

A<sub>Eo</sub> : 1013.00 km<sup>2</sup>  
 PNP : NHN+ 410.50 m  
 Lage : 357.00 km oberhalb der Mündung mittig



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

m<sup>3</sup>/s

	Tag	2012		2013											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tageswerte	1.	K 6.04	K 6.79	K25.5	K44.5	K 9.40	K 9.85	K12.4	K97.5	K 8.95	K 4.97	K 2.95	K 2.95	K 3.73	K 8.95
	2.	K 6.79	K 5.67	K23.1	K40.7	K 9.40	K 9.85	K10.9	K91.5	K 8.06	K 4.32	K 2.95	K 2.72	K 4.97	K 8.95
	3.	K10.3	K 5.31	K20.8	K33.4	K 9.40	K 9.40	K 9.85	K130	K 7.61	K 4.02	K 2.95	K 2.95	K10.3	K 8.51
	4.	K17.3	K 4.97	K20.2	K29.4	K 9.40	K 8.95	K10.9	K95.4	K 7.20	K 3.73	K 3.19	K 2.95	K15.1	K 7.61
	5.	K15.1	K 5.31	K39.9	K32.7	K 8.51	K 8.51	K 9.85	K66.2	K 7.20	K 3.73	K 2.95	K 2.72	K19.6	K 7.20
	6.	K21.4	K 4.97	K39.9	K34.1	K 9.40	K 8.51	K 8.51	K48.5	K 6.79	K 3.73	K 2.52	K 2.95	K15.6	K 9.40
	7.	K18.5	K 4.64	K39.9	K28.1	K11.4	K 8.06	K13.5	K39.2	K 6.04	K 6.41	K 2.95	K 2.95	K16.2	K 8.51
	8.	K14.5	K 3.73	K35.6	K24.3	K19.0	K 9.40	K15.1	K33.4	K 5.67	K 4.97	K 3.19	K 2.95	K18.5	K 8.06
	9.	K11.4	K 4.32	K32.0	K22.5	K34.8	K11.4	K11.9	K30.7	K 5.67	K 4.64	K10.3	K 2.95	K21.9	K14.0
	10.	K 9.40	K 4.97	K30.0	K20.8	K38.4	K20.2	K11.4	K34.1	K 4.97	K 6.04	K 7.61	K 4.32	K21.9	K21.9
	11.	K 9.85	K 4.97	K28.1	K19.6	K38.4	K25.5	K10.3	K30.0	K 5.31	K 4.97	K 5.67	K 7.61	K21.4	K17.9
	12.	K11.9	K 4.32	K23.7	K17.9	K28.7	K39.9	K 9.40	K24.9	K 4.97	K 4.02	K10.3	K 9.85	K16.8	K15.1
	13.	K 9.40	K 4.32	K21.4	K15.6	K24.3	K37.7	K 8.95	K21.9	K 4.97	K 4.02	K 9.85	K 6.41	K14.5	K13.5
	14.	K 7.61	K 4.64	K19.6	K14.5	K21.4	K28.7	K 8.95	K20.2	K 4.64	K 3.73	K 6.79	K 4.64	K12.9	K12.4
	15.	K 7.20	K 8.51	K17.9	K14.0	K19.6	K24.3	K 7.61	K17.9	K 4.64	K 3.45	K 6.79	K 5.67	K11.9	K11.9
	16.	K 6.41	K27.5	K16.2	K13.5	K17.3	K21.9	K 7.61	K15.6	K 4.32	K 3.19	K 7.20	K 6.41	K 9.85	K11.4
	17.	K 6.41	K46.1	K15.1	K12.9	K16.8	K20.2	K 7.20	K14.0	K 4.32	K 2.95	K11.4	K 6.04	K 8.95	K10.3
	18.	K 6.04	K46.1	K13.5	K12.9	K16.2	K18.5	K25.5	K12.9	K 4.32	K 2.95	K10.9	K 7.61	K 8.51	K 9.85
	19.	K 5.67	K38.4	K11.9	K12.4	K16.2	K16.2	K21.9	K11.4	K 4.32	K 3.19	K15.6	K 6.79	K 8.06	K 8.95
	20.	K 4.64	K28.7	K11.4	K12.4	K16.8	K15.1	K27.5	K12.4	K 4.32	K 5.67	K11.9	K 5.67	K11.4	K 8.95
	21.	K 4.64	K23.1	K10.9	K11.4	K23.1	K14.0	K19.6	K34.1	K 4.02	K 4.02	K 9.40	K 5.31	K14.0	K 8.06
	22.	K 4.32	K19.0	K 9.85	K10.9	K19.0	K12.4	K16.8	K28.1	K 4.02	K 3.45	K 8.06	K 5.31	K12.4	K 8.06
	23.	K 4.32	K41.5	K 8.95	K10.3	K16.2	K11.4	K16.8	K17.3	K 3.73	K 2.95	K 6.41	K 4.64	K10.9	K11.4
	24.	K 4.02	K81.1	K 8.51	K10.9	K14.0	K10.9	K14.5	K14.0	K 3.73	K 2.95	K 5.31	K 4.64	K10.3	K10.9
	25.	K 4.02	K51.8	R 6.79	K10.3	K12.9	K 9.85	K12.9	K13.5	K 7.61	K 2.95	K 4.64	K 4.32	K 9.40	K 9.40
	26.	K 3.73	K39.2	R 6.79	K 9.85	K11.9	K 9.40	K20.8	K12.9	K 4.97	K 6.04	K 4.02	K 4.32	K 8.06	K 8.95
	27.	K 4.02	K39.2	R 6.04	K 9.40	K11.4	K11.4	K36.3	K11.9	K 4.02	K 4.64	K 3.73	K 4.64	K 7.61	K 8.06
	28.	K 4.02	K56.8	R 6.41	K 9.40	K10.3	K16.2	K31.4	K10.9	K 3.73	K 4.02	K 3.45	K 4.32	K 7.20	K 7.61
	29.	K 6.79	K45.3	K10.3	K10.9	K10.9	K11.9	K24.3	K10.3	K14.5	K 3.45	K 3.19	K 4.97	K 7.20	K 7.61
	30.	K 8.06	K34.1	K39.9	K10.9	K10.9	K11.4	K21.4	K10.3	K10.3	K 3.19	K 3.19	K 4.64	K 8.51	K 7.20
	31.		K30.0	K62.7		K10.9		K57.6		K 6.04	K 3.19		K 3.73		K 6.79
Tag	26	8	26+	27+	5	7	17	29+	23+	17+	6	2+	1	31	
NQ	3.73	3.73	6.04	9.40	8.51	8.06	7.20	10.3	3.73	2.95	2.52	2.72	3.73	6.79	
HQ	8.46	23.4	21.4	19.2	17.0	15.7	16.8	33.7	5.84	4.05	6.31	4.77	12.3	10.2	
HQ	25.5	85.8	68.0	52.6	43.7	45.3	79.3	140	23.1	8.51	17.9	12.4	25.5	23.1	
Tag	6	24	31	1	10	12	31	3	29	7	19	11	10	10	
h <sub>N</sub> mm															
h <sub>A</sub> mm	22	62	56	46	45	40	44	86	15	11	16	13	31	27	
	1963/2012		1964/2013 50 Kalenderjahre												
Jahr	1983	1991	1973	1964	1976	1974	1998	1976	1976	1964	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	4.84	5.85	6.95	7.78	8.36	7.91	4.25	3.73	3.11	2.75	2.94	3.40	4.88	5.94	
MQ	10.7	16.9	18.9	16.9	21.9	15.3	8.76	7.73	5.87	5.80	5.79	7.36	10.7	17.0	
MHQ	34.3	60.1	68.5	59.1	67.1	39.5	28.1	28.9	23.1	21.8	21.0	24.8	33.6	60.4	
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	45	50	41	58	39	23	20	16	15	15	19	27	45	
Mh <sub>A</sub> mm															
Hauptwerte	Abflussjahr (*) 2013				Kalenderjahr 2013				Dauertabelle	Unterschrittene Abflüsse m <sup>3</sup> /s					
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschreitungs-dauer in Tagen	Abfluss-jahr (*) 2013		Kalender-jahr 2013	Obere Hüllkurve	Mittlere Werte	Untere Hüllkurve		
	NQ	m <sup>3</sup> /s	2.52	am 06.09.2013	3.73	2.52	2.52	am 06.09.2013		364	130	130	222	108	20.9
	MQ	m <sup>3</sup> /s	14.7		17.6	11.8	13.9			363	97.5	97.5	219	92.3	20.9
	HQ	m <sup>3</sup> /s	140	am 03.06.2013 bei W = 274 cm	85.8	140	140	am 03.06.2013 bei W = 274 cm		362	95.4	95.4	145	80.1	19.8
	Nq	l/(skm <sup>2</sup> )	2.49		3.68	2.49	2.49			361	91.5	91.5	140	72.1	17.1
	Mq	l/(skm <sup>2</sup> )	14.5		17.3	11.7	13.7			360	81.1	81.1	131	66.5	15.9
	Hq	l/(skm <sup>2</sup> )	138		84.7	138	138			359	66.2	62.7	130	61.4	14.3
	h <sub>N</sub>	mm								358	62.7	57.6	116	57.6	13.3
	h <sub>A</sub>	mm	457		271	186	432			357	57.6	48.5	115	54.6	13.2
										356	56.8	44.5	100	52.1	12.5
										355	44.5	39.9	81.9	41.2	12.1
										340	39.2	34.1	61.8	31.6	10.7
										330	34.1	28.7	53.6	26.3	8.78
										320	30.0	24.3	46.2	22.9	7.71
										300	23.1	20.8	32.6	17.6	6.48
										270	17.3	16.2	25.1	13.2	5.42
										240	13.5	12.9	21.0	10.2	4.26
										210	11.4	11.4	16.9	8.30	3.57
										183	9.85	10.3	13.8	7.03	2.83
								150	8.06	8.95	12.2	5.60	1.98		
								130	6.79	8.06	11.1	4.97	1.67		
								120	6.41	7.61	10.6	4.64	1.53		
								110	5.67	7.20	10.1	4.33	1.47		
								100	5.31	6.41	9.64	4.06	1.41		
								90	4.97	6.04	9.15	3.79	1.33		
								80	4.64	5.31	8.70	3.55	1.28		
								70	4.32	4.64	7.35	3.31	1.22		
								60	4.02	4.32	6.50	3.10	1.16		
								50	4.02	4.02	6.50	2.95	0.970		
								40	3.73	3.73	6.12	2.72	0.970		
								30	3.45	3.45	5.85	2.51	0.900		
								25	3.19	3.19	5.58	2.43	0.778		
								20	3.19	3.19	5.31	2.26	0.720		
								15	2.95	2.95	5.04	2.09	0.661		
								9	2.95	2.95	5.04	1.85	0.493		
								8	2.95	2.95	4.79	1.77	0.476		
								7	2.95	2.95	4.79	1.70	0.461		
								6	2.95	2.95	4.79	1.58	0.433		
								5	2.95	2.95	4.54	1.51	0.411		
								4	2.95	2.95	4.54	1.42	0.395		
								3	2.95	2.95	4.54	1.32	0.385		
								2	2.72	2.72	4.29	1.22	0.349		
								1	2.72	2.72	4.29	0.999	0.338		
								0	2.72	2.72	4.29	0.820	0.328		
									2.52	2.52	4.04	0.306	0.306		
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	0.306	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											



A<sub>Eo</sub> : 2678.00 km<sup>2</sup>  
 PNP : NHN+ 190.16 m  
 Lage : 258.00 km oberhalb der Mündung rechts



m<sup>3</sup>/s

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

	Tag	2012		2013											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tageswerte	1.	K17.4	K13.8	K76.1	K74.0	K52.1	K27.9	K35.9	K258	K32.9	15.0	13.8	20.9	8.33	17.9
	2.	K18.5	K12.8	K77.1	K69.9	K40.6	K27.9	K35.2	K240	K26.5	10.5	12.8	20.9	8.76	17.4
	3.	K25.8	K13.3	K74.0	K64.0	K37.5	K25.8	K34.4	K229	K23.7	10.0	12.8	20.3	10.9	16.2
	4.	K29.3	K12.8	K63.0	K63.0	K35.2	K21.6	K35.2	K226	K19.7	9.61	12.8	20.3	12.4	15.0
	5.	K28.6	K12.8	K56.5	K69.9	K29.3	K19.1	K33.7	K218	K17.4	9.61	13.3	20.9	16.8	14.4
	6.	K28.6	K12.4	K55.6	K72.9	K26.5	K18.5	K29.3	K207	K25.1	9.18	15.0	20.9	16.8	15.0
	7.	K27.2	K11.9	K56.5	K74.0	K25.1	K18.5	K25.1	K194	K26.5	9.18	14.4	17.9	17.9	14.4
	8.	K16.2	K10.9	K56.5	K76.1	K27.9	K18.5	K28.6	K177	K24.4	8.76	13.8	13.3	19.7	14.4
	9.	K29.3	K10.9	K57.4	K78.2	K32.2	K19.1	K30.0	K165	K15.6	7.95	17.4	12.8	25.1	14.4
	10.	K29.3	K11.9	K57.4	K76.1	K37.5	K22.3	K29.3	K143	K12.8	7.95	15.0	14.4	27.2	15.6
	11.	K29.3	K10.9	K56.5	K74.0	K43.0	K30.7	K28.6	K120	K12.8	7.58	16.2	15.6	26.5	15.6
	12.	K30.0	K10.5	K54.7	K68.9	K41.4	K53.8	K27.2	K104	K13.3	7.95	17.9	15.0	29.3	15.0
	13.	K20.3	K10.5	K53.0	K58.3	K38.3	K69.9	K30.0	K85.9	K12.8	8.33	18.5	13.8	27.9	15.0
	14.	K15.0	K10.9	K53.0	K48.7	K36.7	K67.9	K37.5	K89.2	K12.8	7.95	17.4	13.3	25.8	15.0
	15.	K14.4	K14.4	K47.1	K39.9	K38.3	K61.1	K39.1	K80.4	K12.8	7.95	16.8	13.8	24.4	15.0
	16.	K13.8	K26.5	K41.4	K39.1	K35.9	K62.1	K38.3	K79.3	K12.8	7.58	17.4	13.8	23.0	14.4
	17.	K12.8	K43.0	K40.6	K38.3	K34.4	K58.3	K41.4	K65.0	K12.4	7.58	18.5	12.4	22.3	14.4
	18.	K12.4	K65.0	K39.9	K38.3	K34.4	K53.8	K44.6	K47.1	K11.9	7.58	17.4	11.9	20.3	14.4
	19.	K11.9	K66.9	K38.3	K39.1	K36.7	K49.5	K33.7	K40.6	K11.4	7.58	17.9	10.5	16.8	15.0
	20.	K11.4	K60.2	K37.5	K39.1	K39.1	K45.4	K54.7	K37.5	K11.4	8.33	17.4	10.5	20.9	15.6
	21.	K10.9	K55.6	K37.5	K38.3	K40.6	K44.6	K53.8	K42.2	K11.9	11.9	17.4	10.5	20.9	17.4
	22.	K10.9	K51.2	K43.0	K37.5	K39.1	K41.4	K70.9	K39.1	K12.4	12.8	16.8	9.61	20.3	17.4
	23.	K10.5	K58.3	K47.9	K36.7	K37.5	K33.7	K67.9	K42.2	K12.4	12.4	16.8	8.33	20.9	19.7
	24.	K 9.18	K94.0	K47.9	K36.7	K35.9	K27.2	K66.9	K37.5	K15.6	12.4	16.8	8.33	23.0	19.7
	25.	K 9.18	K94.0	K41.4	K43.0	K35.9	K27.2	K69.9	K38.3	K16.2	12.4	16.8	8.33	23.7	18.5
	26.	K 8.76	K83.6	K35.9	K54.7	K34.4	K31.5	K72.9	K40.6	K13.8	13.3	16.8	8.33	22.3	19.1
	27.	K 9.18	K81.4	K35.9	K54.7	K32.2	K42.2	K102	K35.9	K13.3	12.8	16.2	9.18	20.9	19.1
	28.	K 9.61	K90.4	K36.7	K54.7	K30.0	K47.9	K105	K39.9	K12.4	12.8	20.3	9.61	19.1	18.5
	29.	K17.4	K89.2	K38.3	K30.0	K30.0	K43.8	K102	K34.4	K14.4	12.8	20.3	8.76	18.5	19.1
	30.	K16.2	K89.2	K50.4	K28.6	K28.6	K38.3	K112	K38.3	K12.4	13.3	20.3	8.76	18.5	19.1
	31.	K16.2	K82.5	K68.9	K28.6	K28.6	K172			K11.9	14.4		8.33		18.5
Tag	26	12.+	26.+	23.+	7.	6.+	7.	29.	19.+	11.+	2.+	23.+	1.	5.+	
NQ	8.76	10.5	35.9	36.7	25.1	18.5	25.1	34.4	11.4	7.58	12.8	8.33	8.33	14.4	
MQ	17.8	42.3	50.8	55.6	35.3	38.3	54.4	106	16.0	10.2	16.5	13.3	20.3	16.4	
HQ	33.7	104	84.8	80.4	55.6	72.9	215	269	39.9	20.9	21.6	21.6	32.2	20.3	
Tag	9.	24.	2.	8.	1.	13.	31.	1.	1.	1.	16.	1.	13.	23.	
h <sub>N</sub> mm			51	50	35	37	54	103	16	10	16	13	20	16	
h <sub>A</sub> mm															
	1942/2012			1943/2013 71 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	
MNQ	13.1	15.5	17.0	19.3	20.3	18.3	12.6	11.8	10.7	10.5	11.6	11.1	13.0	15.5	
MQ	22.9	32.5	36.5	35.2	38.1	35.7	21.5	21.8	17.6	17.0	17.7	18.7	23.0	32.5	
MHQ	43.1	63.7	74.1	67.9	72.9	68.0	45.1	46.1	36.5	33.2	33.8	38.1	43.2	63.6	
HQ	224	175	275	315	179	363	215	269	212	174	114	161	224	175	
Jahr	1998	1993	2003	1946	2002	1994	2013	2013	1958	1981	2007	1998	1998	1993	
Mh <sub>N</sub> mm	22	33	36	32	38	35	21	21	18	17	17	19	22	32	
Mh <sub>A</sub> mm															
Hauptwerte			Abflussjahr (*) 2013				Kalenderjahr 2013				Unterschrittene Abflüsse m <sup>3</sup> /s				
			Jahr	Datum	Winter	Sommer	Jahr	Datum	Abflussjahr (*) 2013		Kalenderjahr 2013		1943/2013 71 Kalenderjahre <sup>2</sup>		
									Unterschreitungs- dauer in Tagen			Obere Hüllkurve	Mittlere Werte	Untere Hüllkurve	
	NQ	m <sup>3</sup> /s	7.58	am 11.08.2013	8.76	7.58	7.58	am 11.08.2013	364	258	258	309	155	32.2	
	MQ	m <sup>3</sup> /s	37.9		39.9	35.9	35.9		363	240	240	240	140	30.3	
	HQ	m <sup>3</sup> /s	269	am 01.06.2013 bei W = 269 cm	104	269	269	am 01.06.2013 bei W = 269 cm	362	229	229	229	129	26.7	
	Nq	l/(skm <sup>2</sup> )	2.83		3.27	2.83	2.83		361	226	226	226	122	25.1	
	Mq	l/(skm <sup>2</sup> )	14.1		14.9	13.4	13.4		360	218	218	218	116	22.2	
	Hq	l/(skm <sup>2</sup> )	100		100	100	100		359	207	207	207	110	21.3	
	h <sub>N</sub>	mm							358	194	194	194	105	21.3	
	h <sub>A</sub>	mm	446		233	213	423		357	177	177	177	100	20.7	
									356	172	172	172	95.2	20.6	
									350	104	104	139	74.0	18.6	
									340	83.6	76.1	126	61.9	18.0	
									330	74.0	69.9	112	53.8	17.5	
								320	69.9	63.0	89.1	47.3	17.0		
								300	56.5	53.8	68.4	39.1	15.9		
								270	43.0	40.6	56.8	30.3	14.0		
								240	38.3	37.5	45.1	24.2	12.8		
								210	35.2	30.0	39.2	20.5	11.1		
								183	28.6	25.1	33.0	18.0	9.20		
								150	20.3	19.1	27.0	16.0	8.40		
								130	17.4	17.9	24.9	14.6	7.84		
								120	16.2	17.4	24.0	14.1	7.84		
								110	15.0	16.2	23.3	13.5	7.48		
								100	13.8	15.0	22.6	12.8	7.48		
								90	13.3	14.4	22.6	12.2	7.20		
								80	12.8	14.4	21.9	11.6	6.80		
								70	12.8	13.3	21.2	11.1	6.80		
								60	12.4	12.8	20.5	10.7	6.40		
								50	11.9	12.4	19.9	10.1	6.40		
								40	10.9	11.9	19.2	9.41	6.40		
								30	9.61	11.5	17.9	8.80	6.00		
								25	9.18	9.61	17.9	8.40	6.00		
								20	8.76	8.76	17.3	8.14	5.70		
								15	8.33	8.33	17.3	7.72	5.40		
								10	8.33	8.33	16.7	7.20	5.10		
								9	7.95	7.95	16.1	7.20	5.10		
								8	7.95	7.95	16.1	7.20	5.10		
								7	7.95	7.95	15.6	7.00	5.00		
								6	7.95	7.95	15.6	6.80	5.00		
								5	7.95	7.95	15.6	6.80	5.00		
								4	7.95	7.95	15.1	6.45	4.60		
								3	7.58	7.58	14.7	6.40	4.60		
								2	7.58	7.58	14.6	6.00	4.32		
								1	7.58	7.58	14.2	5.70	4.04		
								0	7.58	7.58	14.2	3.20	3.20		

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Beeinflussung durch TS-Steuerung  
 273 Tage Verkrautung  
<sup>2</sup>Vorsicht: 2.8% Lücken im Zeitraum 1943/2013  
<sup>3</sup>Ausgefallene Abflussjahre: 1945, 1952



A<sub>Eo</sub> : 158.30 km<sup>2</sup>
PNP : NHH+ 395.61 m
Lage : 11.70 km oberhalb der Mündung rechts



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

m<sup>3</sup>/s

Table with columns for Tag (1-31) and months (Nov, Dez, Jan, Feb, Mrz, Apr, Mai, Jun, Jul, Aug, Sep, Okt, Nov, Dez) for the years 2012 and 2013. It contains daily discharge values in m³/s.

