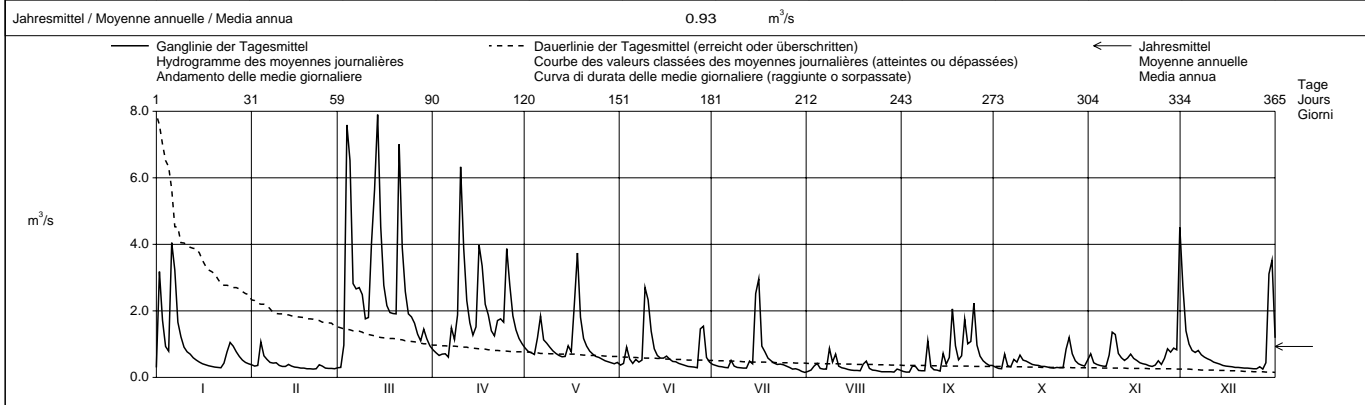


Abfluss Débit Portata	Vordere Frenke - Bubendorf, Talhaus	BL 319
Koordinaten Coordonnées Coordinate	623 420 / 255 510	Höhe Altitude Altitudine
		371.0 m ü.M. m s.m. m s.m.
		Fläche Surface Superficie
		45.60 km ²
	Mittlere Höhe Altitude moyenne Altitudine media	647.0 m ü.M. m s.m. m s.m.
		Vergletscherung Extension glacier Ghiacciaio
		0.00 %

