

**Abfluss**



**Vordere Frenke - Bubendorf, Talhaus**

Stationsnummer: BL 4319

Einzugsgebiet: 45.60 km<sup>2</sup>

Höhe Station: 371 m ü. M.

**Kanton Basel-Landschaft**

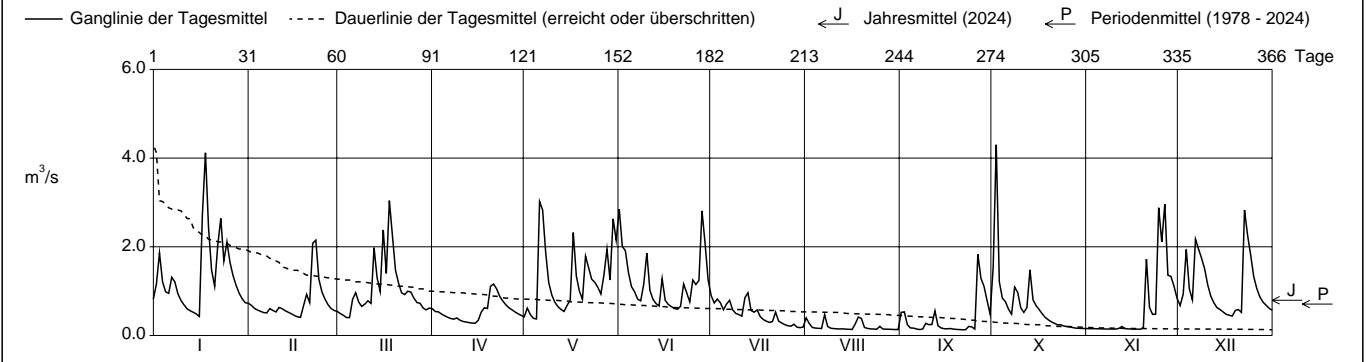
**Tiefbauamt, Geschäftsbereich Wasserbau**

Koordinaten: 2 623 422 / 1 255 512

Mittlere Höhe: 647 m ü. M.

2024	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
<b>Tagesmittel</b>	0.822	0.727	0.541	0.604	0.421	2.85 +	0.896	0.396	0.522	1.54	0.155	0.676	1
	1.16	0.679	0.494	0.540	0.616	2.01	0.734	0.269	0.532	4.30 +	0.152	0.934	2
	1.86	0.611	0.454	0.532	0.471	1.91	0.821	0.181	0.243	1.21	0.154	1.94	3
	1.21	0.573	0.405	0.484	0.386	1.42	0.736	0.167	0.170	0.842	0.151	1.05	4
	0.985	0.544	0.403 -	0.445	0.373 -	1.10	0.581	0.161	0.166	0.762	0.150	0.803	5
	0.951	0.516	0.815	0.411	3.02 +	0.987	0.708	0.157	0.146	0.593	0.147	2.17	6
	1.31	0.509	0.965	0.383	2.83	0.819	0.793	0.469+	0.134	0.481	0.145	1.95	7
	1.21	0.606	0.752	0.368	1.87	0.781	0.578	0.203	0.144	1.09	0.146	1.74	8
	0.942	0.564	0.656	0.395	1.19	1.16	0.498	0.164	0.273	0.972	0.145	1.50	9
	0.791	0.530	0.706	0.346	0.913	1.86	0.472	0.155	0.245	0.624	0.145	1.14	10
	0.690	0.631	0.782	0.317	0.747	1.02	0.435	0.150	0.247	0.520	0.159	0.887	11
	0.603	0.605	0.723	0.304	0.651	0.817	0.851	0.147	0.555	0.628	0.202	0.738	12
	0.558	0.559	1.98	0.290	0.587	0.719	0.963+	0.150	0.218	1.48	0.156	0.629	13
<b>m<sup>3</sup>/s</b>	0.523	0.524	1.30	0.280	0.542	0.665	0.564	0.142	0.170	0.803	0.149	0.586	14
	0.486	0.490	0.993	0.275 -	0.680	1.28	0.525	0.139	0.153	0.673	0.146	0.532	15
	0.429 -	0.451	2.38	0.342	0.800	0.791	0.576	0.136	0.150	0.584	0.143	0.478	16
	2.73	0.421	1.40	0.530	2.32	0.700	0.425	0.262	0.157	0.488	0.143	0.457	17
	4.12 +	0.408 -	3.04 +	0.626	1.34	0.650	0.360	0.416	0.144	0.407	0.140 -	0.437 -	18
	2.43	0.671	2.25	0.608	1.00	0.609	0.322	0.383	0.137	0.353	0.176	0.565	19
	1.47	0.927	1.47	1.11	0.817	0.591 -	0.295	0.181	0.133	0.307	1.72	0.584	20
	1.11	0.741	1.18	1.16 +	1.79	0.657	0.314	0.159	0.129 -	0.274	0.632	0.521	21
	2.03	2.08	0.961	1.05	1.53	1.16	0.526	0.149	0.130	0.240	0.476	2.83 +	22
<b>+ Maximum</b>	2.64	2.15 +	0.922	0.884	1.27	0.965	0.325	0.145	0.203	0.242	0.480	2.26	23
	1.68	1.27	0.998	0.778	1.20	0.757	0.281	0.141	0.195	0.215	2.88	1.82	24
	2.11	0.983	0.980	0.692	1.09	1.25	0.245	0.205	0.145	0.202	2.11	1.33	25
<b>- Minimum</b>	1.65	0.819	0.842	0.625	0.935	1.15	0.220	0.146	1.83 +	0.191	2.96 +	1.06	26
	1.35	0.694	0.743	0.579	1.36	1.24	0.209	0.142	1.29	0.178	1.36	0.870	27
	1.13	0.606	0.727	0.531	1.95	2.81	0.254	0.141	1.11	0.165	1.33	0.756	28
	0.952	0.564	0.620	0.489	1.25	2.08	0.187	0.137	0.790	0.162	1.11	0.685	29
	0.826		0.577	0.453	2.63	1.25	0.176 -	0.134 -	0.481	0.158	0.838	0.615	30
	0.738		0.618	2.15			0.190	0.134 -		0.156 -		0.569	31
<b>Monatsmittel</b>	1.34 +	0.740	1.02	0.548	1.25	1.20	0.486	0.196-	0.365	0.672	0.627	1.07	m <sup>3</sup> /s
<b>Maximum (Spitze)</b>	5.83 17.	3.30 22.	5.72 18.	1.43 - 20.	4.98 30.	13.6 + 28.	2.92 12.	3.04 01.	6.26 01.	12.9 02.	5.37 26.	5.98 22.	m <sup>3</sup> /s Datum