Summary table for the year 2013, including monthly totals (Tag, NQ, MQ, HQ, Tag), average values (h<sub>N</sub>, h<sub>A</sub>), and a comparison with the 89-year period (1924/2012 vs 1925/2013) for various parameters like NQ, MNQ, MQ, MHQ, HQ, and h<sub>N</sub>, h<sub>A</sub>.

Main data table for 2013, divided into 'Abflussjahr (\*) 2013' and 'Kalenderjahr 2013'. It includes flow rate (m³/s), volume (I/(skm²)), and water level (mm) for different measurement points (NQ, MQ, HQ, h<sub>N</sub>, h<sub>A</sub>) and specific dates.

Table of 'Extremwerte' (extreme values) for 2013, categorized into 'Niedrigwasser (n)' and 'Hochwasser'. It lists minimum and maximum discharge values and water levels.

(\* ) Abflussjahr: 1.11. des Vorjahres bis 31.10.
Pegel Möschlitz ersetzt seit 1955 den Pegel Grochwitz. Für die langjährige Statistik erfolgte keine Umrechnung des Abflusses. Nur das HHQ vom 15.08.1924 wurde mit Faktor 0,975 auf Pegel Möschlitz = 97,5 m³/s umgerechnet. Beeinflusst durch TS-Steuerung.
7 Tage Randeis
²Vorsicht: 1.1% Lücken im Zeitraum 1925/2013
²Ausgefallenes Abflussjahr: 1934

A<sub>Eo</sub> : 362.30 km<sup>2</sup>  
PNP : NN+ 239.34 m  
Lage : 1.80 km oberhalb der Mündung rechts



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

m<sup>3</sup>/s

Table with columns for Tag (1-31) and years 2012, 2013. Rows show daily discharge values in m³/s.

Summary table with columns for Tag, NQ, MQ, HQ, Tag, h<sub>N</sub>, h<sub>A</sub>. Rows include annual statistics for 1922/2012, 1923/2013, and 91 Kalenderjahre<sup>2</sup>.

Main data table with columns for Abflussjahr (\*), Kalenderjahr, and Dauertabelle. Rows include NQ, MNQ, MQ, MHQ, HQ, h<sub>N</sub>, h<sub>A</sub> for various years and discharge types.

Extremwerte table with columns for m³/s, I/(skm²), Datum. Rows show extreme values for 10 different discharge types.

(\* ) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
9 Tage Randeis  
2Vorsicht: 1.1% Lücken im Zeitraum 1923/2013  
2Ausgefallenes Abflussjahr: 1929

A<sub>EO</sub> : 122.60 km<sup>2</sup>  
PNP : NHN+ 415.28 m  
Lage : 36.00 km oberhalb der Mündung links



m<sup>3</sup>/s

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

Table with columns for 'Tageswerte' (daily values) and 'Hauptwerte' (main values) for the years 2012 and 2013. It includes data for discharge (m³/s), water level (mm), and various hydrological parameters. The 'Hauptwerte' section is further divided into 'Abflussjahr (\*) 2013' and 'Kalenderjahr 2013' with sub-columns for winter and summer. A 'Dauertabelle' (duration table) is also present, showing discharge over time.

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

A<sub>Eo</sub> : 340.80 km<sup>2</sup>  
 PNP : NHN+ 271.22 m  
 Lage : 13.00 km oberhalb der Mündung rechts



m<sup>3</sup>/s

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

Tag	2012		2013											
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	2.20	3.35	12.5	23.8	3.11	3.35	5.98	65.5	2.65	0.860	0.550	0.860	1.76	5.26
2.	2.88	3.11	10.7	20.3	3.11	3.35	5.50	52.0	2.42	0.750	0.550	0.750	2.20	5.03
3.	3.59	3.35	9.34	17.5	2.88	3.35	5.26	38.5	2.42	0.650	0.550	0.750	3.35	4.79
4.	4.31	3.35	8.90	15.2	2.88	3.35	5.26	25.2	3.83	0.650	0.550	0.750	4.07	4.55
5.	4.31	3.35	8.02	14.3	3.11	3.11	5.03	21.0	4.07	0.750	0.450	0.750	5.26	4.31
6.	4.31	3.35	7.58	12.5	3.35	2.88	4.79	18.5	4.07	0.650	0.450	0.970	5.26	4.31
7.	4.31	3.11	8.02	11.1	3.59	2.88	5.03	16.5	4.07	0.650	0.450	0.860	6.48	4.31
8.	4.31	R 2.88	8.02	9.79	4.07	2.88	5.26	14.3	3.59	0.650	0.370	0.860	6.79	4.55
9.	4.07	R 2.88	8.02	8.90	4.79	3.11	4.79	13.8	2.88	0.650	1.98	0.750	7.16	4.79
10.	4.07	R 2.65	8.02	8.02	5.98	4.07	4.79	13.4	1.50	0.750	1.19	2.20	8.46	4.79
11.	4.07	R 2.65	7.58	R 6.48	8.02	5.26	4.55	12.0	1.30	0.650	1.19	2.65	8.02	4.79
12.	3.83	R 2.65	6.79	R 5.74	8.02	15.2	4.55	10.7	3.35	0.650	1.98	2.42	7.58	4.55
13.	3.59	R 2.65	6.22	5.26	7.58	24.5	4.55	8.46	3.35	1.08	1.98	1.76	6.48	4.79
14.	3.11	2.65	5.98	5.03	6.79	22.4	4.31	11.1	2.88	0.750	1.98	1.50	5.74	4.79
15.	2.88	5.26	5.50	4.79	6.22	17.5	4.31	9.34	2.20	0.750	1.30	2.20	5.03	4.79
16.	2.42	12.0	5.26	4.79	5.74	16.5	4.31	8.90	1.50	0.750	1.76	2.20	5.03	4.55
17.	2.20	19.1	5.03	4.55	5.26	15.6	4.55	7.16	1.19	0.650	3.11	1.76	4.79	4.55
18.	2.20	21.7	4.79	4.31	5.26	12.5	5.26	5.74	1.08	0.550	2.42	1.76	4.55	4.31
19.	2.20	19.1	4.55	4.07	5.50	9.79	4.79	5.50	1.08	0.550	2.20	1.50	4.31	4.79
20.	2.20	15.6	R 4.55	3.83	5.26	8.02	10.2	5.26	0.970	0.550	1.76	1.50	5.26	4.31
21.	1.98	13.8	R 4.31	3.83	5.74	6.79	8.46	5.26	0.970	0.550	1.50	1.30	5.50	3.83
22.	1.76	12.0	R 4.07	3.83	5.26	6.22	8.90	4.79	0.970	0.550	1.30	1.30	5.50	3.59
23.	1.76	17.0	RR 3.83	RR 3.59	4.79	5.50	8.02	4.07	0.860	0.550	1.19	1.19	5.74	4.79
24.	1.76	38.5	RRR 3.59	RRR 3.11	4.55	4.79	8.02	4.31	1.19	0.550	1.19	1.19	7.58	4.55
25.	1.50	37.8	RRR 3.35	RRR 3.11	4.31	4.55	6.79	4.31	1.98	0.650	1.19	1.08	7.58	4.55
26.	1.30	34.0	RRR 3.35	RRR 3.11	4.07	4.31	9.34	3.59	1.08	0.860	1.08	1.30	6.48	4.79
27.	1.76	34.0	RR 3.11	R 3.11	3.83	5.26	21.7	2.88	0.970	0.650	0.970	1.76	5.98	4.79
28.	1.98	37.0	R 3.11	3.11	3.83	7.58	25.2	2.65	0.860	0.550	0.970	1.76	5.74	4.79
29.	4.79	33.3	4.31		3.83	5.98	22.4	2.65	1.30	0.550	0.970	1.50	5.74	5.03
30.	4.31	23.1	12.0		3.59	5.74	18.0	2.65	1.19	0.550	0.970	1.50	5.74	4.79
31.		16.1	21.7		3.35		43.8		0.970	0.550		1.50		5.03
Tag	26	10.+	27.+	24.+	3.+	6.+	14.+	28.+	23.+	18.+	8.	2.+	1.	22.
NQ	1.30	2.65	3.11	3.11	2.88	2.88	4.31	2.65	0.860	0.550	0.370	0.750	1.76	3.59
MQ	3.00	13.9	6.84	7.75	4.76	7.88	9.15	13.3	2.02	0.661	1.27	1.42	5.64	4.63
HQ	12.9	43.0	27.4	27.4	8.02	25.2	68.5	73.8	4.07	1.19	4.79	4.31	10.2	9.34
Tag	29.	24.	31.	1.	11.	13.	31.	1.	4.	13.	17.	10.	10.	19.
h <sub>N</sub> mm														
h <sub>A</sub> mm	23	109	54	55	37	60	72	101	16	5	10	11	43	36
	1983/2012		1984/2013 30 Kalenderjahre											
Jahr	1991	1997	1997	1997	1996	2002+	1999+	2003	2000+	2003	1999	1991	1991	1997
NQ	0.440	0.640	0.640	0.640	0.700	1.08	0.640	0.310	0.370	0.260	0.240	0.350	0.440	0.640
MNQ	1.69	2.25	2.80	2.87	3.43	3.09	1.71	1.22	0.961	0.816	0.769	1.06	1.71	2.30
MQ	4.31	7.19	6.86	6.65	8.45	7.27	3.37	2.97	1.92	1.44	1.87	2.32	4.41	7.22
MHQ	13.9	23.9	31.3	19.9	27.6	25.2	10.3	10.6	8.50	4.73	7.77	7.89	13.7	24.0
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														
Mh <sub>A</sub> mm	33	56	68	48	66	55	26	23	15	11	14	18	34	57
	Abflussjahr (*) 2013				Kalenderjahr 2013				Unterschrittene Abflüsse m <sup>3</sup> /s					
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschnittungs- dauer in Tagen	Abfluss- jahr (*) 2013	Kalender- jahr 2013	1984/2013 30 Kalenderjahre				
										Oberer Hüllkurve	Mittlere Werte	Untere Hüllkurve		
NQ	m <sup>3</sup> /s	0.370 am 08.09.2013	1.30	0.370	0.370 am 08.09.2013		364	65.5	65.5	160	50.6	12.5		
MQ	m <sup>3</sup> /s	5.98 am 01.06.2013 bei W = 158 cm	7.37	4.62	5.41 am 01.06.2013 bei W = 158 cm		363	52.0	52.0	89.5	40.0	12.0		
HQ	m <sup>3</sup> /s	73.8 am 01.06.2013 bei W = 158 cm	43.0	73.8	73.8 am 01.06.2013 bei W = 158 cm		362	43.8	43.8	64.0	36.3	12.0		
Nq	l/(skm <sup>2</sup> )	1.09	3.81	1.09	1.09		361	38.5	38.5	63.3	32.5	10.7		
Mq	l/(skm <sup>2</sup> )	17.6	21.6	13.5	15.9		360	38.5	25.2	55.0	29.9	10.7		
Hq	l/(skm <sup>2</sup> )	217	126	217	217		359	37.8	25.2	46.3	27.3	10.7		
h <sub>N</sub>	mm						358	37.0	24.5	43.1	24.7	9.90		
h <sub>A</sub>	mm	554	338	215	501		357	34.0	23.8	40.0	23.1	9.90		
							356	34.0	22.4	39.3	21.7	9.90		
							355	23.1	18.5	30.3	17.1	8.90		
							350	18.5	14.3	20.9	13.5	7.16		
							340	15.2	10.7	17.8	11.1	5.50		
							320	12.0	8.90	16.1	9.16	4.29		
							300	8.02	7.58	13.0	7.04	3.37		
							270	5.74	5.74	8.38	5.17	2.51		
							240	4.79	5.03	6.48	3.99	1.98		
							210	4.31	4.79	5.50	3.11	1.19		
							183	3.59	4.31	5.03	2.65	0.970		
							150	3.11	3.59	4.07	2.00	0.750		
							130	2.65	3.11	3.44	1.76	0.750		
							120	2.42	2.88	3.21	1.54	0.650		
							110	2.20	2.42	2.88	1.42	0.650		
							100	1.76	1.98	2.88	1.30	0.650		
							90	1.50	1.76	2.65	1.19	0.640		
							80	1.30	1.30	2.42	1.08	0.550		
							70	1.19	1.19	2.32	1.04	0.550		
							60	1.08	1.08	2.20	0.970	0.450		
							50	0.970	0.970	2.00	0.860	0.450		
							40	0.750	0.750	1.68	0.780	0.450		
							30	0.750	0.750	1.92	0.700	0.450		
							25	0.650	0.650	1.92	0.650	0.370		
							20	0.650	0.650	1.92	0.650	0.310		
							15	0.550	0.550	1.92	0.580	0.310		
							10	0.550	0.550	1.82	0.550	0.310		
							9	0.550	0.550	1.82	0.520	0.310		
							8	0.550	0.550	1.82	0.520	0.310		
							7	0.550	0.550	1.82	0.510	0.310		
							6	0.550	0.550	1.82	0.470	0.280		
							5	0.550	0.550	1.82	0.450	0.280		
							4	0.550	0.550	1.76	0.420	0.280		
							3	0.450	0.450	1.76	0.410	0.240		
							2	0.450	0.450	1.76	0.370	0.240		
							1	0.450	0.450	1.76	0.320	0.240		
							0	0.370	0.370	1.76	0.240	0.240		
	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	0.240	0.704	16.09.1999	218	640	267	13.04.1994							
2	0.260	0.763	14.08.2003	90.3	265	180	03.01.2003							
3	0.320	0.939	15.06.2000	89.5	263	179	28.01.2002							
4	0.350	1.03	16.09.1991	79.0	232	165	26.02.1997							
5	0.370	1.09	08.09.2013	77.5	227	163	03.03.1999							
6	0.370	1.09	01.09.2008	76.										



A<sub>Eo</sub> : 255.30 km<sup>2</sup>  
 PNP : NHN+ 170.60 m  
 Lage : 1.80 km oberhalb der Mündung rechts



