

Gebiet : Spree

63

A_{E0} : 2269 km²

PNP : NN + 67.58 m

Lage: 231.5 km oberhalb der Mündung rechts



Pegel : Cottbus, Sandower Brücke

Nr. 5821000

Gewässer : Spree

Gebiet : Spree

m³/s

	Tag	1998		1999												
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	
Tageswerte	1.	16.3	11.6	12.5	8.73	29.0	12.5	9.85	7.92	8.19	9.29	9.01	8.46	8.73	8.19	
	2.	19.0	11.0	11.9	8.73	29.4	11.3	9.85	7.66	7.66	9.01	9.01	8.46	8.19	8.19	
	3.	23.7	10.1	11.6	8.73	31.8	11.3	9.57	7.92	7.92	9.01	9.29	8.46	10.1	6.87	
	4.	23.7	8.46	11.9	8.73	34.2	11.3	9.01	7.92	7.92	9.01	9.29	8.46	11.0	6.87	
	5.	23.3	8.46	12.2	11.0	33.8	11.3	9.29	7.66	8.19	9.01	9.01	8.46	9.85	7.13	
	6.	21.5	8.46	12.2	13.4	33.8	11.6	9.29	7.92	8.19	9.01	9.01	8.73	9.85	6.87	
	7.	19.0	8.19	11.9	12.8	33.4	11.6	9.01	7.92	8.46	9.01	10.1	9.01	10.1	6.87	
	8.	19.0	8.46	11.9	13.4	33.0	12.2	9.01	7.66	10.1	9.01	10.7	9.57	10.1	7.39	
	9.	18.0	8.46	11.6	14.4	31.3	13.1	9.01	7.39	12.2	9.29	8.73	9.57	8.19	7.65	
	10.	14.4	8.73	11.6	15.3	20.1	12.8	9.01	7.39	11.0	9.01	8.73	9.85	8.19	7.39	
	11.	14.7	8.73	11.6	16.0	11.9	12.8	9.01	7.66	11.6	8.73	9.01	9.85	8.19	7.39	
	12.	17.3	9.29	11.6	16.0	11.3	11.6	8.19	7.92	11.6	9.01	9.01	9.85	8.19	7.65	
	13.	17.3	8.73	11.0	15.7	11.3	11.0	8.46	7.66	11.3	9.01	8.46	9.01	8.19	7.39	
	14.	17.0	9.01	11.3	15.7	11.3	10.1	8.46	7.66	10.4	9.01	8.46	8.19	7.92	7.39	
	15.	17.0	9.85	11.3	15.3	11.0	9.29	8.19	7.66	10.4	9.01	8.19	7.92	7.92	7.39	
	16.	17.0	16.0	11.3	16.7	11.0	9.29	8.19	7.39	10.1	8.73	7.92	8.19	7.65	7.13	
	17.	15.7	22.2	11.6	19.4	11.0	9.01	8.46	7.39	10.1	9.29	7.92	8.19	7.65	7.13	
	18.	13.1	17.7	11.0	20.1	18.3	9.01	8.73	7.92	10.1	9.01	8.19	8.19	8.19	7.13	
	19.	13.1	17.7	11.3	22.6	26.3	9.29	8.46	8.19	9.85	9.01	7.92	7.92	8.19	7.13	
	20.	13.1	17.3	11.6	24.8	25.9	10.1	8.73	7.92	8.73	9.01	7.66	8.19	8.19	7.65	
	21.	13.1	17.3	11.3	24.8	25.9	10.4	8.73	8.19	9.57	9.01	7.92	8.46	7.92	7.13	
