A_{Eo} : 99.8 km²
PNP :NN + 375.32 m
Lage: 0.2 km

Q
m³/s

Pegel : Bad Berneck — Nr. 24113459
Gewässer : Ölschnitz
Gebiet : Oberer Main

Tageswerte

Tag	2005 Nov	2005 Dez	2006 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	0.690	0.682	1.68	V 0.871	1.14	13.0	2.40	6.10	1.04	0.738	1.06	0.730	0.871	1.03
2.	0.667	0.768	1.52	V 0.875	1.09	11.0	2.23	5.00	0.950	0.747	0.868	0.776	0.847	1.02
3.	0.673	0.792	1.31	V 0.879	1.08	8.78	2.06	4.48	0.934	0.699	0.792	1.94	0.816	0.997
4.	0.686	1.38	1.23	V 0.883	1.06	7.65	1.90	4.16	0.917	0.723	0.791	5.09	0.797	1.10
5.	0.789	3.53	1.18	V 0.886	1.00	6.64	1.87	3.76	0.929	0.745	0.738	2.38	0.865	1.57
6.	0.705	1.74	1.14	V 0.890	0.990	5.62	1.77	3.43	0.933	1.30	0.674	1.87	0.893	1.64
7.	0.676	1.40	1.10	V 0.894	0.985	5.09	1.72	3.09	2.79	1.24	0.662	1.79	0.823	1.50
8.	0.648	1.40	1.06	V 0.898	1.01	4.60	1.58	2.78	1.69	0.924	0.650	1.65	0.795	1.30
9.	0.646	1.25	1.02	V 0.902	2.91	4.13	1.58	2.55	1.27	0.786	0.712	1.36	0.857	1.24
10.	0.641	1.12	1.11	V 0.906	7.56	4.12	1.54	2.35	1.04	0.762	0.699	1.26	0.829	1.34
11.	0.636	1.04	R 1.27	V 0.910	4.34	3.92	1.51	2.17	0.937	0.810	0.681	1.16	0.811	1.21
12.	0.648	1.00	R 1.15	V 0.914	3.14	3.60	1.44	2.02	0.881	0.940	0.665	1.11	1.37	1.93
13.	0.644	0.994	R 0.888	V 1.00	2.63	3.40	1.60	1.91	0.826	0.745	0.670	1.04	2.48	1.76
14.	0.631	0.985	R 1.01	V 0.989	2.42	5.72	1.64	1.81	0.796	0.677	0.648	1.08	3.96	1.58
15.	0.633	1.22	R 1.33	V 1.38	2.21	4.28	1.63	1.70	0.780	0.898	0.639	1.00	2.20	1.44
16.	0.702	5.78	R 2.59	V 3.23	2.03	4.90	1.57	1.65	0.756	0.809	0.636	0.966	1.75	1.37
17.	0.775	3.12	R 4.66	R 2.99	1.91	5.56	3.30	1.58	0.731	0.696	0.613	0.932	1.56	1.62
18.	0.747	2.30	R 5.24	R 2.33	1.84	4.89	2.32	1.50	0.710	0.685	0.686	0.817	1.44	1.48
19.	0.699	2.05	R 3.25	R 2.93	1.83	4.42	3.21	1.47	0.683	0.732	2.46	0.825	1.34	1.35
20.	0.686	1.88	R 1.02	R 2.36	1.87	4.19	2.40	1.55	0.668	0.829	0.860	0.816	1.31	1.29
21.	0.778	1.81	R 1.46	R 1.86	1.94	3.92	2.75	1.56	0.711	0.837	0.741	0.803	1.39	1.28
22.	0.727	1.79	R 1.16	R 1.62	1.92	3.68	2.08	1.36	0.651	1.09	0.690	0.762	1.67	1.24
23.	0.727	1.69	R 0.776	R 1.46	1.81	3.41	1.81	1.28	0.639	0.870	0.707	0.766	1.38	1.19
24.	0.737	1.85	R 0.839	R 1.36	1.82	3.18	1.68	1.21	0.630	0.734	0.711	0.987	1.37	1.16
25.	0.731	2.20	R 0.843	R 1.29	3.68	2.95	1.66	1.17	0.667	0.682	0.679	0.877	1.27	1.14
26.	0.719	1.97	V 0.847	R 1.24	14.2	2.83	2.47	1.28	0.741	0.833	0.674	0.882	1.18	1.11
27.	0.710	1.74	V 0.851	1.21	17.3	2.74	6.28	1.17	0.739	0.812	0.731	0.825	1.14	1.08
28.	0.694	1.66	V 0.855	1.16	15.4	2.78	19.2	1.22	0.724	1.01	0.743	0.818	1.10	1.05
29.	0.714	1.58	V 0.859		12.7	2.87	7.45	1.20	0.758	1.56	0.717	1.06	1.06	1.05
30.	0.685	1.49	V 0.863		11.4	2.59	7.47	1.21	0.755	1.56	0.726	1.06	1.04	1.04
31.		1.50	V 0.867		16.5		6.28		0.806	1.61		0.890		1.20
Tag	14.	1.	23.	1.	7.	30.	12.	27.	24.	14.	17.	1.	8.	3.
NQ	0.631	0.682	0.776	0.871	0.985	2.59	1.44	1.17	0.630	0.677	0.613	0.730	0.795	0.997
MQ	0.694	1.73	1.45	1.40	4.57	4.88	3.17	2.26	0.906	0.905	0.777	1.24	1.31	1.30
HQ	1.24	9.67	5.74	11.0	24.0	16.3	46.0	7.26	4.07	2.25	6.00	8.16	4.85	2.38
Tag	5.	16.	17.	17.	27.	1.	28.	1.	7.	30.	19.	4.	13.	12.
h_N mm / h_A mm	18	46	39	34	123	127	85	59	24	24	20	33	34	35

	1981/2005		1982/2006						25 Jahre					
Jahr	1991	1991	2004	1996	1996	1998	2003	2003	2003	2003	1991	1990	1991	1991
NQ	0.205	0.227	0.580	0.641	0.638	0.638	0.397	0.154	0.051	0.068	0.086	0.177	0.205	0.227
MNQ	0.827	0.963	1.27	1.39	1.41	1.31	0.815	0.696	0.526	0.455	0.484	0.557	0.775	0.940
MQ	1.54	2.01	2.68	2.42	2.85	2.13	1.22	1.12	0.880	0.718	0.877	0.958	1.47	1.95
MHQ	5.88	8.66	10.9	8.65	8.69	5.92	4.53	3.80	4.72	2.58	3.74	3.60	5.77	8.49
HQ	25.9	23.0	28.1	30.9	24.0	24.9	46.0	13.5	16.9	7.37	15.1	15.4	25.9	23.0
Jahr	1998	1986	2002	2005	2006	1988	2006	1984	1992	1994	1998	1998	1998	1986
Mh_N mm / Mh_A mm	40	54	72	59	76	55	33	29	24	19	23	26	38	52

Hauptwerte

		Abflussjahr (*) 2006 Jahr	Datum	Winter	Sommer	Kalenderjahr 2006 Jahr	Datum
NQ	m³/s	0.613	am 17.09.2006	0.631	0.613	0.613	am 17.09.2006
MQ	m³/s	2.00		2.47	1.54	2.02	
HQ	m³/s	46.0	am 28.05.2006 bei W= 292 cm	24.0	46.0	46.0	am 28.05.2006 bei W= 292 cm
Nq	l/(s km²)	6.14		6.32	6.14	6.14	
Mq	l/(s km²)	20.1		24.7	15.5	20.2	
Hq	l/(s km²)	461		240	461	461	
h_N	mm						
h_A	mm	633		393	242	633	
		1982/2006 (*) 25 Jahre				1982/2006	
NQ	m³/s	0.051	am 21.07.2003	0.205	0.051	0.051	am 21.07.2003
MNQ	m³/s	0.352		0.677	0.392	0.389	
MQ	m³/s	1.61		2.27	0.961	1.60	
MHQ	m³/s	18.9		17.5	8.88	18.5	
HQ	m³/s	46.0	am 28.05.2006 bei W= 292 cm	30.9	46.0	46.0	am 28.05.2006 bei W= 292 cm
HQ_1	m³/s	14.6		13.9	6.42	14.6	
HQ_5	m³/s						
MNq	l/(s km²)	3.53		6.78	3.93	3.90	
Mq	l/(s km²)	16.2		22.8	9.63	16.0	
MHq	l/(s km²)	189		176	89.0	186	
		1982/2006 (*) 25 Jahre				1982/2006	
Mh_N	mm						
Mh_A	mm	509		362	151	506	

Extremwerte

	Niedrigwasser m³/s	l/(s km²)	Datum	Hochwasser m³/s	l/(s km²)	cm	Datum
1	0.051	0.511	21.07.2003	46.0	461		28.05.2006
2				30.9	310		12.02.2005
3				28.1	282		28.01.2002
4				25.9	260		01.11.1998
5				25.6	256		26.01.1995
6				24.9	250		01.04.1988
7				23.9	239		06.01.1982
8				23.0	231		30.12.1986
9				22.3	223		22.05.1978
10				22.1	221		21.12.1993

Dauertabelle

Unter schreitungs dauer in Tagen	Unterschrittene Abflüsse m³/s: Abfluss-jahr (*) 2006	Kalender jahr 2006	1982/2006 25 Kalenderjahre Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte
(365)					
364	19.2	19.2	21.4	12.9	3.38
363	17.3	17.3	17.7	10.4	3.15
362	16.5	16.5	16.5	8.69	3.06
361	15.4	15.4	15.4	7.74	2.49
360	14.2	14.2	14.2	7.27	2.36
359	13.0	13.0	13.0	6.80	2.31
358	12.7	12.7	12.7	6.41	2.12
357	11.4	11.4	11.4	6.08	2.00
356	11.0	11.0	11.0	5.80	2.00
350	6.64	6.64	8.23	4.83	1.77
340	5.09	5.00	6.91	3.93	1.65
330	4.19	4.16	6.00	3.32	1.50
320	3.53	3.43	5.25	2.91	1.41
300	2.78	2.74	4.55	2.34	1.26
270	1.92	1.90	3.11	1.81	1.14
240	1.66	1.60	2.39	1.48	0.962
210	1.36	1.36	2.13	1.26	0.727
183	1.16	1.22	1.91	1.11	0.575
150	0.987	1.06	1.69	0.929	0.400
130	0.894	0.997	1.53	0.841	0.367
120	0.871	0.933	1.39	0.805	0.348
110	0.843	0.902	1.27	0.769	0.338
100	0.816	0.879	1.14	0.728	0.326
90	0.789	0.860	1.11	0.695	0.313
80	0.766	0.833	1.07	0.661	0.302
70	0.743	0.817	1.04	0.625	0.283
60	0.730	0.792	1.00	0.587	0.265
50	0.712	0.756	0.966	0.550	0.233
40	0.696	0.739	0.943	0.504	0.215
30	0.683	0.712	0.927	0.456	0.182
25	0.676	0.707	0.912	0.429	0.159
20	0.668	0.685	0.895	0.403	0.108
15	0.651	0.677	0.879	0.369	0.102
10	0.646	0.667	0.868	0.332	0.097
9	0.644	0.665	0.848	0.322	0.094
8	0.641	0.662	0.843	0.303	0.093
7	0.641	0.651	0.838	0.292	0.089
6	0.641	0.650	0.808	0.278	0.089
5	0.639	0.648	0.797	0.261	0.089
4	0.639	0.648	0.785	0.244	0.084
3	0.633	0.648	0.783	0.220	0.080
2	0.631	0.636	0.782	0.192	0.068
1	0.630	0.630	0.780	0.106	0.064
0	0.613	0.613	0.758	0.051	0.051