m<sup>3</sup>/s

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

	Tag	2012		2013											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tageswerte	1.	K 0.600	K 1.25	K 2.39	K 4.04	K 1.37	K 1.50	K 3.59	23.1	K 1.79	K 0.890	K 1.94	K 0.890	K 0.780	K 1.01
	2.	K 0.530	K 1.01	K 2.09	K 3.89	K 1.50	K 1.25	K 3.14	17.5	K 1.64	K 0.890	K 1.94	K 1.01	K 0.780	K 0.780
	3.	K 0.530	K 0.890	K 1.79	K 3.44	K 1.64	K 1.25	K 2.99	20.7	K 1.50	K 0.780	K 1.94	K 0.890	K 0.780	K 0.890
	4.	K 0.530	K 0.780	K 1.64	K 3.59	K 1.64	K 1.25	K 2.99	14.3	K 1.50	K 0.890	K 2.09	K 0.890	K 0.780	K 0.780
	5.	K 0.530	K 0.780	K 3.29	K 4.19	K 2.09	K 1.25	K 2.69	10.1	K 1.50	K 0.890	K 2.09	K 0.890	K 0.890	K 0.780
	6.	K 0.600	K 0.680	K 3.59	K 3.74	K 2.84	K 1.13	K 2.39	7.68	K 1.37	K 1.37	K 2.09	K 0.890	K 0.780	K 1.01
	7.	K 0.600	K 0.680	K 4.34	K 3.29	K 3.44	K 1.13	K 2.84	6.34	K 1.37	K 1.50	K 1.94	K 0.890	K 1.01	K 0.890
	8.	K 0.530	R 0.600	K 4.19	K 2.99	K 4.64	K 1.25	K 2.84	5.46	K 1.37	K 0.890	K 1.94	K 0.890	K 0.890	K 0.890
	9.	K 0.600	R 0.600	K 4.19	K 2.69	K 5.46	K 1.64	K 2.54	5.46	K 1.25	K 0.890	K 4.04	K 0.890	K 0.780	K 0.890
	10.	K 0.530	R 0.600	K 4.19	K 2.39	K 5.46	K 3.14	K 2.54	7.28	K 1.13	K 0.890	K 1.94	K 1.50	K 0.890	K 1.01
	11.	K 0.600	K 0.600	K 4.04	K 2.09	K 5.29	K 3.44	K 2.39	6.16	K 1.13	K 0.890	K 1.64	K 1.64	K 0.890	K 0.890
	12.	K 0.680	K 0.600	K 3.44	K 2.09	K 4.34	K 4.49	K 2.24	5.12	K 1.13	K 0.780	K 1.94	K 1.37	K 0.890	K 0.890
	13.	K 0.530	K 0.680	K 2.99	K 1.94	K 3.74	K 4.34	K 2.24	4.64	K 1.13	K 1.25	K 1.79	K 1.01	K 0.890	K 0.890
	14.	K 0.530	K 0.600	K 2.69	K 1.79	K 3.29	K 3.59	K 2.09	4.96	K 1.13	K 0.890	K 1.79	K 1.01	K 0.780	K 0.890
	15.	K 0.530	K 0.890	K 2.39	K 1.64	K 2.84	K 2.99	K 1.94	3.89	K 1.13	K 0.890	K 1.64	K 1.01	K 0.780	K 0.890
	16.	K 0.470	K 1.64	K 2.09	K 1.64	K 2.69	K 2.54	K 2.24	3.44	K 1.01	K 0.780	K 2.24	K 0.890	K 0.780	K 0.890
	17.	K 0.470	K 2.39	K 2.09	K 1.64	K 2.54	K 2.39	K 1.94	3.14	K 1.01	K 0.780	K 2.54	K 1.01	K 0.780	K 0.780
	18.	K 0.470	K 2.69	K 1.79	K 1.64	K 2.54	K 2.09	K 4.80	2.84	K 0.890	K 0.780	K 1.50	K 1.01	K 0.780	K 0.780
	19.	K 0.530	K 2.54	K 1.64	K 1.64	K 2.69	K 2.09	K 3.44	2.54	K 0.890	K 0.890	K 1.25	K 1.01	K 0.780	K 0.680
	20.	K 0.470	K 2.24	K 1.50	K 1.64	K 2.99	K 1.94	K 5.46	3.14	K 0.780	K 0.890	K 1.25	K 0.780	K 1.37	K 0.680
	21.	K 0.470	K 1.94	K 1.50	K 1.64	K 3.29	K 2.09	K 3.74	4.80	K 0.780	K 1.01	K 1.25	K 0.890	K 1.25	K 0.680
	22.	K 0.530	K 1.79	K 1.50	K 1.50	K 2.84	K 1.94	K 3.74	3.29	K 0.780	K 0.890	K 1.25	K 0.780	K 1.25	K 0.680
	23.	K 0.470	K 3.74	K 1.37	K 1.50	K 2.54	K 1.79	K 3.29	2.84	K 0.780	K 1.01	K 1.25	K 0.780	K 1.25	K 0.780
	24.	K 0.470	K 6.52	K 1.37	K 1.50	K 2.24	K 1.94	K 3.14	2.84	K 0.780	K 0.890	K 1.25	K 0.780	K 1.37	K 0.680
	25.	K 0.470	K 4.80	K 1.25	K 1.37	K 2.09	K 1.79	K 2.84	2.69	K 1.13	K 1.01	K 1.25	K 0.780	K 1.13	K 0.680
	26.	K 0.470	K 3.74	K 1.25	K 1.37	K 1.94	K 1.94	K 5.46	2.69	K 0.890	K 1.25	K 1.25	K 0.780	K 1.13	K 0.680
	27.	K 0.530	K 3.14	K 1.13	K 1.37	K 1.79	K 3.14	K 11.7	K 2.09	K 0.780	K 1.13	K 1.25	K 1.01	K 1.01	K 0.680
	28.	K 0.680	K 4.64	K 1.13	K 1.25	K 1.64	K 5.46	8.88	K 2.09	K 0.780	K 1.13	K 1.13	K 1.01	K 0.890	K 1.01
	29.	K 2.69	K 3.74	K 1.94	K 1.64	K 1.64	K 4.34	6.52	K 2.09	K 2.09	K 1.13	K 1.13	K 1.01	K 0.890	K 1.01
	30.	K 1.79	K 3.14	K 4.80	K 1.64	K 1.64	K 3.74	5.46	K 1.94	K 1.25	K 1.25	K 1.13	K 0.890	K 1.01	K 0.680
	31.		K 2.84	K 4.64	K 4.64	K 1.50		19.5		K 1.01	K 1.25		K 0.780		K 0.680
Tag	16.+	8.+	27.+	28.	1.	6.+	15.+	30.	20.+	3.+	28.+	20.+	1.+	19.+	
NQ	0.470	0.600	1.13	1.25	1.37	1.13	1.94	1.94	0.780	0.780	1.13	0.780	0.780	0.680	
MQ	0.648	2.02	2.52	2.27	2.78	2.43	4.25	6.17	1.15	0.989	1.72	0.955	0.950	0.799	
HQ	3.59	7.48	5.80	5.29	5.80	7.88	23.1	24.7	4.64	6.52	7.08	3.44	2.09	1.50	
Tag	29.	24.	30.	5.	10.	28.	31.	1.	29.	6.	9.	11.	20.	6.	
h <sub>N</sub> mm															
h <sub>A</sub> mm	7	21	26	21	29	25	45	63	12	10	17	10	10	8	
	1927/2012		1928/2013 86 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	0.756	0.774	0.851	0.923	0.959	0.948	0.826	0.743	0.743	0.749	0.820	0.820	0.759	0.776	
MQ	1.21	1.29	1.47	1.52	1.79	1.60	1.46	1.45	1.22	1.14	1.17	1.24	1.22	1.28	
MHQ	3.28	3.57	3.89	3.95	4.89	4.75	5.29	5.78	5.29	4.32	3.84	3.28	3.28	3.54	
HQ	21.1	16.4	19.5	14.9	38.4	25.6	26.5	26.7	45.0	19.5	22.9	18.1	21.1	16.4	
Jahr	1941	1974	2011	1941	1942	1980	1941	1961	1932	1977	2007	1974	1941	1974	
Mh <sub>N</sub> mm	12	13	15	14	19	16	15	15	13	12	12	13	12	13	
Mh <sub>A</sub> mm															
Hauptwerte			Abflussjahr (*) 2013				Kalenderjahr 2013		Unterschrittene Abflüsse m <sup>3</sup> /s						
			Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschreitungs- dauer in Tagen	Abfluss- jahr (*) 2013	Kalender- jahr 2013	1928/2013 86 Kalenderjahre <sup>2</sup>			
												Oberer Hüllkurve	Mittlere Werte	Untere Hüllkurve	
	NQ	m <sup>3</sup> /s	0.470	am 16.11.2012	0.470	0.780	0.680	am 19.12.2013	364	23.1	23.1	23.9	10.1	1.48	
	MQ	m <sup>3</sup> /s	2.32		2.12	2.52	2.24		363	20.7	20.7	20.7	8.12	1.45	
	HQ	m <sup>3</sup> /s	24.7	am 01.06.2013 bei W = 139 cm	7.88	24.7	24.7	am 01.06.2013 bei W = 139 cm	362	19.5	19.5	19.5	6.97	1.43	
	Nq	l/(skm <sup>2</sup> )	1.84		1.84	3.06	2.66		361	17.5	17.5	17.5	6.31	1.43	
	Mq	l/(skm <sup>2</sup> )	9.09		8.29	9.89	8.78		360	14.3	14.3	14.3	5.75	1.43	
	Hq	l/(skm <sup>2</sup> )	96.7		30.9	96.7	96.7		359	11.7	11.7	13.2	5.43	1.42	
	h <sub>N</sub>	mm							358	10.1	10.1	11.8	5.19	1.31	
	h <sub>A</sub>	mm	287		130	157	277		357	8.88	8.88	10.1	4.96	1.31	
									356	7.68	7.68	9.85	4.75	1.20	
									355	5.46	5.46	8.20	3.85	0.990	
									340	4.96	4.80	6.63	3.14	0.820	
									330	4.34	4.34	5.95	2.69	0.750	
								320	4.04	3.74	5.37	2.38	0.720		
								300	3.44	3.29	5.10	1.94	0.620		
								270	2.84	2.54	4.71	1.55	0.540		
								240	2.24	2.09	3.74	1.32	0.510		
								210	1.94	1.79	3.41	1.14	0.480		
								183	1.64	1.50	2.54	0.990	0.460		
								150	1.37	1.25	2.33	0.860	0.400		
								130	1.25	1.13	2.23	0.790	0.310		
								120	1.13	1.13	2.23	0.750	0.290		
								110	1.13	1.01	2.12	0.700	0.290		
								100	1.01	1.01	2.12	0.680	0.250		
								90	1.01	0.890	2.02	0.660	0.230		
								80	0.890	0.890	2.02	0.610	0.210		
								70	0.890	0.890	1.82	0.600	0.210		
								60	0.890	0.890	1.72	0.570	0.180		
								50	0.780	0.890	1.63	0.530	0.160		
								40	0.780	0.780	1.54	0.500	0.160		
								30	0.600	0.780	1.39	0.460	0.140		
								25	0.600	0.780	1.39	0.430	0.140		
								20	0.530	0.780	1.24	0.420	0.140		
								15	0.530	0.780	1.05	0.390	0.140		
								9	0.530	0.680	1.05	0.350	0.120		
								8	0.470	0.680	1.04	0.340	0.120		
								7	0.470	0.680	1.00	0.330	0.120		
								6	0.470	0.680	1.00	0.310	0.120		
								5	0.470	0.680	1.00	0.300	0.120		
								4	0.470	0.680	1.00	0.280	0.110		
								3	0.470	0.680	0.990	0.250	0.110		
								2	0.470	0.680	0.970	0.230	0.110		
								1	0.470	0.680	0.970	0.180	0.070		
								0	0.470	0.680	0.930	0.060	0.060		
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	0.060	0.235	20.03.1930	45.0	176		15.07.1932							
	2	0.100	0.392	11.03.1944	38.4	150		18.03.1942							
	3	0.100	0.392	24.03.1943	26.7	105		10.06.1961							
	4	0.120	0.470	25.05.1990	25.6	104		21.05.1941							
	5	0.150	0												

A<sub>Eo</sub> : 254.50 km<sup>2</sup>  
 PNP : NHN+ 159.67 m  
 Lage : 5.00 km oberhalb der Mündung rechts



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

m<sup>3</sup>/s

	Tag	2012		2013											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tageswerte	1.	K 0.663	K 0.845	K 1.12	K 1.32	K 1.12	K 1.12	K 1.19	K 22.8	K 1.46	K 1.01	K 1.01	K 0.951	K 0.848	K 0.848
	2.	K 0.623	K 0.796	K 1.12	K 1.39	K 1.19	K 1.12	K 1.19	K 13.4	K 1.46	K 1.01	K 1.01	K 0.951	K 0.848	K 0.848
	3.	K 0.706	K 0.750	K 1.06	K 1.32	K 1.19	K 1.06	K 1.25	K 20.0	K 1.46	K 1.01	K 1.01	K 0.951	K 0.848	K 0.848
	4.	K 0.750	K 0.750	K 1.06	K 1.39	K 1.19	K 1.06	K 1.25	K 8.20	K 1.39	K 1.25	K 1.01	K 0.898	K 0.951	K 0.848
	5.	K 0.750	K 0.750	K 1.93	K 1.76	K 1.25	K 1.06	K 1.19	K 5.35	K 1.39	K 1.25	K 1.01	K 0.898	K 0.951	K 0.848
	6.	K 0.750	K 0.706	K 1.85	K 1.46	K 1.39	K 1.06	K 1.12	K 4.09	K 1.39	K 1.19	K 1.01	K 0.951	K 0.898	K 0.898
	7.	K 0.750	K 0.663	K 1.93	K 1.25	K 1.61	K 1.12	K 1.19	K 3.22	K 1.32	K 1.62	K 0.951	K 0.951	K 1.01	K 0.848
	8.	K 0.750	R 0.663	K 1.61	K 1.19	K 2.02	K 1.25	K 1.32	K 2.96	K 1.25	K 1.19	K 1.01	K 1.01	K 0.951	K 0.898
	9.	K 0.706	R 0.663	K 1.76	K 1.12	K 1.85	K 1.39	K 1.19	K 3.64	K 1.32	K 1.06	K 2.37	K 0.898	K 0.898	K 0.898
	10.	K 0.750	R 0.663	K 1.85	K 1.12	K 1.68	K 1.46	K 1.12	K 5.99	K 1.39	K 1.01	K 0.898	K 1.32	K 0.848	K 0.898
	11.	K 0.750	R 0.663	K 1.61	K 1.06	K 1.61	K 1.53	K 1.12	K 4.87	K 1.32	K 1.01	K 0.898	K 1.54	K 0.898	K 0.848
	12.	K 0.750	K 0.663	K 1.39	K 1.06	K 1.39	K 2.37	K 1.12	K 3.50	K 1.46	K 0.951	K 0.951	K 1.19	K 0.898	K 0.848
	13.	K 0.663	K 0.663	K 1.19	K 1.01	K 1.32	K 1.76	K 1.12	K 2.71	K 1.19	K 1.12	K 0.951	K 0.898	K 0.951	K 0.898
	14.	K 0.663	K 0.663	K 1.12	K 1.01	K 1.25	K 1.46	K 1.12	K 3.22	K 1.12	K 1.12	K 0.898	K 0.848	K 0.898	K 0.898
	15.	K 0.623	K 0.750	K 1.12	K 1.01	K 1.19	K 1.32	K 1.12	K 2.71	K 1.12	K 1.12	K 0.898	K 0.898	K 0.898	K 0.848
	16.	K 0.623	K 0.845	K 1.06	K 1.01	K 1.12	K 1.25	K 1.32	K 2.37	K 1.12	K 0.951	K 0.951	K 0.898	K 0.898	K 0.799
	17.	K 0.663	K 0.896	K 1.06	K 1.01	K 1.12	K 1.25	K 1.19	K 2.37	K 1.06	K 0.951	K 1.32	K 0.898	K 0.848	K 0.799
	18.	K 0.623	K 0.896	K 1.06	K 1.01	K 1.19	K 1.25	K 1.93	K 2.27	K 1.01	K 0.951	K 1.12	K 0.951	K 0.799	K 0.799
	19.	K 0.623	K 0.896	R 1.01	K 1.01	K 1.32	K 1.25	K 1.53	K 2.17	K 1.01	K 0.951	K 0.898	K 0.951	K 0.848	K 0.799
	20.	K 0.623	K 0.845	R 0.950	K 1.01	K 1.32	K 1.25	K 2.19	K 2.17	K 1.06	K 1.01	K 0.848	K 1.01	K 1.12	K 0.799
	21.	K 0.623	K 0.796	R 0.950	K 1.01	K 1.46	K 1.19	K 1.46	K 4.24	K 1.01	K 0.951	K 0.898	K 0.848	K 1.06	K 0.799
	22.	K 0.583	K 0.796	R 0.950	K 1.01	K 1.32	K 1.19	K 1.53	K 2.17	K 1.01	K 0.951	K 0.898	K 0.898	K 0.951	K 0.799
	23.	K 0.583	K 1.53	R 0.950	K 1.01	K 1.25	K 1.19	K 1.53	K 2.01	K 1.01	K 0.951	K 0.898	K 0.848	K 0.951	K 0.898
	24.	K 0.583	K 2.83	R 0.950	K 1.01	K 1.19	K 1.19	K 1.39	K 1.85	K 1.06	K 0.951	K 0.848	K 0.848	K 0.898	K 0.898
	25.	K 0.583	K 1.76	R 0.896	K 1.01	K 1.19	K 1.12	K 1.32	K 1.77	K 1.06	K 0.951	K 0.848	K 0.898	K 0.951	K 0.848
	26.	K 0.583	K 1.39	K 0.896	K 1.01	K 1.19	K 1.19	K 4.87	K 1.77	K 1.06	K 1.19	K 0.848	K 0.951	K 0.898	K 0.898
	27.	K 0.623	K 1.25	K 0.896	K 1.01	K 1.12	K 1.61	K 11.2	K 1.77	K 1.06	K 1.06	K 0.898	K 1.01	K 0.848	K 0.898
	28.	K 0.623	K 1.85	K 0.950	K 1.01	K 1.06	K 2.74	K 4.71	K 1.93	K 1.01	K 1.01	K 0.898	K 1.06	K 0.848	K 0.898
	29.	K 1.46	K 1.39	K 1.06		K 1.12	K 1.53	K 2.96	K 1.77	K 1.32	K 0.898	K 0.898	K 0.951	K 0.848	K 0.898
	30.	K 1.12	K 1.25	K 1.93		K 1.12	K 1.19	K 2.96	K 1.62	K 1.19	K 0.898	K 0.898	K 0.898	K 0.898	K 0.898
	31.		K 1.19	K 1.76		K 1.12			K 25.0		K 1.06	K 0.898	K 0.898	K 0.898	K 0.848
Tag	22.+	7.+	25.+	13.+	28.	3.+	6.+	30.	18.+	29.+	20.+	14.+	18.	16.+	
NQ	0.583	0.663	0.896	1.01	1.06	1.06	1.12	1.62	1.01	0.898	0.848	0.848	0.799	0.799	
MQ	0.706	1.00	1.26	1.13	1.31	1.35	2.73	4.63	1.20	1.05	0.995	0.969	0.914	0.858	
HQ	2.10	3.50	2.93	2.02	2.28	4.18	69.5	46.8	2.27	2.71	4.71	2.09	1.39	1.06	
Tag	29.	24.	5.	5.	8.	28.	31.	3.	29.	7.	9.	10.	20.	13.	
h <sub>N</sub> mm	7	11	13	11	14	14	29	47	13	11	10	10	9	9	
h <sub>A</sub> mm															
	1947/2012		1948/2013 66 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	0.835	0.860	0.902	0.924	0.936	0.960	0.930	0.820	0.776	0.739	0.771	0.794	0.834	0.858	
MQ	1.07	1.16	1.30	1.26	1.41	1.37	1.30	1.27	1.09	1.01	0.968	1.02	1.06	1.15	
MHQ	2.24	2.62	3.19	2.90	3.45	4.42	4.86	5.73	3.54	3.30	3.08	2.53	2.24	2.56	
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	14	12	15	14	14	13	12	11	10	11	11	12	
Mh <sub>A</sub> mm															
Hauptwerte			Abflussjahr (*) 2013				Kalenderjahr 2013				Unterschrittene Abflüsse m <sup>3</sup> /s				
			Jahr	Datum	Winter	Sommer	Jahr	Datum	Abflussjahr (*) 2013		Kalenderjahr 2013		1948/2013 66 Kalenderjahre		
	NQ	m <sup>3</sup> /s	0.583	am 22.11.2012	0.583	0.848	0.799	am 18.11.2013	364		25.0	25.0	37.1	7.62	1.19
	MQ	m <sup>3</sup> /s	1.53		1.13	1.92	1.53		363		22.8	22.8	28.8	5.97	1.01
	HQ	m <sup>3</sup> /s	69.5	am 31.05.2013 bei W = 260 cm	4.18	69.5	69.5	am 31.05.2013 bei W = 260 cm	362		20.0	20.0	20.0	5.13	0.950
	Nq	l/(skm <sup>2</sup> )	2.29		2.29	3.33	3.14		361		13.4	13.4	14.2	4.65	0.950
	Mq	l/(skm <sup>2</sup> )	5.99		4.43	7.54	6.01		360		11.2	11.2	12.3	4.10	0.950
	Hq	l/(skm <sup>2</sup> )	273		16.4	273	273		359		8.20	8.20	10.2	3.86	0.900
	h <sub>N</sub>	mm							358		5.99	5.99	10.0	3.63	0.850
	h <sub>A</sub>	mm	189		69	120	190		357		5.35	5.35	8.95	3.35	0.800
									356		4.87	4.87	8.95	3.17	0.800
									355		3.50	3.50	6.37	2.59	0.800
									340		2.37	2.37	5.27	2.11	0.750
									330		2.01	1.93	4.57	1.84	0.710
									320		1.85	1.77	3.86	1.67	0.670
									300		1.53	1.53	3.48	1.44	0.630
									270		1.32	1.32	3.10	1.25	0.590
									240		1.25	1.19	2.76	1.13	0.590
									210		1.12	1.12	2.42	1.06	0.550
									183		1.12	1.06	2.25	0.980	0.550
								150		1.01	1.01	2.11	0.900	0.480	
								130		1.01	1.01	2.11	0.850	0.450	
								120		1.01	0.951	1.97	0.830	0.450	
								110		0.951	0.951	1.97	0.800	0.450	
								100		0.951	0.951	1.97	0.790	0.450	
								90		0.950	0.950	1.83	0.750	0.450	
								80		0.898	0.898	1.83	0.750	0.450	
								70		0.898	0.898	1.83	0.710	0.420	
								60		0.896	0.898	1.69	0.680	0.420	
								50		0.848	0.898	1.69	0.670	0.360	
								40		0.750	0.898	1.69	0.630	0.360	
								30		0.750	0.848	1.55	0.600	0.360	
								25		0.663	0.848	1.55	0.590	0.320	
								20		0.663	0.848	1.44	0.570	0.320	
								15		0.623	0.848	1.44	0.546	0.320	
								10		0.623	0.848	1.44	0.480	0.250	
								9		0.623	0.848	1.44	0.480	0.250	
								8		0.623	0.848	1.33	0.480	0.250	
								7		0.623	0.799	1.33	0.460	0.250	
								6		0.623	0.799	1.33	0.450	0.250	
								5		0.623	0.799	1.33	0.450	0.250	
								4		0.583	0.799	1.33	0.450	0.250	
								3		0.583	0.799	1.33	0.420	0.250	
								2		0.583	0.799	1.33	0.390	0.250	
								1		0.583	0.799	1.22	0.330	0.250	
								0		0.583	0.799	1.00	0.220	0.220	
Extremwerte			Niedrigwasser (n)				Hochwasser								
	1		m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum						
	2	0.220	0.864	21.09.1964	69.5	273	260	31.05.							

A<sub>Eo</sub> : 154.80 km<sup>2</sup>  
PNP : NHN+ 407.50 m  
Lage : 108.00 km oberhalb der Mündung links



m<sup>3</sup>/s

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

Table with columns for Tag, 2012 (Nov, Dez), 2013 (Jan-Dec), and various summary statistics like Abflussjahr, Kalenderjahr, and Dauertabelle.