	22.	13.1	17.3	11.3	25.2	25.9	11.6	8.73	7.13	9.57	9.01	7.92	8.46	7.92	7.13	
	23.	12.8	16.3	11.6	27.0	25.9	12.5	8.73	7.92	10.4	9.01	7.39	8.46	7.92	7.13	
	24.	11.9	14.4	11.6	29.0	25.9	12.2	8.73	8.19	10.4	9.29	7.92	8.46	7.92	7.13	
	25.	12.2	13.7	11.6	28.6	25.5	11.9	8.73	8.46	10.4	9.29	8.46	8.46	8.19	6.87	
	26.	12.5	13.4	10.7	28.6	25.5	11.9	8.73	8.19	9.57	9.29	8.46	7.92	8.19	7.13	
	27.	12.5	13.4	9.85	29.0	25.5	10.7	8.73	8.19	8.73	9.29	8.19	8.19	8.19	7.13	
	28.	12.2	13.7	9.57	29.0	25.2	10.7	7.39	8.19	9.01	9.01	8.46	8.46	7.92	7.13	
	29.	11.9	14.4	8.73	25.5	10.1	7.66	8.19	8.73	9.01	9.01	9.01	8.46	8.19	7.13	
	30.	11.9	13.4	8.73	20.8	9.85	8.19	8.19	8.19	9.01	9.01	8.73	8.73	8.19	7.13	
	31.		12.2	8.73	13.7		8.19	8.19		9.29	9.01		8.73		7.65	
Hauptwerte	Tag	24.+	7.	29.+	1.+	15.+	17.+	28.	22.	2.	11.+	23.	15.+	16.+	3.+	
	NQ	11.9	8.19	8.73	8.73	11.0	9.01	7.39	7.13	7.66	8.73	7.39	7.92	7.65	6.87	
	MQ	15.9	12.5	11.2	18.5	23.4	11.1	8.72	7.85	9.64	9.06	8.60	8.62	8.50	7.27	
	HQ	24.8	25.5	12.5	31.8	34.6	13.7	16.3	19.7	15.0	10.4	11.3	10.7	11.0	8.19	
	Tag	2.	17.	1.	23.	3.	1.	27.	21.	8.	19.	7.	7.	4.	1.+	
	h _N mm															
	h _A mm	18	15	13	20	28	13	10	9	11	11	10	10	10	8	
	1970/1998		1971/1999 29 Jahre													
	Jahr	1997	1997	1997	1998	1998	1993	1998	1998	1998	1998	1999	1998	1997	1999	
	NQ	7.16	7.16	7.53	7.16	7.16	8.53	5.78	5.46	5.78	5.78	7.39	7.16	7.16	6.87	
	MNQ	14.8	15.6	16.6	15.0	15.8	14.7	11.8	10.9	10.9	12.1	13.0	14.4	14.6	15.2	
	MQ	18.8	21.5	22.6	20.5	21.3	19.9	16.4	13.7	14.5	15.2	15.9	17.9	18.4	21.1	
	MHQ	24.2	29.5	31.3	28.3	29.3	27.8	24.4	19.3	22.2	21.5	21.5	24.8	23.6	28.7	
	HQ	54.0	81.6	72.5	55.0	59.6	51.2	49.8	42.1	127	109	45.1	57.1	54.0	81.6	
	Jahr	1981	1974	1975	1987	1979	1980	1980	1995	1981	1981	1981	1981	1981	1974	
	1970/1998		1971/1999 29 Jahre													
	Mh _N mm															
	Mh _A mm	21	25	27	22	25	23	19	16	17	18	18	21	21	25	
