

Hydrological data from the Federal Office for the Environment FOEN: *Explanations of the annual tables*

Rivers

[Annual table for discharge](#)

[Annual table for water level](#)

[Annual table for water temperature](#)

Groundwater

[Annual table for spring discharge](#)

[Annual table for groundwater level](#)

[Annual table for groundwater temperature](#)

[Annual table for groundwater electrical conductivity](#)



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Bundesamt für Umwelt BAFU

Rivers

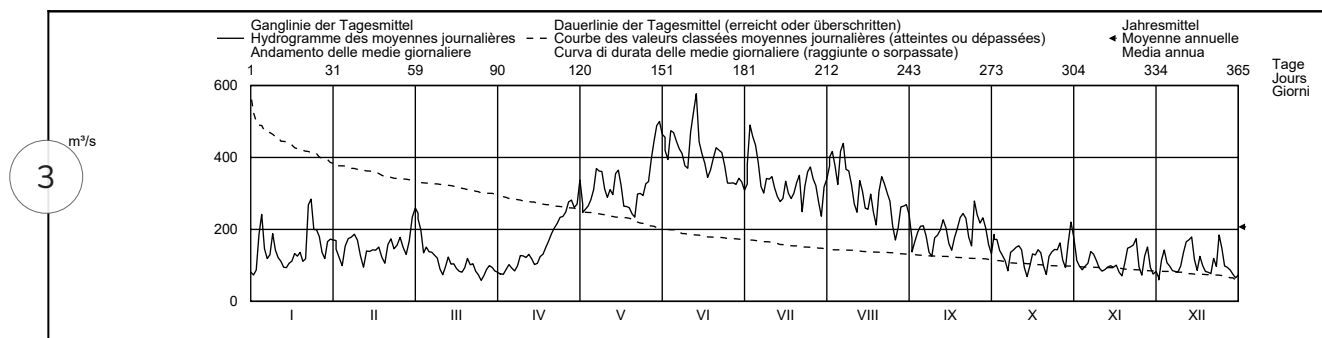
Annual table for discharge

1 Abfluss Debit Portata	Rhône - Porte du Scex										2009	
	Koordinaten			Höhe			Fläche		Mittlere Höhe		Vergletscherung	
	Coordonnées			Altitude			Surface		Altitude moyenne		Extension glacier	
	Coordinate			Altitudine			Superficie		Altitudine media		Ghiacciaio	

1. The header of the discharge table contains the complete station title with the following information: station name, number, coordinates and altitude, size of the topographic catchment area, mean altitude of the catchment area, and the extent of glaciation (ratio of the ice-covered area of the catchment to its total surface area, expressed as a percentage). The glacial area was calculated using the Swiss Glacier Inventory SGI2010 and, where necessary, similar inventories of neighbouring countries.

		Jan./Janv. Genn.	Feb./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.		
2018	1	81.4	169	244 +	75.3	271	456	327	376	175	186	120	65.6	1	
	2	73.3	-	145	229	76.7	247	420	380	401	137	172	115	59.8	2
	3	87.2	122	199	75.2	256	394	490	401	166	172	98.1	115	3	
	4	185	99.3	135	89.0	265	474	458	377	192	141	87.8	143	4	
	5	242	154	151	102	283	469	435	325	209	128	97.9	107	5	
	6	147	175	138	92.3	311	445	386	417	210	113	106	97.9	6	
	7	119	179	137	84.7	369	424	319	439	181	84.9	138	85.4	7	
	8	130	187	128	98.6	362	411	301	367	137	136	131	83.3	8	
	9	188	170	120	127	361	377	342	363	125	143	113	81.5	9	
	10	142	126	89.6	126	313	370	340	324	177	150	92.5	98.3	10	
Tagesmittel Moyenne giornaliere	11	122	95.0 -	74.1	122	289	470	347	271	184	155	83.9	135	11	
	12	111	140	96.8	131	311	525	314	248	199	143	88.4	165	12	
	13	94.9	139	123	118	297	577	291	336	227	93.9	95.4	171	13	
	14	93.7	143	104	102	355	444	277	306	204	68.8 -	99.0	179	14	
	15	106	142	104	106	365	410	286	259	161	98.3	94.9	117	15	
	16	112	151	91.3	124	323	384	334	256	142	132	101	86.0	16	
	17	133	123	83.7	131	264	345	300	298	177	129	81.1	125	17	
	18	126	106	81.1	150	264	365	286	247	203	144	70.9 -	99.6	18	
	19	136	158	93.5	168	260	398	301	212	233	135	107	83.3	19	
	20	111	174	119	189	243	427	330	305	244	98.2	148	80.9	20	
Media giornaliera	21	119	146	102	204	234	420	350	347	231	74.6	151	77.0	21	
	22	268	156	105	217	298	414	249	327	179	125	157	120	22	
	23	284	178	83.7	233	300	377	320	301	154	137	174	97.3	23	
	24	200	150	73.6	236	294	329	360	279	279	144	95.9	184	24	
	25	199	130	58.3	248	327	329	374	210	240	143	72.9	148	25	
	26	180	168	71.8	276	333	329	341	171	218	163	126	98.4	26	
	27	136	234	89.3	282	395	325	322	205	232	114	151	94.6	27	
	28	119	260	99.4	261	445	342	276	263	204	94.0	94.4	87.7	28	
	29	166		94.3	270	489	332	237	265	158	163	75.8	75.8	29	
	30	173		84.5	338	500	309	318	269	132	220	83.3	65.5	30	
31	171		81.0		464		340	241		179		73.3	31		
m³/s															
+ Maximum Massimo - Minimum Minimo															
Monatsmittel Moyenne mensuelle Media mensile	147	154	112	162	325	403	333	304	190	135	108	106	-	m³/s	
Maximum/Massimo Spitze/Pointe/Punta Datum/Data/Data	382 22.	298 27.	275 1.	365 30.	558 30.	612 13.	555 3.	508 7.	349 24.	333 29.	222 23.	265 14.	-	m³/s	
Jahresmittel/Moyenne annuelle/Media annua 207 m³/s															

2. The upper section of the table shows the daily discharge means for the reporting year. The monthly highs throughout the year are indicated, as are the dates on which they occurred. If the same unrounded maximum is reached more than twice in any given month, only ,div.' is indicated. The highs and lows in each section are marked + and - respectively.



3. The chart shows the daily means for the reporting year as a hydrograph (solid line) and, ordered by size, as a flow duration curve (dashed line). The annual mean is indicated by an arrow on the right edge of the chart.

