

**Abfluss**



**Hintere Frenke - Bubendorf, Morgental**

Stationsnummer: BL 4309

Einzugsgebiet: 38.20 km<sup>2</sup>

Höhe Station: 352 m ü. M.

**Kanton Basel-Landschaft**

**Tiefbauamt, Geschäftsbereich Wasserbau**

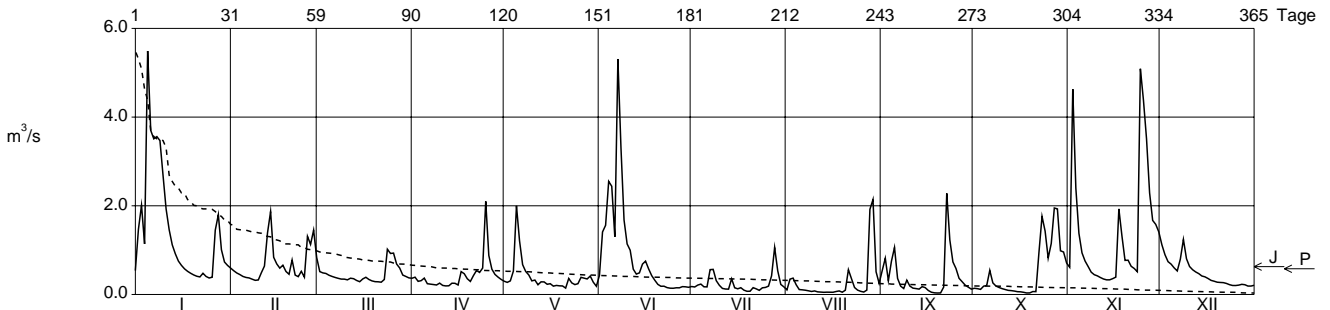
Koordinaten: 2 622 278 / 1 256 550

Mittlere Höhe: 603 m ü. M.

2025		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	0.539	0.595	0.833	0.366	0.299	0.430	0.179	0.103	0.538	0.140	0.614	1.12	1
	2	1.47	0.536	0.516	0.390	0.273	1.41	0.169	0.346	0.817	0.131	4.63	0.897	2
	3	2.01	0.485	0.487	0.296	0.306	1.56	0.212	0.369	0.310	0.115	2.40	0.740	3
	4	1.14	0.449	0.474	0.312	0.528	2.55	0.234	0.220	0.749	0.187	1.38	0.684	4
	5	5.49 +	0.407	0.434	0.369	2.00 +	2.44	0.173	0.111	1.06	0.203	0.939	0.599	5
	6	3.70	0.384	0.407	0.243	1.21	1.30	0.105	0.105	0.362	0.543	0.755	0.531	6
	7	3.51	0.373	0.384	0.233	0.673	5.31 +	0.560	0.096	0.188	0.261	0.631	0.797	7
	8	3.56	0.345	0.364	0.224	0.519	3.31	0.566	0.083	0.134	0.191	0.503	1.24 +	8
	9	3.47	0.319 -	0.347	0.214	0.441	1.68	0.312	0.068	0.322	0.158	0.446	0.806	9
	10	2.69	0.327	0.346	0.256	0.307	1.14	0.208	0.080	0.189	0.132	0.420	0.631	10
m <sup>3</sup> /s	11	1.93	0.491	0.330	0.204	0.325	0.998	0.137	0.059	0.143	0.112	0.382	0.558	11
	12	1.46	0.641	0.367	0.193 -	0.219	0.571	0.123	0.054	0.133	0.093	0.349	0.508	12
	13	1.12	1.39	0.356	0.196	0.285	0.460	0.120	0.049 -	0.121	0.087	0.330 -	0.470	13
	14	0.918	1.87 +	0.316	0.254	0.283	0.487	0.354	0.052	0.177	0.077	0.330 -	0.417	14
	15	0.754	0.839	0.288	0.252	0.230	0.685	0.151	0.051	0.154	0.063	0.357	0.398	15
	16	0.656	0.690	0.351	0.214	0.243	0.752	0.128	0.050	0.090	0.060	0.391	0.361	16
	17	0.578	0.594	0.388	0.515	0.188	0.577	0.153	0.067	0.051	0.049	1.93	0.318	17
	18	0.522	0.660	0.338	0.469	0.204	0.425	0.098	0.080	0.037	0.034 -	1.32	0.299	18
	19	0.478	0.519	0.306	0.355	0.195	0.322	0.072 -	0.051	0.033 -	0.035	0.769	0.277	19
	20	0.440	0.456	0.289	0.294	0.192	0.228	0.073	0.096	0.035	0.066	0.773	0.271	20
	+ Maximum	21	0.411	0.778	0.286	0.426	0.144 -	0.185	0.154	0.558	0.167	0.064	0.636	0.267
22		0.396	0.437	0.277 -	0.541	0.361	0.187	0.127	0.356	2.28 +	0.951	0.586	0.249	22
23		0.478	0.402	0.338	0.497	0.261	0.155	0.093	0.157	1.23	1.76	0.514	0.221	23
24		0.407	0.522	1.02 +	0.596	0.223	0.142	0.150	0.098	0.735	1.43	5.09 +	0.203	24
25		0.372 -	0.391	0.925	2.10 +	0.243	0.140 -	0.159	0.071	0.586	0.821	4.38	0.202	25
- Minimum	26	0.389	1.31	0.933	0.880	0.387	0.151	0.188	0.055	0.365	1.15	3.51	0.211	26
	27	1.45	1.13	0.687	0.570	0.368	0.150	0.420	0.099	0.288	1.95 +	2.29	0.229	27
	28	1.80	1.45	0.597	0.453	0.350	0.177	1.06 +	1.92	0.211	1.93	1.67	0.220	28
	29	1.01	0.438	0.392	0.416	0.173	0.536	0.173	2.14 +	0.165	0.985	1.58	0.190 -	29
	30	0.732	0.407	0.340	0.276	0.162	0.227	0.512	0.121	0.121	0.958	1.41	0.190 -	30
	31	0.655	0.374	0.374	0.186	0.186	0.186	0.172	0.251	0.251	0.709	0.709	0.207	31
Monatsumme	1.44 +	0.671	0.458	0.421	0.392	0.942	0.241 -	0.271	0.393	0.498	1.38	0.462	m <sup>3</sup> /s	
Maximum (Spitze)	8.27 05.	3.16 13.	2.22 24.	3.20 25.	3.24 05.	11.5 04.	3.45 27.	4.74 29.	3.88 22.	4.20 23.	8.60 24.	1.74 07.	m <sup>3</sup> /s Datum	