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

Bayer. Landesamt für Umwelt

A_{Eo} : 99.8 km²
PNP :NN + 375.32 m
Lage: 0.2 km

Q
m³/s

Pegel : Bad Berneck — Nr. 24113459
Gewässer : Ölschnitz
Gebiet : Oberer Main

Tageswerte

Tag	2004 Nov	2004 Dez	2005 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	1.02	2.55	2.75	1.88	R 2.08	2.06	1.11	0.802	1.25	0.537	0.807	1.43	0.690	0.682
2.	0.911	2.50	3.47	1.75	R 2.12	1.94	1.06	0.796	0.992	0.576	0.814	2.11	0.667	0.768
3.	0.828	2.32	2.63	1.71	R 1.91	1.87	1.15	0.776	0.704	2.13	0.811	1.53	0.673	0.792
4.	0.793	2.12	2.85	1.61	R 1.76	1.78	1.51	0.767	0.634	1.05	0.751	1.29	0.686	1.38
5.	0.829	1.96	2.71	1.49	R 1.70	1.78	1.42	0.829	0.713	0.754	0.725	1.18	0.789	3.53
6.	0.778	1.89	4.40	R 1.42	R 1.63	1.73	1.37	0.827	0.673	0.710	0.707	1.11	0.705	1.74
7.	0.782	1.80	3.35	R 1.36	R 1.56	1.84	1.78	0.844	0.763	1.15	0.699	1.14	0.676	1.40
8.	0.947	1.74	3.03	R 1.35	R 1.52	2.12	2.00	0.794	0.697	1.16	0.686	1.10	0.648	1.40
9.	0.865	1.66	2.82	1.23	R 1.51	1.85	1.71	0.771	0.632	1.03	0.669	0.985	0.646	1.25
10.	0.900	1.58	2.67	1.24	R 1.47	1.63	1.43	0.750	0.708	0.843	1.23	0.929	0.641	1.12
11.	1.07	1.49	2.47	7.48	R 1.45	1.58	1.28	0.766	0.649	0.749	3.91	0.891	0.636	1.04
12.	1.34	1.42	2.45	16.3	R 1.49	1.53	1.21	0.735	0.569	0.737	4.78	0.890	0.648	1.00
13.	1.38	1.34	2.57	14.5	1.42	1.52	1.14	0.720	0.583	0.770	4.40	0.881	0.644	0.994
14.	1.23	1.34	2.30	8.50	1.37	1.46	1.13	0.706	0.551	0.747	2.48	0.860	0.631	0.985
15.	1.04	1.28	2.12	6.65	1.40	1.43	1.42	0.703	0.561	2.92	2.04	0.924	0.633	1.22
16.	1.06	1.24	1.94	5.45	2.03	1.37	1.23	0.672	0.517	1.91	4.63	0.809	0.702	5.78
17.	1.76	1.31	1.85	4.73	4.79	1.32	1.58	0.663	0.505	1.26	3.44	0.815	0.775	3.12
18.	4.93	1.76	2.07	4.16	6.98	1.35	1.33	0.662	0.494	1.06	2.51	0.802	0.747	2.30
19.	8.21	1.40	2.28	3.83	5.01	1.46	1.18	0.646	0.836	0.947	2.21	0.817	0.699	2.05
20.	4.76	1.28	3.68	3.55	4.03	1.32	1.08	0.611	0.667	0.930	1.97	0.815	0.686	1.88
21.	3.96	1.53	9.35	3.31	3.50	1.24	1.01	0.610	0.809	0.989	1.81	0.828	0.778	1.81
22.	5.27	1.85	4.48	3.11	3.17	1.21	1.02	0.585	1.52	0.991	1.68	0.777	0.727	1.79
23.	7.34	2.31	3.84	2.87	3.14	1.20	1.23	0.577	1.02	2.10	1.58	0.790	0.727	1.69
24.	4.97	6.54	3.49	2.63	3.00	1.17	1.25	0.554	0.757	1.47	1.50	0.760	0.737	1.85
25.	4.23	4.00	3.12	2.43	2.91	1.18	1.03	0.747	0.684	1.21	1.40	0.728	0.731	2.20
26.	3.86	2.96	2.81	2.34	2.98	1.31	0.951	0.917	0.624	1.38	1.38	0.763	0.719	1.97
27.	3.67	2.48	2.57	R 2.25	2.70	1.32	0.915	0.633	0.591	1.09	1.32	0.715	0.710	1.74
28.	3.34	2.22	2.38	R 2.12	2.53	1.24	0.871	0.595	0.543	0.983	1.25	0.713	0.694	1.66
29.	3.08	2.05	2.15		2.38	1.18	0.862	0.568	0.510	0.926	1.35	0.702	0.714	1.58
30.	2.77	1.92	1.98		2.47	1.16	0.806	1.10	0.674	0.871	1.42	0.684	0.685	1.49
31.		1.90	1.94		2.24		0.823		0.576	0.808		0.661		1.50

Hauptwerte

	2004 Nov	2004 Dez	2005 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tag	6.	16.	17.	9.	14.	30.	30.	24.	18.	1.	9.	31.	14.	1.
NQ	0.778	1.24	1.85	1.23	1.37	1.16	0.806	0.554	0.494	0.537	0.669	0.661	0.631	0.682
MQ	2.60	2.06	2.98	3.98	2.52	1.50	1.22	0.724	0.709	1.12	1.83	0.949	0.694	1.73
HQ	11.8	8.40	17.7	30.9	8.89	2.25	2.71	3.29	2.50	4.42	10.7	2.72	1.24	9.67
Tag	19.	24.	21.	12.	17.	8.	7.	25.	1.	15.	12.	2.	5.	16.
h_N mm / h_A mm	67	55	80	96	68	39	33	19	19	30	48	25	18	46
	1981/2004		1982/2005 24 Jahre											
Jahr	1991	1991	2004	1996	1996	1998	2003	2003	2003	2003	1991	1990	1991	1991
NQ	0.205	0.227	0.580	0.641	0.638	0.638	0.397	0.154	0.051	0.068	0.086	0.177	0.205	0.227
MNQ	0.835	0.974	1.29	1.41	1.43	1.26	0.789	0.676	0.522	0.446	0.478	0.550	0.774	0.938
MQ	1.57	2.02	2.73	2.46	2.78	2.01	1.14	1.07	0.879	0.710	0.881	0.947	1.47	1.98
MHQ	6.08	8.62	11.1	8.55	8.06	5.48	2.81	3.66	4.75	2.59	3.64	3.41	5.81	8.74
HQ	25.9	23.0	28.1	30.9	20.1	24.9	7.63	13.5	16.9	7.37	15.1	15.4	25.9	23.0
Jahr	1998	1986	2002	2005	1988	1988	2004	1984	1992	1994	1998	1998	1998	1986
	1981/2004		1982/2005 24 Jahre											
Mh_N mm / Mh_A mm	41	54	73	60	74	52	30	28	24	19	23	25	38	53

	Abflussjahr (*) 2005 Jahr	Datum	Winter	Sommer	Kalenderjahr 2005 Jahr	Datum
NQ m³/s	0.494	am 18.07.2005	0.778	0.494	0.494	am 18.07.2005
MQ m³/s	1.84		2.59	1.09	1.65	
HQ m³/s	30.9	am 12.02.2005 bei W= 260 cm	30.9	10.7	30.9	am 12.02.2005 bei W= 260 cm
Nq l/(s km²)	4.95		7.80	4.95	4.95	
Mq l/(s km²)	18.4		26.0	10.9	16.5	
Hq l/(s km²)	310		310	107	310	
h_N mm / h_A mm	581		413	171	580	
	1982/2005 (*) 24 Jahre				1982/2005	
NQ m³/s	0.051	am 21.07.2003	0.205	0.051	0.051	am 21.07.2003
MNQ m³/s	0.341		0.679	0.383	0.379	
MQ m³/s	1.60		2.26	0.937	1.58	
MHQ m³/s	17.7		17.3	7.33	17.4	
HQ m³/s	30.9	am 12.02.2005 bei W= 260 cm	30.9	16.9	30.9	am 12.02.2005 bei W= 260 cm
HQ_1 m³/s	14.3		13.9	6.36	14.3	
HQ_5 m³/s						
MNq l/(s km²)	3.42		6.80	3.84	3.80	
Mq l/(s km²)	16.0		22.7	9.39	15.9	
MHq l/(s km²)	178		173	73.5	174	
	1982/2005 (*) 24 Jahre				1982/2005	
Mh_N mm / Mh_A mm	505		363	147	500	

Extremwerte

	Niedrigwasser m³/s	l/(s km²)	Datum	Hochwasser m³/s	l/(s km²)	cm	Datum
1	0.051	0.511	21.07.2003	30.9	310		12.02.2005
2				28.1	282		28.01.2002
3				25.9	260		01.11.1998
4				25.6	256		26.01.1995
5				24.9	250		01.04.1988
6				23.9	239		06.01.1982
7				23.0	231		30.12.1986
8				22.3	223		22.05.1978
9				22.1	221		21.12.1993
10				20.2	203		19.01.1986

Dauertabelle

Unterschreitungsdauer in Tagen	Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2005	Kalenderjahr 2005	1982/2005 24 Kalenderjahre: Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte
(365)					
364	16.3	16.3	21.4	12.0	3.38
363	14.5	14.5	17.7	9.68	3.15
362	9.35	9.35	13.6	8.52	3.06
361	8.50	8.50	13.0	7.59	2.49
360	8.21	7.48	12.4	7.16	2.36
359	7.48	6.98	12.0	6.65	2.31
358	7.34	6.65	11.4	6.26	2.12
357	6.98	5.78	10.4	6.00	2.00
356	6.65	5.45	9.97	5.71	2.00
350	4.93	4.48	8.23	4.77	1.77
340	4.16	3.53	6.91	3.89	1.65
330	3.55	3.12	6.00	3.31	1.50
320	3.12	2.81	5.25	2.90	1.41
300	2.63	2.30	4.55	2.33	1.26
270	2.11	1.88	3.11	1.80	1.14
240	1.78	1.56	2.39	1.48	0.962
210	1.49	1.38	2.13	1.26	0.727
183	1.36	1.23	1.91	1.11	0.575
150	1.18	1.02	1.69	0.921	0.400
130	1.07	0.890	1.53	0.834	0.367
120	0.992	0.828	1.39	0.796	0.348
110	0.926	0.808	1.27	0.759	0.338
100	0.881	0.778	1.14	0.719	0.326
90	0.829	0.766	1.11	0.686	0.313
80	0.808	0.747	1.07	0.649	0.302
70	0.778	0.715	1.04	0.615	0.283
60	0.757	0.704	1.00	0.579	0.265
50	0.725	0.690	0.966	0.539	0.233
40	0.703	0.672	0.943	0.497	0.215
30	0.669	0.648	0.927	0.450	0.182
25	0.649	0.634	0.912	0.424	0.159
20	0.624	0.624	0.895	0.397	0.108
15	0.585	0.585	0.879	0.366	0.102
10	0.569	0.569	0.868	0.327	0.097
9	0.568	0.568	0.848	0.314	0.094
8	0.561	0.561	0.843	0.300	0.093
7	0.554	0.554	0.838	0.287	0.089
6	0.551	0.551	0.808	0.274	0.089
5	0.543	0.543	0.797	0.259	0.089
4	0.537	0.537	0.785	0.237	0.084
3	0.517	0.517	0.783	0.219	0.080
2	0.510	0.510	0.782	0.182	0.068
1	0.505	0.505	0.780	0.102	0.064
0	0.494	0.494	0.758	0.051	0.051

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

Bayer. Landesamt für Umwelt

A_{Eo} : 99.8 km²
PNP :NN + 375.32 m
Lage: 0.2 km

Q
m³/s

Pegel : Bad Berneck — Nr. 24113459
Gewässer : Ölschnitz
Gebiet : Oberer Main

Tageswerte

Tag	2003 Nov	2003 Dez	2004 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	0.342	0.400	0.616	2.81	0.933	1.20	0.718	0.779	0.487	0.450	0.691	1.02	1.02	2.55
2.	0.324	0.383	0.580	5.03	0.944	1.14	0.771	0.723	0.523	0.436	0.590	0.990	0.911	2.50
3.	0.386	0.366	0.583	5.19	0.905	1.10	0.715	0.740	0.602	0.424	0.543	0.881	0.828	2.32
4.	0.487	0.349	R 0.586	3.50	0.893	1.05	0.754	0.688	0.541	0.417	0.513	0.793	0.793	2.12
5.	0.423	0.332	R 0.589	2.77	0.870	1.08	1.10	0.958	0.552	0.391	0.467	0.744	0.829	1.96
6.	0.377	0.348	R 0.591	2.35	0.875	1.78	1.04	0.916	0.532	0.386	0.422	0.752	0.778	1.89
7.	0.347	0.332	R 0.594	2.09	0.846	1.76	5.17	0.702	0.487	0.370	0.426	1.01	0.782	1.80
8.	0.339	0.325	R 0.597	1.94	0.801	2.33	3.49	0.653	0.466	0.370	0.414	1.10	0.947	1.74
9.	0.309	R 0.304	R 0.710	1.84	0.779	2.10	2.15	0.619	0.636	0.378	0.415	1.07	0.865	1.66
10.	0.340	R 0.357	0.769	1.73	0.775	1.59	1.80	0.619	0.570	0.369	0.406	0.840	0.900	1.58
11.	0.329	R 0.323	1.62	1.77	0.762	1.40	1.78	0.640	0.620	0.348	0.405	0.732	1.07	1.49
12.	0.340	R 0.330	3.74	1.62	0.769	1.31	1.58	0.781	0.600	0.391	0.437	0.691	1.34	1.42
13.	0.336	R 0.957	5.98	1.52	0.845	1.23	1.48	0.659	0.898	0.819	0.385	0.674	1.38	1.34
14.	0.315	3.03	4.52	1.55	1.16	1.20	1.37	0.611	0.635	0.640	0.364	0.649	1.23	1.34
15.	0.310	1.96	3.34	1.84	1.74	1.14	1.33	0.593	0.599	0.530	0.371	0.644	1.04	1.28
16.	0.302	1.07	2.65	1.87	2.30	1.10	1.28	0.616	0.776	0.460	0.387	0.720	1.06	1.24
17.	0.460	0.905	2.66	1.75	1.78	1.12	1.18	0.616	0.612	0.459	0.365	0.650	1.76	1.31
18.	0.436	0.788	2.08	1.68	1.49	1.03	1.13	0.773	0.584	0.499	0.357	0.834	4.93	1.76
19.	0.502	0.738	1.64	1.56	1.36	1.19	1.05	0.730	1.14	0.441	0.350	0.769	8.21	1.40
20.	0.488	0.779	1.60	1.40	1.72	1.06	1.00	0.673	0.694	0.502	0.331	0.667	4.76	1.28
21.	0.477	1.48	1.36	1.36	2.20	0.959	1.05	0.606	0.610	0.507	0.394	0.672	3.96	1.53
22.	0.433	1.24	1.26	1.35	1.81	0.890	0.980	0.575	0.615	0.653	0.432	0.636	5.27	1.85
23.	0.415	0.954	1.18	1.29	1.69	0.947	0.958	0.557	0.623	0.504	4.77	0.615	7.34	2.31
24.	0.386	0.977	1.14	1.18	2.07	0.869	0.938	0.539	0.836	0.510	2.69	0.609	4.97	6.54
25.	0.378	1.09	R 1.11	1.16	1.94	0.846	0.896	0.507	0.604	0.538	2.08	0.540	4.23	4.00
26.	0.370	0.727	R 1.07	1.14	1.66	0.792	0.854	0.497	0.588	0.592	1.90	0.730	3.86	2.96
27.	0.362	0.756	R 1.04	1.09	1.55	0.778	0.817	0.536	0.566	0.985	1.53	1.20	3.67	2.48
28.	0.354	0.721	R 0.994	1.04	1.47	0.765	0.788	0.562	0.518	0.590	1.42	0.843	3.34	2.22
29.	0.386	0.701	R 0.978	0.980	1.40	0.738	0.769	0.513	0.483	0.645	1.20	0.738	3.08	2.05
30.	0.366	0.671	R 0.895		1.32	0.728	0.723	0.503	0.475	1.28	1.10	1.91	2.77	1.92
31.		0.644	R 0.942		1.28		0.706		0.451	1.09		1.30		1.90