Periode / Période / Período				1935 - 2018						(84 Jahre/années/anni)								
Monatsmittel Moyenne mensuelle Media mensile	98.0	-	102	102	121	210	339	351	+	303	209	133	113	99.0	m³/s			
Maximum/Massimo Spitze/Pointe/Punta Jahr/Année/Anno	403 2004	520 1970	474 1981	451 1981	816 2008	940 1935	950 1935	1004 1987	1088 1993	1363 2000	+	560 1944	390 1961	-	m³/s			
Mittel/Tagesmitt./Moy. jour./Media giorno Jahr/Année/Anno	37.3 1990	33.8 1942	- 1942	36.7 1942	45.1 1973	49.9 1938	98.1 1976	134 1976	+	103 1976	67.4 1976	56.1 1989	50.2 1943	35.6 1989	m³/s			
Größtes Jahresmittel Moy. annuelle la plus grande La più grande media annua	227 (1999) m³/s				Mittlerer Abfluss Débit moyen Portata media				182 m³/s				Kleinstes Jahresmittel Moy. annuelle la plus petite La più piccola media annua				127 (1976) m³/s	

4. If the definitive data for the reporting year are available, the lower section of the table contains statistical values for the longest possible observation period. If the data for the reporting year are still provisional, the lower section of the table is not shown.

The period is determined on the basis of various aspects. In principle, the longest possible period is taken. However, if there have been significant changes in the regime, extended interruptions to operation or substantial differences in the quality of the observed data as a result of different measurement methods, a shorter period may be selected than would normally be possible for the measurement series available.

The part of the table containing the data for the overall period shows the monthly mean, the peak values and the minimum daily mean for each month. If the same unrounded value is reached more than once, the most recent year of occurrence is indicated here. Finally, the mean value for the period as well as the highest and lowest annual mean are shown, together with the most recent year of occurrence.

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	
2018	577	500	474	464	424	376	340	322	297	263	233	188	m³/s
1935 - 2018	652	563	512	481	419	351	310	277	247	208	176	157	m³/s
Tage/Jours/Giorni	182	205	228	251	274	292	310	329	347	356	362	365	
2018	171	151	138	126	115	102	95.0	87.2	77.0	73.3	65.6	58.3	m³/s
1935 - 2018	143	130	119	108	97.4	88.5	78.6	67.6	57.4	50.8	44.6	38.6	m³/s

5. The 'Discharge duration' section shows 24 data points of the discharge duration curve for the reporting year and for the overall period. For example, the discharge value Q347 is reached or exceeded on 95% of all days, i.e. on average 347 days of the year. For the reporting year, it is calculated as follows: starting with the highest value, all discharge daily means observed at the station are arranged in descending order; the value at 347 is then the low water value sought. For an observation period of, for example, 10 years, all daily means for the period are arranged in descending order; the value placed at 347 is then the low water value Q347 sought for the period.

Any footnotes below the table refer to specific features to be considered when interpreting the data. Also, any additions, clarifications or references to other observation series etc. which may be necessary are made here.

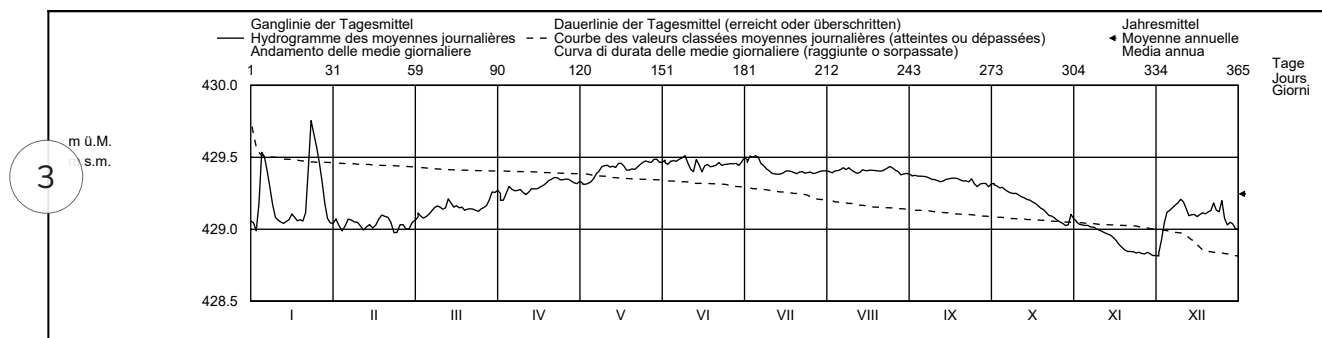
Annual table for water level

1	Bielersee - Ligerz, Klein Twann										2208															
	Wasserstand																									
	Niveau d'eau																									
	Livello d'acqua																									
	Koordinaten	Coordonnées		2578320 / 1215670		Coordinate	Höhe	Altitude		429 m ü.M. / m s.m.		Fläche	Surface		8236 km²		Mittlere Höhe	Altitude moyenne		1143 m ü.M. / m s.m.		Vergletscherung	Extension glacier		2.1 %	
							Altitudine					Superficie					Altitudine media					Ghiacciaio				

1. The header of the water level table contains the complete station name with the following information: station name, number, coordinates and altitude, size of the topographic catchment area, mean altitude of the catchment area, and the extent of glaciation (ratio of the ice-covered area of the catchment to its total surface area, expressed as a percentage). The glacial area was calculated using the Swiss Glacier Inventory SGI2010 and, where necessary, similar inventories of neighbouring countries.

