.	21.	19.	22.	12.	23.	17.	11.	6.	24.	25.	28.	
	h <sub>N</sub> mm	14	13	17	26	32	14	9	10	11	12	10	17	32	36	
	h <sub>A</sub> mm															
		1924/2016			1925/2017 93 Kalenderjahre <sup>2</sup>											
	Jahr	1929+	1953	1934	1963	1963	1930	1934	1934	1928	1952	1934	1928	1929+	1953	
	NQ	1.48	0.980	1.48	1.50	1.50	2.51	1.61	1.00	0.900	0.830	1.08	1.20	1.48	0.980	
MNQ	4.94	5.19	6.15	7.29	8.53	8.04	5.18	4.49	4.07	3.74	3.76	3.82	4.94	5.27		
MQ	8.62	10.5	12.8	13.2	17.2	15.0	9.85	9.36	8.43	7.12	6.42	7.18	8.66	10.5		
MHQ	20.1	27.1	32.3	32.9	39.5	32.1	28.2	36.9	34.5	27.6	19.7	19.1	20.1	27.3		
HQ	138.1	155.2	149.7	160.0	129.0	142.1	180.0	420.0	558.0	244.0	132.0	82.2	138.0	155.0		
Jahr	2002	1974	2011	2005	2006	1944	2013	2013	1954	1955	1995	1966	2002	1974		
Mh <sub>N</sub> mm	18	22	27	26	37	31	21	19	18	15	13	15	18	23		
Mh <sub>A</sub> mm																
Dauertabelle	Abflussjahr (*) 2017				Kalenderjahr 2017				Unterschrittene Abflüsse m³/s							
	Jahr		Datum		Winter		Sommer		Jahr		Datum		1925/2017 93 Kalenderjahre <sup>2</sup>		Untere Hüllkurve	
													Hüllkurve		Mittlere Werte	
	NQ	m³/s	3.35	am 17.06.2017	3.78	3.35	3.35	am 17.06.2017	364	32.5	32.5	418	81.6	18.0		
	MQ	m³/s	7.43		9.43	5.46	9.04		363	31.9	31.9	367	67.8	16.0		
	HQ	m³/s	40.3	am 21.02.2017 bei W = 250 cm	40.3	35.9	40.3		362	30.6	30.6	225	60.5	15.6		
	Nq	l/(skm²)	2.67		3.01	2.67	2.67		361	28.8	28.8	151	55.8	14.2		
	Mq	l/(skm²)	5.92		7.52	4.35	7.20		360	28.8	28.8	127	51.4	13.9		
	Hq	l/(skm²)	32.1		32.1	28.6	32.1		359	26.0	28.2	124	48.3	13.2		
	h <sub>N</sub> mm								358	25.5	26.0	99.9	45.8	12.6		
h <sub>A</sub> mm	187		118	69	227			357	24.0	26.0	91.1	43.5	12.3			
1925/2017 (*) 93 Jahre <sup>2</sup>				1925/2017				Dauertabelle								
NQ	m³/s	0.830	am 18.08.1952	0.980	0.830	0.830	am 18.08.1952	210	6.87	8.42	23.1	8.07	3.28			
MNQ	m³/s	2.71		3.78	2.85	2.75		183	6.20	7.32	19.0	6.86	3.10			
MQ	m³/s	10.5		12.9	8.06	10.5		150	5.32	5.98	16.0	5.65	2.52			
MHQ	m³/s	91.4		61.7	69.9	92.1		130	4.88	5.32	13.9	5.11	1.98			
HQ	m³/s	558	am 11.07.1954	160	558	558		120	4.65	4.88	13.3	4.88	1.90			
HQ <sub>1</sub>	m³/s							110	4.65	4.65	12.8	4.67	1.82			
HQ <sub>5</sub>	m³/s							100	4.65	4.65	11.9	4.48	1.82			
90								80	4.43	4.43	11.3	4.32	1.68			
80								70	4.43	4.43	10.8	4.22	1.61			
70								60	4.22	4.22	10.5	4.08	1.54			
60								50	4.22	4.22	10.2	3.89	1.54			
50								40	4.22	4.22	9.95	3.70	1.42			
40								30	4.00	4.00	9.00	3.40	1.37			
30								25	4.00	4.00	8.51	3.00	1.32			
25								20	4.00	4.00	8.27	2.83	1.27			
20								15	3.78	3.78	7.93	2.65	1.22			
15								10	3.78	3.78	7.71	2.48	1.22			
10								9	3.78	3.78	7.41	2.25	1.17			
9								8	3.78	3.78	7.28	2.18	1.12			
8								7	3.78	3.78	7.28	2.13	1.12			
7								6	3.78	3.78	7.28	2.07	1.08			
6								5	3.78	3.78	7.28	1.99	1.08			
5								4	3.56	3.56	7.28	1.90	1.08			
4								3	3.56	3.56	7.07	1.81	1.08			
3								2	3.56	3.56	6.87	1.65	1.04			
2								1	3.56	3.56	6.87	1.54	1.04			
1								0	3.35	3.35	6.67	1.37	1.00			
0									3.35	3.35	6.67	0.830	0.830			
Extremwerte	Niedrigwasser (n)				Hochwasser											
		m³/s	l/(skm²)	Datum	m³/s	l/(skm²)	cm	Datum								
	1	0.830	0.661	18.08.1952	558	445		11.07.1954								
	2	0.880	0.701	04.08.1935	420	335	538	03.06.2013								
	3	0.900	0.717	22.07.1928	244	194		01.08.1955								
	4	0.960	0.765	08.07.1934	213	170		06.07.1958								
	5	0.980	0.781	13.12.1953	205	163		22.08.1970								
	6	1.27	1.01	17.12.1933	205	163		10.08.1961								
	7	1.38	1.10	06.07.1930	160	127	355	13.02.2005								
	8	1.50	1.20	10.07.1964	160	127	350	08.05.1978								
9	1.50	1.20	01.02.1963	155	124	347	08.12.1974									
10	1.54	1.23	18.09.1960	149	119	351	14.01.2011									
(*) Abflussjahr: 1.11. des Vorjahres bis 31.10. Verlegung																