2001	Jan./Janv. Genn.	Feb./Févr. Febr.	März/Mars Marzo	April/Avril Aprile	Mai/Mai Maggio	Juni/Juin Giugno	Juli/Juillet Luglio	Aug./Août Agosto	Sept./Sept. Sett.	Okt./Oct. Ott.	Nov./Nov. Nov.	Dez./Déc. Dic.	
1	0.30	0.38	0.29 -	0.83	0.88	0.37	0.39	0.18	0.18	0.31	0.71	2.74	1
2	3.18	0.34	0.30	0.74	0.78	0.42	0.36	0.22	0.16 -	0.27	0.44	1.40	2
3	1.72	0.36	0.97	0.66	0.74	0.91	0.33	0.34	0.16 -	0.26 -	0.39	1.00	3
4	0.93	1.07 +	7.59	0.70	0.69	0.55	0.32	0.42	0.34	0.70	0.36	0.81	4
5	0.79	0.65	6.52	0.71	1.19	0.42	0.30	0.27	0.33	0.35	0.34	0.75	5
Tagesmittel													
Moyenne journalière	4.05 +	0.54	2.82	0.61 -	1.84	0.54	0.29	0.25	0.21	0.32	0.33 -	0.81	6
7	3.23	0.45	2.66	1.49	1.13	0.46	0.51	0.25	0.20	0.54	0.67	0.68	7
Media giornaliera	1.66	0.43	2.70	1.14	1.03	0.52	0.34	0.87 +	0.20	0.46	1.36	0.61	8
9	1.22	0.44	2.49	1.88	0.91	2.70 +	0.30	0.46	1.10	0.67	1.29	0.56	9
10	0.91	0.36	1.76	6.33 +	0.80	2.33	0.29	0.70	0.32	0.52	0.72	0.52	10
11	0.77	0.33	1.80	3.88	0.72	1.39	0.28	0.34	0.23	0.49	0.59	0.46	11
12	0.70	0.33	4.04	2.31	0.66	0.86	0.28	0.29	0.22	0.44	0.51	0.43	12
13	0.59	0.39	5.65	1.64	0.62	0.66	0.49	0.27	0.19	0.39	0.58	0.40	13
14	0.52	0.34	7.90 +	1.27	0.63	0.58	0.41	0.24	0.72	0.37	0.70	0.36	14
m³/s	0.46	0.31	4.53	1.52	0.95	0.58	2.52	0.22	0.40	0.36	0.57	0.34	15
16	0.41	0.30	2.77	3.98	0.77	0.64	2.96 +	0.21	0.60	0.33	0.51	0.33	16
17	0.38	0.28	2.16	3.35	2.20	0.55	0.94	0.21	2.06	0.30	0.44	0.32	17
18	0.35	0.28	1.95	2.20	3.74 +	0.48	0.77	0.20	0.95	0.31	0.41	0.30	18
19	0.33	0.26	1.92	1.88	1.81	0.47	0.58	0.40	0.53	0.29	0.39	0.30	19
20	0.31	0.26	1.91	1.40	1.17	0.42	0.50	0.49	0.65	0.28	0.35	0.29	20
21	0.30	0.25 -	7.01	1.25	0.94	0.39	0.43	0.27	1.75	0.30	0.33 -	0.28	21
22	0.29	0.26	3.91	1.71	0.79	0.36	0.39	0.22	1.01	0.29	0.37	0.28	22
23	0.43	0.38	2.58	1.76	0.70	0.33	0.40	0.21	1.08	0.29	0.50	0.27	23
+ Maximum	0.77	0.34	1.91	1.66	0.63	0.32	0.38	0.19	2.23 +	0.85	0.39	0.26	24
Massimo	1.05	0.28	1.82	3.87	0.60	0.31	0.34	0.17	0.97	1.20 +	0.57	0.26	25
26	0.94	0.27	1.63	2.77	0.55	0.29	0.30	0.17	0.64	0.71	0.86	0.32	26
- Minimum	0.77	0.27	1.30	1.85	0.50	1.46	0.25	0.17	0.50	0.50	0.76	0.25 -	27
Minimo	0.63	0.26	1.10	1.43	0.47	1.54	0.26	0.17	0.42	0.41	0.88	0.44	28
29	0.52	0.26	1.45	1.17	0.44	0.60	0.23	0.16 -	0.36	0.37	0.83	3.11	29
30	0.45	0.26	1.16	1.01	0.41 -	0.46	0.18	0.25	0.36	0.34	4.51 +	3.52 +	30
31	0.41	0.26	0.95	0.95	0.45	0.45	0.15 -	0.22	0.36	0.52	1.19	0.31	31

Monatsmittel Moyenne mensuelle Media mensile	0.95	0.37	2.82 +	1.90	0.96	0.73	0.53	0.29 -	0.64	0.44	0.72	0.76	m ³ /s
Maximum / Massimo (Spitze / Pointe / Punta) Datum / Date / Data	9.20 2.	1.60 - 4.	18.2 + 14.	8.40 10.	7.10 18.	9.60 27.	7.00 15.	2.90 8.	5.10 21.	1.90 31.	6.80 30.	6.80 30.	m ³ /s
Jahresmittel / Moyenne annuelle / Media annua	0.93 m ³ /s												



Periode / Période / Periodo	1978 - 2001 (24 Jahre / années / anni)													
Monatsmittel Moyenne mensuelle Media mensile	0.96	1.01	1.12 +	0.97	0.89	0.76	0.58	0.42 -	0.45	0.57	0.70	0.97	m ³ /s	
Maximum / Massimo (Spitze / Pointe / Punta) Jahr / Année / Anno	13.8 1995	19.0 1999	18.2 2001	13.2 1992	28.0 + 1999	27.0 1987	23.0 1999	11.7 - 1982	16.3 1987	12.2 1990	15.9 1995	17.4 1997	m ³ /s Dat.	
Minimum / Minimo (Tagesmittel / Moyenne journ. / Media giornal.)	0.17 1997	0.14 1986	0.16 1986	0.18 + 1997	0.15 1998	0.13 1989	0.10 1998	0.09 1992	0.02 - 1985	0.03 1985	0.08 1985	0.06 1985	m ³ /s Dat.	
Größtes Jahresmittel Moyenne annuelle la plus grande La più grande media annua	1.07 (1982) m ³ /s			Mittlerer Abfluss Débit moyen Portata media				0.78 m ³ /s					Kleinstes Jahresmittel Moyenne annuelle la plus petite La più piccola media annua	
													0.45 (1989) m ³ /s	