Hauptwerte

	2003 Nov	2003 Dez	2004 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tag	16.	9.	2.	29.	11.	30.	31.	26.	31.	11.	20.	25.	6.	16.
NQ	0.302	0.304	0.580	0.980	0.762	0.728	0.706	0.497	0.451	0.348	0.331	0.540	0.778	1.24
MQ	0.380	0.785	1.55	1.94	1.32	1.17	1.30	0.649	0.610	0.547	0.872	0.839	2.60	2.06
HQ	0.575	4.79	7.73	8.64	2.80	3.36	7.63	1.38	1.94	1.86	9.58	4.05	11.8	8.40
Tag	17.	14.	13.	2.	21.	8.	7.	5.	19.	29.	23.	30.	19.	24.
h_N mm / h_A mm	10	21	42	49	35	30	35	17	16	15	23	22	67	55
	1981/2003		1982/2004						23 Jahre					
Jahr	1991	1991	2004	1996	1996	1998	2003	2003	2003	2003	1991	1990	1991	1991
NQ	0.205	0.227	0.580	0.641	0.638	0.638	0.397	0.154	0.051	0.068	0.086	0.177	0.205	0.227
MNQ	0.838	0.962	1.26	1.42	1.43	1.26	0.788	0.681	0.523	0.442	0.470	0.545	0.780	0.949
MQ	1.52	2.02	2.72	2.40	2.79	2.03	1.13	1.08	0.886	0.692	0.839	0.946	1.51	1.99
MHQ	5.83	8.63	10.8	7.58	8.02	5.62	2.81	3.67	4.84	2.51	3.34	3.44	6.00	8.70
HQ	25.9	23.0	28.1	18.6	20.1	24.9	7.63	13.5	16.9	7.37	15.1	15.4	25.9	23.0
Jahr	1998	1986	2002	1997	1988	1988	2004	1984	1992	1994	1998	1998	1998	1986
	1981/2003		1982/2004						23 Jahre					
Mh_N mm / Mh_A mm	40	54	73	60	75	53	30	28	24	18	22	25	39	53

	Abflussjahr (*) 2004 Jahr	Datum	Winter	Sommer	Kalenderjahr 2004 Jahr	Datum
NQ m³/s	0.302	am 16.11.2003	0.302	0.331	0.331	am 20.09.2004
MQ m³/s	0.995		1.19	0.804	1.28	
HQ m³/s	9.58	am 23.09.2004 bei W= 203 cm	8.64	9.58	11.8	am 19.11.2004 bei W= 213 cm
Nq l/(s km²)	3.03		3.03	3.32	3.32	
Mq l/(s km²)	9.97		11.9	8.06	12.9	
Hq l/(s km²)	96.0		86.6	96.0	118	
h_N mm / h_A mm	314		190	126	315	
	1982/2004 (*) 23 Jahre				1982/2004	
NQ m³/s	0.051	am 21.07.2003	0.205	0.051	0.051	am 21.07.2003
MNQ m³/s	0.334		0.675	0.379	0.374	
MQ m³/s	1.58		2.25	0.930	1.58	
MHQ m³/s	17.2		16.7	7.19	16.8	
HQ m³/s	28.1	am 28.01.2002 bei W= 255 cm	28.1	16.9	28.1	am 28.01.2002 bei W= 255 cm
HQ_1 m³/s	14.3		13.8	6.18	14.3	
HQ_5 m³/s						
MNq l/(s km²)	3.35		6.76	3.80	3.75	
Mq l/(s km²)	15.9		22.5	9.32	15.8	
MHq l/(s km²)	172		167	72.0	168	
	1982/2004 (*) 23 Jahre				1982/2004	
Mh_N mm / Mh_A mm	501		358	146	501	

Extremwerte

	Niedrigwasser m³/s	l/(s km²)	Datum	Hochwasser m³/s	l/(s km²)	cm	Datum
1	0.051	0.511	21.07.2003	28.1	282		28.01.2002
2				25.9	260		01.11.1998
3				25.6	256		26.01.1995
4				24.9	250		01.04.1988
5				23.9	239		06.01.1982
6				23.0	231		30.12.1986
7				22.3	223		22.05.1978
8				22.1	221		21.12.1993
9				20.2	203		19.01.1986
10				20.1	201		26.03.1988

Dauertabelle

Unterschreitungsdauer in Tagen	Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2004	Kalenderjahr 2004	1982/2004 23 Kalenderjahre: Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte
(365)	5.98	8.21			
364	5.19	7.34	21.4	12.0	3.38
363	5.17	6.54	17.7	9.68	3.15
362	5.03	5.98	13.6	8.48	3.06
361	4.77	5.27	13.0	7.59	2.49
360	4.52	5.19	12.4	7.16	2.36
359	3.74	5.17	12.0	6.64	2.31
358	3.50	5.03	11.4	6.26	2.12
357	3.49	4.97	10.4	6.01	2.00
356	3.34	4.93	9.97	5.72	2.00
350	2.65	3.96	8.23	4.78	1.77
340	2.07	2.81	6.91	3.91	1.65
330	1.80	2.33	6.00	3.31	1.50
320	1.69	2.08	5.25	2.90	1.41
300	1.40	1.78	4.55	2.33	1.26
270	1.14	1.48	3.11	1.80	1.14
240	0.990	1.23	2.39	1.47	0.962
210	0.854	1.07	2.13	1.25	0.727
183	0.762	0.942	1.91	1.10	0.575
150	0.659	0.788	1.69	0.917	0.400
130	0.616	0.740	1.53	0.833	0.367
120	0.599	0.718	1.39	0.794	0.348
110	0.586	0.673	1.27	0.756	0.338
100	0.543	0.644	1.14	0.715	0.326
90	0.518	0.619	1.11	0.679	0.313
80	0.497	0.602	1.07	0.642	0.302
70	0.466	0.589	1.04	0.607	0.283
60	0.432	0.557	1.00	0.570	0.265
50	0.405	0.523	0.966	0.532	0.233
40	0.385	0.499	0.943	0.488	0.215
30	0.369	0.451	0.927	0.443	0.182
25	0.362	0.432	0.912	0.420	0.159
20	0.349	0.415	0.895	0.390	0.108
15	0.342	0.394	0.879	0.361	0.102
10	0.331	0.378	0.868	0.324	0.097
9	0.330	0.371	0.848	0.309	0.094
8	0.329	0.371	0.843	0.298	0.093
7	0.325	0.371	0.838	0.283	0.089
6	0.324	0.369	0.808	0.269	0.089
5	0.323	0.365	0.797	0.253	0.089
4	0.315	0.364	0.785	0.234	0.084
3	0.310	0.357	0.783	0.212	0.080
2	0.309	0.350	0.782	0.182	0.068
1	0.304	0.348	0.780	0.102	0.064
0	0.302	0.331	0.758	0.051	0.051

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

Bayer. Landesamt für Umwelt

A_{Eo} : 99.8 km²
PNP :NN + 375.32 m
Lage: 0.2 km

Q
m³/s

Pegel : Bad Berneck — Nr. 24113459
Gewässer : Ölschnitz
Gebiet : Oberer Main

Tageswerte

Tag	2002 Nov	2002 Dez	2003 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	2.06	6.30	6.24	2.27	1.32	1.33	0.759	0.378	b 0.820	b 0.088	0.267	0.229	0.342	0.400
2.	4.61	5.53	10.3	2.11	2.21	1.78	0.741	0.368	b 0.692	b 0.088	0.258	0.227	0.324	0.383
3.	4.27	4.88	10.3	2.34	3.38	1.59	0.694	0.357	b 0.943	b 0.094	0.267	0.259	0.386	0.366
4.	4.60	4.44	7.99	2.41	3.97	1.40	0.726	0.346	b 1.27	b 0.098	0.217	0.424	0.487	0.349
5.	3.64	4.16	6.60	2.18	3.56	1.34	0.781	0.335	b 1.08	b 0.099	0.215	0.367	0.423	0.332
6.	2.95	3.63	5.92	1.93	3.40	1.29	0.801	0.324	b 0.748	b 0.101	0.211	0.358	0.377	0.348
7.	2.59	3.03	5.26	1.73	3.14	1.19	0.799	0.313	b 0.717	b 0.102	0.235	0.476	0.347	0.332
8.	2.72	2.68	4.44	1.74	3.23	1.20	0.717	0.301	b 0.664	b 0.104	0.234	0.691	0.339	0.325
9.	7.29	2.36	3.88	1.67	3.53	1.15	1.05	0.299	b 0.575	b 0.106	0.243	1.16	0.309	R 0.304
10.	5.08	2.22	3.64	e 1.73	3.72	1.19	0.853	0.286	b 0.486	b 0.107	0.247	0.632	0.340	R 0.357
11.	6.51	2.06	3.16	e 1.76	3.48	1.21	0.696	0.266	b 0.405	b 0.106	0.713	0.590	0.329	R 0.323
12.	4.86	1.81	2.94	e 1.79	3.65	1.16	0.712	0.397	b 0.442	b 0.101	0.864	0.490	0.340	R 0.330
13.	4.06	1.76	2.96	R 1.74	3.23	1.12	0.647	0.974	b 0.386	b 0.097	0.404	0.403	0.336	R 0.957
14.	3.58	1.72	2.95	R 1.69	2.86	1.10	0.643	0.305	b 0.279	b 0.093	0.301	0.413	0.315	3.03
15.	3.27	1.69	2.93	R 1.64	2.63	1.06	0.622	0.223	b 0.189	b 0.089	0.325	0.407	0.310	1.96
16.	3.12	1.72	2.69	R 1.59	2.40	1.02	0.580	0.202	b 0.138	b 0.084	0.333	0.358	0.302	1.07
17.	2.69	2.12	2.45	R 1.54	2.23	0.988	0.526	0.154	b 0.184	b 0.080	0.308	0.357	0.460	0.905
18.	2.42	1.63	2.21	R 1.50	2.12	0.976	0.700	0.211	b 0.373	b 0.068	0.287	0.310	0.436	0.788
19.	4.42	1.54	2.08	R 1.45	2.08	1.02	1.18	0.216	b 0.195	b 0.266	0.274	0.338	0.502	0.738
20.	3.60	1.45	2.33	R 1.41	2.06	0.935	1.23	b 0.208	b 0.064	0.244	0.265	0.346	0.488	0.779
21.	2.83	1.48	2.21	R 1.36	1.88	1.01	0.893	b 0.279	b 0.051	0.202	0.232	0.366	0.477	1.48
22.	2.93	4.00	2.05	R 1.32	1.80	0.951	0.711	b 0.356	b 0.233	0.179	0.276	0.379	0.433	1.24
23.	4.83	7.22	2.58	R 1.28	1.72	0.893	0.584	b 0.444	b 0.159	0.171	0.302	0.326	0.415	0.954
24.	3.11	2.70	2.85	R 1.23	1.64	0.855	0.538	b 0.486	b 0.108	0.157	0.304	0.325	0.386	0.977
25.	2.96	2.14	2.14	R 1.19	1.59	0.906	0.443	b 0.518	b 0.396	0.156	0.289	0.345	0.378	1.09
26.	2.88	2.13	1.91	R 1.15	1.54	0.893	0.741	b 0.437	b 0.200	0.169	0.283	0.367	0.370	0.727
27.	2.65	2.28	2.72	R 1.10	1.52	0.935	0.578	b 0.301	b 0.296	0.177	0.273	0.333	0.362	0.756
28.	2.39	2.25	6.06	R 1.12	1.42	0.896	0.472	b 0.209	b 0.725	0.182	0.285	0.331	0.354	0.721
29.	3.22	2.42	3.34		1.38	0.833	0.479	b 0.192	b 0.962	0.249	0.385	0.340	0.386	0.701
30.	8.69	9.06	2.86		1.37	0.787	0.447	b 0.220	b 0.680	0.274	0.291	0.412	0.366	0.671
31.		7.00	2.53		1.45		0.397		b 0.292	0.247		0.378		0.644