**Jahresmittel** 0.794 m<sup>3</sup>/s



Periode	1978 - 2024 (47 Jahre)												
<b>Monatsmittel</b>	0.933	0.906	0.982+	0.860	0.796	0.667	0.496	0.385	0.383-	0.498	0.655	0.946	m <sup>3</sup> /s
<b>Maximum (Spitze)</b>	13.8 - 1995	18.9 1999	18.2 2001	22.5 2006	27.3 1999	36.1 + 2021	22.6 1999	23.4 2007	22.6 2006	16.5 2012	15.9 1995	17.4 1997	m <sup>3</sup> /s Jahr
<b>Minimum (Momentanwert)</b>	0.082 2017	0.136+ 1986	0.124 2022	0.100 2017	0.096 2011	0.074 2023	0.041 2019	0.041 2003	0.024 1985	0.000- 2018	0.026 2018	0.064 1985	m <sup>3</sup> /s Jahr

**Grösstes Jahresmittel** 1.07 (2006) m<sup>3</sup>/s      **Periodenmittel** 0.708 m<sup>3</sup>/s      **Kleinstes Jahresmittel** 0.347 (2011) m<sup>3</sup>/s

<b>Dauer der Tagesmittelwerte des Abflusses (erreicht oder überschritten)</b>													
Tage	1	3	6	9	18	36	55	73	91	114	137	160	
2024	4.30	3.04	2.88	2.83	2.25	1.83	1.33	1.16	1.00	0.870	0.762	0.679	m <sup>3</sup> /s
1978 - 2024	6.20	4.50	3.51	2.95	2.19	1.52	1.17	0.979	0.838	0.700	0.600	0.524	m <sup>3</sup> /s
Tage	182	205	228	251	274	292	310	329	347	356	362	365	
2024	0.608	0.559	0.494	0.421	0.307	0.220	0.170	0.152	0.145	0.140	0.134	0.130	m <sup>3</sup> /s
1978 - 2024	0.461	0.395	0.346	0.298	0.251	0.206	0.170	0.140	0.109	0.094	0.084	0.049	m <sup>3</sup> /s

Die Abflüsse wurden auch für die Jahre 1975 bis 1977 bestimmt.