2018	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	2	3	4	5	6	7	8	9	10	11	12	13
Tagesmittel	429.06	429.07	429.09	429.25	429.32	429.48	429.48	429.40	429.37	429.32 +	429.06 +	428.81 -	1
Moyenne journalière	429.05	429.07	429.11	429.20 -	429.31	429.46	429.47	429.40	429.37	429.31	429.05	428.84	2
Media giornaliera	429.05	429.07	429.09	429.20	429.31 -	429.45	429.51	429.39	429.37 +	429.30	429.03	428.93	3
m ü.M.	429.18	428.99	429.08 -	429.25	429.32	429.47	429.50	429.41	429.37	429.29	429.03	429.04	4
m s.m.	429.53	429.02	429.09	429.30	429.33	429.48	429.51 +	429.41	429.37	429.29	429.03	429.12	5
+ Maximum	429.50	429.07	429.11	429.28	429.35	429.47	429.50	429.41	429.37	429.27	429.03	429.13	6
Massimo	429.40	429.06	429.13	429.27	429.39	429.49	429.46	429.43	429.36	429.26	429.02	429.15	7
- Minimum	429.29	429.05	429.15	429.27	429.40	429.50	429.44	429.41	429.36	429.25	429.02	429.17	8
Minimo	429.17	429.05	429.16	429.28	429.44	429.51 +	429.42	429.43	429.35	429.25	429.00	429.18	9
	429.08	429.02	429.15	429.25	429.44	429.46	429.41	429.41	429.34	429.25	428.99	429.21 +	10
	429.06	428.99	429.14	429.24	429.44	429.42	429.39	429.40	429.34	429.24	428.98	429.19	11
	429.05	429.02	429.15	429.26	429.43	429.40	429.38	429.39	429.33	429.23	428.97	429.14	12
	429.04	429.03	429.21	429.28	429.44	429.48	429.38 -	429.39	429.34	429.22	428.97	429.09	13
	429.05	429.01	429.18	429.28	429.43	429.45	429.38	429.41	429.35	429.21	428.96	429.10	14
	429.07	429.03	429.15	429.28	429.46	429.40 -	429.39	429.41	429.35	429.20	428.94	429.10	15
	429.11	429.07	429.16	429.29	429.46	429.44	429.40	429.41	429.35	429.19	428.92	429.09	16
	429.08	429.10 +	429.15	429.30	429.44	429.45	429.41	429.41	429.36	429.18	428.89	429.10	17
	429.06	429.09	429.15	429.32	429.41	429.43	429.40	429.41	429.35	429.16	428.87	429.11	18
	429.07	429.08	429.13	429.34	429.41	429.44	429.39	429.41	429.34	429.15	428.86	429.11	19
	429.06	429.05	429.14	429.35	429.42	429.45	429.39	429.40	429.34	429.14	428.85	429.12	20
	429.11	428.98 -	429.14	429.36 +	429.42	429.46	429.40	429.40	429.34	429.12	428.85	429.13	21
	429.42	428.98	429.14	429.36	429.43	429.44	429.40	429.41	429.33	429.10	428.84	429.18	22
	429.75 +	429.03	429.13	429.34	429.45	429.45	429.39	429.42	429.35	429.09	428.84	429.13	23
	429.66	429.03	429.12	429.34	429.47	429.45	429.39	429.44 +	429.32	429.08	428.84	429.12	24
	429.57	429.00	429.14	429.35	429.47	429.46	429.40	429.43	429.30	429.06	428.83	429.20	25
+ Maximum	429.46	429.00	429.15	429.35	429.47	429.45	429.39	429.41	429.31	429.05	428.83	429.07	26
Massimo	429.33	429.05	429.17	429.33	429.46	429.46	429.39	429.40	429.32	429.04	428.84	429.03	27
- Minimum	429.18	429.06	429.21	429.32	429.49	429.44	429.40	429.38 -	429.32	429.03 -	428.83	429.05	28
Minimo	429.07		429.26	429.32	429.49 +	429.47	429.40	429.38	429.30 -	429.03	428.82 -	429.04	29
	429.04		429.26	429.33	429.47	429.50	429.41	429.39	429.32	429.10	428.82	429.00	30
	429.04		429.27 +		429.47		429.41	429.38		429.07		429.00	31
Monatsmittel Moyenne mensuelle Media mensile	429.21	429.04	429.15	429.30	429.42	429.46 +	429.42	429.41	429.34	429.18	428.93 -	429.09	m ü.M. m s.m.
Maximum/Massimo Spitze/Punte/Punta Datum/Date/Data	429.82 + 23.	429.12 17. 18.	429.28 29.	429.37 22.	429.50 28.	429.53 9. 13.	429.55 3.	429.46 9.	429.38 1.	429.33 1.	429.08 - 1.	429.25 10.	m ü.M. m s.m.
Minimum/Minimo Momentan/momentan. Datum/Date/Data	428.96 3.	428.94 22.	429.06 1.	429.19 2.	429.30 2.	429.38 + 15.	429.38 + 23.	429.38 + 28. 29.	429.28 29.	429.01 29.	428.81 - 30.	428.81 - 2.	m ü.M. m s.m.
Jahresmittel/Moyenne annuelle/Media annua	429.25 m ü.M. / m s.m.												

2. The upper section of the table shows the daily means of the water level for the reporting year. The monthly highs and lows throughout the year are indicated, as are the dates on which they occurred. If the same unrounded maximum or minimum is reached more than twice in any given month, only 'div.' is indicated. The highs and lows in each section are marked + and - respectively.



3. The chart shows the daily means for the reporting year as a hydrograph and, ordered by size, as a water level duration curve (dashed line). The annual mean is indicated by an arrow on the right edge of the chart.

4

Periode / Période / Período	1983 - 2018												(36 Jahre/années/anni)
Monatsmittel Moyenne mensuelle Media mensile	429.03 - 2018	429.05 1990	429.20 2001	429.38 2006	429.47 + 2015	429.45 1987	429.42 1987	429.39 2007	429.30 2006	429.18 1993	429.07 1992	429.04 1992	m ü.M. m s.m.
Maximum/Massimo Spitze/Pointe/Punta Jahr/Année/Anno	429.82 2018	429.73 1990	429.94 2001	430.15 2006	430.51 2015	430.21 1987	429.83 1987	430.88 + 2007	429.65 2006	429.55 1993	429.80 1992	429.45 - 1992	m ü.M. m s.m.
Minimum/Minimo Momentan/momentan. Jahr/Année/Anno	428.70 - 2017	428.77 2017	428.87 1993	428.99 1999	429.13 2011	429.26 + 1989	429.25 2012	429.25 2007	429.11 2009	428.96 1985	428.81 2018	428.80 1985	m ü.M. m s.m.
Grösstes Jahresmittel Moy. annuelle la plus grande La più grande media annua	429.33 (1987) m ü.M. / m s.m.												
Mittlerer Wasserstand Niveau d'eau moyen Livello medio dell'acqua	429.25 m ü.M. / m s.m.												
Kleinstes Jahresmittel Moy. annuelle la plus petite La più piccola media annua	429.16 (2011) m ü.M. / m s.m.												

4. If the definitive data for the reporting year are available, the lower section of the table contains statistical values for the longest possible observation period. If the data for the reporting year are still provisional, the lower section of the table is not shown.

The period is determined on the basis of various aspects. In principle, the longest possible period is taken. However, if there have been significant changes in the regime, extended interruptions to operation or substantial differences in the quality of the observed data as a result of different measurement methods, a shorter period may be selected than would normally be possible for the measurement series available.

