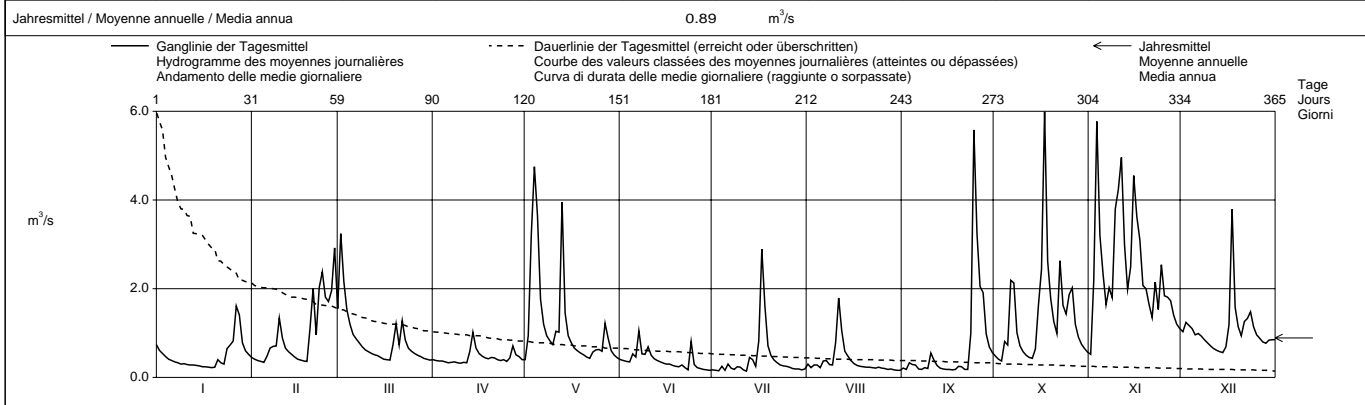


Abfluss Débit Portata	Vordere Frenke - Bubendorf, Talhaus				BL 319			
	Koordinaten Coordonnées Coordinate	623 420 / 255 510	Höhe Altitude Altitudine	371.0	m ü.M. m s.m. m s.m.	Fläche Surface Superficie	45.60	km ²
			Mittlere Höhe Altitude moyenne Altitudine media	647.0	m ü.M. m s.m. m s.m.	Vergletscherung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