A<sub>E0</sub> : 2186.00 km<sup>2</sup>  
 PNP : NHH+ 179.77 m  
 Lage : 116.00 km oberhalb der Mündung links



Pegel : Gera-Langenberg Nr. 576520  
 Gewässer : Weiße Elster  
 Gebiet : Weiße Elster

Tag	2016			2017													
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez			
1.	K12.8	K 9.01	10.2	7.26	22.8	13.7	K 6.64	K 6.35	K 8.63	K 9.01	K 9.78	K 7.26	K16.6	K24.4			
2.	K 8.01	K 9.39	9.78	7.26	21.2	13.3	K 7.59	K 5.79	K 6.94	K 8.27	K 8.63	K 7.59	K16.1	K21.2			
3.	K 8.27	K11.0	11.9	8.63	20.7	11.9	K 8.27	K 5.79	K 6.06	K10.2	K 9.01	K11.4	K15.2	K19.2			
4.	K 7.59	K10.2	11.4	13.7	20.2	13.3	K 6.64	K11.4	K 6.06	K 6.94	K 8.63	K12.8	K13.3	K18.6			
5.	K 9.01	K 9.78	12.3	17.6	21.2	14.7	K 7.59	K14.2	K 5.79	K 6.06	K 7.59	K13.3	K12.8	K20.2			
6.	K10.2	K 9.78	10.2	19.7	18.6	12.8	K 7.26	K 9.78	K 5.79	K 6.35	K 6.94	K15.2	K21.7	K25.5			
7.	K 9.78	K 9.39	8.63	18.6	19.7	11.4	K 6.64	K 9.01	K 5.79	K 6.06	K 7.59	K13.7	K23.3	K25.5			
8.	K 9.78	K 7.93	12.8	17.1	17.6	10.6	K 6.64	K 8.27	K 7.59	K 6.06	K 7.26	K14.2	K20.2	K24.4			
9.	K 9.01	K 7.26	13.3	15.2	19.7	10.2	K 6.94	K 7.59	K 5.79	K 6.35	K 6.35	K17.1	K22.3	K22.8			
10.	K 9.01	K 7.59	12.8	13.7	21.7	9.39	K 6.64	K 6.94	K 6.94	K12.3	K 6.06	K14.7	K26.1	K21.7			
11.	K 8.63	K 7.26	12.3	11.9	20.7	9.39	K 6.35	K 6.35	K 9.01	K38.4	K 6.35	K15.2	K24.4	K21.2			
12.	K 8.27	K 7.93	R13.3	11.0	20.2	9.01	K 6.64	K 6.06	K 7.59	K24.4	K 6.06	K14.7	K24.4	K22.8			
13.	K 7.93	K 9.78	R13.7	10.6	19.7	9.78	K 8.27	K 6.35	K 7.93	K15.7	K 6.64	K14.2	K27.2	K22.3			
14.	K 7.59	K 9.78	13.7	10.6	17.1	8.63	K 8.27	K 6.35	K 6.06	K11.9	K 7.59	K12.8	K29.5	K21.2			
15.	K 7.59	K 9.78	12.8	10.2	16.6	8.27	K 8.63	K 6.06	K 6.64	K 9.39	K 8.27	K11.0	K28.3	K22.8			
16.	K 9.78	K 9.39	12.8	9.78	16.6	9.01	K 8.63	K 6.94	K 6.35	K 8.63	K 7.59	K 9.78	K25.5	K23.9			
17.	K12.3	K 8.63	14.2	11.4	16.1	9.78	K 7.59	K 6.06	K 5.53	K 8.27	K 6.94	K 8.27	K24.4	K22.8			
18.	K13.3	K 8.27	16.6	19.7	19.2	11.0	K 7.59	K 5.79	K 7.59	K 8.27	K 7.26	K 7.93	K22.8	K22.8			
19.	K17.1	K 9.01	15.2	23.9	35.4	12.8	K 7.93	K 5.79	K 5.53	K11.9	K 6.64	K 7.59	K21.2	K21.7			
20.	K20.7	K 8.27	13.7	25.0	37.2	11.4	K11.0	K 5.79	K 9.39	K 8.63	K 6.64	K10.2	K21.2	K21.7			
21.	K19.7	K 8.27	13.3	36.0	31.8	10.2	K 9.01	K 5.79	K 9.39	K 7.93	K 6.64	K13.7	K22.3	K22.3			
22.	K13.7	K 8.27	10.2	46.1	33.0	10.2	K 6.94	K 6.06	K 6.64	K 7.93	K 6.35	K15.2	K25.5	K29.5			
23.	K11.0	K 8.63	10.2	44.8	33.6	14.2	K 6.64	K14.2	K 6.06	K 6.94	K 6.64	K13.7	K25.0	K32.4			
24.	K11.0	K 8.27	R11.4	42.2	29.5	12.8	K 6.64	K 7.59	K 7.26	K 6.94	K 6.64	K14.2	K23.3	K31.2			
25.	K12.8	K 8.27	R11.4	37.8	23.3	8.63	K 6.06	K 6.06	K 8.63	K 6.64	K 6.64	K14.2	K34.8	K30.6			
26.	K12.3	K 8.27	R11.4	34.2	22.3	7.93	K 6.35	K 5.79	K 9.78	K13.7	K 7.93	K11.4	K52.4	K33.6			
27.	K11.9	K 8.27	R10.2	28.3	21.2	8.27	K 6.35	K 5.79	K14.2	K16.1	K 6.94	K10.2	K42.2	K31.8			
28.	K11.9	K 9.39	8.27	23.3	19.2	7.93	K 6.06	K 5.79	K12.3	K 9.39	K 6.94	K11.4	K37.8	K33.0			
29.	K11.0	K10.2	7.93	18.1	17.6	7.93	K 6.06	K 7.26	K 9.01	K 8.27	K 6.94	K14.7	K33.0	K34.8			
30.	K10.6	K12.3	7.93	17.6	17.6	6.94	K 6.94	K17.6	K 7.26	K 7.26	K 6.94	K18.6	K30.6	K33.0			
31.	K11.4	K11.4	8.27	16.6	16.6	6.94	K 6.94	K 7.59	K 7.59	K 9.39	K 6.94	K16.1	K34.2	K34.2			
Tag	4+	9+	29+	1+	17.	30.	25+	2+	17+	5+	10+	1.	5.	4.			
NQ	7.59	7.26	7.93	7.26	16.1	6.94	6.06	5.79	5.53	6.06	6.06	7.26	12.8	18.6			
MQ	11.1	9.06	11.7	20.6	22.2	10.5	7.28	7.62	7.58	10.4	7.21	12.7	25.4	25.6			
HQ	22.3	12.3	18.6	50.3	41.0	21.2	18.6	26.1	17.1	56.0	11.0	22.8	59.0	36.6			