Dauertabelle			Abflußjahr (*)				Kalenderjahr					Unter schreitungs dauer in Tagen		Unterschrittene Abflüsse m³/s		
			1999				1999					Abfluß-jahr (*) 1999		Kalender-jahr 1999	1971/1999 29 Kalenderjahre	
			Jahr	Datum	Winter	Sommer	Jahr	Datum				Obere Hüllwerte	Mittlere Werte	Untere Hüllwerte		
	NQ	m³/s	7.13	am 22.06.1999	8.19	7.13	6.87	am 03.12.1999								
	MQ	m³/s	12.0		15.4	8.75	11.0									
	HQ	m³/s	34.6	am 03.03.1999	34.6	19.7	34.6	am 03.03.1999								
	Nq	l/(s km²)	3.14		3.61	3.14	3.03									
	Mq	l/(s km²)	5.31		6.78	3.86	4.84									
	Hq	l/(s km²)	15.2		15.2	8.68	15.2									
	h _N	mm														
	h _A	mm	167		106	61	153									
			1971/1999 (*) 29 Jahre				1971/1999									
	NQ	m³/s	5.46	am 06.06.1998	7.16	5.46	5.46	am 06.06.1998								
	MNQ	m³/s	9.36		11.4	9.62	9.34									
	MQ	m³/s	18.2		20.8	15.6	18.1									
	MHQ	m³/s	43.9		38.4	32.6	45.2									
	HQ	m³/s	127	am 31.07.1981	81.6	127	127	am 31.07.1981								
	Extremwerte	HQ ₁	m³/s													
HQ ₅		m³/s														
MNQ		l/(s km²)	4.13		5.01	4.24	4.12									
Mq		l/(s km²)	8.01		9.16	6.88	7.98									
MHQ		l/(s km²)	19.3		16.9	14.4	19.9									
		1971/1999 (*) 29 Jahre				1971/1999										
Mh _N		mm														
Mh _A		mm	253		143	109	252									
		Niedrigwasser				Hochwasser										
		m³/s	l/(s km²)	Datum	m³/s	l/(s km²)	cm	Datum								
1		5.36	2.36	27.11.1998	127	56.0	354	31.07.1981								
2		5.46	2.40	06.06.1998	81.6	36.0	298	11.12.1974								
3		6.40	2.82	31.07.1969	73.4	32.3		20.09.1967								
4		6.45	2.84	11.06.1997	72.5	31.9	285	04.01.1975								
5	6.80	3.00	14.06.1966	66.9	29.5	236	06.01.1987									
6	6.87	3.03	03.12.1999	66.9	29.5	236	31.12.1986									
7	7.48	3.30	26.05.1993	66.6	29.3		04.04.1970									
8	7.49	3.30	05.08.1976	63.5	28.0		20.01.1968									
9	7.51	3.31	28.07.1994	61.0	26.9		26.12.1967									
10	7.62	3.36	20.06.1975	60.7	26.7	244	10.12.1981									