Dauer der Abflüsse (erreicht oder überschritten) / Débits classés (atteints ou dépassés) / Durata delle portate (raggiunte o sorpassate)													
Tage / Jours / Giorni	1	3	6	9	18	36	55	73	91	114	137	160	
2001	7.90	7.01	5.65	4.05	3.23	2.20	1.66	1.22	0.97	0.79	0.70	0.58	m ³ /s
1978 - 2001	6.52	4.52	3.46	2.97	2.24	1.63	1.26	1.07	0.94	0.79	0.68	0.59	m ³ /s
Tage / Jours / Giorni	182	205	228	251	274	292	310	329	347	356	362	365	
2001	0.51	0.44	0.39	0.36	0.33	0.30	0.28	0.26	0.21	0.18	0.16	0.15	m ³ /s
1978 - 2001	0.52	0.47	0.41	0.36	0.32	0.29	0.26	0.21	0.16	0.12	0.09	0.04	m ³ /s

Kanton Basel-Landschaft, Tiefbauamt, Hauptabteilung Wasserbau
Landeshydrologie und -geologie

Die Abflussmengen wurden auch für die Jahre 1975 - 1977 bestimmt.

Wasserstand
Niveau d'eau
Livello d'acqua

Vordere Frenke - Bubendorf, Talhaus

BL 319

Koordinaten
Coordonnées
Coordinate 623 420 / 255 510

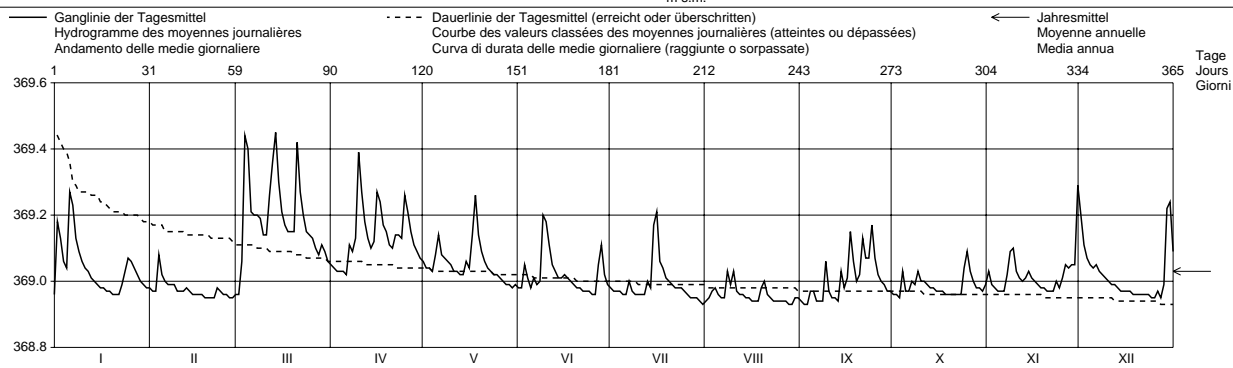
Höhe
Altitude
Altitudine 371.0 m ü.M.
m s.m.
m s.m.

Fläche
Surface
Superficie 45.60 km²

Mittlere Höhe
Altitude moyenne
Altitudine media 647.0 m ü.M.
m s.m.
m s.m.