Tag	20.	2.	20.	22.	19.	23.	19.	30.	20.	11.	14.	29.	26.	28.			
h <sub>N</sub> mm	13	11	14	23	27	12	9	9	9	13	9	16	30	31			
h <sub>A</sub> mm																	
	1950/2016			1951/2017 67 Kalenderjahre													
Jahr	1964	1953	1954+	1954	1963	1993+	2007	1964	1964	1952	1964	1964	1964	1953			
NQ	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	7.13	7.91	9.55	11.0	12.5	11.2	7.40	6.80	5.70	5.53	5.73	5.91	7.23	8.10			
MQ	12.3	16.2	19.2	20.0	25.0	20.6	13.8	13.8	12.0	10.4	9.47	10.5	12.5	16.5			
MHQ	26.5	40.7	46.1	47.1	57.4	45.9	36.2	52.2	44.3	42.4	27.9	27.1	27.2	41.1			
HQ	178.	216.	270.	192.	197.	232.	264.	569.	667.	516.	192.	139.	178.	216.			
Jahr	2002	1974	2011	2005	1956	1980	2013	2013	1954	1981	2007	1974	2002	1974			
Mh <sub>N</sub> mm	15	20	23	22	31	24	17	16	15	13	11	13	15	20			
Mh <sub>A</sub> mm																	
	Abflussjahr (*) 2017				Kalenderjahr 2017				Unterschrittene Abflüsse m³/s								
	Jahr		Datum		Winter		Sommer		Jahr		Datum		Unterschreitungs-dauer in Tagen		1951/2017 67 Kalenderjahre		
															Obere Hüllkurve		
															Mittlere Werte		
															Untere Hüllkurve		
NQ	m³/s		5.53 am 17.07.2017		6.94		5.53		5.53		am 17.07.2017		364		46.1 52.4 631		
MQ	m³/s		11.4		14.1		8.81		14.0				363		44.8 46.1 505		
HQ	m³/s		56.0 am 11.08.2017 bei W = 201 cm		50.3		56.0		59.0		am 26.11.2017 bei W = 212 cm		362		42.2 44.8 415		
Nq	l/(skm²)		2.53		3.17		2.53		2.53				361		38.4 42.2 276		
Mq	l/(skm²)		5.24		6.46		4.03		6.42				360		37.8 42.2 196		
Hq	l/(skm²)		25.6		23.0		25.6		27.0				359		37.2 38.4 173		
h <sub>N</sub>	mm		165		101		64		202				358		36.0 37.8 142		
h <sub>A</sub>	mm		165		101		64		202				357		35.4 37.8 127		
	1951/2017 (*) 67 Jahre				1951/2017				Dauertabelle								
NQ	m³/s		1.90 am 24.12.1953		1.90		1.90		1.90		am 24.12.1953		356		34.2 37.2 126		
MNQ	m³/s		4.14		5.64		4.38		4.14				355		25.0 34.2 108		
MQ	m³/s		15.2		18.9		11.6		15.3				354		21.2 31.2 71.3		
MHQ	m³/s		135		88.5		104		140				353		19.7 25.5 59.4		
HQ	m³/s		667 am 12.07.1954		270		667		667		am 12.07.1954		352		17.6 24.4 52.7		
HQ <sub>1</sub>	m³/s												351		14.7 21.7 41.6		
HQ <sub>5</sub>	m³/s												350		12.8 18.6 35.0		
MNq	l/(skm²)		1.89		2.58		2.00		1.89				349		11.4 14.2 28.4		
Mq	l/(skm²)		6.97		8.64		5.33		6.99				348		10.2 12.8 23.9		
MHq	l/(skm²)		62.0		40.5		47.7		64.1				347		10.2 12.8 23.9		
Mh <sub>N</sub>	mm		220		135		85		221				346		9.39 11.0 20.0		
Mh <sub>A</sub>	mm		220		135		85		221				345		8.27 9.01 17.6		
	Niedrigwasser (n)				Hochwasser												
	m³/s		l/(skm²)		Datum		m³/s		l/(skm²)		cm		Datum				
1	1.90		0.869		12.07.1964		667		305				12.07.1954				
2	1.90		0.869		24.12.1953		569		260		464		03.06.2013				
3	2.04		0.933		19.08.1952		516		236		425		10.08.1981				
4	2.30		1.05		16.09.2004		290		133				11.06.1965				
5	2.61		1.19		26.06.1955		270		124		280		08.01.2011				
6	2.70		1.24		30.07.2002		246		113				02.08.1955				
7	2.83		1.29		20.07.2006		237		108				06.07.1958				
8	2.83		1.29		26.08.2001		232		106		272		28.04.1980				
9	3.00		1.37		13.12.1983		231		106				22.08.1970				
10	3.11		1.42		24.06.2005		221		101				14.01.2011				
													10		5.79 5.79 7.79		
													9		5.79 5.79 7.79		
													8		5.79 5.79 7.79		
													7		5.79 5.79 7.79		
													6		5.79 5.79 7.79		
													5		5.79 5.79 7.79		
													4		5.79 5.79 7.79		
													3		5.79 5.79 7.79		
													2		5.79 5.79 7.79		
													1		5.53 5.53 6.86		
													0		5.53 5.53 6.86		

