

A<sub>E+</sub> : 98.73 km<sup>2</sup>

PNP : NHN+ 84.53 m

Lage : 348.79 km oberhalb der Mündung rechts



Pegel : Steinhorst

Gewässer: Fms

Nr. 3113000000100

Tag	2008		2009													
	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez		
Tageswerte	1.	0.863	0.910	0.769	0.967	1.89	1.28	1.35	0.591	0.510	0.557	0.397	0.734	0.932	1.44	
	2.	0.844	0.858	0.772	0.944	1.67	1.21	1.19	0.569	0.483	0.557	0.384	0.973	1.30	1.32	
	3.	0.844	0.905	0.773	0.946	1.53	1.11	1.05	0.547	0.468	0.567	0.389	0.915	1.54	1.27	
	4.	0.779	0.955	0.776	0.900	1.44	1.09	0.954	0.538	0.450	0.525	0.406	0.774	1.74	1.23	
	5.	0.749	0.954	0.804	0.916	1.38	1.07	0.898	0.564	0.423	0.499	0.473	0.700	1.77	1.19	
	6.	0.750	0.964	0.769	0.933	1.40	1.04	0.974	0.585	0.452	0.487	0.529	0.664	1.64	1.32	
	7.	0.750	1.01	0.721	0.950	1.73	1.04	1.05	0.692	0.503	0.464	0.484	0.750	1.54	1.53	
	8.	0.753	1.01	0.748	1.07	1.68	1.02	0.984	0.732	0.539	0.443	0.448	1.36	1.49	1.51	
	9.	0.752	0.970	0.736	1.03	1.64	1.07	0.938	0.714	0.626	0.466	0.437	1.39	1.53	0.779	
	10.	0.752	0.951	0.735	1.23	1.65	1.05	0.886	0.694	0.628	0.468	0.426	1.38	1.99	1.02	
	11.	0.753	0.909	0.717	1.72	1.93	1.01	0.853	0.720	0.748	0.461	0.471	1.59	2.47	2.01	
	12.	0.754	0.895	0.703	1.72	1.87	0.982	0.823	0.748	0.747	0.449	0.477	1.68	2.45	2.02	
	13.	0.754	0.853	0.732	1.57	1.52	0.952	0.783	0.697	0.745	0.472	0.459	1.58	2.14	1.72	
	14.	0.902	0.845	0.773	1.53	1.43	0.954	0.762	0.657	0.739	0.473	0.483	1.31	1.55	1.52	
	15.	0.925	0.840	0.868	1.41	1.58	0.908	0.764	0.651	0.746	0.470	0.569	1.14	1.38	1.36	
	16.	0.805	0.839	0.878	1.42	1.51	0.860	0.856	0.715	0.644	0.446	0.667	1.10	1.42	1.23	
	17.	0.758	0.814	0.856	2.34	1.44	0.869	0.826	0.720	0.579	0.447	0.651	1.16	1.39	1.12	
	18.	0.770	0.796	0.929	2.08	1.34	0.881	0.836	0.675	0.560	0.421	0.623	1.13	1.28	1.07	
	19.	0.826	0.817	1.08	1.73	1.28	0.839	0.786	0.630	0.560	0.419	0.585	1.06	1.16	1.04	
	20.	0.892	0.902	1.17	1.68	1.20	0.823	0.765	0.599	0.610	0.406	0.552	1.00	1.08	1.06	
	21.	1.20	0.975	1.16	1.74	1.17	0.785	0.734	0.589	0.608	0.392	0.546	0.946	1.02	1.07	
	22.	1.29	1.09	1.10	1.87	1.12	0.783	0.724	0.595	0.765	0.391	0.512	0.895	1.01	1.10	
	23.	1.26	1.11	1.15	2.07	1.14	0.765	0.719	0.596	0.777	0.390	0.510	0.862	1.15	1.21	
	24.	1.25	1.06	1.44	1.83	1.33	0.741	0.694	0.578	0.812	0.368	0.510	0.830	1.84	1.16	
