

A<sub>EO</sub> : 138.00 km<sup>2</sup>  
PNP : HN+ 322.03 m  
Lage : 22.60 km oberhalb der Mündung rechts



Pegel : Mupperg Nr. 252450  
Gewässer : Steinach  
Gebiet : Oberer Main

m<sup>3</sup>/s

	Tag	2010		2011													
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
Tageswerte	1.	1.15	1.99	1.89	2.10	1.89	2.33	0.712	0.300	1.00	0.499	0.300	0.570	0.857	0.363		
	2.	1.15	1.79	1.79	2.10	1.71	2.21	0.641	0.242	0.784	0.499	0.300	0.499	0.857	0.430		
	3.	1.08	1.79	1.71	1.99	1.71	2.10	0.712	0.242	1.15	0.430	0.300	0.430	0.784	0.570		
	4.	1.38	1.62	1.62	2.10	1.62	2.10	0.641	0.220	1.15	0.712	0.242	0.430	0.784	2.10		
	5.	1.31	1.62	1.62	3.31	1.62	1.79	0.641	0.242	0.857	0.641	1.00	0.430	0.712	4.87		
	6.	1.79	1.62	1.89	3.63	1.54	1.71	0.570	0.242	0.712	0.430	0.430	0.499	0.712	3.01		
	7.	2.58	1.54	8.41	3.63	1.46	1.62	0.570	0.242	0.641	0.712	0.712	0.784	0.712	3.47		
	8.	2.46	1.99	17.0	3.80	1.38	1.54	0.499	1.08	1.23	0.570	1.08	1.00	0.641	3.15		
	9.	2.46	2.10	21.7	3.80	1.38	1.46	0.499	0.499	0.784	0.931	1.00	0.712	0.641	5.85		
	10.	2.58	1.79	19.4	3.80	1.46	1.38	0.499	0.363	0.712	0.712	0.784	1.08	0.641	6.67		
	11.	2.72	2.21	14.2	5.46	1.54	1.38	0.430	0.300	0.931	0.499	0.857	1.08	0.641	5.85		
	12.	5.46	3.47	11.0	5.85	1.54	1.38	0.499	0.242	0.641	0.570	1.71	2.58	0.570	5.46		
	13.	12.8	2.46	16.4	6.46	1.54	1.31	0.430	0.242	0.641	0.784	1.00	3.15	0.570	4.87		
	14.	17.0	2.10	31.5	6.46	1.71	1.23	0.430	0.300	1.15	0.857	0.857	1.99	0.570	5.66		
	15.	12.8	1.89	34.5	5.85	1.99	1.15	0.430	0.242	0.784	1.15	0.784	1.71	0.499	7.09		
	16.	13.3	1.79	26.0	5.27	2.86	1.08	0.430	0.242	0.641	0.784	0.712	1.46	0.499	10.3		
	17.	12.3	1.79	19.1	4.50	4.32	1.00	0.430	0.300	0.784	0.641	0.931	1.31	0.499	13.3		
	18.	10.8	1.79	14.7	3.97	5.46	1.00	0.430	0.784	1.00	0.570	2.33	1.23	0.499	11.0		
	19.	8.18	1.71	12.0	3.63	5.07	0.931	0.363	0.499	0.931	0.641	1.38	1.62	0.499	8.41		
	20.	6.88	1.79	10.0	3.31	4.68	0.931	0.430	0.570	1.00	0.570	1.08	1.31	0.499	6.46		
	21.	6.05	1.71	8.64	2.86	4.14	0.857	0.570	1.38	0.784	0.430	0.931	1.15	0.499	5.46		
	22.	5.46	1.79	7.52	2.58	3.63	0.857	0.641	1.38	0.784	0.430	0.857	1.08	0.499	4.87		
	23.	4.87	1.99	6.46	2.33	3.15	0.784	0.430	1.15	0.641	0.363	0.784	1.08	0.499	4.68		
	24.	4.50	1.99	5.66	2.33	2.86	0.712	0.363	0.857	0.641	0.712	0.784	1.00	0.499	7.52		
	25.	3.97	1.99	4.87	2.10	2.72	0.712	0.363	0.641	0.641	0.430	0.712	1.00	0.430	9.33		
	26.	3.63	1.71	4.32	1.99	2.72	0.784	0.363	0.641	0.570	0.363	0.712	0.931	0.430	9.56		
	27.	3.15	1.99	3.80	1.99	2.58	0.784	0.363	0.570	0.499	0.784	0.641	0.857	0.363	9.33		
	28.	2.72	1.99	3.31	1.89	2.46	0.857	0.300	0.430	0.499	0.570	0.641	0.857	0.430	9.33		
	29.	2.33	1.54	3.01	2.33	2.33	0.712	0.300	0.363	0.430	0.499	0.570	0.784	0.363	8.87		
	30.	2.21	R 1.46	2.72	2.10	2.10	0.712	0.242	1.71	0.641	0.363	0.570	0.784	0.499	8.41		
	31.		R 1.89	2.33	2.21	2.21		0.300		0.570	0.363		0.784		7.09		
Tag		3.	30.	4+	28.	8+	24+	30.	4.	29.	23+	4.	3+	27+	1.		