The part of the table containing the data for the overall period shows the monthly mean, the peak values and the minimum instantaneous values for each month. If the same unrounded value is reached more than once, the most recent year of occurrence is indicated here. Finally, the mean value for the period as well as the highest and lowest annual mean are shown, together with the most recent year of occurrence.

Dauer der Wasserstände (erreicht oder überschritten)		Niveaux d'eau classés (atteints ou dépassés)						Durata dei livelli d'acqua (raggiunti o sorpassati)					
Tage/Jours/Giorni	1	3	6	9	18	36	55	73	91	114	137	160	
2018	429.75	429.57	429.51	429.50	429.48	429.46	429.44	429.41	429.40	429.39	429.35	429.33	m ü.M.
1983 - 2018	429.98	429.79	429.67	429.63	429.54	429.47	429.44	429.41	429.39	429.37	429.35	429.31	m s.m.
Tage/Jours/Giorni	182	205	228	251	274	292	310	329	347	356	362	365	
2018	429.29	429.24	429.16	429.13	429.09	429.06	429.04	429.02	428.94	428.84	428.83	428.81	m ü.M.
1983 - 2018	429.27	429.22	429.16	429.11	429.07	429.05	429.03	429.01	428.98	428.95	428.89	428.75	m s.m.

5. The 'Water level duration' section shows 24 data points of the water level duration curve for the reporting year and for the overall period. The value for 347 days can be taken as an example here. This value is reached or exceeded on 95% of all days, i.e. on average 347 days of the year. For the reporting year, it is calculated as follows: starting with the highest value, all water level daily means observed at the station are arranged in descending order; the value at 347 is then the low water value sought. For an observation period of, for example, 10 years, all daily means for the period are arranged in descending order; the value placed at 347 is then the value Q347 sought for the period.

Any footnotes below the table refer to specific features to be considered when interpreting the data. Also, any additions, clarifications or references to other observation series etc. which may be necessary are made here.

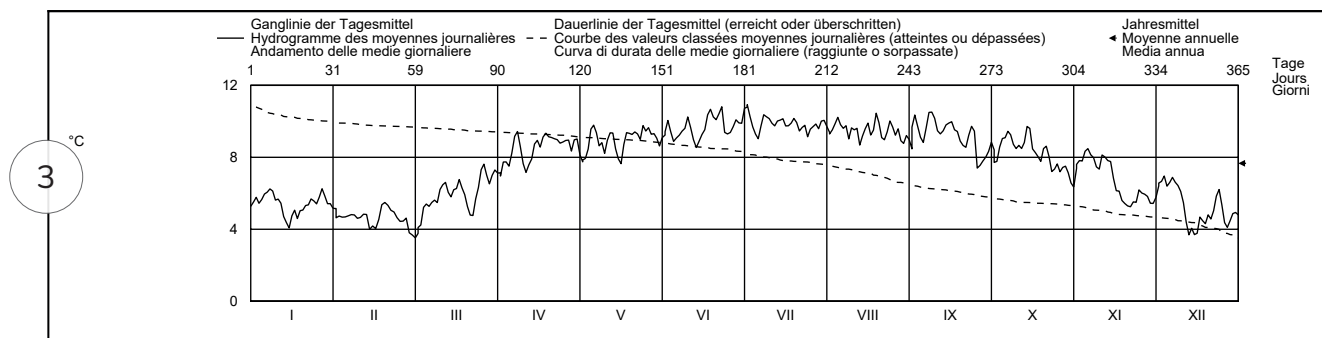
Annual table for water temperature

1	Wassertemperatur	Rhône - Porte du Scex						2009		
	Température de l'eau									
	Temperatura dell'acqua									
		Koordinaten Coordonnées Coordinate	2557660 / 1133280	Höhe Altitude Altitudine	377 m ü.M. / m s.m.	Fläche Surface Superficie	5238 km²	Mittlere Höhe Altitude moyenne Altitudine media	2127 m ü.M. / m s.m.	Vergletscherung Extension glacier Ghiacciaio

1. The header of the water temperature table contains the complete station title with the following information: station name, number, coordinates and altitude, size of the topographic catchment area, mean altitude of the catchment area, and the extent of glaciation (ratio of the ice-covered area of the catchment to its total surface area, expressed as a percentage). The glacial area was calculated using the Swiss Glacier Inventory SGI2010 and, where necessary, similar inventories of neighbouring countries.