2002	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.	
Tagesmittel	0.74	0.45	1.55	0.40	0.40	0.40	0.17	0.30	0.21	0.48	0.52	1.03	1
	0.61	0.41	3.24 +	0.38	0.94	0.38	0.16	0.22	0.18	0.41	2.19	1.24	2
	0.54	0.38	2.16	0.37	3.23	0.36	0.15	0.28	0.33	0.37 -	5.77 +	1.17	3
	0.47	0.36	1.52	0.37	4.75 +	0.35	0.25	0.28	0.29	0.81	3.20	1.10	4
	0.41	0.34 -	1.20	0.35	3.65	0.53	0.16	0.22	0.28	0.73	2.35	0.96	5
Moyenne journalière	0.38	0.48	0.97	0.33	1.76	0.46	0.30	0.37	0.19	2.19	1.64	0.99	6
	0.35	0.66	0.87	0.34	1.20	1.05 +	0.21	0.38	0.18	2.13	2.02	0.93	7
Media giornaliera	0.33	0.70	0.78	0.35	0.94	0.53	0.18	0.29	0.22	1.01	1.80	0.85	8
	0.30	0.71	0.69	0.33	0.83	0.52	0.24	0.28	0.20	0.71	3.80	0.78	9
	0.31	1.34	0.62	0.32 -	0.74	0.69	0.23	0.78	0.55	0.58	4.24	0.71	10
	0.29	0.89	0.58	0.34	1.04	0.50	0.17	1.79 +	0.39	0.50	4.96	0.65	11
	0.28	0.66	0.54	0.33	1.02	0.42	0.14 -	1.05	0.27	0.45	3.00	0.61	12
	0.28	0.58	0.51	0.59	3.95	0.38	0.45	0.59	0.21	0.43	1.99	0.56	13
	0.27	0.52	0.49	1.02 +	1.45	0.35	0.40	0.48	0.19	0.64	2.49	0.56	14
m³/s	0.26	0.46	0.45	0.66	0.94	0.32	0.25	0.38	0.18	1.63	4.55	0.69	15
	0.24	0.41	0.41	0.54	0.78	0.30	0.82	0.31	0.18	2.44	3.63	1.19	16
	0.24	0.39	0.40	0.48	0.66	0.30	2.89 +	0.27	0.17 -	5.99 +	3.10	3.79 +	17
	0.23	0.37	0.39 -	0.44	0.60	0.27	1.61	0.25	0.18	2.62	2.07	1.58	18
	0.22	0.36	0.74	0.42	0.55	0.25	0.71	0.24	0.25	1.77	2.00	1.14	19
	0.23	1.11	1.21	0.45	0.51	0.24	0.49	0.23	0.24	1.26	1.64	0.94	20
	0.40	2.01	0.73	0.44	0.46	0.28	0.23	0.23	0.18	0.99	1.35	1.26	21
	0.33	0.96	1.28	0.40	0.43	0.22	0.33	0.22	0.18	2.63	2.15	1.33	22
	0.30	2.03	0.84	0.38	0.57	0.17	0.28	0.21	1.00	1.62	1.53	1.48	23
+ Maximum	0.65	2.38	0.66	0.40	0.62	0.81	0.26	0.23	5.58 +	1.43	2.54	1.14	24
Massimo	0.73	1.81	0.59	0.36	0.63	0.29	0.25	0.21	3.25	1.87	1.84	0.96	25
	0.82	1.71	0.54	0.44	0.59	0.22	0.23	0.20	2.05	2.02	1.81	0.88	26
- Minimum	1.61 +	1.95	0.50	0.71	1.22	0.20	0.20	0.18	1.91	1.20	1.73	0.80	27
Minimo	1.41	2.92 +	0.47	0.51	0.88	0.18	0.19	0.19	0.98	0.91	1.40	0.77	28
	0.78		0.43	0.47	0.60	0.17	0.19	0.17	0.69	0.75	1.20	0.84	29
	0.60		0.41	0.40	0.50	0.16 -	0.17	0.16 -	0.56	0.65	1.10	0.85	30
	0.52		0.39 -		0.44		0.19	0.16 -		0.57		0.85	31

Monatsmittel Moyenne mensuelle Media mensile	0.49	0.98	0.84	0.44	1.19	0.38	0.41	0.36 -	0.71	1.35	2.45 +	1.05	m ³ /s
Maximum / Massimo (Spitze / Pointe / Punta) Datum / Date / Data	3.90 27.	5.10 28.	4.20 2.	1.20 - 14.	9.10 4.	2.40 24.	7.60 17.	2.40 11.	9.10 24.	8.80 17.	11.6 + 9.	6.90 17.	m ³ /s
Jahresmittel / Moyenne annuelle / Media annua	0.89 m ³ /s												



Periode / Période / Periodo	1978 - 2002												(25 Jahre / années / anni)	
Monatsmittel Moyenne mensuelle Media mensile	0.94	1.01	1.11 +	0.95	0.90	0.74	0.57	0.42 -	0.46	0.60	0.77	0.98	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 journal. / 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			0.79			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)	1	3	6	9	18	36	55	73	91	114	137	160	
2002	5.99	5.58	4.55	3.80	3.00	2.02	1.63	1.26	1.03	0.85	0.71	0.61	m ³ /s
1978 - 2002	6.49	4.53	3.53	3.00	2.28	1.64	1.27	1.08	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	
2002	0.53	0.46	0.40	0.37	0.32	0.28	0.24	0.21	0.18	0.17	0.16	0.14	m ³ /s
1978 - 2002	0.52	0.47	0.41	0.36	0.32	0.29	0.26	0.21	0.16	0.13	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