NQ		1.08	1.46	1.62	1.89	1.38	0.712	0.242	0.220	0.430	0.363	0.242	0.430	0.363	0.363		
MQ		5.30	1.90	10.3	3.54	2.50	1.25	0.468	0.551	0.781	0.597	0.833	1.10	0.573	6.24		
HQ		18.5	3.80	37.7	6.67	5.46	2.72	1.46	3.80	2.21	1.99	4.32	4.68	1.00	14.7		
Tag		14.	12.	14.	13.	17.	1.	21.	22.	19.	14.	11.	12.	14.	16.		
h <sub>N</sub> mm		100	37	200	62	48	23	9	10	15	12	16	21	11	121		
h <sub>A</sub> mm																	
		1987/2010			1988/2011 24 Kalenderjahre												
Jahr		1991	1997	1996	1997	1996	2007	2011	2011	2010	2009	1991	1991	2011	2011		
NQ		0.400	0.560	0.420	0.420	0.270	0.570	0.242	0.220	0.196	0.220	0.210	0.210	0.363	0.363		
MNQ		1.24	1.54	1.62	1.89	2.19	1.65	0.903	0.616	0.610	0.526	0.558	0.783	1.21	1.50		
MQ		3.38	4.76	5.46	4.57	5.67	3.62	1.55	1.10	1.19	0.911	1.34	1.68	3.28	4.87		
MHQ		10.5	17.5	20.9	15.0	17.8	10.3	4.23	3.88	5.54	3.31	6.82	5.81	10.2	17.7		
HQ		51.4	43.6	58.2	61.0	54.5	47.6	11.8	9.10	19.1	8.18	58.6	30.7	51.4	43.6		
Jahr		1998	1994	2002	1997	1999	2006	2006	2009	2006	2010	1998	1998	1998	1994		
Mh <sub>N</sub> mm		64	92	106	81	110	68	30	21	23	18	25	33	62	95		
Mh <sub>A</sub> mm																	
		Abflussjahr (*) 2011			Kalenderjahr 2011			Unterschrittene Abflüsse m <sup>3</sup> /s									
		Jahr	Datum	Winter	Sommer	Jahr	Datum	Unter- schreitungs- dauer in Tagen	Abfluss- jahr (*) 2011	Kalender- jahr 2011	1988/2011 24 Kalenderjahre		Mittlere Werte				
											Obere Hüllkurve	Mittlere Werte	Untere Hüllkurve				
NQ		m <sup>3</sup> /s	0.220 am 04.06.2011	0.712	0.220	0.220 am 04.06.2011		364	34.5	34.5	56.0	28.0	7.48				
MQ		m <sup>3</sup> /s	2.42 am 14.01.2011	4.15	0.722	2.40 am 14.01.2011		363	31.5	31.5	43.1	23.5	7.00				
HQ		m <sup>3</sup> /s	37.7 am 14.01.2011	37.7	4.68			362	26.0	26.0	39.3	21.0	5.80				
Nq		I/(skm <sup>2</sup> )	1.59	5.16	1.59	1.59		361	21.7	21.7	36.1	18.6	5.38				
Mq		I/(skm <sup>2</sup> )	17.5	30.1	5.24	17.4		360	19.4	19.4	33.0	17.0	5.38				
Hq		I/(skm <sup>2</sup> )	273	273	33.9	273		359	19.1	19.1	33.0	16.1	5.38				
h <sub>N</sub>		mm	553	470	83	549		358	17.0	17.0	28.0	15.0	5.17				
h <sub>A</sub>		mm						357	17.0	16.4	24.9	14.2	4.96				
								356	16.4	14.7	24.5	13.5	4.96				