**Wasserstand**



**Vordere Frenke - Bubendorf, Talhaus**

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Einzugsgebiet: 45.60 km<sup>2</sup>

Höhe Station: 371 m ü. M.

**Kanton Basel-Landschaft**

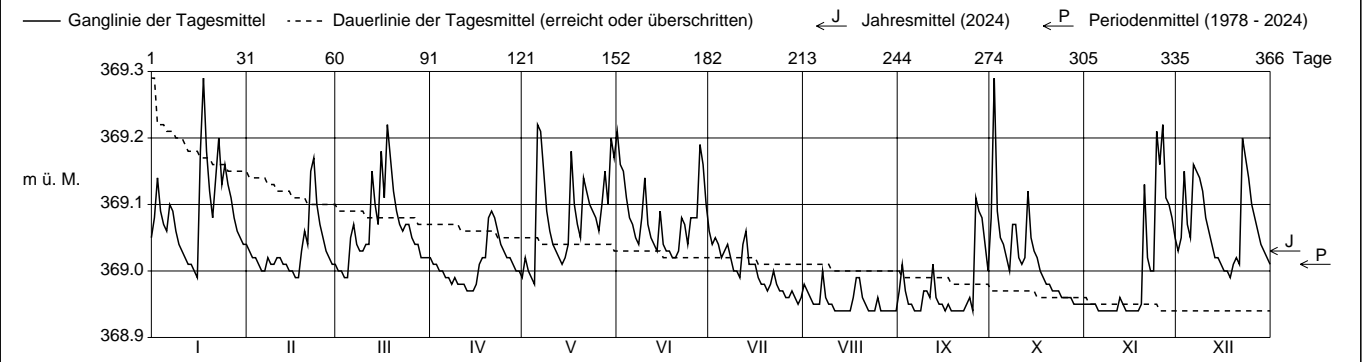
**Tiefbauamt, Geschäftsbereich Wasserbau**

Koordinaten: 2 623 422 / 1 255 512

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2024	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
<b>Tagesmittel</b>	1 369.05 2 369.08 3 369.14 4 369.09 5 369.07	369.04 369.03 369.02 369.01 369.00	369.01 369.00 368.99 - 368.99 -	369.02 369.01 369.00 368.99	368.99 369.02 369.00 368.98 -	369.21 + 369.16 369.15 369.11 369.08	369.06 + 369.04 369.05 369.04 369.02	368.98 368.97 368.96 368.95 368.95	368.97 369.01 368.97 368.95 368.95	369.08 369.29 + 369.09 369.05 369.04	368.95 368.95 368.95 368.94 -	369.03 369.05 369.15 369.07 369.05	369.07 369.03 369.12 369.08 369.04	1 2 3 4 5
	6 369.06 7 369.10 8 369.09 9 369.06 10 369.04	369.00 369.00 369.02 369.01	369.05 369.07 369.04 369.03	368.99 368.99 368.98 368.98	369.22 + 369.21 369.15 369.09 369.06	369.07 369.05 369.04 369.08 369.14	369.03 369.04 369.02 369.00 369.00	368.95 369.00 + 368.96 368.95 368.95	368.94 - 368.94 - 368.94 - 368.97 368.97	369.02 369.00 369.07 369.07 369.02	368.94 - 368.94 - 368.94 - 368.94 - 368.94 -	369.16 369.15 369.14 369.12 369.08	6 7 8 9 10	
m ü. M.	11 369.03 12 369.02 13 369.01 14 369.01 15 369.00	369.02 369.02 369.01 369.01 369.00	369.04 369.04 369.15 369.10 369.07	368.98 368.98 368.97 - 368.97 -	369.04 369.03 369.02 369.01 369.02	369.07 369.05 369.04 369.03 369.09	368.99 369.04 369.06 + 369.01 369.01	368.94 - 368.94 - 368.94 - 368.94 - 368.94 -	368.96 369.01 368.96 368.95 368.95	369.01 369.02 369.12 369.05 369.03	368.94 - 368.96 368.95 368.94 - 368.94 -	369.06 369.04 369.02 369.02 369.01	369.06 369.04 369.02 369.02 369.01	11 12 13 14 15
	16 368.99 - 17 369.18 18 369.29 + 19 369.18 20 369.12	369.00 368.99 - 368.99 - 369.03 369.06	369.18 369.11 369.22 + 369.17 369.12	368.98 369.01 369.02 369.02 369.08	369.04 369.18 369.10 369.07 369.05	369.04 369.03 369.03 369.02 - 369.02 -	369.01 368.99 368.98 368.98 368.97	368.94 - 368.96 368.99 368.99 368.96	368.94 - 369.00 368.94 - 368.94 - 368.94 -	369.02 369.00 368.99 368.98 369.13	369.02 368.94 - 368.99 368.95 369.13	369.00 369.04 369.02 369.01 369.02	369.00 369.00 369.02 369.01 369.02	16 17 18 19 20
+ Maximum	21 369.08 22 369.14 23 369.20 24 369.13 25 369.16	369.04 369.15 369.17 + 369.10 369.07	369.09 369.07 369.06 369.07 369.07	369.09 + 369.08 369.06 369.04 369.03	369.14 369.12 369.10 369.09 369.08	369.03 369.08 369.07 369.04 369.08	368.98 369.00 368.98 368.97 368.97	368.95 368.94 - 368.94 - 368.96 368.96	368.94 - 368.94 - 368.95 368.96 368.94 -	368.97 369.00 368.97 369.21 369.16	369.02 369.00 369.00 369.21 369.16	369.02 369.04 369.00 369.02 369.01	369.02 369.20 + 369.17 369.14 369.10	21 22 23 24 25
- Minimum	26 369.13 27 369.11 28 369.08 29 369.06 30 369.05 31 369.04	369.05 369.03 369.02 369.01	369.05 369.04 369.04 369.02	369.02 369.02 369.01 369.00	369.06 369.10 369.15 369.10 369.20	369.08 369.08 369.19 369.16 369.10	368.96 368.96 368.97 368.96 368.95 -	368.94 - 368.94 - 368.94 - 368.94 - 368.94 -	369.11 + 369.09 369.08 369.04 369.00	368.96 368.96 368.95 - 368.95 - 369.00	369.22 + 369.11 369.11 369.08 369.05	369.02 369.02 369.10 369.08 369.05	369.08 369.06 369.04 369.03 369.02 369.01	26 27 28 29 30 31
Monatsmittel	369.09 +	369.03	369.06	369.01	369.08	369.08	369.00	368.95 -	368.97	369.01	369.00	369.07	m ü. M.	
Maximum (Spitze)	369.39 17.	369.24 22.	369.38 18.	369.11 - 20.	369.34 30.	369.74 + 28.	369.21 12.	369.22 01.	369.41 01.	369.71 02.	369.36 26.	369.40 22.	m ü. M. Datum	