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. 7 Tage Randeis

A<sub>Eo</sub> : 627.00 km<sup>2</sup>  
PNP : NHN+ 222.77 m  
Lage : 53.90 km oberhalb der Mündung links



m<sup>3</sup>/s

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

Table with columns for Tag, 2012 (Nov, Dez), 2013 (Jan-Dec), and various hydrological parameters like NQ, MQ, HQ, hN, hA, and extreme values.

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



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



m<sup>3</sup>/s

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

Tag	2012		2013											
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	K 0.330	0.280	1.08	3.12	1.08	1.19	1.19	7.18	K 1.30	K 0.530	K 0.680	K 0.600	K 0.788	1.49
2.	K 0.390	0.280	1.08	3.83	1.08	1.19	1.19	3.36	K 1.30	K 0.530	K 0.680	K 0.600	K 0.857	1.38
3.	K 0.680	0.280	1.08	2.40	1.08	1.30	1.19	2.52	K 1.30	K 0.530	K 0.770	K 0.600	K 0.857	1.27
4.	K 0.530	0.280	1.19	4.83	1.19	1.30	1.19	2.18	K 1.19	K 0.530	K 0.770	K 0.600	K 0.927	1.27
5.	K 0.460	0.330	1.85	5.50	1.41	1.30	1.08	1.96	K 1.08	K 0.530	K 0.770	K 1.19	K 1.08	1.17
6.	K 0.460	0.280	1.85	3.36	1.63	1.19	1.08	1.96	K 1.08	K 0.680	K 0.770	K 1.63	K 0.996	1.49
7.	K 0.460	0.280	1.63	2.29	1.74	1.30	1.19	1.85	K 1.08	K 0.770	K 0.770	K 0.870	K 1.38	1.27
8.	K 0.390	0.330	1.41	2.07	2.18	1.41	1.30	1.63	K 0.970	K 0.870	K 0.770	K 0.680	K 7.05	1.87
9.	K 0.390	0.390	1.30	1.74	2.18	1.52	1.41	1.96	K 0.970	K 1.08	K 0.970	K 0.680	K 5.37	2.42
10.	K 0.390	0.460	1.52	1.74	2.18	1.96	1.30	1.96	K 0.970	K 0.970	K 0.870	K 0.970	K 2.85	2.42
11.	K 0.460	0.390	1.63	1.63	2.18	2.40	1.19	1.74	K 0.970	K 0.970	K 1.52	K 1.19	K 1.87	2.01
12.	K 0.390	0.390	1.30	1.52	1.85	5.98	1.41	1.63	K 0.970	K 0.970	K 1.08	K 1.52	K 1.49	1.61
13.	K 0.390	0.330	1.19	1.41	1.74	2.64	1.19	1.52	K 0.970	K 1.08	K 0.970	K 0.970	K 1.49	1.49
14.	K 0.330	0.280	1.08	1.30	1.63	2.29	1.30	1.63	K 0.970	K 0.970	K 0.770	K 0.870	K 1.27	1.49
15.	K 0.280	0.680	0.970	1.19	1.41	1.96	1.19	1.41	K 0.970	K 0.970	K 0.680	K 0.970	K 1.17	1.38
16.	K 0.330	1.19	0.970	1.08	1.41	1.85	1.08	1.41	K 0.970	K 0.970	K 0.680	K 0.870	K 1.08	1.38
17.	K 0.330	2.76	0.870	1.08	1.41	1.74	1.08	1.30	K 0.970	K 0.970	K 0.680	K 0.770	K 1.08	1.38
18.	K 0.330	2.76	0.870	1.08	1.41	1.63	2.18	1.30	K 0.970	K 0.970	K 0.680	K 0.770	K 0.996	1.27
19.	K 0.280	1.85	0.870	1.08	1.52	1.63	1.52	1.30	K 0.970	K 1.19	K 0.600	K 0.680	K 0.996	1.27
20.	K 0.280	1.41	0.870	0.970	1.63	1.41	1.52	1.30	K 0.870	K 0.970	K 0.600	K 0.680	K 2.56	1.27
21.	K 0.280	1.08	0.870	0.970	1.52	1.41	1.30	1.30	K 0.770	K 0.870	K 0.600	K 0.680	K 2.01	1.17
22.	K 0.280	0.870	0.970	0.970	1.63	1.30	1.96	1.19	K 0.770	K 0.870	K 0.600	K 0.600	K 1.74	1.27
23.	K 0.280	8.14	0.970	1.08	1.52	1.30	1.96	1.19	K 0.770	K 0.870	K 0.600	K 0.600	K 1.49	1.27
24.	K 0.280	9.86	0.870	0.970	1.52	1.30	2.52	1.19	K 1.74	K 0.870	K 0.600	K 0.600	K 1.38	1.27
25.	K 0.280	3.60	0.870	0.970	1.52	1.30	1.74	1.19	K 0.970	K 0.870	K 0.600	K 0.530	K 1.27	1.27
26.	K 0.280	2.29	0.870	0.970	1.41	1.30	4.72	1.19	K 0.460	K 0.870	K 0.600	K 0.600	K 1.17	1.27
27.	K 0.280	1.96	0.870	1.08	1.30	1.52	6.70	1.19	K 0.460	K 0.680	K 0.530	K 0.770	K 1.08	1.27
28.	K 0.280	1.63	0.770	1.08	1.30	1.52	3.83	1.30	K 0.530	K 0.680	K 0.530	K 0.680	K 1.08	1.17
29.	K 0.330	1.41	2.18	1.30	1.30	1.30	2.64	1.30	K 0.530	K 0.680	K 0.530	K 0.680	K 1.17	1.87
30.	K 0.280	1.30	5.98	1.30	1.30	1.19	2.18	1.19	K 0.530	K 0.680	K 0.530	K 0.600	K 1.74	1.49
31.	K 0.280	1.30	4.17	1.30	1.30	1.30	3.36	1.19	K 0.530	K 0.680	K 0.530	K 0.600	K 1.49	1.49

Tag	15.+	1.+	28.	20.+	1.+	1.+	5.+	22.+	26.+	1.+	27.+	25.	1.	5.+
NQ	0.280	0.280	0.770	0.970	1.08	1.19	1.08	1.19	0.460	0.530	0.530	0.530	0.788	1.17
MQ	0.358	1.57	1.42	1.83	1.53	1.69	1.89	1.78	0.932	0.828	0.727	0.795	1.68	1.46
HQ	1.41	27.4	12.4	9.26	2.64	12.2	8.42	13.8	6.22	3.00	3.48	2.76	10.9	3.14
Tag	3.	23.	30.	4.	10.	12.	27.	1.	24.	6.	11.	11.	8.	9.
h <sub>N</sub> mm	5	23	21	24	22	24	28	25	14	12	10	12	24	21
h <sub>A</sub> mm	1940/2012		1941/2013 73 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	0.645	0.784	1.01	1.16	1.32	1.43	1.18	0.951	0.803	0.687	0.622	0.599	0.642	0.784
MQ	1.15	1.63	1.97	2.18	2.32	1.93	1.56	1.31	1.09	0.899	0.821	0.880	1.11	1.63
MHQ	7.27	9.64	13.4	11.7	11.4	6.37	4.68	6.06	4.15	2.51	2.57	2.73	5.91	9.59
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	24	29	29	34	27	23	18	16	13	12	13	16	24
Mh <sub>A</sub> mm														

Hauptwerte	Abflussjahr (*) 2013	Kalenderjahr 2013		Abflussjahr (*) 1941/2013		Unterschrittene Abflüsse m <sup>3</sup> /s 1941/2013 73 Kalenderjahre <sup>2</sup>
		Jahr	Datum	Winter	Sommer	
NQ	m <sup>3</sup> /s	0.280	am 15.11.2012	0.280	0.460	364
MQ	m <sup>3</sup> /s	1.28		1.40	1.16	363
HQ	m <sup>3</sup> /s	27.4	am 23.12.2012 bei W = 228 cm	27.4	13.8	362
Nq	l/(skm <sup>2</sup> )	1.53		1.53	2.51	361
Mq	l/(skm <sup>2</sup> )	6.98		7.64	6.33	360
Hq	l/(skm <sup>2</sup> )	150		150	75.4	359
h <sub>N</sub>	mm			119	101	358
h <sub>A</sub>	mm	220			237	357
		1941/2013 (*) 73 Jahre <sup>2</sup>		1941/2013		356
NQ	m <sup>3</sup> /s	0.130	am 22.12.1959	0.130	0.170	355
MNQ	m <sup>3</sup> /s	0.414		0.577	0.530	350
MQ	m <sup>3</sup> /s	1.47		1.86	1.09	340
MHQ	m <sup>3</sup> /s	30.8		27.6	11.2	330
HQ	m <sup>3</sup> /s	115	am 04.06.1981	104	115	320
HQ <sub>1</sub>	m <sup>3</sup> /s					300
HQ <sub>5</sub>	m <sup>3</sup> /s					270
MNq	l/(skm <sup>2</sup> )	2.26		3.15	2.90	240
Mq	l/(skm <sup>2</sup> )	8.05		10.2	5.97	210
MHq	l/(skm <sup>2</sup> )	168		151	61.1	183
Mh <sub>N</sub>	mm					150
Mh <sub>A</sub>	mm	254		159	95	130
						120
						110
						100
						90
						80
						70
						60
						50
						40
						30
						25
						20
						15
						10
						9
						8
						7
						6
						5
						4
						3
						2
						1
						0

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 Beeinflussung durch Rückhaltebecken Lühne in Hochwasser-situationen  
 183 Tage Verkrautung  
<sup>2</sup>Vorsicht: 6.8% Lücken im Zeitraum 1941/2013  
<sup>2</sup>Ausgefallene Abflussjahre: 1945, 1947, 1948, 1949, 1950

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A<sub>Eo</sub> : 716.00 km<sup>2</sup>  
PNP : NHH+ 166.91 m  
Lage : 133.20 km oberhalb der Mündung rechts



m<sup>3</sup>/s

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

Table with columns for Tag (1-31), 2012 (Nov, Dez), and 2013 (Jan-Dez). Rows show daily discharge values (Tageswerte) for each day.

Summary statistics table including average values (Tag NQ, MQ, HQ), water levels (h<sub>N</sub>, h<sub>A</sub>), and annual totals (Jahr NQ, MNQ, MQ, MHQ, HQ) for 1936/2012, 1937/2013, and 77 Kalenderjahre.

Main data table with columns for Abflussjahr (2013), Kalenderjahr (2013), and Dauertabelle (15-100 years). Rows include discharge (NQ, MQ, HQ), velocity (Nq, Mq, Hq), and water levels (h<sub>N</sub>, h<sub>A</sub>) for various durations.

Extremwerte table with columns for Niedrigwasser (n) and Hochwasser. Rows show minimum and maximum discharge values and dates for various durations (1-10 years).

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. Beeinflussung durch Talsperren in Nebenläufen 258 Tage Verkrautung

A<sub>Eo</sub> : 4174.00 km<sup>2</sup>  
PNP : NN+ 122.65 m  
Lage : 76.60 km oberhalb der Mündung rechts



m<sup>3</sup>/s

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

Table with columns for Tag, 2012 (Nov, Dez), 2013 (Jan-Dec), and a detailed 'Hauptwerte' section including Abflussjahr, Kalenderjahr, and Dauertabelle with various flow metrics.

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
Beeinflussung durch Talsperren  
²Vorsicht: 3.3% Lücken im Zeitraum 1923/2013  
³Ausgefallene Abflussjahre: 1944, 1945, 1946



A<sub>Eo</sub> : 174.70 km<sup>2</sup>  
 PNP : NHN+ 293.57 m  
 Lage : 45.20 km oberhalb der Mündung links



m<sup>3</sup>/s

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

Tag	2012		2013											
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	0.660	2.12	4.18	8.70	1.64	2.48	3.58	29.5	1.95	0.970	0.760	K 0.760	1.50	2.12
2.	0.760	1.95	4.18	8.42	1.64	2.48	3.39	24.9	1.79	0.970	0.760	K 0.860	1.50	2.12
3.	0.970	1.64	4.39	7.11	1.79	2.30	3.39	18.5	1.79	0.860	0.760	K 0.860	1.79	2.48
4.	0.970	1.64	4.18	6.86	1.79	2.30	3.20	14.4	1.79	0.860	0.760	K 0.860	2.12	2.12
5.	0.970	1.50	4.18	6.37	1.79	2.12	3.02	11.6	1.79	0.860	0.760	K 0.860	2.48	2.12
6.	1.09	1.50	4.18	5.70	1.95	2.12	2.84	9.54	1.64	0.860	0.760	K 1.09	2.48	2.66
7.	1.09	1.50	3.97	5.04	1.95	1.95	2.66	8.70	1.64	0.860	0.660	K 0.970	3.20	1.79
8.	1.22	1.36	3.77	4.60	2.12	1.95	2.66	7.11	1.64	0.970	0.660	K 0.860	3.97	1.79
9.	1.22	1.36	3.77	4.18	2.48	1.95	2.12	6.86	1.50	0.860	1.09	K 0.860	3.39	1.79
10.	1.22	1.50	3.58	3.77	2.66	2.30	2.12	7.11	1.50	0.860	1.09	K 0.970	3.20	1.79
11.	1.09	1.50	3.39	3.58	2.84	2.84	1.95	6.14	1.50	0.860	1.09	K 1.09	2.84	1.79
12.	1.09	1.36	3.20	3.39	3.02	5.48	1.95	4.82	1.36	0.860	1.50	K 1.22	2.66	1.79
13.	1.09	1.22	3.02	3.02	3.02	6.61	1.95	4.39	1.36	0.970	1.95	K 1.09	2.66	1.79
14.	1.09	1.09	2.84	2.84	2.84	6.37	1.79	5.26	1.36	0.970	1.79	K 1.09	2.12	1.79
15.	1.22	1.95	2.66	2.66	2.84	6.37	1.79	4.18	1.36	0.970	1.50	K 1.22	1.95	1.79
16.	1.22	4.39	2.66	2.66	2.66	6.61	1.95	3.97	1.22	0.970	1.36	K 1.36	1.64	1.64
17.	1.22	5.26	2.66	2.48	2.48	6.86	2.12	3.77	1.22	0.970	1.22	K 1.36	1.79	1.64
18.	1.22	5.04	2.48	2.48	2.66	7.36	6.14	3.58	1.22	0.970	1.22	K 1.36	1.64	1.64
19.	1.22	4.60	2.30	2.30	2.84	7.36	4.60	3.58	1.09	0.970	1.22	K 1.22	1.50	1.50
20.	1.09	3.97	2.12	2.12	3.02	6.37	8.98	3.20	0.970	0.970	1.22	K 1.22	1.95	1.50
21.	1.09	3.58	2.12	1.95	3.39	5.92	8.42	3.02	0.970	0.970	1.22	K 1.36	2.12	1.50
22.	1.09	3.39	1.95	1.95	3.20	5.26	7.87	3.02	0.970	0.970	1.36	K 0.970	2.30	1.50
23.	1.09	5.04	1.95	1.95	3.02	4.60	6.61	2.84	0.970	0.970	1.36	K 0.970	2.48	1.95
24.	0.970	11.0	1.79	1.95	2.66	3.77	6.61	2.84	1.36	0.860	1.36	K 0.970	2.66	1.79
25.	0.760	9.54	1.64	1.95	2.48	3.58	5.92	2.66	1.79	0.860	1.36	K 0.970	2.66	1.79
26.	0.660	8.98	1.64	1.79	2.48	3.39	7.61	2.48	1.22	0.860	1.50	K 0.970	2.66	2.30
27.	0.760	9.54	1.64	1.79	2.48	3.77	13.2	2.48	1.09	0.860	1.50	K 1.22	2.48	2.48
28.	0.860	9.82	1.64	1.64	2.48	4.82	13.2	2.30	1.09	0.860	1.36	K 1.36	2.48	2.66
29.	2.30	8.70	1.95		2.30	4.18	11.9	2.12	1.09	0.860	K 0.860	K 1.36	2.30	2.84
30.	2.66	7.11	5.04		2.30	3.77	10.1	2.12	0.970	0.860	K 0.760	1.36	2.30	2.66
31.		5.48	8.70		2.12		18.1		0.970	0.760		1.36		2.48

Tag	1.+	14.	25.+	28.	1.+	7.+	14.+	29.+	20.+	31.	7.+	1.	1.+	19.+
NQ	0.660	1.09	1.64	1.64	1.64	1.95	1.79	2.12	0.970	0.760	0.660	0.760	1.50	1.50
MQ	1.13	4.15	3.15	3.69	2.48	4.24	5.54	6.90	1.36	0.906	1.16	1.10	2.36	1.99
HQ	2.84	11.9	9.54	8.98	3.58	8.42	23.1	33.1	4.39	1.09	2.48	1.95	4.60	3.39
Tag	29.	24.	31.	1.	20.	17.	31.	1.	24.	6.	13.	28.	8.	6.
h <sub>N</sub> mm	17	64	48	51	38	63	85	102	21	14	17	17	35	30
h <sub>A</sub> mm														
	1924/2012		1925/2013 89 Kalenderjahre <sup>2</sup>											
Jahr	1948	1948	1949	1949	1963	1959	2012	2003	1949	1964	1964	1964	1948	1948
NQ	0.250	0.210	0.210	0.310	0.330	0.740	0.490	0.430	0.340	0.250	0.250	0.330	0.250	0.210
MNQ	1.17	1.34	1.48	1.64	1.81	2.27	1.60	1.23	0.990	0.887	0.817	0.915	1.18	1.36
MQ	2.22	2.73	3.03	2.90	3.33	3.85	2.49	1.99	1.50	1.31	1.25	1.55	2.21	2.74
MHQ	5.94	7.25	8.20	6.71	7.52	7.93	4.85	4.64	3.45	3.66	2.76	3.66	5.77	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	42	47	40	51	57	38	30	23	20	19	24	33	42
Mh <sub>A</sub> mm														

Hauptwerte	Abflussjahr (*) 2013	Abflussjahr (*) 2013		Kalenderjahr 2013		Unterschnittungs- dauer in Tagen	Unterschrittene Abflüsse m <sup>3</sup> /s 1925/2013 89 Kalenderjahre <sup>2</sup>				
		Jahr	Datum	Winter	Sommer		Jahr	Datum	Kalender- jahr 2013	1925/2013 89 Hüllkurve	Mittlere Werte
NQ	m <sup>3</sup> /s	0.660	am 01.11.2012	0.660	0.660	364	29.5	29.5	45.6	14.7	4.05
MQ	m <sup>3</sup> /s	2.97		3.14	2.81	363	24.9	24.9	36.4	12.4	3.90
HQ	m <sup>3</sup> /s	33.1	am 01.06.2013 bei W = 122 cm	11.9	33.1	362	18.5	18.5	27.2	11.0	3.52
Nq	l/(skm <sup>2</sup> )	3.78		3.78	3.78	361	18.1	18.1	26.2	10.1	3.45
Mq	l/(skm <sup>2</sup> )	17.0		18.0	16.1	360	14.4	14.4	20.5	9.51	3.14
Hq	l/(skm <sup>2</sup> )	189		68.1	189	359	13.2	13.2	20.1	8.98	3.14
h <sub>N</sub>	mm					358	13.2	13.2	16.3	8.55	2.99
h <sub>A</sub>	mm	537		281	256	357	11.9	11.9	15.6	8.20	2.84
						356	11.6	11.6	15.2	7.87	2.84
						350	9.54	8.70	11.6	6.63	2.65
						340	7.61	6.86	9.71	5.48	2.36
						330	6.61	6.37	8.27	4.72	1.79
						320	5.92	5.04	7.36	4.18	1.64
						300	4.39	3.77	6.26	3.45	1.36
						270	3.39	3.02	5.06	2.78	1.09
						240	2.66	2.66	4.33	2.30	1.07
						210	2.30	2.30	3.86	1.95	0.970
						183	1.95	2.12	3.41	1.65	0.840
						150	1.64	1.79	2.84	1.43	0.720
						130	1.36	1.64	2.57	1.31	0.610
						120	1.36	1.64	2.57	1.22	0.610
						110	1.22	1.50	2.37	1.19	0.570
						100	1.22	1.36	2.18	1.09	0.510
						90	1.09	1.22	1.99	1.08	0.420
						80	1.09	1.22	1.95	1.00	0.420
						70	0.970	1.09	1.79	0.970	0.420
						60	0.970	0.970	1.64	0.900	0.420
						50	0.970	0.970	1.64	0.860	0.410
						40	0.970	0.970	1.64	0.760	0.330
						30	0.860	0.860	1.64	0.740	0.330
						25	0.860	0.860	1.50	0.660	0.330
						20	0.860	0.860	1.50	0.660	0.330
						15	0.760	0.860	1.50	0.570	0.310
						10	0.760	0.760	1.36	0.550	0.260
						9	0.760	0.760	1.36	0.510	0.260
						8	0.760	0.760	1.36	0.510	0.260
						7	0.760	0.760	1.36	0.490	0.260
						6	0.760	0.760	1.36	0.490	0.260
						5	0.760	0.760	1.36	0.490	0.260
						4	0.760	0.760	1.36	0.430	0.250
						3	0.660	0.760	1.36	0.420	0.250
						2	0.660	0.760	1.36	0.370	0.250
						1	0.660	0.660	1.36	0.330	0.230
						0	0.660	0.660	1.22	0.210	0.210

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 31 Tage Verkrautung  
<sup>2</sup>Vorsicht: 4.5% Lücken im Zeitraum 1925/2013  
<sup>2</sup>Ausgefallene Abflussjahre: 1945, 1946, 1947, 1948

A<sub>Eo</sub> : 842.80 km<sup>2</sup>  
PNP : NHN+ 213.14 m  
Lage : 29.70 km oberhalb der Mündung rechts



m<sup>3</sup>/s

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

Table with columns for Tag (1-31) and months (Nov, Dez, Jan, Feb, Mrz, Apr, Mai, Jun, Jul, Aug, Sep, Okt, Nov, Dez) for the year 2012 and 2013. It contains daily discharge values in m³/s.