**Jahresmittel** 0.628 m<sup>3</sup>/s

— Ganglinie der Tagesmittel    - - - - Dauerlinie der Tagesmittel (erreicht oder überschritten)    ← J Jahresmittel (2025)    ← P Periodenmittel (1984 - 2025)



Periode	1984 – 2025 (42 Jahre)												
Monatsumme	0.798	0.712	0.790	0.756	0.640	0.544	0.375	0.262 -	0.284	0.394	0.604	0.809 +	m <sup>3</sup> /s
Maximum (Spitze)	8.53 - 1995	14.8 1999	17.6 2001	21.1 2006	24.9 1999	23.2 2021	19.0 2012	30.1 + 2007	15.3 2006	15.8 2012	16.0 1995	12.8 2010	m <sup>3</sup> /s Jahr
Minimum (Momentanwert)	0.045 2017	0.084 1989	0.093 + 1986	0.009 2025	0.014 2025	0.039 2025	0.002 - 2025	0.017 2025	0.016 1984	0.021 2025	0.042 2024	0.025 1986	m <sup>3</sup> /s Jahr

**Grösstes Jahresmittel** 0.952 (1999) m<sup>3</sup>/s      **Periodenmittel** 0.580 m<sup>3</sup>/s      **Kleinstes Jahresmittel** 0.283 (1989) m<sup>3</sup>/s

Dauer der Tagesmittelwerte des Abflusses (erreicht oder überschritten)													
Tage	1	3	6	9	18	36	55	73	91	114	137	160	
2025	5.49	5.09	3.70	3.51	2.14	1.45	1.06	0.806	0.660	0.543	0.478	0.407	m <sup>3</sup> /s
1984 - 2025	5.29	3.81	3.07	2.68	2.02	1.42	1.04	0.826	0.682	0.548	0.447	0.372	m <sup>3</sup> /s
Tage	182	205	228	251	274	292	310	329	347	356	362	365	
2025	0.368	0.330	0.286	0.228	0.192	0.171	0.142	0.099	0.066	0.051	0.035	0.033	m <sup>3</sup> /s
1984 - 2025	0.311	0.259	0.216	0.183	0.157	0.137	0.122	0.103	0.082	0.068	0.053	0.028	m <sup>3</sup> /s

**Wasserstand**



**Hintere Frenke - Bubendorf, Morgental**

Stationsnummer: BL 4309

Einzugsgebiet: 38.20 km<sup>2</sup>

Höhe Station: 352 m ü. M.