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 PNP-Verschiebung um -100 cm (09/2013), Wasserstände nicht mehr vergleichbar, Beeinflussung durch TS-Steuerung  
 6 Tage Randeis, 306 Tage Verkrautung

A<sub>E0</sub> : 296.70 km<sup>2</sup>  
 PNP : NHN+ 238.36 m  
 Lage : 7.00 km oberhalb der Mündung rechts



Pegel : Weida  
 Gewässer : Weida  
 Gebiet : Weiße Elster

m<sup>3</sup>/s

	Tag	2016		2017												
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
Tageswerte	1.	0.997	0.924	0.790	K 0.608	K 2.22	K 1.07	K 0.420	K 0.334	0.667	0.728	0.790	0.608	1.07	3.43	
	2.	0.855	0.997	0.790	K 0.553	K 1.85	K 1.07	K 0.553	K 0.334	0.553	0.553	0.855	0.667	1.24	2.62	
	3.	0.855	0.997	0.855	K 0.667	K 1.63	K 1.24	K 0.790	K 0.334	0.420	0.553	1.33	1.24	0.997	2.09	
	4.	1.16	1.16	1.16	K 1.43	K 1.63	K 1.63	K 0.608	K 0.924	0.420	0.504	1.16	1.53	0.728	2.35	
	5.	1.74	1.16	1.16	K 1.43	K 1.63	K 1.63	K 0.377	K 0.667	0.420	0.420	0.997	1.33	0.855	2.88	
	6.	1.74	1.07	1.74	R 1.33	K 1.85	K 1.53	K 1.33	K 0.420	K 0.608	0.420	0.420	0.924	1.33	1.74	4.30
	7.	1.74	0.855	1.74	RRR 1.24	K 1.63	K 1.24	K 1.16	K 0.420	K 0.790	0.420	0.377	0.790	0.997	1.97	4.32
	8.	1.74	0.790	1.74	RR 1.16	K 1.53	K 1.07	K 0.855	K 0.420	K 0.728	0.462	0.377	0.728	0.924	1.43	3.57
	9.	1.74	0.790	1.74	RR 1.33	K 1.33	K 1.07	K 0.790	K 0.420	K 0.608	0.420	0.377	0.608	1.07	1.53	2.75
	10.	1.53	0.790	1.74	R 1.74	K 1.24	K 1.07	K 0.790	K 0.462	K 0.420	0.608	1.07	0.553	0.924	1.63	2.35
	11.	1.33	0.608	1.74	K 1.16	K 0.924	K 0.667	K 0.462	K 0.504	0.855	6.02	0.504	0.924	1.53	2.09	
	12.	1.24	0.667	1.74	K 1.07	K 0.855	K 0.728	K 0.420	K 0.553	0.608	4.32	0.462	1.07	1.43	2.49	
	13.	1.24	0.728	1.85	K 0.924	K 0.924	K 0.790	K 0.504	K 0.462	0.728	2.49	0.420	0.924	1.97	2.62	
	14.	1.07	0.728	1.85	K 0.728	K 1.24	K 0.608	K 0.553	K 0.334	0.608	1.63	0.462	0.997	2.75	2.09	
	15.	0.924	0.608	1.85	K 0.728	K 1.63	K 0.608	K 0.608	K 0.291	0.504	1.43	0.504	0.855	2.88	2.62	
	16.	1.24	0.608	1.85	K 0.728	K 1.97	K 0.790	K 0.667	K 0.334	0.462	1.16	0.553	0.667	2.88	3.30	
	17.	1.53	0.504	2.22	K 0.997	K 1.85	K 0.997	K 0.728	K 0.334	0.420	1.16	0.728	0.462	2.35	3.16	
	18.	1.74	0.504	2.49	K 1.74	K 2.09	K 1.07	K 0.728	K 0.334	0.462	1.16	0.667	0.420	2.35	3.16	
	19.	1.74	0.504	2.35	K 2.09	K 3.43	K 1.24	K 0.553	K 0.334	0.420	0.997	0.504	0.504	2.35	3.43	
	20.	1.63	0.608	2.35	K 1.97	K 4.16	K 1.07	K 0.855	K 0.334	1.07	0.924	0.504	0.504	2.22	3.30	
	21.	1.43	0.924	2.35	K 3.16	K 3.57	K 0.855	K 0.667	K 0.291	1.16	0.790	0.504	0.462	2.35	3.02	