**Jahreswerte in m ü. M.** Mittel 369.03 Maximum 369.29 (18.01.2024) Minimum 368.94 (21.09.2024) Spitze 369.74 (28.06.2024)



Periode	1978 - 2024 (47 Jahre)												
Monatsmittel	369.04	369.04	369.05 +	369.03	369.02	369.00	368.98	368.97	368.96 -	368.98	369.00	369.04	m ü. M.
Maximum (Spitze)	369.68 - 2018	369.82 1999	369.81 2001	370.06 2006	370.03 1999	370.46 + 2021	369.92 1999	370.09 2007	370.06 2006	369.85 2012	369.74 1995	369.78 1997	m ü. M. Jahr
Minimum (Momentanwert)	368.90 2017	368.92 + 1986	368.92 + 1986	368.92 + 2017	368.92 + 2011	368.90 2023	368.89 2019	368.89 2003	368.89 1985	368.84 - 2018	368.88 2018	368.90 1985	m ü. M. Jahr

**Grösstes Jahresmittel** 369.05 (2012) m ü. M. **Periodenmittel** 369.01 m ü. M. **Kleinste Jahresmittel** 368.97 (2011) m ü. M.

Dauer der Tagesmittelwerte des Wasserstandes (erreicht oder überschritten)													
Tage	1	3	6	9	18	36	55	73	91	114	137	160	
2024	369.29	369.22	369.21	369.20	369.17	369.14	369.10	369.08	369.07	369.05	369.04	369.03	m ü. M.
1978 - 2024	369.40	369.31	369.26	369.22	369.17	369.12	369.08	369.06	369.04	369.02	369.01	369.00	m ü. M.
Tage	182	205	228	251	274	292	310	329	347	356	362	365	
2024	369.02	369.01	369.00	368.99	368.98	368.96	368.95	368.95	368.94	368.94	368.94	368.94	m ü. M.
1978 - 2024	368.99	368.98	368.97	368.96	368.95	368.95	368.94	368.93	368.92	368.91	368.90	368.89	m ü. M.