Hauptwerte

Tag	1.	20.	26.	27.	1.	30.	31.	17.	21.	18.	6.	2.	16.	9.
NQ	2.06	1.45	1.91	1.10	1.32	0.787	0.397	0.154	0.051	0.068	0.211	0.227	0.302	0.304
MQ	3.83	3.21	3.96	1.64	2.44	1.10	0.701	0.330	0.475	0.141	0.312	0.410	0.380	0.785
HQ	12.3	14.6	13.9	2.54	4.55	1.98	1.70	2.93	2.47	0.565	2.56	1.88	0.575	4.79
Tag	9.	22.	3.	4.	10.	2.	19.	12.	4.	19.	11.	8.	17.	14.
h_N mm / h_A mm	99	86	106	40	65	28	19	8	13	4	8	11	10	21
	1981/2002		1982/2003 22 Jahre											
Jahr	1991	1991	1984	1996	1996	1998	2003	2003	2003	2003	1991	1990	1991	1991
NQ	0.205	0.227	0.758	0.641	0.638	0.638	0.397	0.154	0.051	0.068	0.086	0.177	0.205	0.227
MNQ	0.862	0.992	1.30	1.44	1.46	1.28	0.792	0.690	0.527	0.446	0.476	0.546	0.781	0.935
MQ	1.58	2.08	2.77	2.41	2.86	2.07	1.12	1.10	0.899	0.699	0.838	0.951	1.46	1.99
MHQ	6.06	8.80	11.0	7.53	8.26	5.73	2.59	3.78	4.98	2.54	3.05	3.42	5.74	8.72
HQ	25.9	23.0	28.1	18.6	20.1	24.9	5.58	13.5	16.9	7.37	15.1	15.4	25.9	23.0
Jahr	1998	1986	2002	1997	1988	1988	1984	1984	1992	1994	1998	1998	1998	1986
	1981/2002		1982/2003 22 Jahre											
Mh_N mm / Mh_A mm	41	56	74	58	77	54	30	29	24	19	22	26	38	53

		Abflussjahr (*) 2003 Jahr	Datum	Winter	Sommer	Kalenderjahr 2003 Jahr	Datum
NQ	m³/s	0.051	am 21.07.2003	0.787	0.051	0.051	am 21.07.2003
MQ	m³/s	1.55		2.72	0.396	1.06	
HQ	m³/s	14.6	am 22.12.2002 bei W= 218 cm	14.6	2.93	13.9	am 03.01.2003 bei W= 217 cm
Nq	l/(s km²)	0.511		7.89	0.511	0.511	
Mq	l/(s km²)	15.5		27.2	3.97	10.6	
Hq	l/(s km²)	146		146	29.4	139	
h_N mm / h_A mm		488		432	62	488	
		1982/2003 (*) 22 Jahre				1982/2003	
NQ	m³/s	0.051	am 21.07.2003	0.205	0.051	0.051	am 21.07.2003
MNQ	m³/s	0.336		0.692	0.381	0.376	
MQ	m³/s	1.61		2.30	0.936	1.59	
MHQ	m³/s	17.5		17.0	7.08	17.0	
HQ	m³/s	28.1	am 28.01.2002 bei W= 255 cm	28.1	16.9	28.1	am 28.01.2002 bei W= 255 cm
HQ_1	m³/s	14.3		13.9	6.17	14.3	
HQ_5	m³/s						
MNq	l/(s km²)	3.37		6.93	3.82	3.77	
Mq	l/(s km²)	16.2		23.0	9.38	16.0	
MHq	l/(s km²)	175		171	70.9	170	
		1982/2003 (*) 22 Jahre				1982/2003	
Mh_N mm / Mh_A mm		509		366	147	504	

Extremwerte

	Niedrigwasser m³/s	l/(s km²)	Datum	Hochwasser m³/s	l/(s km²)	cm	Datum
1	0.051	0.511	21.07.2003	28.1	282		28.01.2002
2				25.9	260		01.11.1998
3				25.6	256		26.01.1995
4				24.9	250		01.04.1988
5				23.9	239		06.01.1982
6				23.0	231		30.12.1986
7				22.3	223		22.05.1978
8				22.1	221		21.12.1993
9				20.2	203		19.01.1986
10				20.1	201		26.03.1988

Dauertabelle

Unterschreitungsdauer in Tagen	Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2003	Kalenderjahr 2003	1982/2003 22 Kalenderjahre: Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte
(365)					
364	10.3	10.3	21.4	12.0	3.38
363	10.3	10.3	17.7	9.92	3.15
362	9.06	7.99	13.6	8.53	3.06
361	8.69	6.60	13.0	7.66	2.49
360	7.99	6.24	12.4	7.22	2.36
359	7.29	6.06	12.0	6.73	2.31
358	7.22	5.92	11.4	6.32	2.12
357	7.00	5.26	10.4	6.06	2.00
356	6.60	4.44	9.97	5.78	2.00
350	5.53	3.56	8.23	4.83	1.77
340	4.42	3.03	6.91	3.95	1.65
330	3.64	2.63	6.00	3.34	1.50
320	3.27	2.21	5.25	2.93	1.41
300	2.83	1.74	4.55	2.37	1.26
270	2.18	1.27	3.11	1.82	1.14
240	1.67	0.962	2.39	1.48	0.962
210	1.23	0.727	2.13	1.26	0.727
183	0.943	0.575	1.91	1.11	0.575
150	0.664	0.400	1.69	0.925	0.400
130	0.444	0.367	1.53	0.837	0.367
120	0.403	0.348	1.39	0.799	0.348
110	0.368	0.338	1.27	0.760	0.338
100	0.356	0.326	1.14	0.718	0.326
90	0.326	0.313	1.11	0.683	0.313
80	0.302	0.302	1.07	0.645	0.302
70	0.283	0.283	1.04	0.609	0.283
60	0.265	0.265	1.00	0.571	0.265
50	0.233	0.233	0.966	0.532	0.233
40	0.215	0.215	0.943	0.488	0.215
30	0.182	0.182	0.927	0.443	0.182
25	0.159	0.159	0.912	0.419	0.159
20	0.108	0.108	0.895	0.389	0.108
15	0.102	0.102	0.879	0.359	0.102
10	0.097	0.097	0.868	0.318	0.097
9	0.094	0.094	0.848	0.303	0.094
8	0.093	0.093	0.843	0.292	0.093
7	0.089	0.089	0.838	0.280	0.089
6	0.089	0.089	0.808	0.267	0.089
5	0.089	0.089	0.797	0.251	0.089
4	0.084	0.084	0.785	0.231	0.084
3	0.080	0.080	0.783	0.209	0.080
2	0.068	0.068	0.782	0.179	0.068
1	0.064	0.064	0.780	0.102	0.064
0	0.051	0.051	0.758	0.051	0.051

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

Bayer. Landesamt für Umwelt

A_{Eo} : 99.9 km²
PNP :NN + 375.32 m
Lage: 0.2 km

Q
m³/s

Pegel : Bad Berneck — Nr. 24113459
Gewässer : Ölschnitz
Gebiet : Oberer Main

Tageswerte

Tag	2001 Nov	2001 Dez	2002 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	0.841	4.20	R 1.33	6.56	7.82	3.23	0.829	0.469	0.327	0.447	0.643	0.568	2.06	6.30
2.	0.798	3.89	R 1.31	5.57	6.51	3.04	0.789	0.469	0.409	0.441	0.569	0.625	4.61	5.53
3.	0.803	V 3.38	R 1.30	4.81	5.70	2.88	0.786	0.437	0.415	0.419	0.537	0.630	4.27	4.88
4.	0.797	V 3.11	D 1.28	4.64	5.25	2.75	0.834	0.424	0.397	0.425	0.534	0.626	4.60	4.44
5.	0.805	V 3.28	D 1.26	4.27	4.90	2.68	0.861	0.416	0.387	0.478	0.548	0.617	3.64	4.16
6.	0.912	5.19	D 1.24	4.32	4.54	2.16	0.814	0.681	0.351	0.559	0.530	1.51	2.95	3.63
7.	1.46	3.88	D 1.22	3.70	4.88	1.67	0.792	1.26	0.353	1.19	0.509	1.21	2.59	3.03
8.	5.86	3.12	D 1.20	3.36	4.55	1.43	0.770	1.64	0.367	1.09	0.473	0.914	2.72	2.68
9.	3.27	2.82	V 1.18	3.71	3.91	1.35	0.749	0.811	0.336	0.751	0.434	0.847	7.29	2.36
10.	2.04	2.59	V 1.16	6.30	3.41	1.29	0.734	0.691	0.385	0.624	0.808	0.774	5.08	2.22
11.	1.74	2.45	V 1.14	5.08	3.22	1.23	0.705	0.661	0.368	0.601	0.929	0.809	6.51	2.06
12.	1.67	2.31	D 1.12	6.05	3.03	1.16	0.685	0.596	0.336	2.10	0.619	0.808	4.86	1.81
13.	1.72	2.18	R 1.06	10.4	2.84	1.13	0.667	0.597	0.340	1.49	0.623	0.767	4.06	1.76
14.	1.55	1.99	R 1.03	7.66	2.64	1.20	0.640	0.575	0.561	0.891	0.626	0.699	3.58	1.72
15.	1.42	R 1.78	R 1.00	6.26	2.45	1.17	0.613	0.896	0.434	0.737	0.589	0.675	3.27	1.69
16.	1.29	R 1.66	R 0.960	5.50	2.26	1.13	0.586	0.796	0.552	0.691	0.566	0.799	3.12	1.72
17.	1.25	R 1.62	R 0.916	5.08	2.09	1.11	0.559	0.668	0.552	0.698	0.561	0.961	2.69	2.12
18.	1.22	R 1.56	R 0.874	4.75	2.03	1.04	0.560	0.635	0.609	0.702	0.556	1.05	2.42	1.63
19.	1.23	R 1.53	R 0.870	4.55	3.41	0.994	0.862	0.612	0.518	0.646	0.551	1.14	4.42	1.54
20.	1.20	R 1.56	1.22	7.03	4.28	0.936	0.688	0.628	0.438	0.588	0.552	1.19	3.60	1.45
21.	1.19	R 1.45	7.02	7.12	8.05	0.858	0.616	0.591	0.398	0.533	0.533	1.16	2.83	1.48
22.	2.32	R 1.43	6.43	4.93	8.08	0.822	0.571	0.562	0.414	0.634	0.531	1.91	2.93	4.00
23.	2.45	R 1.42	5.98	5.54	6.91	0.825	0.523	0.522	0.434	0.632	0.537	1.47	4.83	7.22
24.	1.85	R 1.40	8.73	5.10	6.20	0.820	0.590	0.549	0.478	0.558	0.520	1.23	3.11	2.70
25.	1.80	V 1.38	12.4	5.20	6.00	0.828	0.502	0.507	0.468	0.565	0.914	1.30	2.96	2.14
26.	3.22	R 1.37	11.9	12.9	5.58	0.863	0.574	0.484	0.447	0.568	0.779	5.78	2.88	2.13
27.	4.63	R 1.29	17.7	11.4	5.03	1.08	0.563	0.461	0.424	1.14	0.836	5.98	2.65	2.28
28.	4.49	R 1.51	21.4	8.64	4.62	1.06	0.621	0.372	0.402	1.03	0.714	4.50	2.39	2.25
29.	4.36	R 1.76	13.2		4.31	0.999	0.563	0.319	0.403	0.643	0.652	2.98	3.22	2.42
30.	5.48	R 1.50	9.66		3.84	0.885	0.502	0.327	0.369	0.592	0.587	2.68	8.69	9.06
31.		R 1.38	7.96		3.50		0.449		0.425	0.633		2.33		7.00
Tag	4.	27.	19.	8.	18.	24.	31.	29.	1.	3.	9.	1.	1.	20.
NQ	0.797	1.29	0.870	3.36	2.03	0.820	0.449	0.319	0.327	0.419	0.434	0.568	2.06	1.45
MQ	2.12	2.26	4.68	6.08	4.58	1.42	0.664	0.621	0.422	0.744	0.612	1.57	3.83	3.21
HQ	9.51	6.24	28.1	16.6	11.1	3.28	1.15	3.80	1.56	3.92	1.90	9.79	12.3	14.6
Tag	8.	6.	28.	26.	21.	1.	19.	7.	16.	27.	10.	27.	9.	22.
h_N mm / h_A mm	55	60	125	147	123	37	18	16	11	20	16	42	99	86
	1981/2001		1982/2002						21 Jahre					
Jahr	1991	1991	1984	1996	1996	1998	2002	2002	1991	1991	1991	1990	1991	1991
NQ	0.205	0.227	0.758	0.641	0.638	0.638	0.449	0.319	0.100	0.069	0.086	0.177	0.205	0.227
MNQ	0.805	0.970	1.27	1.46	1.47	1.31	0.811	0.715	0.549	0.464	0.489	0.561	0.803	0.965
MQ	1.47	2.02	2.72	2.45	2.88	2.12	1.14	1.14	0.919	0.725	0.863	0.977	1.51	2.04
MHQ	5.77	8.53	10.8	7.77	8.43	5.91	2.64	3.82	5.10	2.63	3.08	3.49	5.99	8.90
HQ	25.9	23.0	28.1	18.6	20.1	24.9	5.58	13.5	16.9	7.37	15.1	15.4	25.9	23.0
Jahr	1998	1986	2002	1997	1988	1988	1984	1984	1992	1994	1998	1998	1998	1986
	1981/2001		1982/2002						21 Jahre					
Mh_N mm / Mh_A mm	38	54	73	59	77	55	31	30	25	19	22	26	39	55