	22.	1.33	0.997	2.22	K 3.57	K 3.30	K 0.855	K 0.504	K 0.334	0.790	0.667	0.504	0.504	2.88	3.30	
	23.	1.33	1.24	2.35	K 4.16	K 3.57	K 0.790	K 0.462	K 0.553	0.728	0.667	0.504	0.504	3.57	3.43	
	24.	1.33	0.924	2.22	K 4.32	K 2.75	K 0.728	K 0.462	K 0.377	0.667	0.504	0.504	1.33	3.02	3.57	
	25.	1.43	0.790	2.22	K 4.48	K 1.85	K 0.667	K 0.462	K 0.334	0.504	0.504	0.462	1.24	4.48	3.71	
	26.	1.43	0.790	2.22	K 4.00	K 1.74	K 0.790	K 0.420	K 0.334	0.855	1.97	0.553	0.997	7.02	3.49	
	27.	1.24	0.790	R 1.53	K 3.02	K 1.63	K 1.07	K 0.420	K 0.334	1.63	2.22	0.728	0.667	6.02	2.30	
	28.	1.16	0.855	RR 0.608	K 2.49	K 1.43	K 1.07	K 0.420	K 0.334	1.33	1.53	0.728	0.790	4.80	2.35	
	29.	0.924	0.855	RR 0.790	K 1.33	K 0.790	K 0.790	K 0.377	K 0.608	0.997	1.33	0.728	1.07	4.00	2.62	
	30.	1.07	0.855	RR 0.553	K 1.24	K 1.24	K 0.420	K 0.420	K 0.924	0.790	1.16	0.608	1.07	3.71	2.88	
	31.	1.07	0.855	0.608	K 1.16	K 1.16	K 0.420	K 0.420		0.790	1.16	0.924			3.02	
Tag	2+	17+	30.	2.	12.	30.	5+	15+	3+	7+	13.	18.	4.	3+		
NQ	0.855	0.504	0.553	0.553	0.855	0.420	0.377	0.291	0.420	0.377	0.420	0.420	0.728	2.09		
MQ	1.35	0.822	1.61	1.92	1.86	0.940	0.516	0.466	0.683	1.26	0.662	0.887	2.59	2.96		
HQ	1.85	1.33	2.75	5.11	4.48	2.22	1.33	2.62	3.16	8.23	1.53	1.85	8.44	4.32		
Tag	5.	22.	17.	21.	19.	4.	19.	29.	10.	11.	3.	4.	25.	7.		
h <sub>N</sub> mm	12	7	14	16	17	8	5	4	6	11	6	8	23	27		
h <sub>A</sub> mm	1922/2016			1923/2017					95 Kalenderjahre <sup>2</sup>							
Jahr	1953	1953	1954	1954+	1954	1960	1966	1934	1930+	1950	1961	1947	1953	1953		
NQ	0.030	0.020	0.030	0.070	0.140	0.040	0.030	0.030	0.010	0.000	0.000	0.030	0.030	0.020		
MNQ	0.556	0.633	0.791	0.965	1.01	0.763	0.527	0.430	0.361	0.299	0.352	0.370	0.542	0.621		
MQ	1.37	1.65	2.20	2.51	3.03	2.27	1.47	1.53	1.04	0.863	0.789	0.996	1.35	1.60		
MHQ	4.26	5.01	6.53	7.45	9.32	7.21	6.10	8.83	5.92	4.95	3.27	3.70	4.12	4.92		
HQ	29.4	32.1	32.0	34.4	56.0	60.9	75.4	123	124	139	26.7	33.2	29.4	32.1		
Jahr	2002	1974	1953	1923	1942	1980	1941	1953	1954	1924	1924	1974	2002	1974		
Mh <sub>N</sub> mm	12	15	20	21	27	20	13	13	9	8	7	9	12	14		
Mh <sub>A</sub> mm																
Hauptwerte	Abflussjahr (*) 2017				Kalenderjahr 2017				Unterschnittene Abflüsse m <sup>3</sup> /s							
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Unter-schreitungs-dauer in Tagen	Abfluss-jahr (*) 2017	Kalender-jahr 2017	1923/2017 95 Kalenderjahre <sup>2</sup>	Mittlere Werte	Untere Hüllkurve				
	NQ m <sup>3</sup> /s	0.291 am 15.06.2017	0.420	0.291	0.291 am 15.06.2017	364	6.02	7.02	139	17.2	1.69					
	MQ m <sup>3</sup> /s	1.08	1.41	0.748	1.36	363	4.48	6.02	70.9	14.7	1.26					