2018	Jan./Janv. Genn.	Feb./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.	
	1	2	3	4	5	6	7	8	9	10	11	12	
Tagesmittel	5.3	5.2	3.8 -	7.1	7.7	9.2	10.8	9.4	8.5	8.4	7.4	6.4	1
Moyenne journalière	5.5	4.6	4.1	7.0 -	7.8	9.4	10.9	9.3	9.7	7.7	7.6	6.6	2
Media giornaliera	5.8	4.7	4.2	7.7	7.9	10.0	10.3	9.5	10.4	7.8	7.8	6.7	3
	5.4	4.7	5.2	7.7	8.5	9.4	9.7	9.9	9.7	8.6	7.8	7.0 +	4
	5.7	4.7	5.4	7.5	9.6	8.9	9.3	10.2	9.1	9.0	8.3	6.4	5
	6.0	4.7	5.3	8.2	9.8 +	9.1	9.0 -	9.8	8.8	9.1	8.5 +	6.6	6
	6.1	4.8	5.5	9.2	9.4	9.2	9.7	9.6	9.6	9.4	8.1	6.9	7
	6.2	4.8	5.6	9.4 +	8.6	9.5	10.4	9.8	10.5	9.3	8.0	6.6	8
	6.1	4.6	5.5	8.6	8.8	9.6	10.3	9.0	10.5 +	8.7	7.5	6.4	9
	5.6	4.7	6.2	7.6	8.2	10.2	10.2	9.6	10.2	8.5	7.3	6.1	10
	5.7	4.8	6.5	7.2	8.9	9.7	9.9	9.5	9.5	8.7	8.1	5.5	11
	5.4	4.8	6.6	7.6	9.4	9.0	9.7	9.6	9.3	8.5	8.0	4.4	12
	4.7	4.0	6.1	7.9	9.3	8.5 -	10.0	8.7	9.5	8.8	7.8	3.7 -	13
	4.4	4.2	5.8	8.7	8.5	8.9	10.1	9.2	9.8	9.7 +	7.8	4.1	14
	4.1 -	4.0	6.2	8.9	7.9	9.3	10.1	9.6	9.9	9.6	6.8	3.7	15
	4.7	4.5	6.3	8.6	7.6 -	9.5	9.7	9.9	10.0	8.5	6.1	3.8	16
	5.1	5.4	6.8	9.1	8.7	10.4	9.8	9.2	9.5	8.3	6.1	4.7	17
	4.6	5.5 +	6.3	9.3	9.4	10.7	9.9	9.5	9.4	8.0	5.6	4.5	18
	5.0	5.3	5.9	9.1	9.3	10.2	10.2	10.5 +	8.9	7.8	5.4	4.3	19
	5.1	5.1	5.3	9.1	9.3	10.1	9.9	9.9	8.7	8.5	5.3	4.8	20
	5.3	5.0	4.8	9.0	9.4	10.4	9.5	9.1	8.6	8.6	5.3 -	4.6	21
	5.4	4.6	4.8	9.0	9.3	10.8 +	9.7	9.0	9.2	8.0	5.5	5.0	22
	5.7	4.4	5.7	8.8	9.0	9.4	9.8	9.4	9.7	7.2	5.5	5.8	23
	5.6	4.5	6.3	8.9	9.8	9.3	9.1	10.0	9.5	7.3	6.2	6.2	24
	5.4	4.6	7.3	8.9	9.5	9.4	9.6	9.7	7.4 -	7.6	6.0	5.4	25
+ Maximum Massimo	5.8	3.8	7.6 +	9.0	9.6	9.7	9.7	9.2	7.6	7.2	5.9	4.4	26
- Minimum Minimo	6.3 +	3.7	7.0	8.3	9.3	10.1	9.8	9.6	7.8	7.4	5.8	4.1	27
	5.9	3.5 -	6.5	9.0	9.3	9.9	9.6	8.9	8.0	7.5	5.4	4.5	28
	5.4		7.0	9.0	9.1	9.9	10.0	8.8	8.3	7.1	5.4	4.9	29
	5.4		7.3	8.1	8.6	10.7	10.1	9.2	8.8	6.6	5.8	4.9	30
	5.2		7.1		9.1		9.7	9.0		6.3 -		4.8	31
Monatsmittel Moyenne mensuelle Media mensile	5.4	4.6 -	5.9	8.5	8.9	9.7	9.9 +	9.5	9.2	8.2	6.7	5.3	°C
Maximum/Massimo Spitze/Pointe/Punta Datum/Date/Data	6.9 27.	6.0 - 19.	8.6 25.	10.4 17.	10.8 24.	11.8 + 30.	11.6 1.	11.7 19.	11.4 8.	10.9 14.	9.1 5.	7.4 7.	°C
Minimum/Minimo Momentan/momentan. Datum/Date/Data	3.8 15.	3.1 - 28.	3.6 1.	6.1 2.	7.2 16.	7.9 13.	8.3 + 6.	8.2 13.	6.8 25.	6.0 31.	5.0 21.	3.2 13.	°C
Jahresmittel/Moyenne annuelle/Media annua	7.7 °C												

2. The upper section of the table shows the daily means of the water temperature for the reporting year. The monthly highs and lows throughout the year are indicated, as are the dates on which they occurred. If the same unrounded maximum or minimum is reached more than twice in any given month, only 'div.' is indicated. The highs and lows in each section are marked + and - respectively.



3. The chart shows the daily means for the reporting year as a hydrograph and, ordered by size, as a water temperature duration curve (dashed line). The annual mean is indicated by an arrow on the right edge of the chart.

4

Periode / Période / Período	1971 - 2018							(48 Jahre/années/anni)								
Monatsmittel Moyenne mensuelle Media mensile	4.2	-	4.6	5.8	7.6	9.1	9.7	9.9	+	9.5	9.0	7.8	5.8	4.4	°C	
Maximum/Massimo Spitze/Pointe/Punta Jahr/Année/Anno	7.0	-	7.6	10.6	13.5	13.2	14.0	14.1	+	13.0	12.6	12.4	9.8	7.7	°C	
Minimum/Minimo Momentan/momentan. Jahr/Année/Anno	0.4	-	1.7	1.4	3.8	4.9	6.4	7.1	+	6.9	6.5	4.6	1.1	0.5	°C	
Größtes Jahresmittel Moy. annuelle la plus grande La più grande media annua	8.0 (2014) °C				Mittlere Wassertemperatur Température moyenne Temperatura media			7.3 °C			Kleinstes Jahresmittel Moy. annuelle la plus petite La più piccola media annua				6.7 (1983) °C	

4. If the definitive data for the reporting year are available, the lower section of the table contains statistical values for the longest possible observation period. If the data for the reporting year are still provisional, the lower section of the table is not shown.

The period is determined on the basis of various aspects. In principle, the longest possible period is taken. However, if there have been significant changes in the regime, extended interruptions to operation or substantial differences in the quality of the observed data as a result of different measurement methods, a shorter period may be selected than would normally be possible for the measurement series available.

The part of the table containing the data for the overall period shows the monthly mean, the peak values and the minimum instantaneous values for each month. If the same unrounded value is reached more than once, the most recent year of occurrence is indicated here. Finally, the mean value for the period as well as the highest and lowest annual mean are shown, together with the most recent year of occurrence.

Dauer der Temperaturen (erreicht oder überschritten)			Températures classées (atteintes ou dépassées)					Durata delle temperature (raggiunte o sorpassate)					
Tage/Jours/Giorni	1	3	6	9	18	36	55	73	91	114	137	160	
2018	10.9	10.8	10.5	10.4	10.2	9.9	9.7	9.6	9.4	9.2	9.0	8.7	°C
1971 - 2018	11.8	11.3	11.0	10.9	10.5	10.1	9.8	9.5	9.3	9.0	8.6	8.2	°C
Tage/Jours/Giorni	182	205	228	251	274	292	310	329	347	356	362	365	
2018	8.2	7.7	7.1	6.3	5.8	5.4	5.2	4.7	4.4	4.1	3.7	3.5	°C
1971 - 2018	7.7	7.0	6.3	5.6	5.1	4.8	4.4	4.1	3.6	3.3	2.9	2.0	°C

5. The 'Temperature duration' section shows 24 data points of the water temperature duration curve for the reporting year and for the overall period. The value for 347 days can be taken as an example here. This value is reached or exceeded on 95% of all days, i.e. on average 347 days of the year. For the reporting year, it is calculated as follows: starting with the highest value, all water temperature daily means observed at the station are arranged in descending order; the value at 347 is then the temperature value sought. For an observation period of, for example, 10 years, all daily means for the period are arranged in descending order; the value placed at 347 is then the value Q347 sought for the period.