$$A_{E_0} : \quad 2269 \text{ km}^2$$


Pegel : Cottbus, Sandower Brücke Nr. 5821000

Gewässer : Spree

Lage: 231.5 km oberhalb der Mündung rechts

Gebiet : Spree

	Tag	1998		1999																
		Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez					
Tageswerte	1.	8.1	1.3	2.5	1.0	4.2	7.7	12.0	18.3	20.9	20.9	18.3	15.1	9.7	4.2					
	2.	7.2	1.5	2.5	1.7	4.9	8.4	12.0	18.4	21.2	20.7	18.5	14.2	10.0	4.2					
	3.	7.0	1.6	2.4	2.5	5.3	9.0	12.3	18.4	21.5	20.7	18.5	14.0	10.1	4.4					
	4.	6.7	1.4	2.4	3.0	5.6	10.0	12.5	18.5	22.0	21.0	18.4	13.4	10.0	4.4					
	5.	6.4	1.2	3.0	3.0	5.6	10.9	12.5	18.7	22.0	21.6	18.4	13.4	9.6	4.5					
	6.	6.0	1.0	3.9	2.6	5.5	11.0	13.1	19.0	21.8	22.0	18.3	13.1	9.3	4.5					
	7.	6.0	0.9	3.9	2.3	5.4	11.0	13.4	19.6	21.8	22.0	18.2	12.9	9.3	4.0					
	8.	6.2	0.9	3.8	2.2	5.5	11.5	14.0	19.6	21.9	22.2	18.2	12.8	8.9	4.6					
	9.	6.5	0.6	3.8	2.0	5.0	11.5	14.5	19.5	22.0	22.2	18.4	12.5	8.8	4.5					
	10.	6.7	0.0	3.5	1.8	4.8	11.6	14.8	19.5	22.0	22.1	18.6	12.2	8.0	4.4					
	11.	6.4	0.0	2.7	1.8	4.3	11.8	14.8	19.0	22.0	22.1	18.6	12.2	8.0	4.1					
	12.	6.0	0.8	2.7	1.6	4.3	12.0	14.6	18.9	22.0	22.0	18.5	12.0	7.3	1.0					
	13.	5.6	1.7	2.4	1.6	4.6	12.0	14.6	18.7	22.0	21.5	18.8	12.0	7.3	1.0					
	14.	5.6	2.2	2.2	1.7	4.8	11.7	14.7	18.6	22.0	21.1	18.8	11.5	6.9	3.8					
	15.	5.3	2.4	2.0	1.7	5.1	11.5	14.5	18.6	21.8	20.6	19.0	11.1	6.4	3.8					
	16.	5.0	2.7	2.0	1.8	5.1	10.9	14.3	18.8	19.7	19.1	16.7	10.7	5.7	3.5					
	17.	4.7	2.7	2.5	2.0	5.0	10.8	14.2	18.8	21.7	19.5	19.1	10.0	5.0	3.0					
	18.	4.4	2.9	2.8	2.1	4.9	10.5	14.4	18.5	21.5	19.1	19.0	9.9	5.0	2.6					
	19.	3.9	2.6	2.8	2.4	4.8	10.3	14.7	18.3	21.5	19.1	19.0	9.0	4.6	2.3					
	20.	3.1	2.0	3.0	2.4	4.8	10.5	14.7	18.3	21.5	19.2	18.8	9.7	4.1	2.0					
	21.	2.3	1.5	3.0	2.3	5.0	11.0	14.7	18.3	21.4	19.2	18.8	9.7	3.7	1.8					
	22.	1.0	1.2	3.1	2.2	5.3	11.2	16.0	18.3	21.4	19.1	18.6	9.0	3.5	1.4					
	23.	0.6	2.0	3.5	2.2	5.4	11.2	16.8	18.7	21.2	19.1	18.5	9.1	3.0	1.4					
	24.	0.4	2.1	3.6	2.4	5.2	11.6	16.8	18.9	21.2	19.0	18.3	9.4	2.8	1.5					
	25.	0.2	2.3	3.6	2.6	5.2	11.7	16.8	18.9	21.1	19.0	18.1	9.4	2.8	1.5					
	26.	0.7	2.8	3.3	2.7	5.5	11.7	16.8	18.8	21.0	18.8	17.7	9.8	3.0	1.6					
	27.	0.7	3.3	2.8	2.7	6.0	11.5	16.8	18.8	21.0	18.8	17.0	10.0	3.2	1.9					
	28.	1.0	3.3	2.3	2.9	6.2	11.5	17.0	19.0	20.9	18.5	16.6	10.0	3.2	1.9					
	29.	1.2	3.7	2.1		6.2	11.9	17.4	19.2	20.9	18.5	16.2	9.7	3.8	1.7					
	30.	1.2	3.0	2.0		6.6	12.0	17.6	19.2	21.0	18.2	16.0	9.7	4.0	1.9					
	31.		2.5	1.6		7.0		18.0		20.9	18.1		9.8		1.9					
Hauptwerte	Tag	25.	10.+	31.	1.	1.	1.	1.+	1.+	1.+	31.	30.	19.+	24.+	12.+					