	25.	1.17	1.01	1.37	1.60	1.36	0.730	0.661	0.547	0.796	0.365	0.510	0.858	1.71	1.50	
	26.	1.13	0.952	1.28	1.54	1.47	0.728	0.644	0.521	0.787	0.383	0.502	0.826	1.55	2.03	
	27.	1.11	0.904	1.19	1.64	1.63	0.726	0.627	0.520	0.733	0.387	0.476	0.880	1.58	1.72	
	28.	1.07	0.858	1.13	1.90	1.73	0.875	0.624	0.521	0.663	0.374	0.476	0.873	1.62	1.65	
	29.	0.988	0.858	1.08	1.75	0.896	0.594	0.541	0.617	0.364	0.475	0.837	1.71	1.47		
	30.	0.968	0.790	1.04	1.54	0.861	0.591	0.517	0.617	0.381	0.508	1.02	1.61	1.62		
	31.		0.779	0.994		1.38		0.595		0.591	0.411		0.966		1.92	
Tag	5.	31.	12.	4.	22.	27.	30.	30.	5.	29.	2.	6.	1.	9.		
	NQ	0.749	0.779	0.703	0.900	1.12	0.726	0.591	0.517	0.423	0.364	0.384	0.664	0.932	0.779	
MQ	0.913	0.916	0.943	1.47	1.51	0.932	0.823	0.619	0.630	0.442	0.498	0.675	1.04	1.55	1.39	
	HQ	1.31	1.29	1.45	2.56	2.11	1.33	1.	1.	24.	0.598	0.669	2.35	2.54	2.21	
Tag	24.+	22.	25.+	17.	13.	1.	8.		3.	15.	13.	11.	11.+			
	h <sub>N</sub>	53	36	40	89	88	26	39	49	112	17	54	145	124	-----	
	mm	24	25	26	36	41	24	22	16	12	12	28	41	38		
1974/2008		1975/2009												35 Kalenderjahre		
Jahr	1976	1999	2007	1996	2001	1997	1976	1986	1976	1976	1976	1976	1976	1976	1999	
NQ	0.417	0.391	0.417	0.598	0.340	0.516	0.394	0.311	0.093	0.099	0.165	0.348	0.417	0.391		
MNQ	0.798	0.902	1.00	1.03	0.986	0.833	0.667	0.555	0.470	0.453	0.536	0.675	0.796	0.880		
MQ	1.16	1.38	1.54	1.42	1.44	1.14	0.960	0.804	0.722	0.720	0.804	0.923	1.16	1.34		
MHQ	2.44	2.87	3.15	2.72	2.93	2.05	1.93	1.74	1.78	1.76	1.78	1.90	2.44	2.82		
HQ	5.29	5.06	7.09	5.06	6.24	4.65	5.26	5.20	6.00	5.09	5.68	5.09	5.29	5.06		
Jahr	1998	1988	1982	1984	1987	1986	1984	1981	1981	2005	2007	1993	1998	1988		
Mh <sub>N</sub>	81	89	85	60	75	56	70	76	84	80	81	68	82	86		
Mh <sub>A</sub>	30	37	42	35	39	30	26	21	20	20	21	25	30	36		
Abflussjahr (*)		Kalenderjahr												Unterschrittene Abflüsse m <sup>3</sup> /s		
2009		Jahr	Datum	Winter	Sommer	Jahr	Datum	Unterschreibungs- dauer in Tagen	Abfluss- jahr (*)	Kalender- jahr 2009	Oberre- Hüllkurve	Mittlere Werte	Untere Hüllkurve	1975/2009		
1975/2009 (*)														35 Kalenderjahre		
Hauptwerte	NQ	m <sup>3</sup> /s	0.364	am 29.08.2009	0.703	0.364	0.364	am 29.08.2009	364	2.34	2.47	5.66	3.75	2.43		
	MQ	m <sup>3</sup> /s	0.891		1.11	0.676	0.985		363	2.08	2.45	5.16	3.38	2.19		
