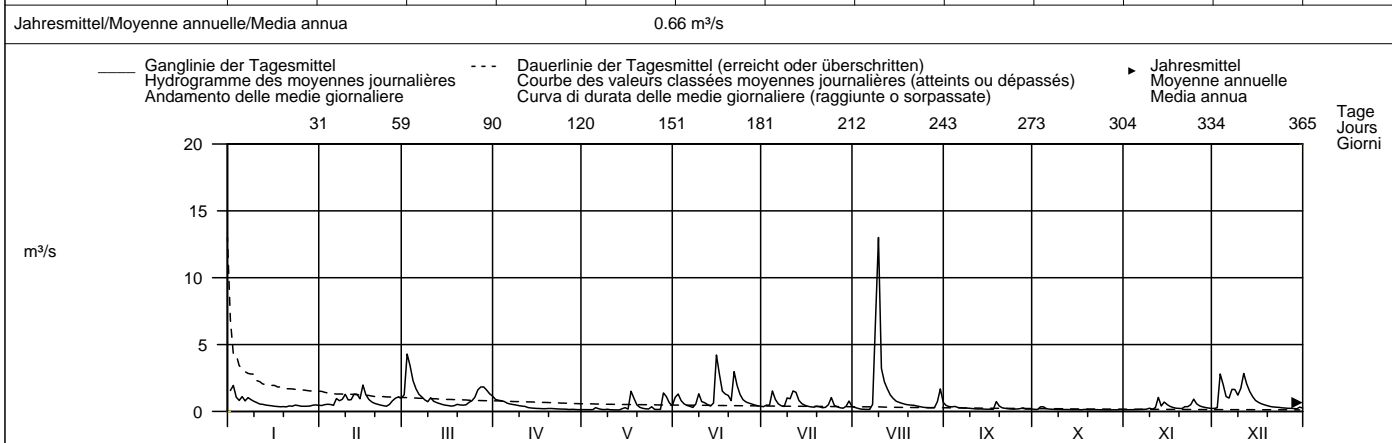


Abfluss	Hintere Frenke - Bubendorf, Morgental											BL 4309
Débit	Koordinaten	622270 / 256550	Höhe	352 m ü.M.	Fläche	38.2 km²	Mittlere Höhe	603 m ü.M.	Vergletscherung	-		
Portata	Coordonnées		Altitude		Superficie		Altitude moyenne		Extension glacier	%		
									Ghiacciaio			