	NT	0.2	0.0	1.6	1.0	4.2	7.7	12.0	18.3	20.9	18.1	16.0	9.0	2.8	1.0					
	MT	4.2	1.9	2.8	2.2	5.2	11.0	14.9	18.8	21.5	20.2	18.3	11.4	6.2	2.9					
	HT	8.1	3.7	3.9	3.0	7.0	12.0	18.0	19.6	22.0	22.2	19.1	16.7	10.1	4.6					
	Tag	1.	29.	6.+	4.+	31.	12.+	31.	7.+	4.+	8.+	16.+	16.	3.	8.					
		1988/1998		1989/1999 11 Jahre																
	Jahr	1998	1996 +	1997	1994	1993	1996	1997	1991	1993	1993 +	1996	1991	1998	1996 +					
	NT	0.2	0.0	0.0	0.1	1.9	4.7	9.6	13.4	15.0	15.6	11.0	5.4	0.2	0.0					
	MNT	3.1	1.1	1.6	1.8	4.3	7.2	12.3	16.4	18.4	17.3	13.7	7.9	3.1	1.0					
	MT	5.7	3.0	3.3	3.4	6.1	9.6	15.0	18.0	19.8	20.0	15.8	11.0	5.8	2.9					
	MHT	8.2	4.8	4.7	4.9	8.0	12.8	17.4	20.0	21.1	22.1	18.4	14.3	8.5	4.6					
	HT	12.0	7.0	6.0	9.0	11.0	16.5	19.6	21.0	24.0	24.7	23.4	16.7	12.0	7.0					
	Jahr	1989	1994	1990 +	1990	1990	1993	1993	1993	1994	1992 +	1997	1999	1989	1994					
				Abflußjahr (*)				Kalenderjahr		Dauertabelle	Unter schreitungs dauer in Tagen		Unterschrittene Temperaturen °C							
				1999				1999					Abfluß-jahr (*) 1999				Kalender-jahr 1999	1989/1999 Obere Hüllwerte	11 Kalenderjahre Mittlere Werte	Untere Hüllwerte
		Jahr	Datum	Winter		Sommer	Jahr	Datum												
	NT °C	0.0	am 10.12.1998	0.0		9.0	1.0	am 01.02.1999			(365)		22.3 22.3 24.7 24.0 20.6							
MT °C	11.1		4.6		17.5	11.3					364 22.2 22.2 24.7 23.2 20.5		22.3 22.2 24.7 23.2 20.5							
HT °C	22.2	am 08.08.1999	12.0		22.2	22.2	am 08.08.1999				362 22.1 22.1 24.1 22.5 20.2		22.1 22.1 24.0 22.1 20.1							
											361 22.1 22.1 24.1 22.5 20.2		22.1 22.1 24.0 22.1 20.1							
											359 22.1 22.1 24.0 22.1 20.1		22.1 22.1 24.0 22.1 20.1							
											358 22.1 22.1 24.0 22.1 20.0		22.1 22.1 24.0 22.1 20.0							
											357 22.1 22.1 24.0 22.1 20.0		22.1 22.1 24.0 22.1 20.0							
											356 22.1 22.1 24.0 22.1 20.0		22.1 22.1 24.0 22.1 20.0							
											350 22.0 22.0 23.3 21.1 19.9		22.0 22.0 23.3 21.1 19.9							
											340 21.6 21.6 22.2 20.4 19.2		21.6 21.6 22.2 20.4 19.2							
											330 21.1 21.1 21.4 20.1 18.6		21.1 21.1 21.4 20.1 18.6							
											320 20.7 20.7 20.7 19.6 18.3		20.7 20.7 20.7 19.6 18.3							
											300 19.1 19.1 20.1 18.6 17.3		19.1 19.1 20.1 18.6 17.3							
											270 18.6 18.6 18.8 17.1 15.9		18.6 18.6 18.8 17.1 15.9							
										240 17.0 17.0 17.4 15.2 13.2		17.0 17.0 17.4 15.2 13.2								
										210 13.1 13.1 14.5 13.0 11.9		13.1 13.1 14.5 13.0 11.9								
NT °C	0.0	am 10.12.1998	0.0		5.4	0.0	am 10.12.1998			183 11.6 11.6 12.0 10.6 8.3		11.6 11.6 12.0 10.6 8.3								