HQ	2.56	m <sup>3</sup> /s	am 17.02.2009	bei W = 76.0 cm	2.56	2.35	2.56	am 17.02.2009	362	2.07	2.34	5.05	3.22	2.06		
	Nq	l/(skm <sup>2</sup> )	3.68		7.12	3.68	3.68		361	1.93	2.14	4.91	3.05	2.03		
Hq	Mq	l/(skm <sup>2</sup> )	9.03		11.2	6.85	9.97		360	1.90	2.08	4.81	2.87	2.03		
	Hq	l/(skm <sup>2</sup> )	25.9		25.9	23.8	25.9		359	1.89	2.07	4.25	2.74	1.96		
Hauptwerte	h <sub>N</sub>	mm	748		332	416	783		358	1.87	2.03	4.14	2.63	1.89		
	h <sub>A</sub>	mm	285		176	109	315		357	1.87	2.02	3.90	2.55	1.85		
1975/2009 (*)		35 Jahre												Dauertabelle		
1975/2009																
Extremwerte	NQ	m <sup>3</sup> /s	0.093	am 13.07.1976	0.339	0.093	0.093	am 13.07.1976	210	0.873	0.982	1.32	1.04	0.751		
	MNQ	m <sup>3</sup> /s	0.372		0.672	0.377	0.370		183	0.823	0.875	1.22	0.961	0.665		
Extremwerte	MQ	m <sup>3</sup> /s	1.08		1.35	0.822	1.08		150	0.754	0.772	1.16	0.873	0.555		
	MHQ	m <sup>3</sup> /s	4.57		4.22	3.17	4.49		130	0.734	0.734	1.13	0.822	0.492		
Extremwerte	HQ	m <sup>3</sup> /s	7.09	am 31.01.1982	7.09	6.00	7.09	am 31.01.1982	120	0.720	0.720	1.10	0.799	0.472		
	HQ <sub>1</sub>	m <sup>3</sup> /s		bei W = 132 cm				bei W = 132 cm	110	0.692	0.692	1.08	0.773	0.438		
Extremwerte	Mhq	l/(skm <sup>2</sup> )	3.77		6.81	3.82	3.75		90	0.608	0.608	1.05	0.730	0.396		
	Mhq	l/(skm <sup>2</sup> )	11.0		42.8	32.1	45.5		80	0.525	0.525	0.990	0.656	0.320		
Extremwerte	Mh <sub>N</sub>	mm	905		445	460	903		50	0.508	0.508	0.964	0.625	0.277		
	Mh <sub>A</sub>	mm	346		214	132	345		40	0.476	0.476	0.928	0.593	0.240		
Extremwerte	Niedrigwasser (n)	m <sup>3</sup> /s	0.942	13.07.1976	7.09	71.8	132	31.01.1982	20	0.437	0.437	0.739	0.514	0.148		
	Hochwasser	m <sup>3</sup> /s	1		1	1	1		15	0.411	0.411	0.688	0.488	0.135		
Extremwerte	m <sup>3</sup> /s	I/(skm <sup>2</sup> )	3.04	10.07.1993	5.41	54.8	113	29.01.1982	10	0.391	0.391	0.671	0.459	0.126		
	I/(skm <sup>2</sup> )								8	0.389	0.389	0.662	0.450			
Extremwerte	1.	0.863	0.910	0.769	0.967	1.89	1.28	1.35	0.591	0.510	0.557	0.389	0.915	1.54	1.27	
	2.	0.216	2.19	20.08.1983	6.24	63.2	128	02.03.1987	7	0.387	0.387	0.646	0.445	0.119		
Extremwerte	3.	0.237	2.40	05.09.1991	6.00	60.8	151	01.07.1981	6	0.384	0.384	0.642	0.440	0.115		
	4.	0.249	2.52	22.08.1989	5.94	60.1	115	04.01.2003	5	0.383	0.383	0.637	0.434	0.111	</	

(\*) Abflussjahr: 1.11. des Vorjahres bis 31.10.  
, Beeinflussung durch das HRB oh.