2007	Jan./Janv. Genn.	Febr./Févr. Febbr.	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	1.56	0.44	1.25	0.90 +	0.13	1.06	0.36	0.30	0.44	0.16	0.12 -	0.22	1
	1.94 +	0.51	4.29 +	0.84	0.13	1.30	0.47	0.23	0.36	0.14	0.13	0.27	2
	1.06	0.53	3.42	0.80	0.13	0.81	0.46	0.18	0.34	0.34	0.13	2.80	3
	0.82	0.52	2.30	0.74	0.13	0.57	0.39	0.16	0.37	0.35 +	0.13	2.02	4
	1.11	0.45	1.70	0.61	0.28	0.45	0.90 +	0.15 -	0.29	0.21	0.14	1.11	5
Moyenne journalière	0.79	0.96	1.28	0.55	0.20	0.38	0.57	0.15 -	0.26	0.17	0.15	1.00	6
	1.03	0.80	1.08	0.51	0.15	0.29 -	0.42	0.52	0.25	0.16	0.15	1.65	7
Media giornaliera	0.88	0.91	0.86	0.48	0.14	0.56	0.37	6.85	0.25	0.15	0.17	1.64	8
	0.75	1.28	0.72	0.43	0.16	1.32	1.01	13.0 +	0.23	0.15	0.24	1.21	9
	0.66	0.86	1.02	0.40	0.13	0.73	0.95	3.22	0.21	0.15	0.17	1.73	10
	0.55	0.88	0.76	0.38	0.12	0.65	1.53 +	2.22	0.19	0.14	0.28	2.84 +	11
	0.53	1.30	0.66	0.29	0.11 -	0.51	1.43	1.69	0.18	0.14	1.05 +	2.05	12
	0.48	1.29	0.59	0.26	0.11 -	0.40	0.82	1.24	0.18	0.14	0.41	1.50	13
m³/s	0.45	0.94	0.52	0.24	0.20	0.62	0.58	0.97	0.17	0.13	0.70	1.11	14
	0.42	1.98 +	0.46	0.22	0.28	4.22 +	0.46	0.77	0.16 -	0.13	0.51	0.82	15
	0.39	1.24	0.44	0.22	0.18	2.79	0.39	0.68	0.17	0.13	0.37	0.68	16
	0.37	0.90	0.40 -	0.20	1.51 +	1.52	0.34	0.60	0.16 -	0.13	0.30	0.57	17
	0.35	0.71	0.43	0.20	0.98	1.30	0.32	0.54	0.74 +	0.15	0.24	0.49	18
	0.36	0.60	0.53	0.22	0.49	1.20	0.39	0.49	0.40	0.13	0.23	0.43	19
	0.34 -	0.54	0.48	0.22	0.31	0.81	0.35	0.47	0.27	0.13	0.21	0.37	20
	0.41	0.47	0.47	0.20	0.23	2.97	0.27	0.46	0.23	0.14	0.35	0.33	21
	0.39	0.43	0.50	0.19	0.19	1.95	0.31	0.41	0.20	0.13	0.36	0.32	22
	0.47	0.39 -	0.67	0.18	0.18	1.27	0.50	0.36	0.18	0.12	0.50	0.30	23
	0.44	0.52	0.80	0.17	0.35	0.88	1.04	0.32	0.17	0.12	0.92	0.27	24
	0.39	0.79	1.07	0.17	0.15	0.71	0.46	0.29	0.18	0.12	0.57	0.25	25
+Maximum Massimo	0.38	0.98	1.61	0.14	0.14	0.62	0.35	0.27	0.20	0.11 -	0.42	0.23	26
	0.39	1.08	1.83	0.16	0.15	0.55	0.27	0.27	0.27	0.12	0.34	0.23	27
- Minimum Minimo	0.40	0.98	1.83	0.15	1.38	0.48	0.24 -	0.28	0.18	0.12	0.29	0.22	28
	0.47	1.60	1.60	0.12 -	1.11	0.42	0.38	0.73	0.18	0.12	0.25	0.19 -	29
	0.49	1.32	1.32	0.14	0.65	0.38	0.78	1.68	0.18	0.13	0.22	0.32	30
	0.46	1.15	1.15		0.43		0.38	0.67		0.13		0.25	31
Monatsmittel Moyenne mensuelle Media mensile	0.63	0.83	1.16	0.34	0.35	1.06	0.60	1.30 +	0.25	0.15 -	0.34	0.88	m³/s
Maximum/Massimo Spitze/Pointe/Punta Datum/Date/Data	3.82 1.	2.88 15.	7.00 2.	1.01 - 1.	2.45 28.	10.8 15.	2.52 4.	30.1 + 8.	1.23 18.	2.42 3.	1.99 12.	6.32 3.	m³/s
Jahresmittel/Moyenne annuelle/Media annua	0.66 m³/s												



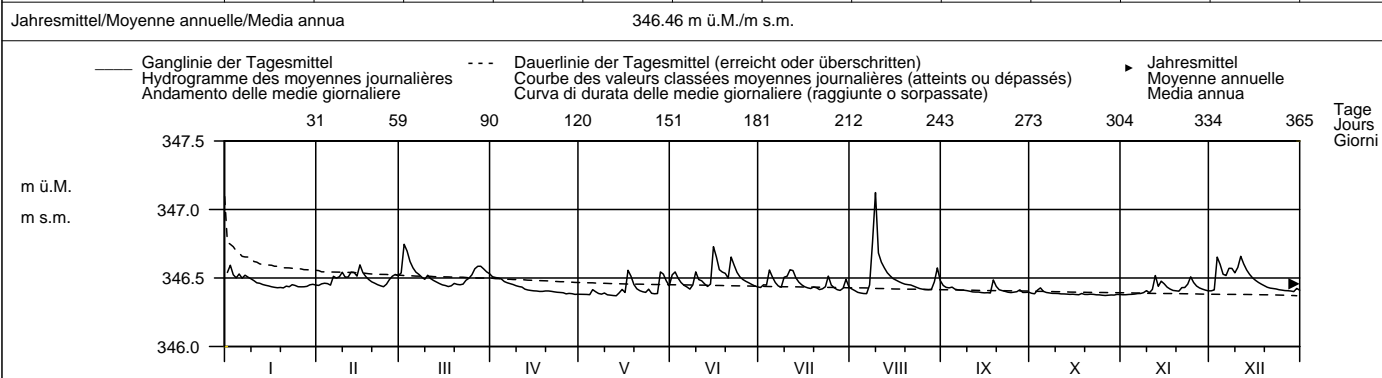
Periode/Période/Periodo	1984 - 2007 (24 Jahre/années/anni)													
Monatsmittel Moyenne mensuelle Media mensile	0.76	0.74	0.92 +	0.90	0.69	0.56	0.37	0.29 -	0.35	0.46	0.63	0.76	m³/s	
Maximum/Massimo Spitze/Point/Punta Jahr/Année/Anno	8.53 - 1995	14.8 1999	17.6 2001	21.1 2006	24.9 1999	19.6 1990	18.1 1997	30.1 + 2007	15.3 2006	10.5 2002	16.0 1995	12.0 1997	m³/s	
Min./Tagesmitt./Moy. jour./Media giorno Jahr/Année/Anno	0.10 1989	0.09 1989	0.10 1986	0.12 + 1996	0.10 1989	0.06 1989	0.05 2003	0.00 - 1984	0.04 1984	0.06 1986	0.07 1985	0.04 1986	m³/s	
Grösstes Jahresmittel Moy. annuelle la plus grande La più grande media annua	0.96 (1999) m³/s			Mittlerer Abfluss Débit moyen Portata media				0.62 m³/s			Kleinstes Jahresmittel Moy. annuelle la plus petite La più piccola media annua		0.28 (1989) m³/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					
2007	13.0	4.29	3.22	2.80	1.83	1.32	1.08	0.92	0.80	0.62	0.52	0.46	m³/s				
1984 - 2007	6.13	3.78	3.09	2.75	2.10	1.51	1.16	0.92	0.75	0.60	0.49	0.40	m³/s				
Tage/Jours/Giorni	182	205	228	251	274	292	310	329	347	356	362	365					
2007	0.41	0.37	0.31	0.26	0.22	0.18	0.16	0.14	0.13	0.12	0.12	0.11	m³/s				
1984 - 2007	0.34	0.28	0.24	0.20	0.17	0.15	0.13	0.11	0.09	0.08	0.07	0.02	m³/s				