Hauptwerte

	Abflussjahr (*) 2002 Jahr	Datum	Winter	Sommer	Kalenderjahr 2002 Jahr	Datum
NQ m³/s	0.319	am 29.06.2002	0.797	0.319	0.319	am 29.06.2002
MQ m³/s	2.13		3.50	0.774	2.35	
HQ m³/s	28.1	am 28.01.2002 bei W= 255 cm	28.1	9.79	28.1	am 28.01.2002 bei W= 255 cm
Nq l/(s km²)	3.19		7.98	3.19	3.19	
Mq l/(s km²)	21.3		35.0	7.75	23.5	
Hq l/(s km²)	281		281	98.0	281	
h_N mm / h_A mm	671		557	121	671	
	1982/2002 (*) 21 Jahre				1982/2002	
NQ m³/s	0.069	am 01.08.1991	0.205	0.069	0.069	am 01.08.1991
MNQ m³/s	0.349		0.687	0.396	0.392	
MQ m³/s	1.62		2.28	0.961	1.62	
MHQ m³/s	17.6		17.1	7.28	17.2	
HQ m³/s	28.1	am 28.01.2002 bei W= 255 cm	28.1	16.9	28.1	am 28.01.2002 bei W= 255 cm
HQ_1 m³/s	14.3		13.8	6.18	14.6	
HQ_5 m³/s						
MNq l/(s km²)	3.49		6.88	3.96	3.92	
Mq l/(s km²)	16.2		22.8	9.62	16.2	
MHq l/(s km²)	176		172	72.8	172	
	1982/2002 (*) 21 Jahre				1982/2002	
Mh_N mm / Mh_A mm	510		362	150	511	

Extremwerte

	Niedrigwasser m³/s	l/(s km²)	Datum	Hochwasser m³/s	l/(s km²)	cm	Datum
1	0.069	0.691	01.08.1991	28.1	281		28.01.2002
2				25.9	260		01.11.1998
3				25.6	256		26.01.1995
4				24.9	250		01.04.1988
5				23.9	239		06.01.1982
6				23.0	230		30.12.1986
7				22.3	223		22.05.1978
8				22.1	221		21.12.1993
9				20.2	203		19.01.1986
10				20.1	201		26.03.1988

Dauertabelle

Unterschreitungsdauer in Tagen	Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2002	Kalenderjahr 2002	1982/2002 21 Kalenderjahre Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte
(365)					
364	21.4	21.4	21.4	12.3	3.38
363	17.7	17.7	17.7	9.92	3.15
362	13.2	13.2	13.6	8.63	3.06
361	12.9	12.9	13.0	7.70	2.49
360	12.4	12.4	12.4	7.22	2.36
359	11.9	11.9	12.0	6.80	2.31
358	11.4	11.4	11.4	6.41	2.12
357	10.4	10.4	10.4	6.08	2.00
356	9.66	9.66	9.97	5.81	2.00
350	7.82	8.05	8.23	4.86	1.77
340	6.26	6.91	6.91	4.01	1.65
330	5.57	6.00	6.00	3.38	1.50
320	5.03	5.25	5.25	2.96	1.41
300	3.91	4.55	4.55	2.40	1.26
270	2.45	3.11	3.11	1.84	1.14
240	1.51	2.25	2.39	1.51	0.984
210	1.22	1.30	2.13	1.28	0.778
183	1.04	1.11	1.91	1.13	0.702
150	0.811	0.825	1.69	0.943	0.538
130	0.734	0.734	1.53	0.854	0.454
120	0.681	0.681	1.39	0.817	0.430
110	0.635	0.635	1.27	0.781	0.394
100	0.623	0.623	1.14	0.740	0.365
90	0.596	0.596	1.11	0.699	0.341
80	0.571	0.571	1.07	0.665	0.335
70	0.562	0.562	1.04	0.628	0.314
60	0.549	0.549	1.00	0.592	0.291
50	0.522	0.522	0.966	0.558	0.279
40	0.473	0.473	0.943	0.517	0.266
30	0.437	0.437	0.927	0.474	0.254
25	0.434	0.434	0.912	0.450	0.250
20	0.415	0.415	0.895	0.425	0.243
15	0.398	0.398	0.879	0.398	0.223
10	0.369	0.369	0.868	0.361	0.177
9	0.368	0.368	0.848	0.351	0.169
8	0.367	0.367	0.843	0.340	0.146
7	0.353	0.353	0.838	0.332	0.142
6	0.351	0.351	0.808	0.318	0.104
5	0.340	0.340	0.797	0.298	0.099
4	0.340	0.340	0.785	0.279	0.094
3	0.340	0.340	0.783	0.261	0.093
2	0.336	0.336	0.782	0.237	0.092
1	0.336	0.336	0.780	0.195	0.080
0	0.319	0.319	0.758	0.069	0.069

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

Bayer. Landesamt für Wasserwirtschaft

A_{Eo} : 99.9 km²
PNP :NN + 375.32 m
Lage: 0.2 km

Q
m³/s

Pegel : Bad Berneck — Nr. 24113459
Gewässer : Ölschnitz
Gebiet : Oberer Main

Tageswerte

Tag	2000 Nov	2000 Dez	2001 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	0.863	0.768	0.909	1.22	1.16	3.40	1.97	0.869	0.635	0.525	0.549	0.840	0.841	4.20
2.	0.753	0.758	1.17	1.25	1.15	3.16	1.83	0.980	0.587	0.532	0.513	1.00	0.798	3.89
3.	0.714	0.748	1.26	1.24	1.18	2.89	1.78	1.17	0.585	0.534	0.514	0.879	0.803	V 3.38
4.	0.766	0.739	1.25	2.13	1.43	2.76	1.79	1.24	0.519	0.560	0.624	1.41	0.797	V 3.11
5.	0.707	0.907	1.62	7.27	1.88	2.67	1.75	0.983	0.524	0.592	0.626	1.10	0.805	V 3.28
6.	0.709	0.848	3.93	5.25	1.56	2.75	1.69	0.960	0.533	0.566	0.533	1.01	0.912	5.19
7.	0.691	0.785	3.09	3.60	1.46	3.10	1.56	0.903	1.45	0.500	0.514	0.970	1.46	3.88
8.	0.664	0.746	2.05	2.94	1.82	2.74	1.49	0.897	2.69	0.469	0.869	0.901	5.86	3.12
9.	0.647	0.725	1.78	2.47	3.05	2.50	1.43	0.901	0.961	0.463	0.619	0.971	3.27	2.82
10.	0.599	0.739	1.64	2.23	2.07	2.64	1.37	0.987	0.776	0.462	0.909	0.843	2.04	2.59
11.	0.643	1.06	1.80	1.96	3.20	2.75	1.27	1.42	0.684	0.484	0.817	0.794	1.74	2.45
12.	0.575	1.44	1.47	1.90	5.11	2.31	1.22	1.14	0.645	0.454	0.875	0.782	1.67	2.31
13.	0.542	1.15	1.38	1.99	6.16	2.15	1.18	0.955	0.667	0.447	1.20	0.798	1.72	2.18
14.	0.626	1.65	1.31	1.79	4.52	2.10	1.20	0.903	0.594	0.450	1.73	0.740	1.55	1.99
15.	1.00	3.68	R 1.19	1.71	4.85	2.13	1.24	0.839	0.912	0.421	1.04	0.737	1.42	R 1.78
16.	0.807	2.34	R 1.11	1.64	4.02	4.40	1.20	0.940	4.77	0.427	1.64	0.732	1.29	R 1.66
17.	0.936	1.69	R 1.09	1.55	4.34	3.76	1.34	0.928	1.42	0.418	1.39	0.691	1.25	R 1.62
18.	0.974	1.48	R 1.07	1.48	4.66	3.33	1.21	1.26	0.944	0.408	1.14	0.690	1.22	R 1.56
19.	0.834	1.38	R 1.05	1.46	5.25	3.26	1.23	1.30	0.817	0.385	0.949	0.692	1.23	R 1.53
20.	0.813	1.30	R 1.01	1.50	4.12	2.74	1.14	0.965	0.772	0.411	1.34	0.718	1.20	R 1.56
21.	0.791	1.19	R 0.999	1.48	3.76	2.98	1.10	0.855	0.743	0.438	1.94	0.730	1.19	R 1.45
22.	0.775	G 1.11	R 1.01	1.52	6.49	2.93	1.04	0.850	0.647	0.406	1.52	0.838	2.32	R 1.43
23.	0.734	G 1.07	R 1.07	1.51	7.10	2.47	1.03	0.827	0.599	0.416	1.20	0.774	2.45	R 1.42
24.	0.732	G 1.04	2.92	1.36	6.22	2.24	0.994	0.743	0.601	0.414	1.10	0.791	1.85	R 1.40
25.	0.739	R 1.00	2.98	1.33	7.17	2.15	0.973	0.735	0.605	0.382	1.05	0.805	1.80	V 1.38
26.	0.751	R 0.971	1.86	1.28	7.12	2.17	0.953	0.673	0.594	0.377	0.976	0.798	3.22	R 1.37
27.	0.915	R 0.920	1.64	1.25	5.74	2.16	0.943	0.656	0.590	0.389	0.915	0.755	4.63	R 1.29
28.	0.870	R 0.861	1.53	1.19	5.09	2.25	0.906	0.705	0.577	0.379	0.892	0.891	4.49	R 1.51
29.	0.849	R 0.844	1.46		4.65	2.60	0.905	0.717	0.566	0.385	0.906	0.979	4.36	R 1.76
30.	0.798	R 0.843	1.36		4.59	2.30	0.848	0.653	0.557	0.358	0.853	0.821	5.48	R 1.50
31.		R 0.856	1.26		4.11		0.839		0.532	0.338		0.809		R 1.38

Hauptwerte

	2000 Nov	2000 Dez	2001 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tag	13.	9.	1.	28.	2.	14.	31.	30.	4.	31.	2.	18.	4.	27.
NQ	0.542	0.725	0.909	1.19	1.15	2.10	0.839	0.653	0.519	0.338	0.513	0.690	0.797	1.29
MQ	0.760	1.15	1.59	2.05	4.03	2.73	1.27	0.931	0.906	0.444	0.991	0.848	2.12	2.26
HQ	1.14	6.12	6.25	9.12	10.2	5.50	2.01	1.90	6.91	0.764	2.42	1.98	9.51	6.24
Tag	15.	15.	24.	5.	22.	16.	1.	18.	16.	5.	16.	4.	8.	6.
h_N mm / h_A mm	20	31	43	50	108	71	34	24	24	12	26	23	55	60
	1981/2000		1982/2001						20 Jahre					
Jahr	1991	1991	1984	1996	1996	1998	1998	1991	1991	1991	1991	1990	1991	1991
NQ	0.205	0.227	0.758	0.641	0.638	0.638	0.501	0.422	0.100	0.069	0.086	0.177	0.205	0.227
MNQ	0.805	0.954	1.29	1.36	1.44	1.33	0.829	0.735	0.560	0.466	0.492	0.560	0.741	0.941
MQ	1.44	2.01	2.62	2.27	2.79	2.15	1.17	1.17	0.944	0.724	0.876	0.948	1.39	1.98
MHQ	5.58	8.64	9.95	7.33	8.30	6.04	2.71	3.82	5.27	2.57	3.13	3.17	5.67	8.62
HQ	25.9	23.0	25.6	18.6	20.1	24.9	5.58	13.5	16.9	7.37	15.1	15.4	25.9	23.0
Jahr	1998	1986	1995	1997	1988	1988	1984	1984	1992	1994	1998	1998	1998	1986
	1981/2000		1982/2001						20 Jahre					
Mh_N mm / Mh_A mm	37	54	70	55	75	56	31	30	25	19	23	25	36	53