Summary statistics table including Tag (16.+ to 29.), h<sub>N</sub> mm, h<sub>A</sub> mm, and monthly/quarterly discharge values (Jahr, NQ, MNQ, MQ, MHQ, HQ) for 1949, 1991, 1963, 1963, 1963, 2004, 1992+, 1976, 1959, 1964, 1959, 1959, 1949, 1991.

Main data table with columns for Abflussjahr (\*), Kalenderjahr, and Dauertabelle. It includes discharge values (NQ, MNQ, MQ, MHQ, HQ) and water levels (h<sub>N</sub>, h<sub>A</sub>) for various years and dates.

Extremwerte table with columns for m³/s, I/(skm²), and Datum. It lists extreme discharge values for low water (Niedrigwasser) and high water (Hochwasser) conditions.

(\* ) Abflussjahr: 1.11. des Vorjahres bis 31.10. Beeinflussung durch Talsperre Ohra und in geringfügigem Maße durch die Talsperren Tambach-Dietharz und Heyda 19 Tage Verkrautung

A<sub>Eo</sub> : 12.10 km<sup>2</sup>  
 PNP : NHN+ 473.73 m  
 Lage : 35.20 km oberhalb der Mündung links



m<sup>3</sup>/s

Pegel : Tambach-Dietharz 1 Nr. 574600  
 Gewässer : Apfelstädt  
 Gebiet : Unstrut

Tag	2012		2013												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	0.040	0.170	1.02	1.02	0.110	0.130	0.340	6.14	0.090	0.070	0.040	0.090	0.170	0.310	
2.	0.050	0.180	0.810	1.28	0.100	0.120	0.310	4.61	0.080	0.070	0.040	0.090	0.170	0.310	
3.	0.070	0.190	0.710	1.28	0.100	0.120	0.310	2.75	0.080	0.060	0.040	0.080	0.180	0.290	
4.	0.100	0.190	0.630	1.12	0.100	0.110	0.310	1.89	0.090	0.060	0.030	0.080	0.180	0.290	
5.	0.100	0.190	0.610	1.02	0.100	0.100	0.280	1.40	0.080	0.060	0.030	0.080	0.180	0.280	
6.	0.100	0.180	0.630	0.900	0.100	0.100	0.260	1.02	0.080	0.050	0.030	0.100	0.220	0.280	
7.	0.120	0.170	0.650	0.790	0.100	0.100	0.250	0.790	0.080	0.060	0.040	0.100	0.340	0.260	
8.	0.140	0.160	0.670	0.670	0.100	0.090	0.220	0.630	0.070	0.050	0.040	0.090	0.460	0.250	
9.	0.160	0.160	0.630	0.570	0.100	0.090	0.220	0.530	0.070	0.050	0.040	0.080	0.510	0.290	
10.	0.160	0.160	0.590	0.480	0.140	0.100	0.210	0.460	0.060	0.050	0.040	0.120	0.530	0.310	
11.	0.170	0.140	0.550	0.410	0.190	0.140	0.190	0.390	0.060	0.040	0.050	0.130	0.510	0.410	
12.	0.160	0.140	0.510	0.370	0.240	0.670	0.190	0.340	0.060	0.040	0.070	0.140	0.490	0.510	
13.	0.160	0.130	0.490	0.330	0.260	1.47	0.190	0.330	0.060	0.040	0.080	0.160	0.460	0.570	
14.	0.160	0.130	0.460	0.280	0.280	1.59	0.180	0.290	0.060	0.040	0.070	0.160	0.420	0.590	
15.	0.160	0.170	0.410	0.260	0.280	1.80	0.170	0.260	0.050	0.040	0.060	0.210	0.370	0.570	
16.	0.140	0.310	0.370	0.240	0.260	2.01	0.170	0.240	0.050	0.040	0.050	0.190	0.330	0.510	
17.	0.130	0.490	0.340	0.220	0.250	1.95	0.190	0.210	0.050	0.040	0.050	0.190	0.290	0.480	
18.	0.130	0.850	0.310	0.190	0.250	1.73	0.420	0.180	0.050	0.040	0.070	0.220	0.280	0.420	
19.	0.120	1.08	0.280	0.180	0.240	1.53	0.630	0.170	0.050	0.040	0.080	0.220	0.260	0.370	
20.	0.120	0.980	0.250	0.170	0.220	1.28	1.66	0.160	0.050	0.040	0.100	0.220	0.260	0.330	
21.	0.110	0.850	0.240	0.160	0.220	0.980	1.66	0.140	0.050	0.040	0.100	0.220	0.240	0.290	
22.	0.100	0.750	0.220	0.140	0.190	0.790	1.47	0.130	0.040	0.040	0.120	0.220	0.220	0.260	
23.	0.100	1.53	0.190	0.140	0.190	0.670	1.23	0.120	0.040	0.040	0.130	0.220	0.240	0.330	
24.	0.100	3.70	0.180	0.140	0.180	0.550	1.12	0.120	0.080	0.040	0.130	0.210	0.410	0.310	
25.	0.090	3.20	0.170	0.130	0.170	0.480	0.980	0.120	0.110	0.040	0.130	0.190	0.510	0.330	
26.	0.090	2.58	0.160	0.130	0.170	0.410	1.17	0.110	0.080	0.040	0.120	0.180	0.510	0.370	
27.	0.100	2.25	0.140	0.120	0.160	0.410	2.84	0.110	0.090	0.040	0.110	0.190	0.480	0.410	
28.	0.110	2.17	0.140	0.120	0.160	0.410	2.84	0.100	0.090	0.040	0.100	0.190	0.420	0.460	
29.	0.170	1.95	0.160	0.140	0.140	0.370	2.17	0.100	0.080	0.040	0.100	0.190	0.370	0.530	
30.	0.170	1.59	0.340	0.140	0.140	0.360	1.66	0.100	0.090	0.040	0.100	0.180	0.360	0.530	
31.	0.170	1.23	0.790	0.130	0.130	0.130	3.56	0.080	0.080	0.040	0.180	0.180	0.570	0.570	
Tageswerte	Tag	1.	13.+	27.+	27.+	2.+	8.+	15.+	28.+	22.+	11.+	4.+	3.+	1.+	8.
	NQ	0.040	0.130	0.140	0.120	0.100	0.090	0.170	0.100	0.040	0.040	0.030	0.080	0.170	0.250
Hauptwerte	MQ	0.121	0.902	0.440	0.459	0.173	0.689	0.884	0.798	0.069	0.046	0.073	0.159	0.346	0.388
	HQ	0.170	4.03	1.12	1.40	0.280	2.01	5.45	7.16	0.330	0.100	0.130	0.280	0.570	0.730
Hauptwerte	Tag	8.	24.	1.	2.	14.	16.	31.	1.	24.	1.	23.	18.	10.	31.
	h <sub>N</sub> mm	26	200	97	92	38	148	196	171	15	10	16	35	74	86
Hauptwerte	h <sub>A</sub> mm	1930/2012	1931/2013 83 Kalenderjahre												
	Jahr	1968	1962	1954+	1963	1942+	2002	2007+	2003	1997	1934+	1934+	2012	1968	1962
Hauptwerte	NQ	0.000	0.010	0.020	0.010	0.020	0.000	0.030	0.000	0.000	0.010	0.010	0.000	0.000	0.010
	MNQ	0.108	0.138	0.129	0.135	0.159	0.224	0.119	0.081	0.072	0.062	0.063	0.072	0.107	0.140
Hauptwerte	MQ	0.310	0.414	0.387	0.366	0.458	0.557	0.264	0.209	0.171	0.141	0.156	0.206	0.305	0.416
	MHQ	0.826	1.33	1.16	0.980	1.26	1.32	0.659	0.642	0.456	0.435	0.493	0.600	0.814	1.33
Hauptwerte	HQ	4.22	7.16	5.21	5.89	6.63	6.88	5.45	7.16	2.41	9.66	5.45	4.41	4.22	7.16
	Jahr	1939	1947	1987	1946	1981	1994	2013	2013	1966	1981	2007	1960	1939	1947
Hauptwerte	Mh <sub>N</sub> mm	66	92	86	74	101	119	58	45	38	31	33	46	65	92
	Mh <sub>A</sub> mm														
Hauptwerte	Abflussjahr (*) 2013		Kalenderjahr 2013				Unterschrittene Abflüsse m <sup>3</sup> /s		1931/2013 83 Kalenderjahre						
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschreitungs-dauer in Tagen	Abfluss-jahr (*) 2013	Kalender-jahr 2013	Obere Hüllkurve	Mittlere Werte	Untere Hüllkurve			
Hauptwerte	NQ	m <sup>3</sup> /s	0.030	am 04.09.2013	0.040	0.030	0.030	am 04.09.2013	364	6.14	6.14	6.63	2.66	0.630	
	MQ	m <sup>3</sup> /s	0.400		0.465	0.337	0.375		363	4.61	4.61	6.38	2.17	0.610	
Hauptwerte	HQ	m <sup>3</sup> /s	7.16	am 01.06.2013	4.03	7.16	7.16	am 01.06.2013	362	3.70	3.56	5.89	1.95	0.590	
	Nq	l/(skm <sup>2</sup> )	2.48	bei W = 114 cm		3.31	2.48	bei W = 114 cm		361	3.56	2.84	5.45	1.73	0.590
Hauptwerte	Mq	l/(skm <sup>2</sup> )	33.1		38.4	27.9	31.0		360	3.20	2.84	4.22	1.66	0.570	
	Hq	l/(skm <sup>2</sup> )	592		333	592	592		359	2.84	2.75	4.22	1.59	0.570	
Hauptwerte	h <sub>N</sub>	mm			601	443	978		358	2.84	2.01	3.70	1.47	0.570	
	h <sub>A</sub>	mm	1044						357	2.75	2.01	2.84	1.40	0.550	
Hauptwerte	1931/2013 (*) 83 Jahre		1931/2013				Dauertabelle								
	NQ	m <sup>3</sup> /s	0.000	am 06.11.1968	0.000	0.000	0.000	am 06.11.1968	356	2.58	1.95	2.50	1.34	0.530	
Hauptwerte	MNQ	m <sup>3</sup> /s	0.028		0.056	0.035	0.030		355	1.95	1.66	1.89	1.12	0.510	
	MQ	m <sup>3</sup> /s	0.303		0.416	0.191	0.302		350	1.53	1.17	1.47	0.870	0.440	
Hauptwerte	MHQ	m <sup>3</sup> /s	2.89		2.59	1.51	2.93		330	1.12	0.810	1.17	0.730	0.330	
	HQ	m <sup>3</sup> /s	9.66	am 10.08.1981	7.16	9.66	9.66	am 10.08.1981	320	0.900	0.650	1.12	0.630	0.260	
Hauptwerte	HQ <sub>1</sub>	m <sup>3</sup> /s							300	0.610	0.510	0.830	0.480	0.190	
	HQ <sub>5</sub>	m <sup>3</sup> /s							270	0.310	0.370	0.650	0.360	0.160	
Hauptwerte	MNq	l/(skm <sup>2</sup> )	2.35		4.61	2.92	2.49		240	0.220	0.290	0.570	0.260	0.120	
	Mq	l/(skm <sup>2</sup> )	25.0		34.4	15.8	25.0		210	0.180	0.240	0.440	0.210	0.080	
Hauptwerte	MHq	l/(skm <sup>2</sup> )	239		214	125	242		183	0.160	0.190	0.440	0.170	0.060	
	Mh <sub>N</sub>	mm	789		538	251	789		150	0.130	0.160	0.370	0.130	0.040	
Hauptwerte	Mh <sub>A</sub>	mm							130	0.110	0.130	0.340	0.110	0.020	
	Niedrigwasser (n)		Hochwasser				Dauertabelle								
Extremwerte	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum	120	0.100	0.120	0.330	0.110	0.020		
	1	0.000	0.000	20.10.2012	9.66	798		10.08.1981	110	0.100	0.100	0.290	0.100	0.010	
Extremwerte	2	0.000	0.000	21.06.2003	7.16	592	114	01.06.2013	100	0.100	0.100	0.280	0.090	0.010	
	3	0.000	0.000	12.04.2002	7.16	592		28.12.1947	90	0.090	0.100	0.250	0.080	0.010	
Extremwerte	4	0.000	0.000	31.07.1997	6.88	569	113	13.04.1994	80	0.080	0.090	0.240	0.070	0.010	
	5	0.000	0.000	06.11.1968	6.63	548		11.03.1981	70	0.080	0.080	0.240	0.070	0.010	
Extremwerte	6	0.010	0.826	02.09.1982	5.89	487		09.02.1946	60	0.070	0.070	0.170	0.060	0.010	
	7	0.010	0.826	29.07.1976	5.45	450	107	29.09.2007	50	0.070	0.070	0.170	0.060	0.010	
Extremwerte	8	0.010	0.826	01.11.1971	5.21	431	106	31.03.2006	40	0.060	0.060	0.140	0.050	0.010	

A<sub>Eo</sub> : 318.00 km<sup>2</sup>  
 PNP : NHN+ 213.88 m  
 Lage : 58.30 km oberhalb der Mündung links