Kanton Basel-Landschaft, Tiefbauamt, Geschäftsbereich Wasserbau
Bundesamt für Umwelt, Abteilung Hydrologie

Wasserstand	Hintere Frenke - Bubendorf, Morgental								BL 4309					
Niveau d'eau	Koordinaten	622270 / 256550		Höhe	352 m ü.M.		Fläche	38.2 km ²		Mittlere Höhe	603 m ü.M.		Vergletscherung	- %
Livello d'acqua	Coordonnées			Altitudine			Superficie			Altitudine moyenne			Extension glacier	
										Altitudine media			Ghiacciaio	

2007	Jan./Janv. Genn.	Febr./Févr. Febbr.	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	1 346.54	346.45	346.54	346.51 +	346.38	346.52	346.43	346.42	346.45	346.39	346.38 -	346.41	1
	2 346.59 +	346.46	346.75 +	346.50	346.38	346.54	346.45	346.41	346.43	346.38	346.38 -	346.41	2
	3 346.52	346.46	346.70	346.50	346.38	346.50	346.45	346.40	346.43	346.41	346.38 -	346.65	3
	4 346.50	346.46	346.62	346.49	346.38	346.47	346.56 +	346.39 -	346.43	346.43 +	346.38 -	346.60	4
	5 346.53	346.45	346.57	346.47	346.42	346.45	346.51	346.39 -	346.42	346.40	346.38 -	346.53	5
Moyenne journalière	6 346.50	346.51	346.54	346.47	346.40	346.43	346.47	346.39 -	346.41	346.39	346.39	346.52	6
	7 346.52	346.50	346.53	346.46	346.39	346.42 -	346.44	346.45	346.41	346.39	346.39	346.57	7
Media giornaliera	8 346.51	346.51	346.51	346.45	346.38	346.45	346.43	346.76	346.41	346.39	346.39	346.57	8
	9 346.49	346.54	346.49	346.44	346.39	346.54	346.51	347.12 +	346.41	346.39	346.41	346.54	9
	10 346.48	346.51	346.52	346.44	346.38	346.49	346.51	346.68	346.40	346.39	346.39	346.58	10
	11 346.46	346.51	346.50	346.43	346.37 -	346.48	346.56 +	346.62	346.40	346.38	346.42	346.66 +	11
	12 346.46	346.54	346.48	346.42	346.37 -	346.46	346.55	346.57	346.40	346.38	346.52 +	346.60	12
m ü.M.	13 346.45	346.54	346.47	346.41	346.37 -	346.44	346.50	346.54	346.40	346.38	346.44	346.56	13
	14 346.45	346.51	346.46	346.41	346.39	346.46	346.47	346.52	346.39 -	346.38	346.48	346.53	14
m s.m.	15 346.44	346.60 +	346.45	346.41	346.42	346.73 +	346.45	346.50	346.39 -	346.38	346.46	346.50	15
	16 346.44	346.54	346.45	346.41	346.39	346.65	346.44	346.48	346.39 -	346.38	346.43	346.48	16
	17 346.43 -	346.51	346.44 -	346.40	346.56 +	346.56	346.43	346.47	346.39 -	346.38	346.42	346.47	17
	18 346.43 -	346.49	346.44 -	346.40	346.51	346.54	346.42	346.46	346.49 +	346.39	346.41	346.46	18
	19 346.43 -	346.47	346.46	346.41	346.45	346.53	346.43	346.46	346.44	346.38	346.41	346.44	19
	20 346.43 -	346.46	346.45	346.41	346.42	346.50	346.43	346.45	346.41	346.38	346.40	346.43	20
	21 346.44	346.45	346.45	346.40	346.41	346.65	346.42	346.45	346.41	346.38	346.43	346.43	21
	22 346.44	346.44 -	346.46	346.40	346.40	346.59	346.42	346.44	346.40	346.38	346.43	346.42	22
	23 346.45	346.44 -	346.48	346.40	346.40	346.54	346.44	346.43	346.40	346.38	346.46	346.42	23
	24 346.45	346.45	346.50	346.39	346.42	346.51	346.51	346.42	346.39 -	346.38	346.51	346.41	24
	25 346.44	346.49	346.52	346.39	346.39	346.49	346.45	346.42	346.40	346.37 -	346.47	346.41	25
+Maximum Massimo	26 346.44	346.51	346.57	346.38 -	346.39	346.48	346.43	346.42	346.40	346.37 -	346.44	346.41	26
	27 346.44	346.53	346.59	346.39	346.39	346.47	346.42	346.41	346.41	346.37 -	346.43	346.41	27
- Minimum Minimo	28 346.44	346.52	346.59	346.39	346.54	346.45	346.41 -	346.42	346.39 -	346.38	346.42	346.41	28
	29 346.45		346.57	346.38 -	346.53	346.44	346.43	346.47	346.39 -	346.38	346.41	346.40 -	29
	30 346.45		346.55	346.38 -	346.48	346.44	346.49	346.57	346.40	346.38	346.41	346.42	30
	31 346.45		346.53		346.44		346.43	346.48		346.38		346.41	31
Monatsmittel Moyenne mensuelle Media mensile	346.47	346.49	346.52 +	346.42	346.42	346.51	346.46	346.50	346.41	346.38 -	346.42	346.49	m ü.M. m s.m.
Maximum/Massimo Spitze/Pointe/Punta Datum/Date/Data	346.72 1.	346.66 15.	346.90 2.	346.52 - 1.	346.63 28.	347.06 15.	346.64 4.	347.70 + 8.	346.54 18.	346.63 3.	346.60 12.	346.86 3.	m ü.M. m s.m.
Minimum/Minimo Momentan/momentan. Datum/Date/Data	346.39 1.	346.43 + 24.	346.43 + 18.	346.38 28.	346.37 - 14.	346.41 7.	346.40 29.	346.38 5.	346.39 16.	346.37 - 26.	346.37 - 1.	346.40 29.	m ü.M. m s.m.
Jahresmittel/Moyenne annuelle/Media annua	346.46 m ü.M./m s.m.												