	Abflussjahr (*) 2001 Jahr	Datum	Winter	Sommer	Kalenderjahr 2001 Jahr	Datum
NQ m³/s	0.338	am 31.08.2001	0.542	0.338	0.338	am 31.08.2001
MQ m³/s	1.47		2.06	0.898	1.68	
HQ m³/s	10.2	am 22.03.2001 bei W= 205 cm	10.2	6.91	10.2	am 22.03.2001 bei W= 205 cm
Nq l/(s km²)	3.38		5.42	3.38	3.38	
Mq l/(s km²)	14.7		20.6	8.99	16.8	
Hq l/(s km²)	102		102	69.2	102	
h_N mm / h_A mm	466		327	140	465	
	1982/2001 (*) 20 Jahre				1982/2001	
NQ m³/s	0.069	am 01.08.1991	0.205	0.069	0.069	am 01.08.1991
MNQ m³/s	0.351		0.682	0.400	0.395	
MQ m³/s	1.59		2.22	0.971	1.58	
MHQ m³/s	17.1		16.6	7.15	16.6	
HQ m³/s	25.9	am 01.11.1998 bei W= 251 cm	25.9	16.9	25.9	am 01.11.1998 bei W= 251 cm
HQ_1 m³/s	14.3		13.1	6.17	14.3	
HQ_5 m³/s						
MNq l/(s km²)	3.51		6.83	4.00	3.95	
Mq l/(s km²)	15.9		22.2	9.72	15.8	
MHq l/(s km²)	171		166	71.6	166	
	1982/2001 (*) 20 Jahre				1982/2001	
Mh_N mm / Mh_A mm	503		355	152	500	

Extremwerte

	Niedrigwasser m³/s	l/(s km²)	Datum	Hochwasser m³/s	l/(s km²)	cm	Datum
1	0.069	0.691	01.08.1991	25.9	260		01.11.1998
2				25.6	256		26.01.1995
3				24.9	250		01.04.1988
4				23.9	239		06.01.1982
5				23.0	230		30.12.1986
6				22.3	223		22.05.1978
7				22.1	221		21.12.1993
8				20.2	203		19.01.1986
9				20.1	201		26.03.1988
10				19.3	193		10.03.1981

Dauertabelle

Unterschreitungsdauer in Tagen	Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2001	Kalenderjahr 2001	1982/2001 20 Kalenderjahre: Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte
(365)					
364	7.27	7.27	18.6	11.5	3.38
363	7.17	7.17	16.2	9.46	3.15
362	7.12	7.12	13.6	8.23	3.06
361	7.10	7.10	13.0	7.34	2.49
360	6.49	6.49	12.4	6.86	2.36
359	6.22	6.22	12.0	6.32	2.31
358	6.16	6.16	10.3	6.01	2.12
357	5.74	5.86	10.0	5.71	2.00
356	5.74	5.74	9.97	5.47	2.00
350	4.66	5.09	8.23	4.63	1.77
340	3.76	4.36	6.28	3.81	1.65
330	3.09	3.76	5.02	3.24	1.50
320	2.75	3.16	4.25	2.87	1.41
300	2.13	2.64	3.36	2.33	1.26
270	1.56	1.94	2.76	1.81	1.14
240	1.34	1.56	2.39	1.49	0.984
210	1.17	1.41	2.13	1.28	0.778
183	1.00	1.24	1.91	1.13	0.702
150	0.907	1.05	1.69	0.947	0.538
130	0.849	0.960	1.53	0.861	0.454
120	0.834	0.915	1.39	0.822	0.430
110	0.805	0.897	1.27	0.784	0.394
100	0.772	0.848	1.14	0.747	0.365
90	0.746	0.821	1.11	0.706	0.341
80	0.730	0.791	1.07	0.672	0.335
70	0.692	0.735	1.04	0.637	0.314
60	0.645	0.673	1.00	0.597	0.291
50	0.601	0.605	0.966	0.561	0.279
40	0.575	0.577	0.943	0.519	0.266
30	0.525	0.525	0.927	0.477	0.254
25	0.513	0.513	0.912	0.453	0.250
20	0.462	0.462	0.895	0.426	0.243
15	0.427	0.427	0.879	0.396	0.223
10	0.411	0.411	0.868	0.360	0.177
9	0.408	0.408	0.848	0.350	0.169
8	0.406	0.406	0.843	0.339	0.146
7	0.389	0.389	0.838	0.328	0.142
6	0.389	0.389	0.808	0.309	0.104
5	0.389	0.389	0.797	0.294	0.099
4	0.382	0.382	0.785	0.278	0.094
3	0.379	0.379	0.783	0.257	0.093
2	0.377	0.377	0.782	0.232	0.092
1	0.358	0.358	0.780	0.194	0.080
0	0.338	0.338	0.758	0.069	0.069

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

Bayer. Landesamt für Wasserwirtschaft

A_{Eo} : 99.9 km²
PNP :NN + 375.32 m
Lage: 0.2 km

Q
m³/s

Pegel : Bad Berneck — Nr. 24113459
Gewässer : Ölschnitz
Gebiet : Oberer Main

Tageswerte

Tag	1999 Nov	1999 Dez	2000 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	0.757	1.16	2.32	5.53	4.43	3.58	1.92	0.797	0.477	0.722	0.477	0.534	0.863	0.768
2.	0.886	1.49	2.29	4.57	4.04	3.65	1.38	0.749	0.473	0.677	0.638	0.582	0.753	0.758
3.	1.38	1.37	2.25	4.28	4.06	3.23	1.34	0.757	0.981	0.666	0.697	0.574	0.714	0.748
4.	0.960	1.39	2.31	3.69	4.67	2.94	1.26	0.795	0.699	0.743	0.686	0.574	0.766	0.739
5.	0.831	1.34	5.08	3.48	3.63	2.71	1.21	0.986	0.678	0.635	0.566	0.559	0.707	0.907
6.	0.871	1.29	3.47	3.12	3.56	2.52	1.18	1.32	0.640	0.580	0.549	0.682	0.709	0.848
7.	0.844	1.71	3.29	3.04	3.51	2.37	1.10	0.955	0.666	0.648	1.19	0.928	0.691	0.785
8.	0.985	2.85	3.56	3.92	4.58	2.25	1.13	0.830	1.57	0.662	0.805	1.10	0.664	0.746
9.	1.10	1.83	3.68	4.52	7.19	2.13	1.08	0.735	0.952	0.652	0.604	0.746	0.647	0.725
10.	3.30	1.91	3.58	3.51	5.44	2.05	1.02	1.04	1.40	0.589	0.516	0.678	0.599	0.739
11.	2.88	1.70	3.18	3.88	5.64	2.01	0.970	1.44	0.971	0.598	0.516	0.671	0.643	1.06
12.	1.68	3.95	2.87	3.35	4.97	2.07	0.947	1.42	0.800	0.543	0.545	0.980	0.575	1.44
13.	1.45	2.79	2.64	3.13	4.36	1.92	0.902	1.02	0.720	0.509	0.518	0.786	0.542	1.15
14.	1.39	2.91	2.42	3.15	5.47	2.15	0.878	0.987	0.924	0.507	0.526	0.724	0.626	1.65
15.	1.34	2.46	2.19	4.01	e 5.95	1.92	0.895	0.933	0.998	0.499	0.499	0.659	1.00	3.68
16.	1.20	2.14	2.08	5.24	e 6.31	1.70	0.876	0.914	0.847	0.497	0.531	0.615	0.807	2.34
17.	1.17	1.99	2.22	3.92	7.56	1.62	0.868	0.875	0.771	0.453	0.746	0.604	0.936	1.69
18.	1.20	2.02	4.61	3.47	6.91	1.59	0.889	0.873	0.727	0.480	0.578	0.625	0.974	1.48
19.	1.17	1.87	3.07	3.86	6.23	1.63	0.906	0.863	0.695	0.466	0.533	0.751	0.834	1.38
20.	1.13	1.82	2.46	3.88	5.65	1.43	1.01	0.856	0.674	0.464	0.525	0.658	0.813	1.30
21.	1.09	1.74	2.32	3.36	5.32	1.32	0.914	0.826	0.674	0.498	0.637	0.700	0.791	1.19
22.	1.06	1.65	2.16	3.02	4.99	1.29	1.05	0.805	0.670	0.625	0.587	0.557	0.775	G 1.11
23.	1.03	1.57	2.07	2.80	4.65	1.25	0.959	0.780	0.639	0.475	0.531	0.551	0.734	G 1.07
24.	1.04	1.48	R 1.94	3.10	4.37	1.30	0.865	0.795	1.05	0.423	0.497	0.592	0.732	G 1.04
25.	1.14	3.66	R 1.91	7.56	4.09	1.29	0.842	0.782	1.53	0.420	0.520	0.586	0.739	R 1.00
26.	1.54	5.34	R 1.87	4.96	3.81	1.21	0.859	0.881	0.797	0.422	0.528	0.647	0.751	R 0.971
27.	1.38	5.38	R 1.83	4.35	3.46	1.14	0.807	0.714	0.805	0.440	0.494	0.631	0.915	R 0.920
28.	1.30	4.06	R 1.67	4.16	3.11	1.11	0.812	0.691	1.35	0.467	0.504	0.709	0.870	R 0.861
29.	1.26	3.21	2.17	3.97	2.85	1.06	0.848	0.563	1.24	0.479	0.561	0.677	0.849	R 0.844
30.	1.14	2.70	8.18		4.67	1.51	0.831	0.501	1.10	0.465	0.587	0.680	0.798	R 0.843
31.		2.46	7.74		4.07		0.842		0.838	0.441		0.884		R 0.856

Hauptwerte

	1999 Nov	1999 Dez	2000 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
Tag	1.	1.	28.	23.	29.	29.	27.	30.	2.	25.	1.	1.	13.	9.
NQ	0.757	1.16	1.67	2.80	2.85	1.06	0.807	0.501	0.473	0.420	0.477	0.534	0.542	0.725
MQ	1.28	2.36	3.01	3.96	4.82	1.93	1.01	0.882	0.882	0.540	0.589	0.685	0.760	1.15
HQ	6.14	6.97	12.5	10.6	10.1	4.51	3.58	4.69	6.18	1.13	1.65	1.53	1.14	6.12
Tag	10.	26.	30.	25.	14.	30.	1.	10.	24.	7.	7.	8.	15.	15.
h_N mm / h_A mm	33	63	81	99	129	50	27	23	24	14	15	18	20	31
	1981/1999		1982/2000						19 Jahre					
Jahr	1991	1991	1984	1996	1996	1998	1998	1991	1991	1991	1991	1990	1991	1991
NQ	0.205	0.227	0.758	0.641	0.638	0.638	0.501	0.422	0.100	0.069	0.086	0.177	0.205	0.227
MNQ	0.819	0.967	1.30	1.37	1.46	1.29	0.829	0.739	0.563	0.473	0.491	0.554	0.738	0.923
MQ	1.47	2.06	2.67	2.28	2.72	2.12	1.16	1.18	0.946	0.739	0.869	0.953	1.35	1.97
MHQ	5.82	8.77	10.1	7.24	8.20	6.06	2.75	3.92	5.19	2.66	3.17	3.24	5.47	8.75
HQ	25.9	23.0	25.6	18.6	20.1	24.9	5.58	13.5	16.9	7.37	15.1	15.4	25.9	23.0
Jahr	1998	1986	1995	1997	1988	1988	1984	1984	1992	1994	1998	1998	1998	1986
	1981/1999		1982/2000						19 Jahre					
Mh_N mm / Mh_A mm	38	55	72	57	73	55	31	31	25	20	22	26	35	53

	Abflussjahr (*) 2000 Jahr	Datum	Winter	Sommer	Kalenderjahr 2000 Jahr	Datum
NQ m³/s	0.420	am 25.08.2000	0.757	0.420	0.420	am 25.08.2000
MQ m³/s	1.83		2.90	0.766	1.68	
HQ m³/s	12.5	am 30.01.2000 bei W= 213 cm	12.5	6.18	12.5	am 30.01.2000 bei W= 213 cm
Nq l/(s km²)	4.20		7.58	4.20	4.20	
Mq l/(s km²)	18.3		29.0	7.67	16.8	
Hq l/(s km²)	125		125	61.9	125	
h_N mm / h_A mm	576		464	120	578	
	1982/2000 (*) 19 Jahre				1982/2000	
NQ m³/s	0.069	am 01.08.1991	0.205	0.069	0.069	am 01.08.1991
MNQ m³/s	0.352		0.689	0.404	0.399	
MQ m³/s	1.60		2.22	0.975	1.58	
MHQ m³/s	17.5		16.9	7.16	17.0	
HQ m³/s	25.9	am 01.11.1998 bei W= 251 cm	25.9	16.9	25.9	am 01.11.1998 bei W= 251 cm
HQ_1 m³/s	14.3		13.8	6.08	14.3	
HQ_5 m³/s						
MNq l/(s km²)	3.52		6.90	4.04	3.99	
Mq l/(s km²)	16.0		22.3	9.76	15.8	
MHq l/(s km²)	175		170	71.7	170	
	1982/2000 (*) 19 Jahre				1982/2000	
Mh_N mm / Mh_A mm	504		354	153	500	