**Kanton Basel-Landschaft**

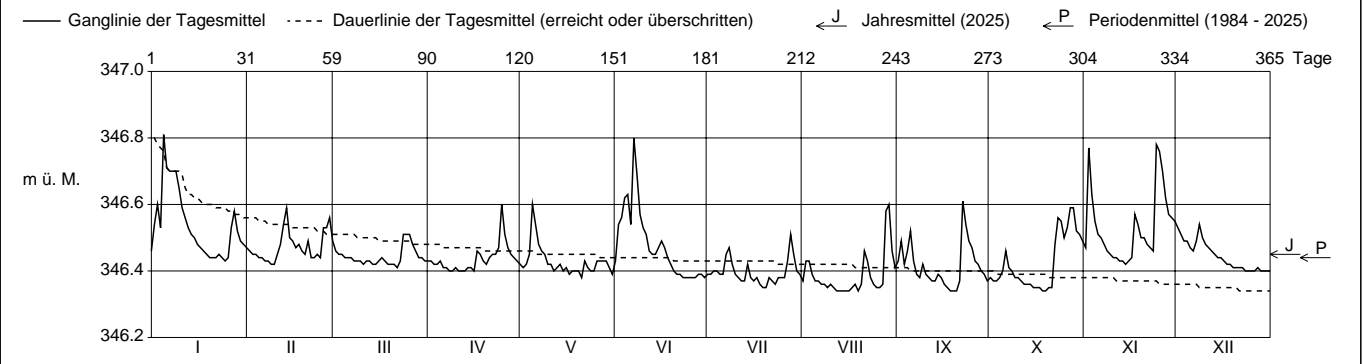
Tiefbauamt, Geschäftsbereich Wasserbau

Koordinaten: 2 622 278 / 1 256 550

Mittlere Höhe: 603 m ü. M.