Any footnotes below the table refer to specific features to be considered when interpreting the data. Also, any additions, clarifications or references to other observation series etc. which may be necessary are made here.

Groundwater

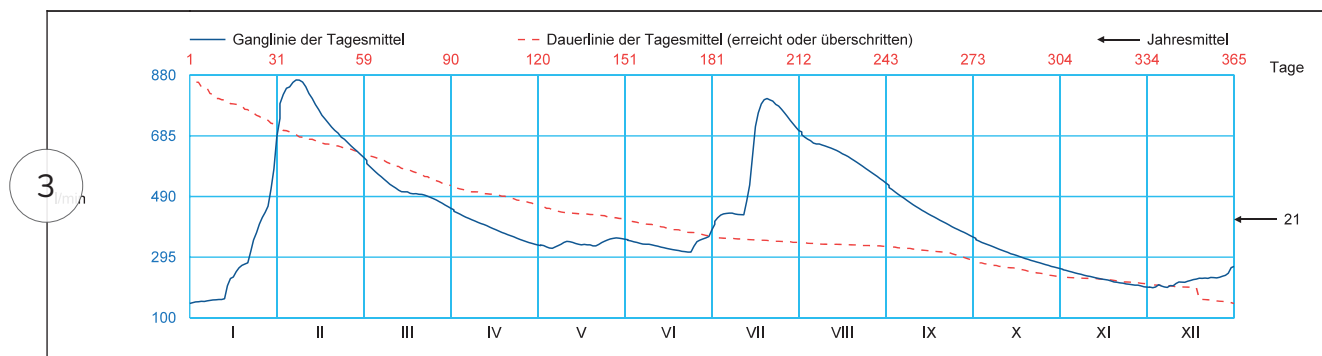
Annual table for spring discharge

1 Anfluss		Hellikon - Felsenquelle				NAQUA NTQ26			
Koordinaten 636870 / 262347		Höhe 441.00 m ü.M.		Fläche km²		Mittlere Höhe m ü.M.		Vergletscherung 0.0 %	

1. The header of the discharge table contains the complete station title with the following information: station name, number, coordinates and altitude, size of the topographic catchment area, mean altitude of the catchment area, and the extent of glaciation. However, the last three data points are not known for all stations.

2021		Jan.	Feb.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	
	1	146 -	741	606 +	447 +	332	351	401 -	698 +	526 +	355 +	256 +	198	1
	2	149	789	596	442	334	349	410	689	518	351	254	199	2
	3	151	818	587	438	332	347	421	681	513	347	253	197 -	3
	4	151	838	578	434	328	344	430	674	505	343	250	199	4
	5	153	842	570	428	324	342	434	670	498	339	247	207	5
	Tagesmittel													
	6	153	857	561	424	323 -	340	436	662	491	336	244	202	6
	7	154	865 +	554	420	328	337	436	659	484	332	242	199	7
	8	156	864	545	415	332	337	436	659	477	328	240	198	8
	9	157	858	538	411	336	336	433	655	471	324	237	203	9
	10	158	843	529	407	343	335	432	653	464	320	235	203	10
	11	159	821	523	403	346	332	432	649	458	317	233	210	11
	12	159	805	517	400	345	330	431	646	452	314	230	215	12
	13	161	786	510	396	342	327	474	642	446	310	228	215	13
	14	203	769	505	391	339	325	527	638	440	306	226	214	14
	15	226	751	505	387	336	323	620	633	435	303	224	217	15
	I/min													
	16	231	739	505	383	335	321	715	627	429	300	223	220	16
	17	248	726	500	379	336	319	759	623	425	297	222	223	17
	18	261	713	499	374	335	317	788	618	419	294	218	224	18
	19	269	703	499	371	334	316	801	612	414	291	215	227	19
	20	273	694	497	367	331	314	805 +	606	409	288	214	227	20
	21	277	681	497	364	331	313	801	600	404	285	212	228	21
	22	312	674	494	360	336	311	797	593	398	282	211	227	22
	23	350	663	491	356	342	311 -	786	587	393	279	209	230	23
	24	374	653	487	352	346	330	781	580	388	277	208	229	24
	25	401	644	483	349	350	344	770	574	383	274	206	228	25
	+ Maximum													
	26	422	635	479	345	353	349	759	567	379	271	205	230	26
	27	439	625	474	342	355	354	748	561	375	268	205	233	27
	- Minimum													
	28	459	616 -	469	339	357 +	357	735	554	370	265	202	236	28
	29	514		463	337	356	361	723	547	365	263	199	243	29
	30	579		457	334 -	354	383 +	713	541	360 -	261	199 -	261	30
	31	681 +		452 -		352		702	533 -		258 -		265 +	31
Monatsmittel		275	750 +	515	387	339	335	611	620	436	303	225	220 -	I/min
Maximum (Spitze) Datum		732 31.	898 + 7.	618 1.	457 1.	364 27.	399 30.	855 20.	750 1.	536 1.	363 1.	263 1.	271 30.	I/min
Jahr		Mittel 416 Maximum (Spitze) 898 (07.02.2021) Minimum (absolut) 141 (01.01.2021)												

2. The upper section of the table shows the daily discharge means for the reporting year. The monthly highs throughout the year are indicated, as are the dates on which they occurred. The highs and lows in each section are marked + and - respectively.



3. The chart shows the daily means for the reporting year as a hydrograph (solid line) and, ordered by size, as a discharge duration curve (dashed line). The annual mean is indicated by an arrow on the right edge of the chart.

4

Periode	2003 - 2021												(19 Jahre)
Monatsmittel	348	410	423 +	403	372	324	294	255	214	194 -	199	249	I/min
Maximum (Spitze)	998 2013	898 2021	708 2013	1134 + 2006	893 2006	720 2016	855 2021	750 2021	536 2021	541 2006	572 2012	1088 2012	I/min
Minimum (absolut) Jahr	89.1 2016	131 2017	166 2017	207 + 2019	186 2011	152 2011	142 2011	124 2011	110 2011	84.0 - 2020	92.8 2011	92.2 2011	I/min
Periode	Mittel 297 I/min Maximum (Spitze) 1134 I/min (13.04.2006) Minimum (absolut) 84.0 I/min (17.10.2020)												

4. The lower part of the table contains statistical values for the longest possible observation period. The part of the table containing the data for the overall period shows the monthly mean, the peak values and the minimum instantaneous value for each month. The bottom line shows the mean as well as the highest and lowest instantaneous value of the period.