Vergletscherung
Extension glacier
Ghiacciaio 0.00 %

2001		Jan./Janv. Genn.	Feb./Févr. Febr.	März/Mars Marzo	April/Avril Aprile	Mai/Mai Maggio	Juni/Juin Giugno	Juli/Juillet Luglio	Aug./Août Agosto	Sept./Sept. Sett.	Okt./Ott. Ott.	Nov./Nov. Nov.	Dez./Déc. Dic.	
Tagesmittel	1	368.96 -	368.98	368.96 -	369.05	369.06	368.98	368.98	368.94	368.94	368.96	369.03	369.20	1
	2	369.18	368.97	368.96 -	369.04	369.04	368.98	368.97	368.95	368.93 -	368.96	368.99	369.11	2
Moyenne journalière	3	369.13	368.97	369.06	369.03	369.04	369.05	368.97	368.97	368.93 -	368.95 -	368.98	369.07	3
	4	369.06	369.08 +	369.44	369.03	369.03	369.01	368.97	368.98	368.97	369.03	368.97 -	369.05	4
Media giornaliera	5	369.04	369.02	369.40	369.03	369.08	368.98	368.96	368.96	368.97	368.97	368.97 -	369.04	5
	6	369.27 +	369.00	369.21	369.02 -	369.14	369.01	368.96	368.95	368.94	368.97	368.97 -	369.05	6
+ Maximum Massimo	7	369.23	368.99	369.20	369.11	369.08	368.99	369.00	368.95	368.94	369.00	369.02	369.03	7
	8	369.13	368.99	369.20	369.09	369.07	369.00	368.97	369.03	368.94	368.99	369.09	369.02	8
- Minimum Minimo	9	369.09	368.99	369.19	369.13	369.06	369.20 +	368.96	368.99	369.06	369.03	369.10	369.01	9
	10	369.06	368.97	369.14	369.39 +	369.05	369.18	368.96	369.03 +	368.97	369.00	369.03	369.00	10
m ü.M. m s.m.	11	369.04	368.97	369.14	369.27	369.03	369.11	368.96	368.97	368.95	369.00	369.01	368.99	11
	12	369.03	368.97	369.26	369.18	369.03	369.05	368.96	368.96	368.95	368.99	369.00	368.99	12
+ Maximum Massimo	13	369.01	368.98	369.36	369.13	369.02	369.03	369.00	368.96	368.94	368.98	369.01	368.98	13
	14	369.00	368.97	369.45 +	369.10	369.02	369.01	368.98	368.95	369.03	368.98	369.03	368.97	14
- Minimum Minimo	15	368.99	368.96	369.30	369.12	369.06	369.01	369.17	368.95	368.98	368.97	369.01	368.97	15
	16	368.98	368.96	369.21	369.27	369.04	369.02	369.21 +	368.94	369.01	368.97	369.00	368.97	16
+ Maximum Massimo	17	368.98	368.96	369.17	369.24	369.14	369.01	369.06	368.94	369.15	368.97	368.99	368.97	17
	18	368.97	368.96	369.15	369.17	369.26 +	369.00	369.04	368.94	369.06	368.96	368.98	368.96	18
- Minimum Minimo	19	368.97	368.95 -	369.15	369.15	369.14	368.99	369.01	368.98	369.00	368.96	368.98	368.96	19
	20	368.96 -	368.95 -	369.15	369.11	369.09	368.98	369.00	369.00	369.02	368.96	368.97 -	368.96	20
+ Maximum Massimo	21	368.96 -	368.95 -	369.42	369.10	369.06	368.98	368.99	368.96	369.13	368.96	368.97 -	368.96	21
	22	368.96 -	368.95 -	369.27	369.14	369.04	368.97	368.98	368.95	369.07	368.96	368.97 -	368.96	22
- Minimum Minimo	23	368.99	368.98	369.20	369.14	369.03	368.97	368.98	368.94	369.07	368.96	369.00	368.96	23
	24	369.03	368.97	369.15	369.13	369.02	368.97	368.98	368.94	369.17 +	369.04	368.98	368.95 -	24
+ Maximum Massimo	25	369.07	368.96	369.14	369.26	369.02	368.96 -	368.97	368.94	369.07	369.09 +	369.01	368.95 -	25
	26	369.06	368.96	369.13	369.21	369.01	368.96 -	368.96	368.94	369.02	369.03	369.05	368.97	26
- Minimum Minimo	27	369.04	368.95 -	369.10	369.15	369.00	369.05	368.95	368.94	369.00	369.00	369.04	368.95 -	27
	28	369.02	368.95 -	369.08	369.11	368.99	369.11	368.95	368.93 -	368.99	368.98	369.05	368.99	28
+ Maximum Massimo	29	369.00	368.95 -	369.11	369.09	368.99	369.02	368.95	368.93 -	368.97	368.98	369.05	369.22	29
	30	368.99	368.95 -	369.09	369.07	368.98	368.99	368.94	368.95	368.97	368.97	369.29 +	369.24 +	30
- Minimum Minimo	31	368.98	368.96	369.06	369.07	368.99	368.99	368.93 -	368.95	368.97	368.99	369.09	369.09	31
	Monatsmittel Moyenne mensuelle Media mensile	369.04	368.97	369.19 +	369.13	369.05	369.02	368.99	368.96 -	369.00	368.99	369.02	369.02	m ü.M. m s.m.
Maximum / Massimo (Spitze / Pointe / Punta) Datum / Date / Data	369.51 2.	369.12 - 4.	369.81 + 14.	369.48 10.	369.42 18.	369.53 27.	369.42 15.	369.21 8.	369.33 21.	369.15 31.	369.41 30.	369.41 30.	m ü.M. m s.m.	
Minimum / Minimo (Momentan / momen- tané / momentaneo)	368.95 22.	368.95 21.	368.95 1.	369.01 + 4., 6.	368.98 31.	368.95 27.	368.93 31.	368.92 - 30.	368.92 - 4.	368.94 23.	368.96 22.	368.94 24.	m ü.M. m s.m.	
Jahresmittel / Moyenne annuelle / Media annua	369.03											m ü.M. m s.m.		