MNT °C	0.7		0.7		7.9	0.5				150 7.7 9.3 11.0 8.0 6.4		7.7 9.3 11.0 8.0 6.4								
MT °C	11.0		5.2		16.6	10.9				130 5.6 5.7 8.5 6.4 4.9		5.6 5.7 8.5 6.4 4.9								
MHT °C	22.2		13.0		22.2	22.2				120 5.2 5.2 8.4 6.1 4.5		5.2 5.2 8.4 6.1 4.5								
HT °C	24.7	am 10.08.1992	16.5		24.7	24.7	am 10.08.1992			110 4.9 4.9 7.6 5.6 3.3		4.9 4.9 7.6 5.6 3.3								
										100 4.2 4.5 7.3 5.1 3.1		4.2 4.5 7.3 5.1 3.1								
										90 3.5 4.1 7.0 5.0 2.8		3.5 4.1 7.0 5.0 2.8								
										80 3.0 3.7 7.0 4.6 2.6		3.0 3.7 7.0 4.6 2.6								
										70 2.8 3.1 5.8 4.1 2.4		2.8 3.1 5.8 4.1 2.4								
										60 2.5 2.9 5.2 3.6 2.2		2.5 2.9 5.2 3.6 2.2								
										50 2.4 2.7 5.2 3.1 2.1		2.4 2.7 5.2 3.1 2.1								
										40 2.1 2.5 4.6 2.8 1.8		2.1 2.5 4.6 2.8 1.8								
										30 1.8 2.2 4.0 2.2 1.3		1.8 2.2 4.0 2.2 1.3								
										25 1.7 2.1 3.9 2.1 1.3		1.7 2.1 3.9 2.1 1.3								
										20 1.4 2.0 3.7 1.9 1.0		1.4 2.0 3.7 1.9 1.0								
										15 1.2 1.8 3.7 1.6 1.1		1.2 1.8 3.7 1.6 1.1								
										10 1.0 1.7 3.0 1.1 0.9		1.0 1.7 3.0 1.1 0.9								
										9 0.9 1.7 3.0 1.1 0.4		0.9 1.7 3.0 1.1 0.4								
										8 0.8 1.7 3.0 1.1 0.2		0.8 1.7 3.0 1.1 0.2								
										7 0.8 1.6 3.0 1.1 0.2		0.8 1.6 3.0 1.1 0.2								
										6 0.7 1.6 3.0 1.0 0.2		0.7 1.6 3.0 1.0 0.2								
										5 0.7 1.5 3.0 0.8 0.2		0.7 1.5 3.0 0.8 0.2								
										4 0.6 1.5 3.0 0.6 0.2		0.6 1.5 3.0 0.6 0.2								
										3 0.4 1.4 3.0 0.5 0.1		0.4 1.4 3.0 0.5 0.1								
										2 0.2 1.4 3.0 0.2 0.1		0.2 1.4 3.0 0.2 0.1								
										1 0.2 1.4 3.0 0.1 0.1		0.2 1.4 3.0 0.1 0.1								
										0 0.0 1.0 2.0 0.0 0.0		0.0 1.0 2.0 0.0 0.0								
Extremwerte		Niedrigsttemperaturen				Höchsttemperaturen														
		°C	Datum		°C	Datum														
	1	-0.8	19.01.1980		24.7	31.08.1997														
	2	-0.5	01.01.1977		24.7	10.08.1992														
	3	0.0	10.12.1998		24.6	20.07.1976														
	4	0.0	24.12.1996		24.0	31.07.1994														
5	0.0	09.01.1987		23.6	30.06.1983															
6	0.0	05.02.1986		23.1	06.07.1986															
7	0.0	02.01.1985		23.0	15.07.1991															
8	0.0	01.01.1979		23.0	14.08.1972															
9	0.0	14.01.1972		22.3	07.07.1988															
10	0.0	29.12.1970		22.2	08.08.1999															

Extremwerte ab 1971

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

W s.S. 63
Q s.S. 111

LUGV Brandenburg

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