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

m<sup>3</sup>/s

	Tag	2012		2013											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tageswerte	1.	K 0.460	0.720	2.78	4.50	2.15	K 2.30	K 2.15	K 15.2	K 1.73	K 0.720	K 1.24	K 0.460	K 1.02	K 2.61
	2.	K 0.540	0.720	2.61	5.50	2.30	K 2.30	K 2.15	K 7.87	K 2.15	K 0.720	K 1.02	K 0.460	K 1.24	K 2.45
	3.	K 0.920	0.720	2.61	4.30	2.45	K 2.30	K 2.15	K 6.34	K 1.47	K 0.720	K 1.02	K 0.460	K 1.47	K 2.30
	4.	K 0.920	K 0.720	2.78	7.87	2.45	K 2.30	K 2.15	K 5.50	K 1.60	K 0.720	K 1.02	K 0.460	K 1.47	K 2.01
	5.	K 0.820	K 0.620	4.70	7.64	2.61	K 2.30	K 2.15	K 4.90	K 1.47	K 0.720	K 1.02	K 1.24	K 1.60	K 2.01
	6.	K 0.820	K 0.620	5.10	6.13	2.95	K 2.30	K 2.15	K 4.30	K 1.35	K 0.820	K 1.02	K 1.24	K 1.60	K 2.30
	7.	K 0.820	K 0.620	5.10	5.10	3.13	K 2.30	K 2.15	K 4.50	K 1.47	K 0.920	K 0.920	K 0.920	K 1.73	K 2.15
	8.	K 0.720	K 0.620	4.30	4.50	3.13	K 2.45	K 2.30	K 4.30	K 1.47	K 0.540	K 0.920	K 0.920	K 7.42	K 2.61
	9.	K 0.620	K 0.620	3.70	3.90	3.13	K 2.45	K 2.30	K 4.50	K 1.24	K 0.620	K 1.73	K 0.820	K 6.34	K 4.30
	10.	K 0.720	K 0.820	4.10	3.50	3.50	K 2.61	K 2.30	K 4.90	K 1.24	K 0.620	K 1.02	K 1.13	K 4.70	K 4.90
	11.	K 0.920	K 0.820	4.50	3.13	3.70	K 3.50	K 2.30	K 3.70	K 1.13	K 0.620	K 3.13	K 2.15	K 3.70	K 3.90
	12.	K 0.820	K 0.620	3.50	2.95	3.13	K 5.92	K 2.61	K 3.31	K 1.13	K 0.620	K 1.35	K 3.90	K 2.95	K 3.31
	13.	K 0.820	K 0.620	3.13	2.61	3.13	K 5.71	K 2.30	K 3.13	K 1.13	K 1.02	K 1.02	K 1.73	K 2.78	K 3.13
	14.	K 0.720	K 0.620	2.95	2.45	2.78	K 5.10	K 2.45	K 3.13	K 1.02	K 0.720	K 0.820	K 1.47	K 2.45	K 2.95
	15.	K 0.720	K 1.47	2.78	2.45	2.78	K 4.30	K 2.45	K 2.95	K 1.02	K 0.720	K 0.720	K 1.60	K 2.45	K 2.78
	16.	K 0.720	K 1.73	2.78	2.45	2.78	K 3.90	K 2.45	K 2.78	K 0.920	K 0.820	K 0.620	K 1.73	K 2.15	K 2.45
	17.	K 0.620	1.87	2.61	2.45	2.78	K 3.31	K 2.78	K 2.45	K 0.820	K 1.02	K 0.620	K 1.35	K 2.15	K 2.61
	18.	K 0.620	2.01	2.45	2.30	2.78	K 2.95	K 4.90	K 2.45	K 0.720	K 1.02	K 0.620	K 1.13	K 2.01	K 2.45
	19.	K 0.620	1.87	2.30	2.30	2.78	K 2.78	K 2.78	K 2.30	K 0.720	K 1.24	K 0.620	K 1.13	K 2.01	K 2.45
	20.	K 0.620	1.73	2.30	2.30	2.78	K 2.61	K 3.70	K 2.30	K 0.620	K 1.02	K 0.620	K 1.02	K 4.10	K 2.30
	21.	K 0.620	1.60	2.30	2.15	2.61	K 2.45	K 2.61	K 2.30	K 0.620	K 0.920	K 0.620	K 1.13	K 3.70	K 2.01
	22.	K 0.620	1.47	2.30	2.15	2.61	K 2.15	K 4.10	K 1.87	K 0.620	K 0.920	K 0.460	K 1.02	K 3.50	K 2.01
	23.	K 0.620	10.0	2.01	2.15	2.30	K 2.15	K 4.10	K 1.87	K 0.820	K 0.920	K 0.540	K 1.02	K 3.13	K 2.01
	24.	K 0.620	9.40	2.01	2.15	2.30	K 2.01	K 5.30	K 1.87	K 1.60	K 1.02	K 0.540	K 1.02	K 2.78	K 2.15
	25.	K 0.620	5.71	1.87	2.15	2.61	K 2.01	K 3.31	K 1.87	K 1.35	K 1.02	K 0.540	K 1.02	K 2.45	K 2.15
	26.	K 0.620	4.70	1.87	2.15	2.15	K 2.15	K 8.10	K 1.73	K 1.02	K 1.02	K 0.540	K 1.13	K 2.30	K 2.15
	27.	K 0.620	4.70	1.87	2.15	2.15	K 2.78	K 14.6	K 1.73	K 1.13	K 1.02	K 0.540	K 1.24	K 2.15	K 2.15
	28.	K 0.720	4.70	1.87	2.15	2.15	K 2.78	K 7.42	K 1.73	K 0.820	K 1.02	K 0.540	K 1.35	K 2.15	K 1.87
	29.	K 0.720	3.90	2.95	2.30	2.30	K 2.30	K 6.98	K 1.73	K 0.820	K 1.02	K 0.460	K 1.73	K 2.15	K 3.31
	30.	K 0.720	3.50	5.50	2.30	2.30	K 2.15	K 4.90	K 1.73	K 0.720	K 1.13	K 0.390	K 1.35	K 2.78	K 3.70
	31.		3.31	5.30	2.45					K 0.720	K 1.13		K 1.13		K 3.70
Hauptwerte	Tag	1.	5.+	25.+	21.+	1.+	24.+	1.+	26.+	20.+	8.	30.	1.+	1.	28.
	NQ	0.460	0.620	1.87	2.15	2.15	2.01	2.15	1.73	0.620	0.540	0.390	0.460	1.02	1.87
	MQ	0.702	2.36	3.13	3.41	2.67	2.89	3.79	3.64	1.12	0.874	0.875	1.26	2.75	2.68
	HQ	1.35	17.0	6.98	11.2	3.70	8.78	16.2	20.4	5.30	1.60	4.50	8.56	11.4	6.34
	Tag	3.	23.	30.	4.	25.	12.	27.	1.	24.	19.	11.	11.	8.	9.
	h <sub>N</sub> mm	6	20	26	26	23	24	32	30	9	7	7	11	22	23
	h <sub>A</sub> mm														
		1948/2012		1949/2013 65 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	0.904	1.20	1.50	1.75	1.98	2.19	1.50	1.17	0.904	0.782	0.722	0.775	0.910	1.23	
MQ	1.60	2.59	3.33	3.48	3.90	3.29	2.36	1.88	1.51	1.14	1.03	1.18	1.63	2.62	
MHQ	5.27	9.94	13.4	13.1	12.6	9.69	6.83	7.54	6.45	3.62	3.53	3.36	5.42	10.0	
HQ	44.6	49.5	47.3	55.0	70.0	106	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	22	28	27	33	27	20	15	13	10	8	10	13	22	
Mh <sub>A</sub> mm															
Dauertabelle	Abflussjahr (*) 2013		Kalenderjahr 2013		Unterschrittene Abflüsse m <sup>3</sup> /s										
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Abflussjahr (*) 2013	Kalenderjahr 2013	1949/2013 65 Kalenderjahre						
									Oberer Hüllkurve	Mittlere Werte	Untere Hüllkurve				
	NQ	m <sup>3</sup> /s	0.390 am 30.09.2013	0.460	0.390	0.390 am 30.09.2013	364	15.2	15.2	95.0	19.6	5.62			
	MQ	m <sup>3</sup> /s	2.22	2.52	1.92	2.41	363	14.6	14.6	38.6	15.8	5.06			
	HQ	m <sup>3</sup> /s	20.4 am 01.06.2013 bei W = 148 cm	17.0	20.4	20.4 am 01.06.2013 bei W = 148 cm	362	10.0	8.10	32.8	13.6	4.40			
	Nq	l/(skm <sup>2</sup> )	1.23	1.45	1.23	1.23	361	9.40	7.87	26.4	12.2	4.40			
	Mq	l/(skm <sup>2</sup> )	6.98	7.92	6.05	7.59	360	8.10	7.67	25.6	11.4	4.19			
	Hq	l/(skm <sup>2</sup> )	64.2	53.5	64.2	64.2	359	7.87	7.64	23.8	10.4	3.80			
	h <sub>N</sub> mm			124	96	239	358	7.87	7.42	23.6	9.78	3.38			
h <sub>A</sub> mm	220					357	7.64	7.42	23.2	9.20	3.38				
	1949/2013 (*) 65 Jahre		1949/2013			356	7.42	6.98	20.0	8.71	2.98				
NQ	m <sup>3</sup> /s	0.080 am 26.05.1954	0.120	0.080	0.080 am 26.05.1954	355	5.71	5.50	15.4	6.86	2.30				
MNQ	m <sup>3</sup> /s	0.553	0.825	0.620	0.581	350	5.10	4.90	10.5	5.44	1.90				
MQ	m <sup>3</sup> /s	2.27	3.03	1.52	2.27	340	4.50	4.50	9.12	4.63	1.58				
MHQ	m <sup>3</sup> /s	28.4	25.8	13.7	29.4	330	4.10	4.10	8.50	3.98	1.34				
HQ	m <sup>3</sup> /s	106 am 20.04.1983	106	98.0	106 am 20.04.1983	320	3.13	3.13	7.03	3.31	1.11				
HQ <sub>1</sub>	m <sup>3</sup> /s					300	2.78	2.78	5.56	2.58	0.910				
HQ <sub>5</sub>	m <sup>3</sup> /s					270	2.30	2.45	4.68	2.06	0.730				
MNq	l/(skm <sup>2</sup> )	1.74	2.59	1.95	1.83	240	2.15	2.30	3.78	1.74	0.640				
Mq	l/(skm <sup>2</sup> )	7.13	9.53	4.78	7.15	210	2.01	2.15	3.50	1.49	0.550				
MHq	l/(skm <sup>2</sup> )	89.3	81.0	43.0	92.5	183	1.47	2.01	2.86	1.25	0.490				
Mh <sub>N</sub> mm						150	1.13	1.87	2.54	1.13	0.430				
Mh <sub>A</sub> mm						130	1.02	1.73	2.38	1.07	0.390				
						120	1.02	1.47	2.22	1.02	0.380				
						110	1.02	1.24	2.15	0.950	0.380				
						100	0.920	1.13	2.05	0.920	0.330				
						90	0.820	1.02	2.05	0.860	0.330				
						80	0.720	1.02	1.95	0.820	0.280				
						70	0.720	1.02	1.95	0.800	0.250				
						60	0.720	0.920	1.95	0.740	0.250				
						50	0.620	0.920	1.85	0.720	0.250				
						40	0.620	0.720	1.85	0.670	0.220				
						30	0.620	0.620	1.85	0.620	0.220				
						25	0.620	0.620	1.75	0.610	0.220				
						20	0.540	0.620	1.75	0.520	0.200				
						15	0.540	0.540	1.65	0.500	0.200				

A<sub>Eo</sub> : 524.00 km<sup>2</sup>  
 PNP : NHN+ 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	2012		2013											
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	K 1.00	K 1.20	2.61	5.07	1.92	2.05	K 3.38	K 23.4	K 2.21	K 1.56	K 1.20	K 1.09	1.56	3.38
2.	K 1.09	K 1.20	2.40	6.20	2.05	2.05	K 3.38	K 16.7	K 2.40	K 1.56	K 1.09	K 1.09	1.56	3.10
3.	K 1.20	K 1.20	2.40	5.44	2.21	2.05	K 3.38	K 13.2	K 2.21	K 1.68	K 1.09	K 1.09	1.80	3.10
4.	K 1.43	K 1.09	2.40	7.36	2.21	2.05	K 3.38	K 11.3	K 2.21	K 1.68	K 1.09	K 1.09	1.80	2.84
5.	K 1.31	K 1.00	4.01	9.84	2.21	2.05	K 3.10	K 9.84	K 2.05	K 1.56	K 1.09	K 1.43	1.80	2.84
6.	K 1.20	K 1.00	5.82	8.11	2.40	2.05	K 3.10	K 8.81	K 2.05	K 1.80	K 1.09	K 1.43	1.80	3.10
7.	K 1.20	K 1.00	5.44	6.59	2.61	2.05	K 3.10	K 7.74	K 2.05	K 2.21	K 1.09	K 1.68	1.80	3.10
8.	K 1.20	R 1.09	4.70	5.44	2.61	2.21	K 3.10	K 6.98	K 1.92	K 1.68	K 1.00	K 1.56	7.74	3.10
9.	K 1.00	R 1.00	4.36	4.36	2.84	2.40	K 3.10	K 6.98	K 1.80	K 1.56	K 1.68	K 1.43	8.46	4.01
10.	K 1.20	R 1.09	4.36	4.01	3.38	2.61	K 3.10	K 7.74	K 1.80	K 1.56	K 1.56	K 1.43	5.82	6.59
11.	K 1.43	K 1.20	5.07	3.69	4.01	3.69	K 3.10	K 5.82	K 1.68	K 1.56	K 2.61	K 2.05	4.70	5.44
12.	K 1.20	K 1.00	4.36	3.38	3.69	6.98	K 2.84	K 5.07	K 1.68	K 1.43	K 2.61	K 5.44	3.38	4.70
13.	K 1.20	K 1.00	4.01	3.10	3.38	8.81	K 2.84	K 4.70	K 1.68	K 1.80	K 1.80	K 2.40	3.10	4.01
14.	K 1.20	K 1.00	3.10	2.61	3.38	7.74	K 3.10	K 4.36	K 1.68	K 1.68	K 1.92	K 1.92	3.10	3.69
15.	K 1.09	K 1.56	2.61	2.61	3.10	6.59	K 2.84	K 4.01	K 1.56	K 1.43	K 1.68	K 2.05	2.84	3.38
16.	K 1.09	K 2.05	2.61	2.61	2.84	6.20	K 2.84	K 3.69	K 1.56	K 1.31	K 1.68	K 2.61	2.61	3.38
17.	K 1.09	K 2.05	2.61	2.40	2.84	5.82	K 2.84	K 3.69	K 1.56	K 1.31	K 1.56	K 2.05	2.40	3.38
18.	K 1.09	K 1.92	2.40	2.40	3.10	5.07	K 6.98	K 3.38	K 1.68	K 1.31	K 1.56	K 1.92	2.40	3.10
19.	K 1.09	K 1.92	2.21	2.40	3.38	4.36	K 4.70	K 3.10	K 1.68	K 1.56	K 1.56	K 1.80	2.21	3.10
20.	K 1.09	K 1.68	2.21	2.21	3.38	4.36	K 5.07	K 3.38	K 1.68	K 1.43	K 1.43	K 1.80	5.07	3.10
21.	K 1.09	K 1.68	2.21	2.21	3.38	4.01	K 4.70	K 3.10	K 1.68	K 1.20	K 1.43	K 1.68	5.07	2.61
22.	K 1.09	K 1.68	2.21	2.21	3.38	3.69	K 5.44	K 2.84	K 1.56	K 1.20	K 1.43	K 1.68	4.36	2.40
23.	K 1.09	K 4.70	1.92	2.21	2.84	3.69	K 6.20	K 2.61	K 1.56	K 1.20	K 1.31	K 1.68	3.69	2.61
24.	K 1.09	K 10.2	1.80	2.05	2.61	3.38	K 8.81	K 2.61	K 1.68	K 1.20	K 1.31	K 1.68	3.38	2.40
25.	K 1.09	K 6.59	1.68	2.05	2.40	3.38	K 6.98	K 2.61	K 3.38	K 1.20	K 1.31	K 1.68	3.38	2.40
26.	K 1.00	K 4.70	1.68	2.05	2.40	3.38	K 9.84	K 2.61	K 1.68	K 1.20	K 1.20	K 1.68	3.10	2.40
27.	K 1.09	K 4.36	1.68	2.21	2.21	4.36	K 19.2	K 2.61	K 2.05	K 1.20	K 1.20	K 1.68	3.10	2.40
28.	K 1.20	K 4.70	1.80	1.92	2.40	4.36	K 19.2	K 2.61	K 1.68	K 1.09	K 1.20	K 1.92	2.61	2.21
29.	K 1.20	K 3.69	2.05	2.40	2.40	3.69	K 14.7	K 2.40	K 1.56	K 1.09	K 1.20	K 1.80	2.61	3.10
30.	K 1.20	K 3.10	5.82	2.21	2.21	3.69	K 13.6	K 2.21	K 1.56	K 1.09	K 1.20	K 1.68	3.38	2.84
31.	K 1.20	K 3.10	6.98	2.21	2.21	2.21	K 12.8		K 1.56	K 1.09	K 1.80	K 1.80	2.61	2.61
Tag	1.+	5.+	25.+	28.	1.	1.+	12.+	30.	15.+	28.+	8.	1.+	1.+	28.
NQ	1.00	1.00	1.68	1.92	1.92	2.05	2.84	2.21	1.56	1.09	1.00	1.09	1.56	2.21
MQ	1.15	2.41	3.21	3.81	2.77	3.96	6.15	6.00	1.84	1.43	1.44	1.87	3.35	3.24
HQ	1.92	14.0	8.11	11.7	4.36	10.9	21.3	28.6	7.36	5.82	5.82	9.15	11.7	7.74
Tag	3.	23.	31.	4.	11.	12.	27.	1.	25.	6.	11.	12.	8.	10.
h <sub>N</sub> mm	6	12	16	18	14	20	31	30	9	7	7	10	17	17
h <sub>A</sub> mm														
	1961/2012		1962/2013 52 Kalenderjahre											
Jahr	2008	2006	1977+	1996	1963+	2007	2007	1976	1976	1976	2008	2008	2008	2006
NQ	0.100	0.670	0.800	0.800	0.930	1.19	1.06	0.920	0.680	0.570	0.410	0.150	0.100	0.670
MNQ	1.39	1.79	2.19	2.61	3.02	3.32	2.30	1.87	1.45	1.28	1.20	1.18	1.39	1.80
MQ	2.27	3.58	4.52	4.72	5.50	4.76	3.36	2.75	2.05	1.72	1.59	1.67	2.31	3.55
MHQ	6.21	12.9	15.4	14.1	14.8	10.4	8.40	9.25	5.85	5.13	4.91	4.36	6.38	12.6
HQ	46.9	73.0	75.6	60.1	70.8	81.2	30.7	49.9	16.8	27.6	35.5	21.0	46.9	73.0
Jahr	1998	1988	2003	1970	1994	1983	1971	1975	2002	1970	2007	1998	1998	1988
Mh <sub>N</sub> mm	11	18	23	22	28	24	17	14	10	9	8	9	11	18
Mh <sub>A</sub> mm														
	Abflussjahr (*) 2013				Kalenderjahr 2013				Unterschrittene Abflüsse m <sup>3</sup> /s					
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschreitungs- dauer in Tagen	Abfluss- jahr (*) 2013	Kalender- jahr 2013	Obere Hüllkurve	Mittlere Werte	Untere Hüllkurve		
NQ	m <sup>3</sup> /s	1.00 am 01.11.2012	1.00	1.00	1.00	am 08.09.2013	364	23.4	23.4	55.6	21.4	7.68		
MQ	m <sup>3</sup> /s	3.00	2.87	3.12	3.25		363	19.2	19.2	45.9	18.4	6.90		
HQ	m <sup>3</sup> /s	28.6 am 01.06.2013 bei W = 100 cm	14.0	28.6	28.6	am 01.06.2013 bei W = 100 cm	362	19.2	19.2	43.3	16.6	6.55		
Nq	l/(skm <sup>2</sup> )	1.91	1.91	1.91	1.91		361	16.7	16.7	31.1	14.7	5.97		
Mq	l/(skm <sup>2</sup> )	5.72	5.49	5.95	6.20		360	14.7	14.7	27.4	14.0	5.78		
Hq	l/(skm <sup>2</sup> )	54.6	26.7	54.6	54.6		359	13.6	13.6	26.5	13.1	5.50		
							358	13.2	13.2	24.6	12.0	5.24		
							357	12.8	12.8	24.2	12.0	5.24		
							356	11.3	11.3	24.2	11.4	4.68		
h <sub>N</sub>	mm						355	8.81	8.81	18.6	9.30	3.65		
h <sub>A</sub>	mm	180	86	95	195		350	6.98	6.98	14.1	7.46	3.10		
							340	5.82	5.82	12.0	6.55	2.60		
							330	5.07	5.44	10.3	5.67	2.45		
							320	4.01	4.36	8.46	4.68	2.16		
							300	3.38	3.38	7.16	3.61	1.76		
							270	2.84	3.10	6.15	2.97	1.50		
							240	2.21	2.40	5.42	2.59	1.30		
							210	1.80	2.21	4.73	2.21	1.04		
							183	1.80	2.21	3.81	1.89	0.920		
							150	1.68	2.05	3.30	1.68	0.920		
							130	1.68	2.05	3.30	1.68	0.920		
							120	1.68	2.05	3.30	1.64	0.920		
							110	1.68	1.80	3.05	1.56	0.920		
							100	1.56	1.80	3.05	1.45	0.920		
HQ <sub>1</sub>	m <sup>3</sup> /s						90	1.56	1.68	2.85	1.43	0.920		
HQ <sub>5</sub>	m <sup>3</sup> /s						80	1.43	1.68	2.85	1.37	0.800		
							70	1.31	1.68	2.85	1.32	0.800		
MNq	l/(skm <sup>2</sup> )	1.72	2.44	1.97	1.86		60	1.20	1.56	2.65	1.26	0.800		
Mq	l/(skm <sup>2</sup> )	6.11	8.07	4.18	6.11		50	1.20	1.56	2.65	1.19	0.800		
MHq	l/(skm <sup>2</sup> )	57.6	53.3	25.9	60.0		40	1.09	1.43	2.45	1.17	0.800		
							30	1.09	1.31	2.45	1.06	0.800		
Mh <sub>N</sub>	mm	193	126	67	193		25	1.09	1.20	2.25	1.04	0.800		
Mh <sub>A</sub>	mm						20	1.09	1.20	2.25	1.00	0.670		
							15	1.09	1.20	2.25	0.930	0.410		
							10	1.09	1.09	2.25	0.920	0.280		
							9	1.09	1.09	2.25	0.920	0.280		
							8	1.09	1.09	2.08	0.920	0.280		
							7	1.09	1.09	2.08	0.920	0.280		
							6	1.09	1.09	2.08	0.800	0.150		
							5	1.09	1.09	2.08	0.800	0.150		
							4	1.09	1.09	2.08	0.800	0.150		
							3	1.09	1.09	2.08	0.800	0.150		
							2	1.09	1.09	2.08	0.800	0.150		
							1	1.09	1.09	2.08	0.680	0.150		
							0	1.09	1.09	1.90	0.100	0.100		

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
 3 Tage Randeis, 242 Tage Verkrautung