Periode / Période / Periodo		1978 - 2001 (24 Jahre / années / anni)												
Monatsmittel Moyenne mensuelle Media mensile	369.04	369.04	369.06 +	369.05	369.03	369.01	368.99	368.97 -	368.97 -	368.99	369.00	369.04	m ü.M. m s.m.	
Maximum / Massimo (Spitze / Pointe / Punta) Jahr / Année / Anno	369.68 1995	369.82 1999	369.81 2001	369.66 1992	370.03 + 1999	370.00 1987	369.92 1999	369.70 1982	369.77 1987	369.65 - 1990	369.74 1995	369.78 1997	m ü.M. m s.m. Dat.	
Minimum / Minimo (Momentan / momen- tané / momentaneo)	368.93 + 1997	368.92 1986	368.92 1986	368.93 + 1997	368.92 1998	368.91 1989	368.91 1998	368.89 - 1986	368.89 - 1985	368.89 - 1985	368.90 1985	368.90 1985	m ü.M. m s.m. Dat.	
Größtes Jahresmittel Moyenne annuelle la plus grande La più grande media annua	369.05 (1982)		m ü.M. m s.m.		Mittlerer Wasserstand Niveau d'eau moyen Livello d'acqua medio		369.01		m ü.M. m s.m.		Kleinstes Jahresmittel Moyenne annuelle la plus petite La più piccola media annua		368.97 (1989) m ü.M. m s.m.	

Dauer der Wasserstände (erreicht oder überschritten) / Niveaux d'eau classés (atteints ou dépassés) / Durata dei livelli d'acqua (raggiunte o sorpassate)													
Tage / Jours / Giorni	1	3	6	9	18	36	55	73	91	114	137	160	
2001	369.45	369.42	369.36	369.27	369.23	369.17	369.13	369.09	369.06	369.04	369.03	369.01	m ü.M. m s.m.
1978 - 2001	369.42	369.32	369.27	369.23	369.18	369.13	369.09	369.07	369.05	369.03	369.02	369.00	m ü.M. m s.m.
Tage / Jours / Giorni	182	205	228	251	274	292	310	329	347	356	362	365	
2001	369.00	368.99	368.98	368.97	368.97	368.96	368.96	368.95	368.94	368.94	368.93	368.93	m ü.M. m s.m.
1978 - 2001	368.99	368.98	368.97	368.97	368.96	368.95	368.95	368.94	368.93	368.92	368.91	368.89	m ü.M. m s.m.