Periode/Période/Periodo	1984 - 2007 (24 Jahre/années/anni)														
Monatsmittel Moyenne mensuelle Media mensile	346.47	346.47	346.49 +	346.49 +	346.46	346.45	346.42	346.40 -	346.41	346.43	346.45	346.47	m ü.M. m s.m.		
Maximum/Massimo Spitze/Pointe/Punta Jahr/Année/Anno	346.93 - 1986	347.14 1999	347.22 2001	347.43 2006	347.38 1999	347.29 1990	347.23 1997	347.70 + 2007	347.23 2006	347.00 2002	347.17 1995	347.09 2006	m ü.M. m s.m.		
Minimum/Minimo Momentan/momentan. Jahr/Année/Anno	346.37 + 1990	346.36 1989	346.37 + 1986	346.37 + 1996	346.37 + 2007	346.34 1989	346.34 1989	346.32 - 1984	346.32 - 1984	346.34 1985	346.35 1985	346.33 1986	m ü.M. m s.m.		
Grösstes Jahresmittel Moy. annuelle la plus grande La più grande media annua	346.49 (1999) m ü.M./m s.m.			Mittlerer Wasserstand Niveau d'eau moyen Livello medio dell'acqua				346.45 m ü.M./m s.m.			Kleinstes Jahresmittel Moy. annuelle la plus petite La più piccola media annua			346.41 (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		
2007	347.12	346.75	346.68	346.65	346.59	346.54	346.53	346.51	346.50	346.47	346.46	346.45		m ü.M.
1984 - 2007	346.79	346.70	346.66	346.64	346.60	346.56	346.53	346.51	346.49	346.47	346.45	346.44		m s.m.
Tage/Jours/Giorni	182	205	228	251	274	292	310	329	347	356	362	365		
2007	346.44	346.43	346.42	346.41	346.41	346.40	346.39	346.38	346.38	346.38	346.37	346.37		m ü.M.
1984 - 2007	346.43	346.42	346.41	346.40	346.39	346.39	346.38	346.38	346.36	346.36	346.35	346.32		m s.m.

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