Tabelle mit Dauern (erreicht oder überschritten)													
Tage	1	3	6	9	18	36	55	73	91	114	137	160	
2021	865	858	842	818	786	698	642	580	523	477	434	401	l/min
2003 - 2021	1001	842	770	710	627	522	471	431	391	350	325	299	l/min
Tage	182	205	228	251	274	292	310	329	347	356	362	365	
2021	360	346	336	323	282	253	228	214	199	158	151	146	l/min
2003 - 2021	278	248	223	207	189	171	155	136	120	108	103	94.0	l/min

5. The 'Discharge duration' section shows 24 data points of the discharge duration curve for the reporting year and for the overall period. The duration (number of days) in the reporting year is calculated for all 24 data points as follows: starting with the highest value, all discharge daily means observed at the station are arranged in descending order.

Any footnotes below the table refer to specific features to be considered when interpreting the data. Also, any additions, clarifications or references to other observation series etc. which may be necessary are made here.

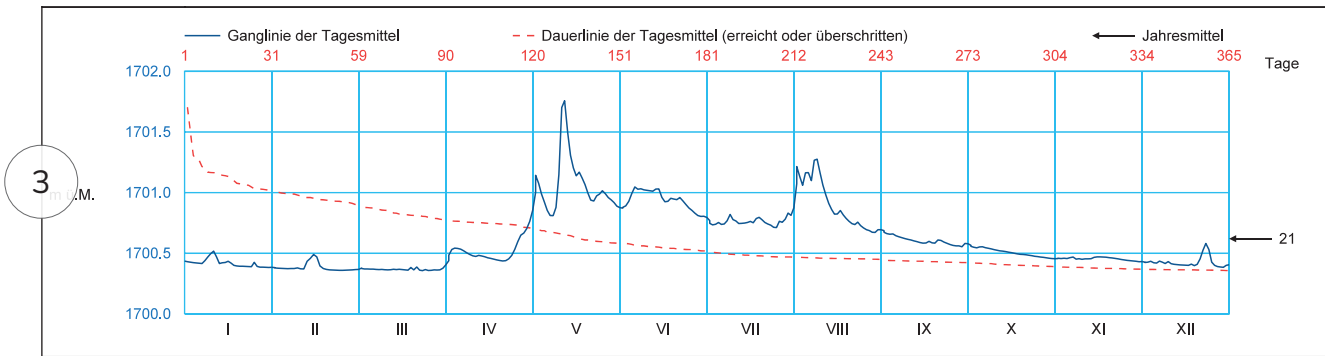
Annual table for groundwater level

1	Grundwasserstand	Davos - Boden	NAQUA NQG50
		Koordinaten 786736 / 182673	Höhe 1701.70 m ü.M.

1. The header of the groundwater level table contains the complete station title with the following information: station name, number, coordinates and altitude.

2021		Jan.	Feb.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	
	1	1700.43	1700.38	1700.38	1700.44	1701.00	1700.87	1700.77	1701.07	1700.69 +	1700.57 +	1700.46	1700.43	1
	2	1700.43	1700.38	1700.37	1700.48	1701.14	1700.88	1700.75	1701.21	1700.67	1700.56	1700.46	1700.42	2
	3	1700.43	1700.38	1700.37	1700.53	1701.08	1700.89	1700.73	1701.13	1700.66	1700.55	1700.46	1700.43	3
	4	1700.42	1700.38	1700.37	1700.54	1700.99	1700.93	1700.74	1701.06	1700.66	1700.55	1700.46	1700.43	4
	5	1700.42	1700.37	1700.37	1700.54	1700.92	1700.99	1700.75	1701.16	1700.66	1700.55	1700.46	1700.42	5
	6	1700.42	1700.37	1700.37	1700.53	1700.85	1701.05 +	1700.74	1701.16	1700.64	1700.55	1700.46	1700.42	6
	7	1700.42	1700.37	1700.37	1700.52	1700.81	1701.03	1700.74	1701.10	1700.64	1700.55	1700.47	1700.44	7
	8	1700.44	1700.37	1700.37	1700.50	1700.81 -	1701.03	1700.77	1701.27	1700.63	1700.54	1700.45	1700.43	8
	9	1700.47	1700.38	1700.37	1700.49	1700.88	1701.02	1700.82	1701.28 +	1700.62	1700.54	1700.45	1700.42	9
	10	1700.50	1700.37	1700.36	1700.48	1701.15	1701.02	1700.78	1701.17	1700.62	1700.53	1700.45	1700.43	10
	11	1700.52 +	1700.37	1700.36	1700.47	1701.70	1701.02	1700.77	1701.06	1700.61	1700.52	1700.45	1700.41	11
	12	1700.42	1700.37	1700.36	1700.48	1701.76 +	1701.01	1700.75	1700.98	1700.60	1700.52	1700.45	1700.41	12
	13	1700.41	1700.46	1700.37	1700.48	1701.50	1701.03	1700.75	1700.91	1700.60	1700.52	1700.46	1700.41	13
	14	1700.42	1700.49 +	1700.37	1700.47	1701.31	1701.03	1700.75	1700.86	1700.59	1700.51	1700.47	1700.40	14
	15	1700.42	1700.47	1700.37	1700.46	1701.20	1700.96	1700.75	1700.82	1700.58	1700.51	1700.47 +	1700.40	15
	16	1700.43	1700.40	1700.37	1700.46	1701.14	1700.92	1700.76	1700.82	1700.58	1700.50	1700.47	1700.40	16
	17	1700.42	1700.37	1700.36	1700.45	1701.17	1700.93	1700.75	1700.85	1700.60	1700.50	1700.47	1700.40	17
	18	1700.40	1700.37	1700.36	1700.44	1701.12	1700.95	1700.79	1700.82	1700.59	1700.50	1700.47	1700.41	18
	19	1700.40	1700.36	1700.38	1700.44	1701.07	1700.95	1700.80	1700.79	1700.58	1700.49	1700.46	1700.40	19
	20	1700.39	1700.36	1700.36	1700.44 -	1701.00	1700.94	1700.78	1700.76	1700.61	1700.49	1700.46	1700.41	20
	21	1700.39	1700.36	1700.39	1700.44	1700.94	1700.96	1700.75	1700.74	1700.61	1700.49	1700.46	1700.45	21
	22	1700.39	1700.36	1700.36	1700.45	1700.93	1700.93	1700.74	1700.74	1700.59	1700.48	1700.45	1700.52	22
	23	1700.39	1700.36 -	1700.36 -	1700.48	1700.97	1700.90	1700.73	1700.76	1700.58	1700.48	1700.45	1700.58 +	23
	24	1700.39	1700.36	1700.37	1700.53	1700.99	1700.87	1700.71	1700.73	1700.57	1700.48	1700.45	1700.53	24
	25	1700.43	1700.36	1700.36	1700.60	1701.02	1700.85	1700.71 -	1700.71	1700.56	1700.47	1700.44	1700.43	25
	26	1700.39	1700.36	1700.36	1700.65	1700.99	1700.83	1700.76	1700.69	1700.56	1700.47	1700.44	1700.40	26
	27	1700.39	1700.37	1700.36	1700.67	1700.96	1700.81	1700.76	1700.69	1700.56	1700.47	1700.44	1700.39	27
	28	1700.38	1700.37	1700.36	1700.70	1700.94	1700.80	1700.78	1700.67	1700.55 -	1700.46	1700.43	1700.39	28
	29	1700.38		1700.36	1700.76	1700.92	1700.80	1700.83	1700.67 -	1700.58	1700.46	1700.43 -	1700.38 -	29
	30	1700.38 -		1700.38	1700.86 +	1700.89	1700.79 -	1700.81	1700.69	1700.58	1700.46	1700.43	1700.40	30
	31	1700.38		1700.40 +		1700.88		1700.87 +	1700.69		1700.45 -		1700.41	31
Monatsmittel		1700.42	1700.38	1700.37 -	1700.53	1701.07 +	1700.93	1700.76	1700.91	1700.61	1700.51	1700.45	1700.43	m ü.M.
Maximum (Spitze) Datum		1700.53 11.	1700.51 14.	1700.42 - 1.	1700.94 30.	1701.84 + 12.	1701.05 6.	1700.92 1.	1701.32 8.	1700.69 1.	1700.57 1.	1700.48 7.	1700.59 23.	m ü.M.
Amplitude		0.17	0.15	0.07	0.52	1.04 +	0.28	0.22	0.66	0.14	0.12	0.06 -	0.21	m
Jahr		Mittel 1700.62 m ü.M. Maximum (Spitze) 1701.84 m ü.M. (12.05.2021) Minimum (absolut) 1700.35 m ü.M. (16.03.2021) Amplitude 1.49												