A<sub>Eo</sub> : 104.00 km<sup>2</sup>  
 PNP : NHN+ 223.76 m  
 Lage : 1.50 km oberhalb der Mündung links



m<sup>3</sup>/s

Pegel : Bleicherode Nr. 575250  
 Gewässer : Bode  
 Gebiet : Unstrut

	Tag	2012		2013												
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
Tageswerte	1.	K 0.246	0.275	1.04	1.92	0.577	0.532	0.782	7.08	0.489	K 0.409	K 0.275	0.338	0.532	K 0.966	
	2.	K 0.275	0.275	0.966	2.51	0.577	0.577	0.782	4.85	0.577	K 0.409	K 0.246	0.373	0.624	K 0.840	
	3.	K 0.338	0.275	0.966	1.92	0.624	0.532	0.725	3.82	0.577	K 0.373	K 0.246	0.373	0.674	K 0.840	
	4.	K 0.338	0.275	1.18	3.71	0.674	0.532	0.725	3.15	0.532	K 0.373	K 0.246	0.373	0.674	K 0.782	
	5.	K 0.338	0.275	2.72	3.37	0.782	0.532	0.674	2.72	0.532	K 0.338	K 0.246	0.674	0.674	K 0.782	
	6.	K 0.305	0.275	2.61	2.72	0.782	0.532	0.674	2.02	K 0.532	K 0.448	K 0.246	0.782	0.725	K 0.840	
	7.	K 0.338	0.275	2.61	2.11	0.840	0.577	0.624	1.73	K 0.532	K 0.448	K 0.219	0.489	0.782	K 0.782	
	8.	K 0.305	0.246	2.11	1.73	0.966	0.725	0.624	1.27	K 0.532	K 0.373	K 0.246	0.448	3.59	K 0.966	
	9.	K 0.305	0.275	1.92	1.38	0.966	0.782	0.624	1.27	K 0.577	K 0.373	K 0.409	0.448	3.26	K 2.11	
	10.	0.338	0.338	2.21	1.18	1.18	0.902	0.624	1.27	K 0.577	K 0.373	K 0.338	0.577	2.51	K 2.21	
	11.	0.373	0.275	2.41	1.04	1.27	1.61	0.577	0.966	K 0.532	K 0.338	K 0.902	1.11	1.92	K 1.61	
	12.	0.373	0.275	1.73	0.966	1.11	3.04	0.674	0.840	K 0.577	K 0.373	K 0.532	1.38	1.61	K 1.27	
	13.	0.338	0.275	1.38	0.840	1.04	3.37	0.577	0.782	K 0.532	K 0.489	K 0.489	0.782	1.27	K 1.18	
	14.	0.275	0.275	1.18	0.782	0.966	2.83	0.674	0.782	K 0.489	K 0.373	K 0.409	0.624	1.18	K 1.04	
	15.	0.305	0.577	1.04	0.725	0.840	2.21	0.624	0.725	K 0.489	K 0.338	K 0.373	0.782	1.04	K 0.966	
	16.	0.275	0.840	0.902	0.725	0.782	1.92	0.577	0.674	K 0.489	K 0.338	K 0.373	0.782	0.966	K 0.840	
	17.	0.275	0.782	0.840	0.674	0.782	1.49	0.674	0.624	K 0.489	K 0.305	K 0.338	0.674	0.966	K 0.840	
	18.	0.275	0.782	0.782	0.674	0.782	1.18	2.51	0.577	K 0.448	K 0.305	K 0.373	0.577	0.902	K 0.782	
	19.	0.275	0.624	0.725	0.674	0.782	1.04	1.38	0.577	K 0.448	K 0.373	K 0.338	0.577	0.902	K 0.725	
	20.	0.275	0.532	0.674	0.624	0.782	0.902	2.02	0.532	K 0.448	K 0.305	K 0.338	0.532	2.02	K 0.674	
	21.	0.275	0.489	0.674	0.624	0.725	0.840	1.49	0.532	K 0.489	K 0.275	0.338	0.489	1.83	K 0.674	
	22.	0.275	0.489	0.577	0.577	0.674	0.782	2.93	0.532	K 0.489	K 0.305	0.305	0.489	1.73	K 0.674	
	23.	0.275	3.71	0.532	0.577	0.674	0.725	2.93	0.532	K 0.489	K 0.305	0.305	0.489	K 1.38	K 0.624	
	24.	0.305	4.85	0.532	0.577	0.577	0.725	4.05	0.532	K 0.674	K 0.275	0.305	0.489	K 1.18	K 0.624	
	25.	0.275	2.83	0.489	0.577	0.624	0.674	3.04	0.489	K 0.338	K 0.275	0.305	0.489	K 1.04	K 0.624	
	26.	0.275	2.31	0.489	0.577	0.577	0.725	5.88	0.489	K 0.373	K 0.275	0.275	0.532	K 0.840	K 0.674	
	27.	0.275	2.31	0.489	0.577	0.577	0.840	8.12	0.489	K 0.489	K 0.275	0.305	0.532	K 0.840	K 0.624	
	28.	0.275	2.21	0.489	0.532	0.532	0.840	5.88	0.448	K 0.373	K 0.275	0.338	0.577	K 0.725	K 0.624	
	29.	0.305	1.61	1.04	0.577	0.782	5.77	0.532	K 0.409	K 0.275	0.305	0.674	K 0.782	K 1.04		
	30.	0.275	1.27	2.41	0.532	0.782	4.74	0.489	K 0.373	K 0.275	0.305	0.532	K 1.04	K 0.966		
	31.	0.275	1.11	2.21	0.532	0.532	4.74	0.489	K 0.409	K 0.246		0.489		K 0.840		
Tag	1.	8.	25.+	28.	28.+	1.+	11.+	28.	25.	31.	7.	1.	1.	23.+		
NQ	0.246	0.246	0.489	0.532	0.532	0.532	0.577	0.448	0.338	0.246	0.219	0.338	0.532	0.624		
MQ	0.299	1.01	1.29	1.25	0.765	1.12	2.15	1.38	0.494	0.339	0.342	0.596	1.27	0.937		
HQ	0.577	7.72	3.26	5.19	1.49	4.96	9.67	10.9	4.51	2.02	1.73	4.16	4.85	3.37		
Tag	13.	23.	5.	4.	10.	12.	31.	1.	24.	6.	11.	11.	8.	9.		
h <sub>N</sub> mm	7	26	33	29	20	28	55	34	13	9	9	15	32	24		
h <sub>A</sub> mm																
	1951/2012		1952/2013 62 Kalenderjahre													
Jahr	2003+	1953	1977	1963	1996	1953	2007	2009	1963	2009	1997	1953	2003+	1953		
NQ	0.100	0.090	0.080	0.070	0.100	0.160	0.100	0.075	0.060	0.075	0.050	0.090	0.100	0.090		
MNQ	0.288	0.425	0.498	0.608	0.654	0.678	0.479	0.349	0.264	0.219	0.220	0.238	0.292	0.430		
MQ	0.608	1.06	1.27	1.30	1.45	1.16	0.811	0.672	0.474	0.354	0.342	0.425	0.623	1.06		
MHQ	2.33	5.22	5.80	4.66	5.49	3.85	2.80	3.84	2.36	1.49	1.28	1.42	2.40	5.26		
HQ	25.5	41.4	37.6	23.4	31.3	52.6	33.3	37.7	20.8	6.17	12.8	12.6	25.5	41.4		
Jahr	1998	1988	1968	1970	1956	1983	1971	1975	1955	1981	2007	1998	1998	1988		
Mh <sub>N</sub> mm	15	27	33	30	37	29	21	17	12	9	9	11	16	27		
Mh <sub>A</sub> mm																
Hauptwerte			Abflussjahr (*) 2013				Kalenderjahr 2013				Unterschrittene Abflüsse m <sup>3</sup> /s					
			Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschreitungs- dauer in Tagen		Abfluss- jahr (*) 2013		Kalender- jahr 2013		1952/2013 62 Kalenderjahre	
	NQ	m <sup>3</sup> /s	0.219	am 07.09.2013	0.246	0.219	0.219	am 07.09.2013	364	8.12	8.12	19.8	7.70	1.88		
	MQ	m <sup>3</sup> /s	0.917		0.952	0.884	0.991		363	7.08	7.08	13.5	6.02	1.88		
	HQ	m <sup>3</sup> /s	10.9	am 01.06.2013 bei W = 156 cm	7.72	10.9	10.9	am 01.06.2013 bei W = 156 cm	362	5.88	5.88	12.4	5.34	1.82		
	Nq	l/(skm <sup>2</sup> )	2.11		2.37	2.11	2.11		361	5.88	5.88	11.5	4.69	1.82		
	Mq	l/(skm <sup>2</sup> )	8.82		9.15	8.50	9.53		360	5.77	5.77	11.1	4.27	1.63		
	Hq	l/(skm <sup>2</sup> )	105		74.2	105	105		359	4.85	4.85	9.63	3.95	1.51		
	h <sub>N</sub>	mm	278		143	135	301		358	4.85	4.74	9.00	3.74	1.39		
	h <sub>A</sub>	mm							357	4.74	4.74	8.70	3.52	1.33		
									356	4.74	4.05	8.26	3.35	1.27		
									355	3.37	3.26	5.93	2.68	1.10		
									340	2.72	2.61	4.47	2.11	0.720		
									330	2.21	2.21	4.05	1.77	0.660		
									320	1.92	1.92	3.45	1.54	0.540		
									300	1.18	1.27	2.86	1.23	0.360		
									270	0.840	0.966	2.32	0.930	0.320		
									240	0.725	0.782	1.99	0.750	0.300		
									210	0.624	0.725	1.75	0.600	0.240		
									183	0.577	0.674	1.60	0.510	0.200		
								150	0.532	0.577	1.23	0.420	0.170			
								130	0.489	0.577	0.960	0.370	0.150			
								120	0.489	0.532	0.800	0.340	0.150			
								110	0.448	0.532	0.750	0.320	0.150			
								100	0.373	0.532	0.750	0.300	0.140			
								90	0.373	0.489	0.700	0.300	0.140			
								80	0.338	0.489	0.700	0.270	0.140			
								70	0.338	0.448	0.680	0.250	0.140			
								60	0.305	0.409	0.680	0.240	0.140			
								50	0.305	0.373	0.620	0.230	0.130			
								40	0.275	0.338	0.620	0.200	0.120			
								30	0.275	0.338	0.580	0.200	0.120			
								25	0.275	0.305	0.540	0.190	0.100			
								20	0.275	0.305	0.540	0.170	0.100			
								15	0.275	0.275	0.540	0.160	0.090			
								10	0.275	0.275	0.510	0.150	0.090			
								9	0.246	0.275	0.510	0.140	0.080			
								8	0.246	0.275	0.510	0.140	0.080			
								7	0.246	0.246	0.510	0.140	0.080			
								6	0.246	0.246	0.510	0.140	0.080			
								5	0.246	0.246	0.510	0.140	0.080			
								4	0.246	0.246	0.510	0.130	0.080			
								3	0.246	0.246	0.460	0.120	0.080			
								2	0.246	0.246	0.440	0.110	0.080			
								1	0.246	0.246	0.440	0.100	0.070			
								0	0.219	0.219	0.440	0.050	0.050			

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

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



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

m<sup>3</sup>/s

Table with columns for Tag (1-31) and months (Nov, Dez, Jan, Feb, Mrz, Apr, Mai, Jun, Jul, Aug, Sep, Okt, Nov, Dez) for the years 2012 and 2013. It lists daily flow values in m³/s.

Summary table with columns for Tag, NQ, MQ, HQ, Tag, h<sub>N</sub> mm, h<sub>A</sub> mm for 1957/2012 and 1958/2013. It includes annual and monthly flow statistics.

Main data table with columns for Abflussjahr (\*), Kalenderjahr, and Dauertabelle. It includes flow statistics for 2013 and 1958/2013, categorized by winter and summer, and includes a detailed 'Dauertabelle' (duration table) for flow values.

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. 48 Tage Verkrautung

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



m<sup>3</sup>/s

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

Tag	2012		2013													
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
1.	0.400	0.600	8.05	11.2	1.95	1.95	3.10	22.5	1.20	0.400	0.350	0.400	1.80	3.30		
2.	0.400	0.600	7.00	12.2	1.95	1.95	3.10	19.2	1.50	0.350	0.350	0.400	2.70	3.30		
3.	0.500	0.600	7.00	11.2	1.95	1.95	2.90	15.2	1.20	0.350	0.350	0.400	6.50	3.30		
4.	0.700	0.600	8.05	11.9	1.95	1.95	2.70	11.9	1.05	0.300	0.350	0.450	7.35	3.30		
5.	0.700	0.700	8.75	13.0	1.95	1.95	2.70	9.80	1.05	0.350	0.350	0.700	6.75	3.30		
6.	0.600	0.600	9.10	12.2	1.95	1.95	2.70	7.70	0.900	0.450	0.300	1.20	7.35	3.50		
7.	1.05	0.600	8.40	10.5	2.30	1.65	2.50	6.25	0.800	0.800	0.300	0.900	9.80	3.30		
8.	1.20	0.450	7.00	8.75	2.90	1.35	2.70	5.50	0.800	0.450	0.300	0.800	14.4	3.90		
9.	1.05	0.500	6.75	7.35	3.30	1.35	2.70	5.00	0.700	0.450	0.700	0.700	14.8	8.05		
10.	1.05	0.600	6.75	6.50	3.50	1.65	2.70	4.75	0.700	0.400	0.500	0.900	12.6	10.8		
11.	1.35	0.600	6.25	5.75	3.50	2.90	2.50	3.90	0.800	0.400	2.10	1.50	10.2	10.2		
12.	1.05	0.600	5.50	5.25	3.30	5.50	3.10	3.70	0.700	0.450	2.10	3.70	8.05	8.75		
13.	0.800	0.600	5.00	4.50	3.30	10.2	2.70	3.30	0.600	0.600	1.20	2.30	6.75	7.00		
14.	0.800	0.600	4.75	3.90	3.10	12.2	2.90	3.10	0.600	0.500	1.05	1.80	6.00	6.25		
15.	0.800	1.65	4.10	3.90	2.90	11.6	3.30	2.70	0.600	0.500	1.05	2.30	5.25	5.25		
16.	0.700	2.50	3.90	3.70	2.90	11.9	3.90	2.70	0.500	0.500	0.800	2.30	4.50	4.75		
17.	0.700	3.10	3.50	3.50	2.90	10.5	3.50	2.30	0.450	0.450	0.900	2.10	4.10	4.30		
18.	0.600	4.50	3.50	3.10	2.90	8.75	5.75	2.30	0.450	0.450	0.900	1.95	3.70	3.70		
19.	0.600	5.25	3.10	3.10	2.70	6.75	5.00	K 2.10	0.400	0.700	0.900	1.80	3.50	3.70		
20.	0.600	5.00	3.10	2.90	2.70	6.00	5.50	K 1.95	0.400	0.700	0.800	1.65	4.10	3.30		
21.	0.600	4.50	2.90	2.70	2.50	5.25	5.00	K 1.95	0.350	0.600	0.700	1.50	3.70	3.10		
22.	0.600	4.10	2.70	2.70	2.30	4.75	5.75	K 1.95	0.350	0.600	0.600	1.35	3.50	2.70		
23.	0.500	11.2	2.50	2.50	2.10	4.10	6.00	K 1.80	0.350	0.500	0.600	1.35	3.30	2.70		
24.	0.500	29.5	2.10	2.50	1.80	3.70	8.75	K 1.80	0.400	0.450	0.500	1.35	3.30	2.50		
25.	0.500	24.0	2.10	2.50	1.95	3.50	8.05	K 1.65	0.600	0.450	0.500	1.35	3.30	2.50		
26.	0.500	20.8	1.80	2.30	2.10	3.50	12.2	K 1.50	0.500	0.400	0.450	1.65	3.50	2.30		
27.	0.500	18.0	1.95	2.10	2.10	4.50	16.8	K 1.50	0.500	0.350	0.450	2.90	3.50	2.30		
28.	0.600	16.8	2.10	2.10	1.95	3.90	15.6	1.50	0.450	0.350	0.450	2.50	3.50	2.10		
29.	0.600	13.3	2.70	2.70	1.95	3.50	14.0	1.50	0.400	0.350	0.400	2.30	2.90	3.30		
30.	0.600	11.6	6.75	6.75	1.95	3.10	12.2	1.50	0.500	0.350	0.400	2.30	3.50	2.90		
31.	0.600	9.45	9.80	9.80	1.95	3.10	13.0	1.50	0.400	0.350	1.95	1.95	2.70	2.70		
Tageswerte	Tag	1.+	8.	26.	27.+	24.	8.+	7.+	26.+	21.+	4.	6.+	1.+	28.		
	NQ	0.400	0.450	1.80	2.10	1.80	1.35	2.50	1.50	0.350	0.300	0.300	0.400	1.80	2.10	
	MQ	0.705	6.24	5.06	5.85	2.47	4.79	5.91	5.08	0.652	0.461	0.690	1.57	5.81	4.27	
	HQ	1.35	32.0	10.8	14.8	3.70	13.0	20.8	25.5	2.30	2.30	3.90	6.00	16.8	10.8	
	Tag	7.	24.	30.	4.	10.	14.	31.	1.	26.	6.	11.	11.	8.	10.	
	h <sub>N</sub> mm	6	55	45	47	22	41	52	43	6	4	6	14	50	38	
	h <sub>A</sub> mm															
		1953/2012		1954/2013		60 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	1.21	1.68	2.11	2.41	2.45	2.70	1.71	0.894	0.717	0.587	0.604	0.741	1.23	1.71		
MQ	3.06	5.23	6.18	5.52	6.48	5.43	2.97	2.09	1.50	1.13	1.18	1.79	3.15	5.29		
MHQ	10.1	19.2	23.7	15.4	21.4	12.7	6.71	7.15	4.57	3.08	4.23	6.30	10.4	19.4		
HQ	85.6	87.1	91.9	49.5	95.1	63.3	24.9	46.5	29.6	11.4	43.5	81.4	85.6	87.1		
Jahr	1998	1954	1987	2002	1956	1994	1965	1977	1956	1970	2007	1998	1998	1954		
Mh <sub>N</sub> mm	26	46	54	44	57	46	26	18	13	10	10	16	27	47		
Mh <sub>A</sub> mm																
Hauptwerte	Abflussjahr (*) 2013		Kalenderjahr 2013		Unterschrittene Abflüsse m <sup>3</sup> /s		Dauertabelle		Unterschrittene Abflüsse m <sup>3</sup> /s		Unterschrittene Abflüsse m <sup>3</sup> /s		Unterschrittene Abflüsse m <sup>3</sup> /s		Unterschrittene Abflüsse m <sup>3</sup> /s	
	Jahr		Datum		Jahr		Datum		Abflussjahr (*) 2013		Kalenderjahr 2013		Obere Hüllkurve		Mittlere Werte	
	Winter		Sommer		Winter		Sommer		Winter		Sommer		Winter		Sommer	
	NQ m <sup>3</sup> /s		0.300 am 04.08.2013		0.400		0.300		0.300 am 04.08.2013		364		29.5		22.5	
	MQ m <sup>3</sup> /s		3.28		4.18		2.39		3.53		363		24.0		19.2	
	HQ m <sup>3</sup> /s		32.0 am 24.12.2012 bei W = 100 cm		32.0		25.5		25.5 am 01.06.2013 bei W = 91.0 cm		362		22.5		16.8	
	Nq I/(skm <sup>2</sup> )		0.987		1.32		0.987		0.987		361		20.8		15.6	
	Mq I/(skm <sup>2</sup> )		10.8		13.7		7.86		11.6		360		19.2		15.2	
	Hq I/(skm <sup>2</sup> )		105		105		83.9		83.9		359		18.0		14.8	
	h <sub>N</sub> mm		340		215		125		366		358		16.8		14.4	
	h <sub>A</sub> mm										357		16.8		14.0	
											356		15.6		13.0	
											355		12.2		12.2	
											350		12.2		12.2	
											340		11.2		10.5	
										330		8.75		8.75		
										320		7.00		7.35		
										300		5.25		6.00		
										270		3.50		3.90		
										240		2.90		3.30		
										210		2.30		2.90		
										183		1.95		2.70		
										150		1.50		2.10		
										130		1.05		1.95		
										120		0.800		1.80		
										110		0.700		1.50		
										100		0.700		1.35		
										90		0.600		0.900		
										80		0.600		0.800		
										70		0.600		0.700		
										60		0.500		0.600		
										50		0.450		0.500		
										40		0.450		0.450		
										30		0.400		0.400		
										25		0.400		0.400		
										20		0.400		0.400		
										15		0.350		0.350		
										10		0.350		0.350		
										9		0.350		0.350		
										8		0.350		0.350		
										7		0.350		0.350		
										6		0.350		0.350		
										5		0.350		0.350		
										4		0.350		0.350		
										3		0.300		0.300		
										2		0.300		0.300		
										1		0.300		0.300		
										0		0.300		0.300		
Extremwerte	Niedrigwasser (n)		Hochwasser		Niedrigwasser (n)		Hochwasser		Niedrigwasser (n)		Hochwasser		Niedrigwasser (n)		Hochwasser	
	m <sup>3</sup> /s		I/(skm <sup>2</sup> )		Datum		m <sup>3</sup> /s		I/(skm <sup>2</sup> )		cm		Datum		m <sup>3</sup> /s	
	1		0.050		0.164		22.10.1966		95.1		313		04.03.1956		0.050	
	2		0.080		0.263		09.02.1960		91.9		302		01.01.1987		0.080	



A<sub>Eo</sub> : 62.30 km<sup>2</sup>  
PNP : NN+ 303.64 m  
Lage : 7.00 km oberhalb der Mündung rechts



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

m<sup>3</sup>/s

Table with columns for Tag (1-31) and years 2012 (Nov, Dez) and 2013 (Jan-Dez). Rows show daily discharge values in m³/s.

Summary table with columns for Tag, NQ, MQ, HQ, Tag, h<sub>N</sub>, h<sub>A</sub> and rows for 1951/2012, 1952/2013, and 62 Kalenderjahre.

Main summary table with columns for Abflussjahr (\*), Kalenderjahr, and Unterschrittene Abflüsse m³/s. Includes sub-tables for 2013, 1952/2013, and 1952/2013 (\*).

Extremwerte table with columns for Niedrigwasser (n) and Hochwasser, including rows for 1-10 extreme events.