	HQ m <sup>3</sup> /s	8.23 am 11.08.2017 bei W = 113 cm	5.11	8.23	8.44 am 25.11.2017 bei W = 114 cm	362	4.32	6.02	29.8	12.6	1.18					
	Nq l/(skm <sup>2</sup> )	0.981	1.42	0.981	0.981	361	4.32	4.80	26.0	11.5	1.11					
	Mq l/(skm <sup>2</sup> )	3.63	4.75	2.52	4.58	360	4.16	4.48	23.7	10.6	1.11					
	Hq l/(skm <sup>2</sup> )	27.7	17.2	27.7	28.4	359	4.16	4.48	23.3	9.97	1.11					
	h <sub>N</sub> mm					358	4.00	4.32	21.4	9.51	1.11					
	h <sub>A</sub> mm	114	74	40	145	357	3.57	4.32	20.6	9.03	1.09					
		1923/2017 (*) 95 Jahre <sup>2</sup>				1923/2017				Dauertabelle						
	NQ m <sup>3</sup> /s	0.000 am 10.08.1950	0.020	0.000	0.000 am 10.08.1950	210	0.997	1.16	3.78	0.930	0.340					
	MNQ m <sup>3</sup> /s	0.184	0.344	0.205	0.188	183	0.855	0.997	2.91	0.748	0.260					
	MQ m <sup>3</sup> /s	1.64	2.17	1.11	1.63	150	0.790	0.790	2.47	0.590	0.230					
	MHQ m <sup>3</sup> /s	23.6	15.2	17.4	23.6	130	0.667	0.728	2.34	0.510	0.170					
	HQ m <sup>3</sup> /s	139 am 15.08.1924	60.9	139	139 am 15.08.1924	120	0.667	0.667	2.22	0.490	0.170					
	HQ <sub>1</sub> m <sup>3</sup> /s					110	0.608	0.667	2.11	0.450	0.130					
	HQ <sub>5</sub> m <sup>3</sup> /s					100	0.608	0.608	2.00	0.420	0.110					
	MNq l/(skm <sup>2</sup> )	0.619	1.16	0.692	0.634	90	0.553	0.553	2.00	0.400	0.100					
	Mq l/(skm <sup>2</sup> )	5.52	7.32	3.75	5.50	80	0.504	0.504	1.90	0.380	0.070					
MHq l/(skm <sup>2</sup> )	79.7	51.2	58.8	79.6	70	0.504	0.504	1.80	0.340	0.060						
Mh <sub>N</sub> mm					60	0.462	0.462	1.70	0.320	0.060						
Mh <sub>A</sub> mm	174	115	60	174	50	0.462	0.462	1.70	0.290	0.050						
	Niedrigwasser (n)				Hochwasser											
1	0.000	0.000	02.09.1961	139	468	15.08.1924	10	0.334	0.334	1.23	0.130	0.010				
2	0.000	0.000	10.08.1950	124	418	11.07.1954	9	0.334	0.334	1.23	0.120	0.010				
3	0.010	0.034	16.07.1935	123	415	28.06.1953	8	0.334	0.334	1.15	0.110	0.010				
4	0.010	0.034	03.07.1934	104	351	11.06.1965	7	0.334	0.334	1.15	0.100	0.010				
5	0.010	0.034	06.07.1930	75.4	254	21.05.1941	6	0.334	0.334	1.15	0.100	0.010				
6	0.020	0.067	26.12.1953	60.9	209	27.04.1980	5	0.334	0.334	1.15	0.080	0.000				
7	0.020	0.067	20.09.1947	56.0	189	19.03.1942	4	0.334	0.334	1.15	0.070	0.000				
8	0.020	0.067	12.09.1937	52.4	177	06.07.1958	3	0.334	0.334	1.15	0.060	0.000				
9	0.030	0.101	24.05.1966	51.0	172	03.06.2013	2	0.291	0.291	1.07	0.050	0.000				
10	0.040	0.135	31.07.1970	43.5	147	22.08.1970	1	0.291	0.291	1.07	0.030	0.000				
							0	0.291	0.291	1.07	0.000	0.000				