2025	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
<b>Tagesmittel</b>	1 346.46 2 346.54 3 346.60 4 346.53 5 346.81 +	346.47 346.46 346.45 346.45 346.44	346.49 346.46 346.45 346.45 346.44	346.43 346.43 346.42 346.42 346.43	346.42 346.41 346.42 346.45 346.60 +	346.43 346.54 346.56 346.62 346.63	346.39 346.39 346.40 346.40 346.39	346.37 346.39 346.43 346.42 346.37	346.43 346.49 346.42 346.46 346.52	346.38 346.37 346.37 346.38 346.40	346.47 346.77 346.63 346.55 346.51	346.53 346.51 346.49 346.49 346.47	
	6 346.71 7 346.70 8 346.70 9 346.70 10 346.65	346.44 346.43 346.43 346.42 346.42	346.44 346.44 346.43 346.43 346.43	346.41 346.41 346.40 - 346.40 - 346.41	346.54 346.48 346.46 346.45 346.42	346.54 346.80 + 346.69 346.57 346.53	346.39 346.45 346.47 346.42 346.39	346.37 346.36 346.36 346.35 346.36	346.43 346.39 346.38 346.42 346.39	346.46 346.41 346.40 346.38 346.38	346.50 346.48 346.46 346.45 346.44	346.46 346.49 346.54 + 346.50 346.48	
m ü. M.	11 346.59 12 346.56 13 346.53 14 346.51 15 346.50	346.45 346.48 346.54 346.59 + 346.50	346.42 346.43 346.43 346.42 346.42	346.40 - 346.40 - 346.41 346.41 346.41	346.42 346.40 346.41 346.42 346.40	346.51 346.46 346.45 346.45 346.47	346.38 346.37 346.37 346.34 - 346.38	346.35 346.37 346.34 - 346.39 346.34 -	346.38 346.37 346.37 346.39 346.38	346.37 346.36 346.36 346.36 346.35	346.44 346.43 346.43 346.42 346.43	346.47 346.46 346.45 346.44 346.44	11 12 13 14 15
	16 346.48 17 346.47 18 346.46 19 346.45 20 346.44	346.49 346.47 346.48 346.46 346.45	346.43 346.44 346.43 346.42 346.42	346.40 - 346.45 346.43 346.42 346.42	346.41 346.39 346.40 346.40 346.40	346.49 346.47 346.44 346.42 346.40	346.37 346.38 346.36 346.35 - 346.36	346.34 - 346.35 346.34 - 346.34 - 346.36	346.36 346.35 346.34 - 346.34 - 346.34 -	346.35 346.35 346.34 - 346.34 - 346.35	346.44 346.57 346.54 346.50 346.50	346.43 346.42 346.42 346.41 346.41	16 17 18 19 20
+ Maximum	21 346.44 22 346.44 23 346.45 24 346.44 25 346.43 -	346.49 346.44 346.44 346.45 346.44	346.42 346.41 346.43 346.51 + 346.51 +	346.44 346.45 346.45 346.47 346.60 +	346.38 346.43 346.41 346.40 346.40	346.39 346.39 346.38 346.38 346.38	346.39 346.37 346.36 346.38 346.38	346.46 346.37 346.36 346.38 346.35	346.37 346.35 346.61 + 346.54 346.49	346.37 346.35 346.48 346.56 346.55	346.35 346.35 346.48 346.46 346.50	346.48 346.47 346.46 346.78 + 346.47	21 22 23 24 25
- Minimum	26 346.44 27 346.53 28 346.58 29 346.52 30 346.49 31 346.48	346.53 346.48 346.56 346.45 346.44	346.51 + 346.48 346.46 346.44 346.44	346.51 + 346.47 346.45 346.44 346.43	346.43 346.43 346.43 346.43 346.41 346.39	346.38 346.38 346.38 346.38 346.38 346.39	346.38 346.38 346.38 346.38 346.38 346.39	346.38 346.43 346.51 + 346.45 346.40	346.35 346.36 346.58 346.60 + 346.46	346.43 346.42 346.40 346.39 346.37	346.53 346.59 + 346.59 + 346.52 346.51	346.70 346.62 346.40 346.56 346.55	26 27 28 29 30 31
Monatsmittel	346.54 +	346.47	346.44	346.44	346.43	346.48	346.40	346.39 -	346.42	346.42	346.53	346.44	m ü. M.
Maximum (Spitze)	346.95 05.	346.68 13.	346.62 24.	346.68 25.	346.68 05.	347.09 + 04.	346.70 27.	346.78 29.	346.73 22.	346.75 23.	346.97 24.	346.58 - 07.	m ü. M. Datum

**Jahreswerte in m ü. M.** Mittel 346.45 Maximum 346.81 (05.01.2025) Minimum 346.34 (19.09.2025) Spitze 347.09 (04.06.2025)



Periode	1984 – 2025 (42 Jahre)												
Monatsmittel	346.48 +	346.47	346.48 +	346.47	346.46	346.44	346.41	346.40 -	346.40 -	346.42	346.45	346.48 +	m ü. M.
Maximum (Spitze)	346.95 - 2025	347.14 1999	347.22 2001	347.43 2006	347.38 1999	347.49 2021	347.36 2012	347.70 + 2007	347.23 2006	347.25 2012	347.17 1995	347.14 2010	m ü. M. Jahr
Minimum (Momentanwert)	346.35 2017	346.36 2025	346.37 + 1986	346.31 2025	346.32 2025	346.34 1989	346.30 - 2025	346.32 1984	346.32 1984	346.33 2025	346.34 2024	346.33 1986	m ü. M. Jahr

**Grösstes Jahresmittel** 346.49 (1999) m ü. M. **Periodenmittel** 346.44 m ü. M. **Kleinste Jahresmittel** 346.41 (1989) m ü. M.

<b>Dauer der Tagesmittelwerte des Wasserstandes (erreicht oder überschritten)</b>													
Tage	1	3	6	9	18	36	55	73	91	114	137	160	
2025	346.81	346.78	346.71	346.70	346.60	346.55	346.52	346.50	346.48	346.46	346.45	346.44	m ü. M.
1984 - 2025	346.80	346.72	346.67	346.64	346.60	346.55	346.52	346.50	346.48	346.46	346.45	346.43	m ü. M.
Tage	182	205	228	251	274	292	310	329	347	356	362	365	
2025	346.43	346.42	346.42	346.40	346.40	346.39	346.38	346.36	346.35	346.34	346.34	346.34	m ü. M.
1984 - 2025	346.42	346.41	346.40	346.40	346.39	346.38	346.37	346.37	346.36	346.35	346.35	346.33	m ü. M.