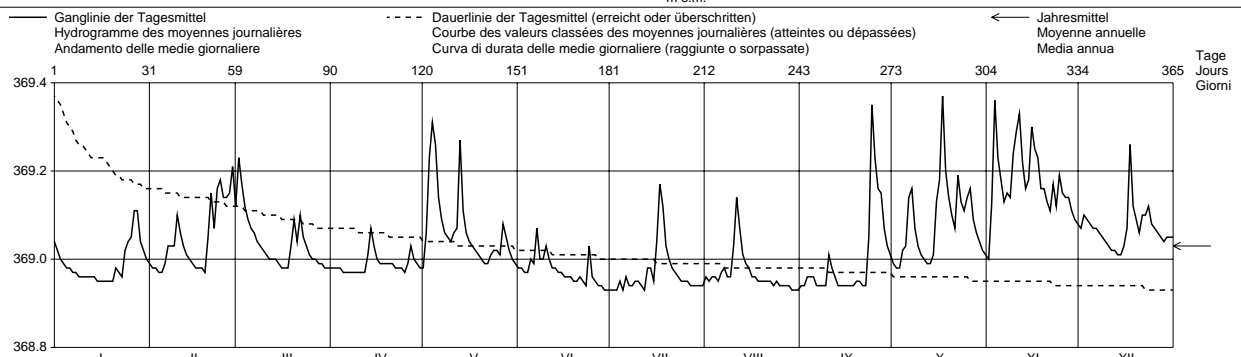
Höhe
Altitude
Altitudine 371.0 m ü.M.
m s.m.
m s.m.