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Beeinflussung durch TS-Steuerung  
<sup>1</sup>1 Tage Grundeis, 7 Tage Randeis, 150 Tage Verkräutung  
<sup>2</sup>Vorsicht: 1.1% Lücken im Zeitraum 1923/2017  
<sup>3</sup>Ausgefallenes Abflussjahr: 1929

A<sub>Eo</sub> : 293.00 km<sup>2</sup>  
 PNP : NHH+ 202.18 m  
 Lage : 62.80 km oberhalb der Mündung rechts



Pegel : Gößnitz Nr. 577510  
 Gewässer: Pleiße  
 Gebiet : Weiße Elster

Tageswerte	Tag	2016		2017											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.		0.989	0.925	1.11	1.44	1.67	1.34	0.989	0.761	0.810	0.713	0.925	0.667	1.18	1.89
2.		1.05	1.11	1.11	1.34	1.56	1.34	1.18	0.810	0.925	0.810	0.925	0.667	1.11	1.67
3.		1.11	0.989	1.11	2.90	1.44	1.34	0.989	0.862	0.810	0.667	0.810	1.44	1.11	1.56
4.		0.989	0.925	1.34	4.94	1.56	1.56	0.989	2.90	0.713	0.626	0.713	0.761	1.05	1.78
5.		1.34	0.925	1.11	4.41	1.44	1.34	1.05	1.18	0.713	0.626	0.713	1.34	1.44	2.33
6.		1.25	0.925	0.989	3.76	1.56	1.11	0.989	0.989	0.713	0.626	0.810	1.11	2.90	2.44
7.		1.34	0.925	2.21	2.78	2.00	1.11	0.925	0.925	0.713	0.626	0.862	0.862	1.56	2.10
8.		1.34	0.862	1.25	2.10	1.67	1.25	0.989	0.862	0.989	0.585	0.544	1.56	1.34	2.00
9.		1.11	0.925	1.05	1.89	2.10	1.18	0.989	0.810	0.713	0.626	0.506	1.44	1.44	2.10
10.		1.25	0.925	0.989	1.67	2.55	1.11	0.862	0.810	1.78	1.44	0.506	1.34	1.34	2.00
11.		1.11	0.925	0.989	1.67	2.00	1.11	0.925	0.810	1.89	6.46	0.472	1.18	1.56	2.10
12.		1.05	1.25	1.11	1.56	1.89	1.11	0.989	0.810	1.56	1.56	0.544	1.11	1.56	2.00
13.		0.989	1.11	1.34	1.56	1.67	1.34	0.925	0.925	1.44	1.05	0.544	0.925	2.21	1.78
14.		1.05	1.05	1.25	1.44	1.56	1.05	1.18	0.862	0.810	0.810	0.761	0.862	1.89	2.00
15.		1.05	1.05	1.05	1.34	1.44	0.989	0.989	0.761	1.34	0.667	0.585	0.862	1.56	2.33
16.		1.67	1.05	1.05	1.25	1.44	1.11	0.925	0.925	0.810	0.667	0.544	0.862	1.44	2.33
17.		1.34	0.989	0.989	1.78	1.44	1.44	0.862	0.761	0.761	0.585	0.626	0.989	1.56	2.21
18.		1.25	0.989	1.05	2.00	2.44	1.56	0.862	0.761	0.713	0.626	0.667	0.862	1.34	2.10
19.		1.11	1.18	0.989	1.89	4.02	1.34	0.925	0.761	0.667	1.05	0.585	0.761	1.34	2.10
20.		1.05	1.05	1.25	2.00	2.78	1.11	1.44	0.810	1.89	0.626	0.544	0.862	2.10	2.33
21.		0.925	1.05	0.989	3.14	2.44	1.05	0.862	0.810	0.810	0.713	0.544	0.810	2.78	2.90
22.		0.925	1.05	1.56	2.67	2.78	1.34	0.862	1.11	0.667	0.376	0.544	1.11	2.78	3.38
23.		0.862	1.05	2.21	5.08	2.21	1.18	0.810	2.44	0.667	0.544	0.544	0.810	2.21	2.78
24.		0.810	0.989	1.34	3.26	2.00	1.05	0.925	0.862	1.05	0.506	0.544	0.667	2.00	2.44
25.		0.810	0.989	0.989	2.33	1.89	1.05	0.810	0.761	1.11	0.626	0.585	0.667	5.63	2.33
26.		0.761	1.05	0.989	2.00	1.78	1.05	0.810	0.713	1.18	1.89	0.626	0.713	4.94	2.21
27.		0.810	1.11	1.18	1.89	1.67	1.05	0.761	0.713	0.925	1.05	0.544	1.44	3.14	2.21
28.		0.925	1.25	1.11	1.78	1.56	0.989	0.761	0.862	0.862	0.862	0.544	1.05	2.90	3.14
29.		0.925	1.44	R 1.05	1.56	1.56	1.05	0.761	1.56	0.506	0.862	0.544	2.78	2.44	2.78
30.		0.925	1.25	R 1.05	1.56	1.56	0.989	0.810	1.25	0.761	0.862	0.544	1.67	2.10	2.44
31.		0.925	1.18	1.78	1.44	1.44	0.810	0.810		1.11	1.44	1.25	1.25	2.44	2.44