								350	12.3	10.3	17.7	10.7	4.55				
								340	6.46	8.41	12.3	8.41	4.35				
								330	5.46	5.85	10.4	7.08	3.85				
								320	4.14	5.27	9.50	6.04	3.40				
								300	2.86	3.63	7.70	4.44	2.43				
								270	2.10	2.10	5.50	3.24	1.79				
								240	1.79	1.62	3.90	2.36	1.37				
								210	1.54	1.15	2.90	1.88	1.12				
NQ		m <sup>3</sup> /s	0.196 am 20.07.2010	0.270	0.196	0.196 am 20.07.2010		183	1.15	0.931	2.56	1.54	0.931				
MNQ		m <sup>3</sup> /s	0.380	0.742	0.406	0.391		150	0.931	0.784	1.88	1.24	0.784				
MQ		m <sup>3</sup> /s	2.93	4.59	1.29	2.93		130	0.784	0.712	1.74	1.10	0.712				
MHQ		m <sup>3</sup> /s	36.2 am 26.02.1997	34.8	10.1	35.6		120	0.784	0.641	1.62	1.02	0.641				
HQ		m <sup>3</sup> /s	61.0	61.0	58.6	61.0 am 26.02.1997		110	0.712	0.641	1.50	1.00	0.641				
HQ <sub>1</sub>		m <sup>3</sup> /s						100	0.641	0.570	1.50	0.920	0.570				
HQ <sub>5</sub>		m <sup>3</sup> /s						90	0.641	0.570	1.38	0.880	0.570				
								80	0.570	0.499	1.26	0.810	0.499				
								70	0.570	0.499	1.14	0.784	0.460				
MNq		I/(skm <sup>2</sup> )	2.75	5.37	2.94	2.83		60	0.499	0.499	1.02	0.720	0.400				
Mq		I/(skm <sup>2</sup> )	21.2	33.3	9.38	21.2		50	0.430	0.430	1.02	0.660	0.350				
MHq		I/(skm <sup>2</sup> )	262	252	73.2	258		40	0.430	0.430	0.920	0.610	0.350				
Mh <sub>N</sub>		mm	670	521	149	670		30	0.363	0.363	0.820	0.558	0.270				
Mh <sub>A</sub>		mm						25	0.363	0.363	0.820	0.514	0.270				
								20	0.300	0.300	0.720	0.480	0.270				
								15	0.300	0.300	0.720	0.430	0.270				
								10	0.242	0.242	0.700	0.381	0.242				
								9	0.242	0.242	0.700	0.377	0.242				
								8	0.242	0.242	0.660	0.363	0.242				
								7	0.242	0.242	0.660	0.355	0.220				
								6	0.242	0.242	0.660	0.350	0.220				
								5	0.242	0.242	0.660	0.331	0.220				
								4	0.242	0.242	0.660	0.300	0.220				
								3	0.242	0.242	0.660	0.285	0.210				
								2	0.242	0.242	0.660	0.270	0.210				
								1	0.242	0.242	0.660	0.242	0.196				
								0	0.220	0.220	0.610	0.196	0.196				
Extremwerte		Niedrigwasser			Hochwasser												
		m <sup>3</sup> /s	I/(skm <sup>2</sup> )	Datum	m <sup>3</sup> /s	I/(skm <sup>2</sup> )	cm	Datum									
1		0.196	1														