Extremwerte

	Niedrigwasser m³/s	l/(s km²)	Datum	Hochwasser m³/s	l/(s km²)	cm	Datum
1	0.069	0.691	01.08.1991	25.9	260		01.11.1998
2				25.6	256		26.01.1995
3				24.9	250		01.04.1988
4				23.9	239		06.01.1982
5				23.0	230		30.12.1986
6				22.3	223		22.05.1978
7				22.1	221		21.12.1993
8				20.2	203		19.01.1986
9				20.1	201		26.03.1988
10				19.3	193		10.03.1981

Dauertabelle

Unterschreitungsdauer in Tagen	Unterschrittene Abflüsse m³/s: Abflussjahr (*) 2000	Kalenderjahr 2000	1982/2000 19 Kalenderjahre: Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte
(365)					
364	7.74	7.74	18.6	11.8	3.38
363	7.56	7.56	16.2	9.64	3.15
362	7.56	7.56	13.6	8.30	3.06
361	7.19	7.19	13.0	7.41	2.49
360	6.91	6.91	12.4	6.90	2.36
359	6.31	6.31	12.0	6.36	2.31
358	6.23	6.23	10.3	6.01	2.12
357	5.95	5.95	10.0	5.71	2.00
356	5.65	5.65	9.97	5.46	2.00
350	5.34	5.24	8.23	4.61	1.77
340	4.61	4.57	6.28	3.78	1.65
330	4.09	4.06	5.02	3.21	1.50
320	3.88	3.69	4.25	2.85	1.41
300	3.35	3.15	3.36	2.32	1.26
270	2.37	2.13	2.76	1.81	1.14
240	1.83	1.38	2.39	1.49	0.984
210	1.35	1.05	2.13	1.27	0.778
183	1.13	0.915	1.91	1.12	0.702
150	0.928	0.830	1.69	0.941	0.538
130	0.856	0.775	1.53	0.854	0.454
120	0.826	0.748	1.39	0.817	0.430
110	0.797	0.732	1.27	0.779	0.394
100	0.749	0.707	1.14	0.741	0.365
90	0.699	0.680	1.11	0.702	0.341
80	0.678	0.664	1.07	0.667	0.335
70	0.652	0.639	1.04	0.632	0.314
60	0.631	0.615	1.00	0.594	0.291
50	0.582	0.578	0.966	0.559	0.279
40	0.551	0.549	0.943	0.517	0.266
30	0.525	0.525	0.927	0.475	0.254
25	0.509	0.509	0.912	0.451	0.250
20	0.501	0.501	0.895	0.425	0.243
15	0.480	0.480	0.879	0.395	0.223
10	0.473	0.473	0.868	0.356	0.177
9	0.467	0.467	0.848	0.347	0.169
8	0.466	0.466	0.843	0.337	0.146
7	0.465	0.465	0.838	0.323	0.142
6	0.464	0.464	0.808	0.302	0.104
5	0.453	0.453	0.797	0.288	0.099
4	0.441	0.441	0.785	0.273	0.094
3	0.440	0.440	0.783	0.253	0.093
2	0.423	0.423	0.782	0.229	0.092
1	0.422	0.422	0.780	0.192	0.080
0	0.420	0.420	0.758	0.069	0.069

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

Bayer. Landesamt für Wasserwirtschaft

A_{Eo} : 99.9 km²
PNP :NN + 375.32 m
Lage: 0.2 km

Q
m³/s

Pegel : Bad Berneck — Nr. 24113459
Gewässer : Ölschnitz
Gebiet : Oberer Main

Tageswerte

Tag	1998 Nov	1998 Dez	1999 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	17.4	1.86	2.01	2.27	4.38	1.64	1.37	0.845	1.01	0.739	0.614	1.81	0.757	1.16
2.	10.4	1.77	1.93	2.16	13.8	1.55	1.71	1.32	0.834	0.667	0.606	1.34	0.886	1.49
3.	10.2	1.70	2.09	2.11	11.5	1.46	1.35	1.19	0.760	0.725	0.621	1.31	1.38	1.37
4.	8.12	1.65	3.23	3.65	9.04	2.09	1.27	1.04	0.727	0.713	0.666	1.40	0.960	1.39
5.	7.20	1.61	2.93	7.64	8.50	2.25	1.20	0.929	0.735	0.762	0.648	1.07	0.831	1.34
6.	6.24	1.62	2.42	4.34	7.41	1.78	1.14	0.890	1.94	0.797	0.675	0.967	0.871	1.29
7.	5.64	1.61	2.37	3.88	6.56	1.78	1.15	0.855	1.21	0.715	0.750	0.918	0.844	1.71
8.	5.10	R 1.52	4.32	3.67	6.10	1.70	1.19	1.40	1.08	0.655	0.688	0.912	0.985	2.85
9.	6.57	R 1.50	3.77	3.27	6.07	1.61	1.14	1.37	1.28	0.664	0.636	1.93	1.10	1.83
10.	6.98	R 1.46	3.45	2.90	6.56	1.48	1.15	1.20	1.06	0.854	0.628	1.82	3.30	1.91
11.	7.17	R 1.43	3.10	2.53	5.81	1.50	1.09	3.82	0.926	0.873	0.622	1.57	2.88	1.70
12.	6.07	R 1.44	3.03	2.28	4.61	1.57	1.14	1.94	0.893	0.723	0.608	1.42	1.68	3.95
13.	5.41	R 4.77	2.88	2.14	4.36	1.57	1.58	1.61	0.926	0.614	0.631	1.23	1.45	2.79
14.	5.06	R 4.56	2.78	2.06	4.16	1.74	1.19	1.46	3.01	0.573	0.615	1.07	1.39	2.91
15.	5.35	4.38	2.92	1.98	3.82	1.55	1.14	1.28	2.33	0.557	0.602	1.02	1.34	2.46
16.	4.92	4.16	3.44	1.94	3.57	1.49	1.06	1.03	1.40	0.582	0.613	1.03	1.20	2.14
17.	4.59	3.43	3.90	1.86	3.22	1.56	1.02	0.941	1.23	1.04	0.588	0.977	1.17	1.99
18.	3.99	3.15	3.49	1.75	2.99	1.48	0.945	1.28	1.10	1.03	0.599	0.898	1.20	2.02
19.	3.69	3.74	3.14	2.34	2.87	1.48	0.914	1.08	1.02	1.56	0.571	0.846	1.17	1.87
20.	3.46	3.64	2.92	5.46	2.72	1.61	1.04	1.01	0.968	0.924	e 0.656	0.813	1.13	1.82
21.	3.07	3.17	2.72	4.26	2.69	1.51	1.71	1.24	0.944	0.780	e 0.743	0.794	1.09	1.74
22.	2.90	2.90	2.51	4.63	2.78	1.53	1.39	1.03	0.896	0.743	0.620	0.805	1.06	1.65
23.	2.69	2.70	2.39	3.82	2.79	1.40	1.23	0.924	1.00	0.744	0.750	0.802	1.03	1.57
24.	2.58	2.58	2.30	3.30	2.94	1.62	1.16	0.805	0.910	0.688	0.673	0.766	1.04	1.48
25.	2.44	2.48	3.01	2.94	2.44	1.61	1.07	0.765	0.889	0.682	0.892	1.06	1.14	3.66
26.	2.31	2.83	5.35	2.80	2.25	1.51	1.05	0.746	0.874	0.655	1.04	1.05	1.54	5.34
27.	2.16	3.15	3.66	2.65	2.16	1.43	1.00	0.762	1.26	0.683	0.859	0.883	1.38	5.38
28.	2.12	2.69	3.14	3.30	1.99	1.38	0.940	0.735	1.06	0.810	0.818	0.817	1.30	4.06
29.	2.07	2.39	2.78		1.96	1.34	0.905	0.695	0.893	0.698	0.905	0.756	1.26	3.21
30.	1.96	2.23	2.49		1.89	1.26	0.848	0.923	0.820	0.638	1.72	0.763	1.14	2.70
31.		2.11	2.33		1.75		0.957		0.797	0.630		0.775		2.46
Tag	30.	11.	2.	18.	31.	30.	30.	29.	4.	15.	19.	29.	1.	1.
NQ	1.96	1.43	1.93	1.75	1.75	1.26	0.848	0.695	0.727	0.557	0.571	0.756	0.757	1.16
MQ	5.26	2.59	2.99	3.14	4.63	1.58	1.16	1.17	1.12	0.758	0.721	1.08	1.28	2.36
HQ	25.9	7.08	6.50	10.8	16.4	3.56	2.52	6.65	4.60	2.49	2.28	2.87	6.14	6.97
Tag	1.	13.	26.	5.	2.	24.	2.	11.	6.	19.	30.	9.	10.	26.
h_N mm / h_A mm	136	69	80	76	124	41	31	30	30	20	19	29	33	63
	1981/1998		1982/1999						18 Jahre					
Jahr	1991	1991	1984	1996	1996	1998	1998	1991	1991	1991	1991	1990	1991	1991
NQ	0.205	0.227	0.758	0.641	0.638	0.638	0.501	0.422	0.100	0.069	0.086	0.177	0.205	0.227
MNQ	0.823	0.956	1.29	1.29	1.38	1.30	0.830	0.753	0.568	0.476	0.491	0.555	0.749	0.934
MQ	1.48	2.04	2.65	2.19	2.61	2.14	1.17	1.20	0.949	0.750	0.885	0.968	1.39	2.02
MHQ	5.80	8.87	10.0	7.05	8.10	6.15	2.70	3.88	5.13	2.75	3.26	3.33	5.71	8.89
HQ	25.9	23.0	25.6	18.6	20.1	24.9	5.58	13.5	16.9	7.37	15.1	15.4	25.9	23.0
Jahr	1998	1986	1995	1997	1988	1988	1984	1984	1992	1994	1998	1998	1998	1986
	1981/1998		1982/1999						18 Jahre					
Mh_N mm / Mh_A mm	38	55	71	53	70	55	31	31	25	20	23	26	36	54

Hauptwerte

	Abflussjahr (*) 1999 Jahr	Datum	Winter	Sommer	Kalenderjahr 1999 Jahr	Datum
NQ m³/s	0.557	am 15.08.1999	1.26	0.557	0.557	am 15.08.1999
MQ m³/s	2.18		3.37	1.00	1.83	
HQ m³/s	25.9	am 01.11.1998 bei W= 251 cm	25.9	6.65	16.4	am 02.03.1999 bei W= 226 cm
Nq l/(s km²)	5.58		12.7	5.58	5.58	
Mq l/(s km²)	21.8		33.7	10.1	18.3	
Hq l/(s km²)	260		260	66.5	164	
h_N mm / h_A mm	688		536	157	688	
	1982/1999 (*) 18 Jahre				1982/1999	
NQ m³/s	0.069	am 01.08.1991	0.205	0.069	0.069	am 01.08.1991
MNQ m³/s	0.348		0.686	0.403	0.397	
MQ m³/s	1.58		2.19	0.986	1.57	
MHQ m³/s	17.8		17.2	7.22	17.2	
HQ m³/s	25.9	am 01.11.1998 bei W= 251 cm	25.9	16.9	25.9	am 01.11.1998 bei W= 251 cm
HQ_1 m³/s	14.9		14.3	6.08	14.9	
HQ_5 m³/s						
MNq l/(s km²)	3.48		6.87	4.03	3.97	
Mq l/(s km²)	15.8		21.9	9.87	15.7	
MHq l/(s km²)	178		172	72.3	172	
	1982/1999 (*) 18 Jahre				1982/1999	
Mh_N mm / Mh_A mm	500		348	154	497	

Extremwerte

	Niedrigwasser m³/s	l/(s km²)	Datum	Hochwasser m³/s	l/(s km²)	cm	Datum
1	0.069	0.691	01.08.1991	25.9	260		01.11.1998
2				25.6	256		26.01.1995
3				24.9	250		01.04.1988
4				23.9	239		06.01.1982
5				23.0	230		30.12.1986
6				22.3	223		22.05.1978
7				22.1	221		21.12.1993
8				20.2	203		19.01.1986
9				20.1	201		26.03.1988
10				19.3	193		10.03.1981