Tag	26.	8.	6.+	16.	3.+	15.+	27.+	26.+	29.	22.	11.	1.+	4.	3.
NQ	0.761	0.862	0.989	1.25	1.44	0.989	0.761	0.713	0.506	0.376	0.472	0.667	1.05	1.56
MQ	1.07	1.05	1.21	2.35	1.91	1.19	0.934	1.01	0.981	1.01	0.625	1.08	2.07	2.26
HQ	3.02	1.78	3.14	6.60	4.81	2.10	2.90	7.17	6.46	21.8	1.18	3.76	11.4	4.02
Tag	5.	12.	23.	23.	19.	22.	20.	23.	11.	11.	1.	5.	25.	22.
h <sub>N</sub> mm	9	10	11	19	17	11	9	9	9	6	10	18	21	
h <sub>A</sub> mm														

	1923/2016		1924/2017												94 Kalenderjahre <sup>2</sup>	
Jahr	1949	1949	1950	1950	1950	1950	1950	1950	1949	1948+	1949	1949	1949	1949		
NQ	0.000	0.000	0.040	0.010	0.100	0.030	0.060	0.010	0.000	0.000	0.000	0.000	0.000	0.000		
MNQ	0.956	0.987	1.07	1.19	1.27	1.17	0.981	0.862	0.796	0.748	0.763	0.802	0.956	0.992		
MQ	1.62	1.81	2.15	2.42	2.76	2.06	1.69	1.73	1.55	1.35	1.27	1.36	1.63	1.83		
MHQ	6.30	7.63	10.3	11.2	13.5	9.21	10.7	15.9	12.9	12.6	7.93	6.06	6.41	7.66		
HQ	45.4	43.9	79.5	55.8	77.4	50.5	88.9	172	120.9	102	66.5	47.2	45.4	43.9		
Jahr	1941	1974	1932	1940	1942	1980	1941	2013	1954	2002	1995	1974	1941	1974		
Mh <sub>N</sub> mm	14	17	20	20	25	18	15	15	14	12	11	12	14	17		
Mh <sub>A</sub> mm																

Hauptwerte	Abflussjahr (*)				Kalenderjahr		Unter- schreitungs- dauer in Tagen	Unterschrittene Abflüsse m³/s						
	2017		2017		2017			1924/2017		94 Kalenderjahre <sup>2</sup>				
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Abfluss- jahr (*)	Kalender- jahr	Obere Hüllkurve	Mittlere Werte	Untere Hüllkurve			
NQ	m³/s	0.376 am 22.08.2017	0.761	0.376	0.376 am 22.08.2017	364	6.46	6.46	115	19.0	3.70			
MQ	m³/s	1.19	1.45	0.940	1.38	363	5.08	5.63	61.5	14.4	2.71			
HQ	m³/s	21.8 am 11.08.2017 bei W = 155 cm	6.60	21.8	21.8 am 11.08.2017 bei W = 155 cm	362	4.94	5.08	54.4	12.2	2.04			
Nq	l/(skm²)	1.28	2.60	1.28	1.28	361	4.41	4.94	31.3	10.8	2.04			
Mq	l/(skm²)	4.07	4.96	3.21	4.71	360	4.02	4.94	28.4	9.32	1.90			
Hq	l/(skm²)	74.4	22.5	74.4	74.4	359	3.76	4.41	27.2	8.54	1.85			
h <sub>N</sub>	mm	129	78	51	148	358	3.26	4.02	25.9	7.89	1.85			
h <sub>A</sub>	mm					357	3.14	3.76	19.5	7.35	1.80			
						356	2.90	3.38	18.4	6.98	1.70			
						350	2.67	2.90	15.0	5.29	1.46			
						340	2.10	2.78	11.0	3.95	1.24			
						330	1.89	2.44	9.41	3.17	1.04			
						320	1.67	2.21	8.44	2.75	0.850			
						300	1.56	2.00	6.98	2.25	0.680			
						270	1.34	1.67	5.35	1.83	0.480			
						240	1.18	1.44	4.47	1.57	0.350			
						210	1.05	1.34	3.80	1.38	0.200			
						183	1.05	1.11	3.48	1.25	0.120			
						150	0.989	0.989	2.85	1.11	0.020			
						130	0.925	0.925	2.55	1.00	0.010			
						120	0.862	0.925	2.40	0.970	0.010			
						110	0.862	0.862	2.40	0.940	0.000			
						100	0.862	0.862	2.25	0.890	0.000			
						90	0.810	0.810	2.11	0.880	0.000			
						80	0.810	0.810	1.97	0.830	0.000			
						70	0.761	0.761	1.84	0.800	0.000			
						60	0.761	0.761	1.84	0.761	0.000			
						50	0.713	0.713	1.72	0.720	0.000			
						40	0.667	0.667	1.59	0.680	0.000			
						30	0.626	0.626	1.48	0.610	0.000			
						25	0.626	0.626	1.48	0.570	0.000			
						20	0.585	0.585	1.37	0.520	0.000			
						15	0.544	0.544	1.37	0.470	0.000			
						10	0.544	0.544	1.37	0.350	0.000			
						9	0.544	0.544	1.37	0.290	0.000			
						8	0.544	0.544	1.37	0.290	0.000			
						7	0.544	0.544	1.37	0.240	0.000			
						6	0.544	0.544	1.37	0.200	0.000			
						5	0.506	0.506						