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 %

2002		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./Okt. Ott.	Nov./Nov. Nov.	Dez./Déc. Dic.	
Tagesmittel	1	369.04	368.99	369.12	368.98	368.98	368.98	368.93	368.96	368.94	368.99	369.00	369.07	1
	2	369.02	368.98	369.23 +	368.98	369.06	368.98	368.93	368.95	368.94	368.98	369.13	369.10	2
	3	369.00	368.98	369.17	368.98	368.23	368.97	368.93	368.96	368.96	368.98	369.36	369.09	3
	4	368.99	368.97	369.12	368.98	369.31 +	368.97	368.95	368.96	368.96	369.02	369.23	369.08	4
	5	368.98	368.97	369.09	368.97	369.26	369.00	368.93	368.95	368.96	369.03	369.18	369.07	5
Moyenne journalière	6	368.98	368.99	369.07	368.97	369.14	368.99	368.96	368.97	368.94	369.14	369.13	369.07	6
	7	368.97	369.03	369.06	368.97	369.09	369.07 +	368.94	368.98	368.94	369.16	369.15	369.06	7
	8	368.97	369.03	369.04	368.97	369.06	369.00	368.94	368.96	368.94	369.07	369.14	369.05	8
Media giornaliera	9	368.96	369.03	369.03	368.97	369.05	369.00	368.95	368.96	368.94	369.03	369.24	369.04	9
	10	368.96	369.01	369.02	368.97	369.04	369.03	368.95	369.03	369.01	369.01	369.29	369.03	10
	11	368.96	369.06	369.01	368.97	369.06	369.00	368.94	369.14 +	368.98	369.00	369.33	369.02	11
	12	368.96	369.03	369.00	368.97	369.07	368.98	368.93	369.07	368.96	368.99	369.22	369.02	12
	13	368.96	369.01	369.00	369.01	369.27	368.98	368.93	369.01	368.94	368.99	369.16	369.01	13
	14	368.96	369.00	369.00	369.07 +	369.11	368.97	368.98	368.99	368.94	369.01	369.18	369.01	14
m ü.M. m s.m.	15	368.95	368.99	368.99	369.03	369.06	368.97	368.95	368.98	368.94	369.13	369.30	369.03	15
	16	368.95	368.98	368.98	369.00	369.04	368.96	369.04	368.96	368.94	369.18	369.25	369.07	16
	17	368.95	368.98	368.98	368.99	369.03	368.96	369.17 +	368.96	368.94	369.37 +	369.23	369.26 +	17
	18	368.95	368.98	368.98	368.99	369.02	368.96	369.12	368.95	368.94	369.20	369.16	369.12	18
	19	368.95	368.97	369.03	368.99	369.01	368.95	369.03	368.95	368.95	369.14	369.16	369.09	19
	20	368.95	369.05	369.09	368.99	369.00	368.95	369.00	368.95	368.95	369.10	369.13	369.06	20
	21	368.98	369.15	369.04	368.99	368.99	368.96	368.98	368.95	368.94	369.07	369.11	369.10	21
	22	368.97	369.07	369.10	368.98	368.99	368.95	368.97	368.95	368.94	369.19	369.17	369.10	22
	23	368.96	369.16	369.05	368.98	369.01	368.94	368.96	368.94	369.05	369.13	369.12	369.12	23
+ Maximum Massimo	24	369.02	369.18	369.03	368.98	369.02	369.03	368.95	368.95	369.35 +	369.11	369.19	369.08	24
	25	369.04	369.14	369.01	368.97	369.02	368.96	368.95	368.94	369.23	369.14	369.15	369.07	25
- Minimum Minimo	26	369.05	369.14	369.00	368.99	369.01	368.95	368.95	368.94	369.16	369.16	369.14	369.06	26
	27	369.11 +	369.15	369.00	369.03	369.08	368.94	368.94	368.94	369.15	369.09	369.14	369.05	27
	28	369.11 +	369.21 +	368.99	369.00	369.05	368.94	368.94	368.94	369.07	369.06	369.11	369.04	28
	29	369.04		368.99	368.99	368.02	368.93	368.94	368.93	369.03	369.04	369.09	369.05	29
	30	369.02		368.98	368.98	369.00	368.93	368.94	368.93	369.01	369.02	369.08	369.05	30
	31	369.00		368.98	368.98	368.99	368.93	368.94	368.93	369.01	369.02	369.08	369.05	31
Monatsmittel Moyenne mensuelle Media mensile		368.99	369.05	369.04	368.99	369.07	368.97	368.97	368.97	369.00	369.08	369.18 +	369.07	m ü.M. m s.m.
Maximum / Massimo (Spitze / Pointe / Punta) Datum / Date / Data		369.27 27.	369.33 28.	369.28 2.	369.09 14.	369.51 4.	369.18 24.	369.45 17.	369.18 11.	369.51 24.	369.50 17.	369.60 + 9.	369.42 17.	m ü.M. m s.m.
Minimum / Minimo (Momentan / momen- tané / momentaneo)		368.94 20.	368.95 5.	368.97 13.	368.93 10.	368.95 30.	368.91 30.	368.89 2.	368.92 31.	368.92 14.	368.97 4.	368.99 2.	369.00 + 14.	m ü.M. m s.m.
Jahresmittel / Moyenne annuelle / Media annua		369.03 m ü.M. m s.m.												



Periode / Période / Periodo		1978 – 2002 (25 Jahre / années / anni)															
Monatsmittel Moyenne mensuelle Media mensile		369.04	369.04	369.06 +	369.04	369.03	369.01	368.99	368.97 -	368.97 -	368.99	369.01	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 2002	368.89 - 2002	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			369.02			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	
2002	369.37	369.35	369.30	369.26	369.22	369.16	369.13	369.10	369.07	369.05	369.03	369.02	m ü.M. m s.m.
1978 - 2002	369.41	369.33	369.27	369.24	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	
2002	369.00	368.99	368.98	368.98	368.96	368.96	368.95	368.94	368.94	368.93	368.93	368.93	m ü.M. m s.m.
1978 - 2002	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.