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10. 14 Tage Eisdecke/Eisstand, 4 Tage Grundeis, 40 Tage Randeis

A<sub>Eo</sub> : 1255.00 km<sup>2</sup>  
PNP : NHH+ 253.38 m  
Lage : 171.00 km oberhalb der Mündung rechts



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

m<sup>3</sup>/s

	Tag	2012		2013											
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tageswerte	1.	K 5.02	K 7.49	K26.6	K30.7	K10.3	K11.6	K10.3	141	11.2	5.10	5.54	5.10	3.78	7.32
	2.	K 5.24	K 6.81	K24.5	K29.4	K10.8	K11.1	K 9.61	244	9.95	4.22	4.88	4.88	4.22	6.65
	3.	K 5.24	K 6.58	K20.9	K23.5	K11.8	K10.6	K 9.37	300	9.08	5.10	4.65	5.10	4.00	5.10
	4.	K 6.58	K 5.69	K24.0	K22.6	K11.8	K10.3	K 8.89	173	8.20	6.65	4.43	5.10	4.22	4.00
	5.	K 5.69	K 5.91	K43.4	K26.0	K12.1	K10.1	K 8.19	124	7.98	5.76	4.88	5.32	4.88	4.22
	6.	K 6.36	K 5.91	K48.3	K26.0	K12.9	K 9.85	K 7.95	99.9	7.32	4.88	4.65	5.10	5.76	4.88
	7.	K 6.58	K 5.47	K62.7	K26.6	K16.1	K 9.85	K 8.19	88.3	6.87	8.42	4.43	5.32	6.43	4.22
	8.	K 6.13	K 5.69	K61.8	K29.4	K26.0	K10.3	K 7.72	80.7	6.65	7.09	4.22	5.54	6.43	4.22
	9.	K 5.91	K 6.26	K56.2	K27.1	K36.7	K11.1	K 7.03	74.0	5.76	5.32	11.0	5.54	6.20	5.98
	10.	K 5.69	K 7.81	K58.0	K26.6	K38.1	K14.3	K 7.49	75.0	5.54	5.54	8.20	6.65	6.43	9.52
	11.	K 6.13	K 6.13	K56.2	K24.0	K36.7	K15.5	K 6.81	52.7	5.54	5.32	5.10	9.08	7.09	10.4
	12.	K 6.58	K 5.91	K49.2	K19.7	K30.0	K19.7	K 6.58	31.9	5.54	4.88	5.10	9.08	6.87	10.8
	13.	K 6.13	K 8.19	K43.4	K15.8	K26.6	K18.5	K 6.13	24.5	5.76	5.10	4.88	7.76	7.32	9.52
	14.	K 5.47	K 8.66	K40.3	K14.6	K23.1	K15.2	K 6.13	25.0	5.76	4.65	4.88	7.32	6.87	9.08
	15.	K 5.47	K 9.13	K33.2	K13.4	K20.9	K13.7	K 6.58	22.6	5.76	4.43	5.10	6.87	6.87	8.64
	16.	K 5.47	K12.6	K25.0	K13.7	K20.1	K12.9	K 6.36	20.5	5.54	4.88	5.54	6.87	6.87	7.54
	17.	K 5.24	K19.7	K25.5	K14.0	K18.5	K11.8	K 5.91	17.1	5.76	4.65	6.87	7.09	6.87	6.87
	18.	K 4.80	K25.0	K24.0	K12.6	K18.2	K11.3	K12.1	14.9	5.54	4.65	5.98	8.64	6.87	6.65
	19.	K 5.24	K28.8	K21.3	K11.6	K15.8	K11.8	K12.9	13.2	5.54	5.10	8.86	7.98	6.43	6.65
	20.	K 4.80	K27.1	K19.7	K11.8	K16.1	K15.8	K13.7	15.2	5.32	5.32	6.65	6.43	6.43	6.87
	21.	K 4.80	K24.0	K18.5	K12.1	K20.1	K14.9	K12.1	29.4	5.54	4.65	5.98	5.54	5.54	6.43
	22.	K 4.59	K19.3	K13.7	K14.0	K18.9	K12.3	K11.1	24.5	5.54	4.65	5.10	5.10	5.32	6.20
	23.	K 4.59	K33.9	K12.9	K12.9	K17.1	K11.6	K11.3	16.8	5.54	4.65	5.10	5.32	5.98	5.98
	24.	K 4.59	K69.5	K11.6	K12.1	K15.5	K 9.85	K11.8	12.3	5.76	4.22	5.10	5.10	6.65	5.76
	25.	K 4.59	K45.8	K10.8	K11.1	K14.3	K 8.66	K19.3	13.2	7.76	4.43	5.10	4.88	5.76	5.32
	26.	K 5.02	K36.0	K10.1	K11.3	K13.1	K 8.66	K25.5	15.2	5.98	6.20	4.43	4.65	4.65	5.32
	27.	K 4.80	K33.9	K 9.85	K12.6	K12.9	K10.8	K43.4	13.4	5.76	5.10	4.43	4.22	4.65	5.32
	28.	K 4.80	K53.5	K 9.61	K12.1	K11.6	K12.1	K41.0	11.7	5.54	5.10	4.65	4.22	5.32	5.10
	29.	K10.6	K45.8	K12.1	K12.1	K12.1	K10.6	K38.8	11.7	11.2	4.65	4.43	4.00	6.20	4.88
	30.	K 9.85	K37.4	K28.2	K37.4	K11.8	K10.1	K47.4	11.9	8.42	4.43	4.88	4.22	7.32	4.65
	31.		K30.7	K33.2		K11.8		K127		6.20	4.43		3.78		4.22
Tag	22.+	7.	28.	25.	1.	25.+	17.	28.+	20.	2.+	8.	31.	1.	4.	
NQ	4.59	5.47	9.61	11.1	10.3	8.66	5.91	11.7	5.32	4.22	4.22	3.78	3.78	4.00	
HQ	5.73	20.8	30.2	18.5	18.4	12.2	18.0	59.9	6.70	5.15	5.50	5.86	5.94	6.40	
Tag	12.6	79.8	71.5	33.9	39.6	23.1	180	420	21.3	17.8	20.5	13.9	8.64	19.7	
Tag	29.	23.	7.	2.	9.	12.	31.	3.	29.	4.	9.	11.	18.	12.	
h <sub>N</sub> mm															
h <sub>A</sub> mm	12	44	64	36	39	25	38	124	14	11	11	13	12	14	
	1924/2012		1925/2013 89 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	4.98	5.24	6.20	7.32	8.64	8.22	5.25	4.52	4.08	3.73	3.75	3.78	4.94	5.23	
HQ	8.75	10.7	13.0	13.7	17.6	15.4	10.1	9.54	8.59	7.22	6.43	7.14	8.68	10.7	
MHQ	20.5	27.9	33.0	33.5	40.3	32.9	28.9	37.9	35.2	27.9	19.8	19.0	20.2	28.0	
HQ	138	155	149	160	129	142	180	420	558	244	132	82.2	138	155	
Jahr	2002	1974	2011	2005	2006	1944	2013	2013	1954	1955	1995	1966	2002	1974	
Mh <sub>N</sub> mm	18	23	28	27	38	32	22	20	18	15	13	15	18	23	
Mh <sub>A</sub> mm															
Hauptwerte	Abflussjahr (*) 2013		Kalenderjahr 2013				Unterschrittene Abflüsse m <sup>3</sup> /s		1925/2013 89 Kalenderjahre <sup>2</sup>						
	Jahr		Datum		Winter	Sommer	Jahr	Datum	Abflussjahr (*) 2013	Kalenderjahr 2013	Obere Hüllkurve	Mittlere Werte	Untere Hüllkurve		
	NQ	m <sup>3</sup> /s	3.78	am 31.10.2013	4.59	3.78	3.78	am 31.10.2013	364	300	300	418	83.6	18.0	
	HQ	m <sup>3</sup> /s	420	am 03.06.2013 bei W = 538 cm	17.7	16.7	16.0	am 03.06.2013 bei W = 538 cm	363	244	244	367	69.2	16.0	
	Nq	l/(skm <sup>2</sup> )	3.01		3.66	3.01	3.01		362	173	173	225	61.4	15.6	
	Hq	l/(skm <sup>2</sup> )	335		63.6	335	335		361	141	141	151	56.7	14.2	
	h <sub>N</sub>	mm							360	127	127	127	52.5	13.9	
	h <sub>A</sub>	mm	432		221	211	402		359	124	124	124	49.2	13.2	
									358	99.9	99.9	99.9	46.4	12.6	
									357	88.3	88.3	91.1	44.4	12.3	
									356	80.7	80.7	90.0	42.3	12.0	
									350	58.0	56.2	71.2	33.8	11.1	
									340	43.4	40.3	56.2	26.4	9.58	
									330	36.0	29.4	52.0	21.8	8.76	
									320	29.4	26.0	50.2	18.9	7.04	
								300	24.5	20.1	41.4	15.2	5.36		
								270	16.1	14.0	34.5	12.0	4.00		
								240	12.9	11.8	29.0	9.94	3.52		
								210	11.6	10.6	23.1	8.19	3.28		
								183	9.85	8.64	19.0	6.93	3.10		
								150	7.26	6.87	16.0	5.72	2.52		
								130	6.58	6.43	13.9	5.16	1.98		
								120	6.13	5.98	13.3	4.93	1.90		
								110	5.76	5.76	12.8	4.69	1.82		
								100	5.69	5.54	11.9	4.52	1.82		
								90	5.54	5.32	11.3	4.33	1.68		
								80	5.47	5.32	10.8	4.18	1.61		
								70	5.24	5.10	10.5	4.02	1.54		
								60	5.10	5.10	10.2	3.88	1.42		
								50	5.10	4.88	9.95	3.62	1.42		
								40	4.88	4.88	9.00	3.34	1.37		
								30	4.65	4.65	8.51	2.98	1.32		
								25	4.65	4.43	8.27	2.79	1.27		
								20	4.59	4.43	7.93	2.62	1.22		
								15	4.43	4.22	7.71	2.44	1.17		
								10	4.43	4.22	7.41	2.20	1.12		
								9	4.43	4.22	7.28	2.16	1.12		
								8	4.43	4.22	7.28	2.10	1.12		
								7	4.22	4.22	7.28	2.06	1.08		
								6	4.22	4.22	7.28	1.98	1.08		
								5	4.22	4.22	7.28	1.98	1.08		
								4	4.22	4.00	7.07	1.75	1.08		
								3	4.22	4.00	6.87	1.65	1.04		
								2	4.22	4.00	6.87	1.54	1.04		
								1	4.00	3.78	6.67	1.37	1.00		
								0	3.78	3.78	6.67	0.830	0.830		
Extremwerte	Niedrigwasser (n)		Hochwasser												
		m <sup>3</sup> /s		Datum	m <sup>3</sup> /s	l/(skm <sup>2</sup> )	cm	Datum							
	1	0.830	0.661	18.08.1952	558	445		11.07.1954							
	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		10.06.1961							
	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 der Pegelanlage auf rechte Uferseite (Inbetriebnahme 10/91), Wasserstände nicht mehr vergleichbar, Beeinflussung durch TS-Steuerung 212 Tage Verkrautung  
<sup>2</sup>Vorsicht:

A<sub>Eo</sub> : 2186.00 km<sup>2</sup>  
 PNP : NHH+ 179.76 m  
 Lage : 116.00 km oberhalb der Mündung links



m<sup>3</sup>/s

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

Tag	2012		2013												
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
1.	K 7.63	K12.7	37.5	47.5	21.0	20.0	20.5	276	16.7	8.28	6.76	7.63	10.3	8.93	
2.	K 7.63	K10.3	33.6	50.4	21.5	18.6	18.1	352	15.1	7.63	7.04	7.04	10.3	8.93	
3.	K 7.63	K 9.62	26.9	42.3	21.0	18.1	17.6	520	13.9	7.34	6.76	7.34	10.7	7.96	
4.	K 8.93	K 8.93	27.5	40.2	20.5	17.6	16.2	280	12.7	7.63	6.48	7.34	10.7	7.34	
5.	K 7.96	K 9.27	51.9	47.5	21.9	16.7	14.3	173	11.5	9.97	6.48	7.63	10.7	7.34	
6.	K 8.60	K 8.93	66.4	45.3	24.0	16.2	13.1	126	11.1	7.96	6.48	7.34	8.60	7.63	
7.	K 8.60	K 8.28	83.4	41.6	30.4	15.9	15.9	105	10.3	9.62	6.22	7.34	8.60	7.63	
8.	K 8.28	K 7.63	83.4	44.5	42.3	20.5	22.4	94.8	9.62	11.1	6.22	7.96	8.93	7.04	
9.	K 7.96	K 8.93	76.6	40.9	55.0	22.4	21.5	85.3	9.62	7.96	14.3	7.96	8.93	7.63	
10.	K 7.96	K 8.93	76.6	38.2	59.0	28.1	20.5	100	8.93	8.28	13.1	8.60	8.60	10.7	
11.	K 7.96	K12.7	74.6	34.2	60.6	32.3	19.5	79.5	8.93	7.96	8.93	11.1	8.60	12.3	
12.	K 8.93	K11.9	63.9	30.4	51.1	38.2	18.1	54.3	8.60	6.76	7.63	13.9	8.28	11.5	
13.	K 7.96	K15.1	54.3	24.5	44.5	38.9	16.2	41.6	9.27	7.96	7.96	10.7	8.28	11.9	
14.	K 7.63	K17.6	48.9	22.4	38.9	31.0	15.1	41.6	9.62	7.34	7.04	9.97	9.62	10.3	
15.	K 7.34	K16.2	44.5	21.0	33.6	26.9	14.3	38.2	9.27	6.48	7.04	9.27	8.28	10.3	
16.	K 7.63	K20.0	32.3	21.0	32.3	22.4	13.9	34.9	8.93	6.48	7.96	10.3	8.28	8.93	
17.	K 7.63	K26.9	31.0	21.9	29.2	21.9	12.7	30.4	8.28	7.04	9.97	12.7	8.28	8.60	
18.	K 7.34	K31.7	31.0	21.0	28.6	20.5	21.0	28.6	7.96	6.76	8.28	13.9	8.28	8.28	
19.	K 7.34	K38.9	27.5	20.0	25.7	17.6	27.5	26.9	8.28	7.04	9.97	13.9	8.28	8.28	
20.	K 7.63	K38.9	24.5	19.5	26.3	20.5	28.6	26.9	8.28	7.63	9.97	12.3	8.28	7.96	
21.	K 7.04	K35.6	24.0	18.6	31.0	21.0	22.9	46.7	7.96	7.34	9.27	11.1	8.93	8.28	
22.	K 6.76	K30.4	21.0	20.5	30.4	20.0	21.0	41.6	8.28	7.04	7.63	10.3	7.96	7.96	
23.	K 6.76	K40.2	20.0	20.0	28.1	17.6	22.4	34.9	7.96	6.48	7.34	10.3	8.28	7.63	
24.	K 6.76	112	18.6	20.5	24.5	15.1	21.0	26.9	7.34	6.22	7.96	10.3	8.60	7.96	
25.	K 6.76	75.6	17.6	21.9	22.9	13.9	22.4	22.9	10.3	6.22	7.63	9.97	8.60	7.63	
26.	K 6.22	55.8	15.1	22.4	21.9	13.5	34.9	25.1	9.27	7.96	7.04	9.97	7.63	7.63	
27.	K 7.04	47.5	15.5	23.4	21.0	18.1	75.6	21.9	7.96	7.96	6.76	9.97	7.34	7.63	
28.	K 7.34	72.7	15.1	22.4	20.5	30.4	73.6	20.5	6.48	7.04	9.97	9.97	7.34	7.34	
29.	K16.2	64.8	17.6	20.5	20.5	22.4	59.0	18.6	15.5	7.04	6.76	9.97	7.63	7.34	
30.	K19.5	52.7	40.9	20.5	20.5	20.5	63.1	19.1	12.7	6.22	6.48	9.97	8.28	7.04	
31.		44.5	57.4		20.0		196		9.62	6.48		10.3	8.28	6.76	
Tag	26	8	26+	21	31	26	17	29	24	24+	7+	2	27+	31	
NQ	6.22	7.63	15.1	18.6	20.0	13.5	12.7	18.6	7.34	6.22	6.22	7.04	7.34	6.76	
MQ	8.30	30.8	40.6	30.1	30.6	21.9	31.6	93.1	10.0	7.51	7.95	9.88	8.71	8.47	
HQ	22.9	121	92.6	53.5	63.9	43.1	264	569	25.7	15.5	22.9	17.6	12.3	17.2	
Tag	29	24	7	2	11	12	31	3	29	5	9	12	5	13	
h <sub>N</sub> mm	10	38	50	33	37	26	39	110	12	9	9	12	10	10	
h <sub>A</sub> mm															
	1950/2012		1951/2013 63 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	7.17	8.00	9.65	11.1	12.7	11.4	7.50	6.86	5.71	5.52	5.72	5.85	7.19	8.02	
MQ	12.6	16.7	19.6	20.3	25.7	21.2	14.2	14.1	12.3	10.5	9.47	10.4	12.5	16.7	
MHQ	27.1	42.3	47.5	48.4	59.3	47.4	37.4	53.8	45.4	43.4	28.0	26.9	27.0	42.4	
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	24	23	32	25	17	17	15	13	11	13	15	20	
Mh <sub>A</sub> mm															
	Abflussjahr (*) 2013		Kalenderjahr 2013				Unterschrittene Abflüsse m <sup>3</sup> /s		1951/2013 63 Kalenderjahre						
	Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschreitungs-dauer in Tagen	Abfluss-jahr (*) 2013	Kalender-jahr 2013	Oberer Hüllkurve	Mittlere Werte	Untere Hüllkurve			
NQ	m <sup>3</sup> /s	6.22 am 26.11.2012	6.22	6.22	6.22	am 24.08.2013	364	520	520	631	115	19.6			
MQ	m <sup>3</sup> /s	26.8	27.1	26.4	24.9		363	352	352	505	100	18.2			
HQ	m <sup>3</sup> /s	569 am 03.06.2013 bei W = 464 cm	121	569	569	am 03.06.2013 bei W = 464 cm	362	280	280	415	88.0	17.6			
Nq	l/(skm <sup>2</sup> )	2.85	2.85	2.85	2.85		361	276	276	276	79.2	17.0			
Mq	l/(skm <sup>2</sup> )	12.2	12.4	12.1	11.4		360	196	196	196	72.2	16.4			
Hq	l/(skm <sup>2</sup> )	260	55.4	260	260		359	173	173	173	67.5	16.4			
							358	126	126	142	63.7	16.4			
							357	112	105	127	61.1	16.4			
							356	105	100	126	58.5	16.4			
h <sub>N</sub>	mm	386	194	192	359		350	79.5	76.6	108	47.8	15.2			
h <sub>A</sub>	mm						340	63.9	59.0	71.3	38.2	12.6			
							330	52.7	47.5	59.4	32.4	9.80			
							320	44.5	41.6	52.7	28.3	9.40			
							300	38.2	31.0	41.6	22.8	7.84			
							270	27.5	24.0	35.0	17.7	5.84			
							240	21.9	21.0	28.4	14.5	5.00			
							210	20.5	18.1	23.9	11.8	4.28			
							183	16.7	13.9	20.0	10.0	4.04			
							150	12.7	10.3	17.6	8.27	3.80			
							130	9.97	9.62	16.3	7.48	3.80			
							120	9.62	8.93	15.6	7.17	3.60			
							110	9.27	8.60	14.2	6.86	3.60			
							100	8.93	8.28	13.1	6.55	3.60			
							90	8.28	8.28	12.7	6.25	3.40			
							80	7.96	7.96	12.2	6.00	3.40			
							70	7.96	7.96	11.8	5.80	3.40			
							60	7.63	7.63	11.3	5.52	3.20			
							50	7.63	7.63	10.4	5.28	3.20			
							40	7.34	7.34	10.0	5.05	3.20			
							30	7.04	7.04	9.57	4.80	2.83			
							25	7.04	7.04	8.77	4.61	2.83			
							20	6.76	6.76	8.10	4.41	2.45			
							15	6.76	6.76	7.79	4.20	2.45			
							10	6.48	6.48	7.79	3.93	2.45			
							9	6.48	6.48	7.79	3.80	2.31			
							8	6.48	6.48	7.79	3.80	2.31			
							7	6.48	6.48	7.79	3.62	2.31			
							6	6.48	6.48	7.48	3.43	2.31			
							5	6.22	6.48	7.48	3.38	2.31			
							4	6.22	6.22	7.48	3.40	2.31			
							3	6.22	6.22	7.48	3.20	2.18			
							2	6.22	6.22	7.48	3.01	2.18			
							1	6.22	6.22	6.86	2.83	2.18			
							0	6.22	6.22	6.86	1.90	1.90			

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