Dauertabelle

Unter schreitungs dauer in Tagen	Unterschrittene Abflüsse m³/s: Abfluss-jahr (*) 1999	Kalender jahr 1999	1982/1999 18 Kalenderjahre Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte
(365)					
364	17.4	13.8	18.6	12.0	3.38
363	13.8	11.5	16.2	9.85	3.15
362	11.5	9.04	13.6	8.52	3.06
361	10.4	8.50	13.0	7.43	2.49
360	10.2	7.64	12.4	6.90	2.36
359	9.04	7.41	12.0	6.41	2.31
358	8.50	6.56	10.3	6.01	2.12
357	8.12	6.56	10.0	5.71	2.00
356	7.64	6.10	9.97	5.44	2.00
350	6.56	5.34	8.23	4.58	1.77
340	5.35	3.95	6.28	3.72	1.65
330	4.38	3.65	5.02	3.16	1.50
320	3.88	3.22	4.25	2.81	1.41
300	3.23	2.80	3.36	2.30	1.26
270	2.72	2.14	2.76	1.80	1.14
240	2.16	1.74	2.39	1.49	0.984
210	1.72	1.49	2.13	1.28	0.778
183	1.50	1.34	1.91	1.13	0.702
150	1.23	1.14	1.69	0.952	0.538
130	1.07	1.04	1.53	0.862	0.454
120	1.04	1.02	1.39	0.822	0.430
110	1.01	0.967	1.27	0.783	0.394
100	0.941	0.926	1.14	0.745	0.365
90	0.912	0.896	1.11	0.704	0.341
80	0.889	0.871	1.07	0.667	0.335
70	0.834	0.820	1.04	0.631	0.314
60	0.802	0.794	1.00	0.594	0.291
50	0.756	0.756	0.966	0.557	0.279
40	0.727	0.727	0.943	0.514	0.266
30	0.682	0.682	0.927	0.470	0.254
25	0.664	0.664	0.912	0.445	0.250
20	0.638	0.638	0.895	0.421	0.243
15	0.622	0.622	0.879	0.389	0.223
10	0.615	0.615	0.868	0.352	0.177
9	0.613	0.613	0.848	0.341	0.169
8	0.608	0.608	0.843	0.332	0.146
7	0.606	0.606	0.838	0.318	0.142
6	0.602	0.602	0.808	0.299	0.104
5	0.599	0.599	0.797	0.284	0.099
4	0.588	0.588	0.785	0.268	0.094
3	0.582	0.582	0.783	0.253	0.093
2	0.573	0.573	0.782	0.227	0.092
1	0.571	0.571	0.780	0.189	0.080
0	0.557	0.557	0.758	0.069	0.069

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

A_{Eo} : 99.9 km²
PNP :NN + 375.32 m
Lage: 0.2 km

Q
m³/s

Pegel : Bad Berneck — Nr. 24113459
Gewässer : Ölschnitz
Gebiet : Oberer Main

Tageswerte

Tag	1997 Nov	1997 Dez	1998 Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1.	0.487	0.526	1.25	R 1.13	e 1.12	1.04	0.705	0.565	0.559	1.06	0.592	1.67	17.4	1.86
2.	0.472	0.510	1.37	R 1.11	e 1.05	1.14	0.767	0.583	0.552	0.979	0.534	3.01	10.4	1.77
3.	0.421	0.493	1.39	G 1.08	e 1.15	1.21	1.13	0.710	0.520	1.34	0.607	1.62	10.2	1.70
4.	0.389	0.483	1.47	D 1.06	1.18	1.14	0.894	0.531	0.535	1.02	0.752	1.35	8.12	1.65
5.	0.415	0.477	1.42	D 1.03	1.56	1.07	0.826	0.533	0.636	0.897	0.974	1.28	7.20	1.61
6.	0.406	0.466	1.56	D 1.01	2.91	0.971	0.824	0.520	0.707	0.836	1.42	1.20	6.24	1.62
7.	0.409	0.487	1.47	D 0.981	6.86	0.965	0.796	0.493	0.824	0.786	1.14	1.33	5.64	1.61
8.	0.478	0.518	1.46	R 0.956	4.41	1.10	0.783	0.579	0.864	0.741	0.867	2.55	5.10	R 1.52
9.	0.455	0.513	1.31	R 0.931	3.33	1.07	0.738	0.514	0.794	0.734	0.795	1.52	6.57	R 1.50
10.	0.454	0.780	1.22	R 0.905	2.61	1.14	0.748	0.547	0.812	0.705	0.805	1.50	6.98	R 1.46
11.	0.424	1.98	1.17	R 0.898	2.31	1.05	0.732	0.595	0.892	0.687	1.08	1.86	7.17	R 1.44
12.	0.431	4.67	1.12	R 0.911	2.02	1.02	0.752	1.85	2.53	0.685	1.68	4.84	6.07	R 1.45
13.	0.421	2.12	1.09	R 1.45	1.83	0.994	0.719	1.62	1.52	1.01	1.46	4.60	5.41	R 4.77
14.	0.402	1.65	1.04	R 1.67	1.84	0.924	0.703	0.825	0.974	0.805	1.42	3.72	5.06	R 4.56
15.	0.424	1.40	1.03	R 1.38	2.15	0.868	0.688	0.665	0.780	0.680	11.3	5.35	5.35	4.38
16.	0.817	1.13	1.14	1.16	2.02	0.871	0.676	0.627	0.804	0.648	9.46	4.09	4.92	4.16
17.	0.545	1.14	1.60	1.22	1.93	0.821	0.672	0.662	0.837	0.617	7.51	3.53	4.59	3.43
18.	0.498	0.941	1.32	1.13	1.78	0.820	0.688	0.727	0.956	0.599	6.52	3.07	3.99	3.15
19.	0.481	R 0.867	1.93	1.07	1.69	0.857	0.650	0.696	0.819	0.610	5.13	2.74	3.70	3.74
20.	0.476	0.830	2.36	1.04	1.64	0.826	0.629	0.651	0.694	0.582	4.13	2.40	3.46	3.65
21.	0.475	0.816	1.69	1.01	1.57	0.820	0.628	0.591	0.666	0.594	3.42	2.08	3.08	3.17
22.	0.493	0.812	1.54	1.02	1.45	0.759	0.622	0.654	0.780	0.764	2.91	1.85	2.90	2.90
23.	0.506	0.804	1.46	1.09	1.47	0.713	0.615	0.678	0.716	0.591	2.51	1.72	2.69	2.70
24.	0.510	0.976	1.39	1.08	1.42	0.724	0.581	0.657	0.669	0.664	2.21	3.28	2.58	2.58
25.	0.481	1.71	R 1.33	1.11	1.38	0.712	0.632	0.631	0.661	0.735	2.01	5.35	2.44	2.48
26.	0.485	1.35	R 1.29	1.08	1.32	0.638	0.623	0.616	0.657	0.566	1.84	4.07	2.31	2.83
27.	0.483	1.35	R 1.26	1.04	1.27	0.686	0.552	0.612	0.733	0.698	1.64	5.48	2.16	3.16
28.	0.446	1.41	R 1.23	e 0.999	1.20	0.725	0.521	0.601	1.46	0.622	1.54	7.43	2.12	2.69
29.	0.492	1.46	R 1.21		1.13	0.803	0.501	0.550	1.82	0.592	1.40	9.42	2.07	2.39
30.	0.486	1.35	R 1.18		1.07	0.711	0.775	0.526	2.99	0.556	1.23	10.8	1.96	2.23
31.		1.26	R 1.16		1.07		0.582		1.40	0.567		8.38		2.11

Hauptwerte

	1981/1997		1982/1998 (17 Jahre)											
Tag	4.	6.	15.	11.	2.	26.	29.	7.	3.	30.	2.	6.	30.	11.
NQ	0.389	0.466	1.03	0.898	1.05	0.638	0.501	0.493	0.520	0.556	0.534	1.20	1.96	1.44
MQ	0.472	1.14	1.37	1.09	1.93	0.906	0.701	0.687	0.972	0.741	2.63	3.65	5.26	2.59
HQ	1.26	6.40	3.11	2.02	9.83	1.43	1.61	4.48	4.87	2.78	15.1	15.4	25.9	7.08
Tag	16.	12.	20.	13.	7.	9.	3.	12.	12.	2.	15.	28.	1.	13.
h_N mm / h_A mm	12	30	37	26	52	24	19	18	26	20	68	98	136	69

	1981/1997		1982/1998 (17 Jahre)											
Jahr	1991	1991	1984	1996	1996	1998	1998	1991	1991	1991	1991	1990	1991	1991
NQ	0.205	0.227	0.758	0.641	0.638	0.638	0.501	0.422	0.100	0.069	0.086	0.177	0.205	0.227
MNQ	0.756	0.928	1.25	1.26	1.36	1.31	0.829	0.756	0.558	0.471	0.487	0.543	0.748	0.921
MQ	1.26	2.01	2.63	2.13	2.49	2.17	1.17	1.20	0.939	0.750	0.895	0.961	1.39	2.00
MHQ	4.62	8.98	10.2	6.83	7.61	6.30	2.71	3.72	5.16	2.77	3.31	3.36	5.69	9.01
HQ	16.7	23.0	25.6	18.6	20.1	24.9	5.58	13.5	16.9	7.37	15.1	15.4	25.9	23.0
Jahr	1990	1986	1995	1997	1988	1988	1984	1984	1992	1994	1998	1998	1998	1986
Mh_N mm / Mh_A mm	33	54	70	52	67	56	31	31	25	20	23	26	36	54

	Abflussjahr (*) 1998 Jahr	Datum	Winter	Sommer	Kalenderjahr 1998 Jahr	Datum
NQ m³/s	0.389	am 04.11.1997	0.389	0.493	0.493	am 07.06.1998
MQ m³/s	1.36		1.16	1.56	1.88	
HQ m³/s	15.4	am 28.10.1998 bei W= 225 cm	9.83	15.4	25.9	am 01.11.1998 bei W= 251 cm
Nq l/(s km²)	3.89		3.89	4.94	4.94	
Mq l/(s km²)	13.6		11.6	15.6	18.8	
Hq l/(s km²)	154		98.4	154	260	
h_N mm / h_A mm	430		184	244	430	
	1982/1998 (*) 17 Jahre				1982/1998	
NQ m³/s	0.069	am 01.08.1991	0.205	0.069	0.069	am 01.08.1991
MNQ m³/s	0.335		0.652	0.394	0.388	
MQ m³/s	1.55		2.12	0.985	1.56	
MHQ m³/s	17.3		16.7	7.25	17.3	
HQ m³/s	25.6	am 26.01.1995 bei W= 248 cm	25.6	16.9	25.9	am 01.11.1998 bei W= 251 cm
HQ_1 m³/s	14.3		13.8	6.08	14.9	
HQ_5 m³/s						
MNq l/(s km²)	3.35		6.53	3.94	3.88	
Mq l/(s km²)	15.5		21.2	9.86	15.6	
MHq l/(s km²)	173		167	72.6	173	
	1982/1998 (*) 17 Jahre				1982/1998	
Mh_N mm / Mh_A mm	489		337	154	492	

Extremwerte

	Niedrigwasser m³/s	l/(s km²)	Datum	Hochwasser m³/s	l/(s km²)	cm	Datum
1	0.069	0.691	01.08.1991	25.9	260		01.11.1998
2				25.6	256		26.01.1995
3				24.9	250		01.04.1988
4				23.9	239		06.01.1982
5				23.0	230		30.12.1986
6				22.3	223		22.05.1978
7				22.1	221		21.12.1993
8				20.2	203		19.01.1986
9				20.1	201		26.03.1988
10				19.3	193		10.03.1981

Dauertabelle

Unterschreitungsdauer in Tagen	Unterschrittene Abflüsse m³/s: Abflussjahr (*) 1998	Kalenderjahr 1998	1982/1998 17 Kalenderjahre: Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte
(365)					
364	11.3	17.4	18.6	12.0	3.38
363	10.8	11.3	16.2	9.85	3.15
362	9.46	10.8	13.6	8.50	3.06
361	9.42	10.4	13.0	7.43	2.49
360	8.38	10.2	12.4	6.86	2.36
359	7.51	9.46	12.0	6.32	2.31
358	7.43	9.42	10.3	5.96	2.12
357	6.86	8.38	10.0	5.66	2.00
356	6.52	8.12	9.97	5.39	2.00
350	4.67	6.86	8.23	4.58	1.77
340	3.28	5.35	6.28	3.70	1.65
330	2.51	4.41	5.02	3.13	1.50
320	2.01	3.65	4.25	2.75	1.41
300	1.64	2.70	3.36	2.27	1.26
270	1.40	1.86	2.76	1.78	1.14
240	1.18	1.54	2.39	1.47	0.984
210	1.07	1.34	2.13	1.27	0.778
183	0.965	1.14	1.91	1.12	0.702
150	0.816	1.02	1.69	0.940	0.538
130	0.748	0.898	1.53	0.849	0.454
120	0.719	0.836	1.39	0.812	0.430
110	0.698	0.812	1.27	0.773	0.394
100	0.676	0.783	1.14	0.727	0.365
90	0.654	0.738	1.11	0.693	0.341
80	0.627	0.713	1.07	0.657	0.335
70	0.601	0.694	1.04	0.620	0.314
60	0.583	0.669	1.00	0.584	0.291
50	0.550	0.650	0.966	0.546	0.279
40	0.521	0.623	0.943	0.502	0.266
30	0.498	0.595	0.927	0.463	0.254
25	0.492	0.592	0.912	0.440	0.250
20	0.483	0.579	0.895	0.415	0.243
15	0.475	0.556	0.879	0.382	0.223
10	0.446	0.535	0.868	0.347	0.177
9	0.431	0.534	0.848	0.337	0.169
8	0.431	0.533	0.843	0.326	0.146
7	0.431	0.531	0.838	0.309	0.142
6	0.424	0.526	0.808	0.294	0.104
5	0.424	0.521	0.797	0.280	0.099
4	0.415	0.521	0.785	0.263	0.094
3	0.409	0.521	0.783	0.251	0.093
2	0.406	0.514	0.782	0.221	0.092
1	0.402	0.501	0.780	0.179	0.080
0	0.389	0.493	0.758	0.069	0.069

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