2. The upper section of the table shows the daily means of the groundwater level for the reporting year. The monthly highs throughout the year are indicated, as are the dates on which they occurred. The amplitude indicates the difference between the monthly highs and lows (peaks). The highs and lows in each section are marked + and - respectively.

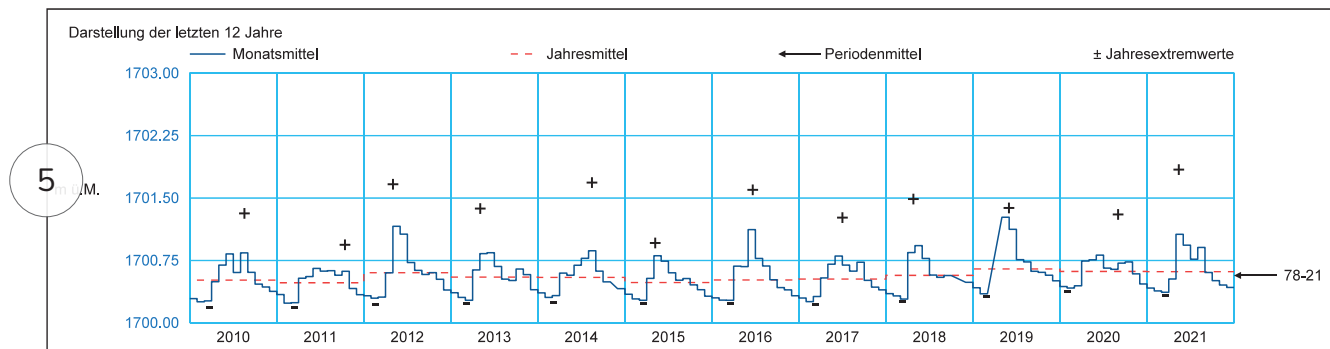


3. The chart shows the daily means for the reporting year as a hydrograph (solid line) and, ordered by size, as a groundwater level duration curve (dashed line). The annual mean is indicated by an arrow on the right edge of the chart.

4

Periode	1978 - 2021 (44 Jahre)												
Monatsmittel	1700.36	1700.31	1700.31 -	1700.53	1700.91 +	1700.88	1700.77	1700.68	1700.61	1700.56	1700.48	1700.41	m ü.M.
Maximum (Spitze)	1700.69 1990	1700.64 - 1986	1701.10 1981	1701.64 2012	1702.01 1979	1701.59 2016	1701.50 1981	1701.71 1985	1701.27 1982	1701.32 1979	1702.14 + 2002	1700.87 2002	m ü.M.
Minimum (absolut)	1700.24 1999	1700.21 1999	1700.19 - 1996	1700.22 1996	1700.34 1979	1700.49 + 1996	1700.47 2005	1700.40 2003	1700.35 2003	1700.34 2003	1700.31 2009	1700.29 2016	m ü.M.
Amplitude Jahr	0.42 1990	0.35 - 1986	0.78 1981	1.28 2000	1.67 + 1979	0.77 2001	0.75 1981	1.12 2000	0.65 1999	0.73 1980	1.62 2002	0.46 2002	m
Periode	Mittel 1700.57 m ü.M. Maximum (Spitze) 1702.14 m ü.M. (18.11.2002) Minimum (absolut) 1700.19 m ü.M. (17.03.1996) Amplitude 1.95												

4. The lower section of the annual table contains statistical values for the longest possible observation period. The part of the table containing the data for the overall period shows the monthly mean, the peak values, the minimum instantaneous values and the amplitude for each month. The bottom line shows the mean, the highest and lowest instantaneous value as well as the amplitude for the period.



5. The lower chart shows the last 12 years in each case. This chart includes the monthly means of the 12 years as a hydrograph (solid line) and also the annual means (dashed line). The mean for the period is indicated by an arrow on the right edge of the chart. The monthly highs and lows of each year are marked + and - respectively.

Any footnotes below the table refer to specific features to be considered when interpreting the data. Also, any additions, clarifications or references to other observation series etc. which may be necessary are made here.

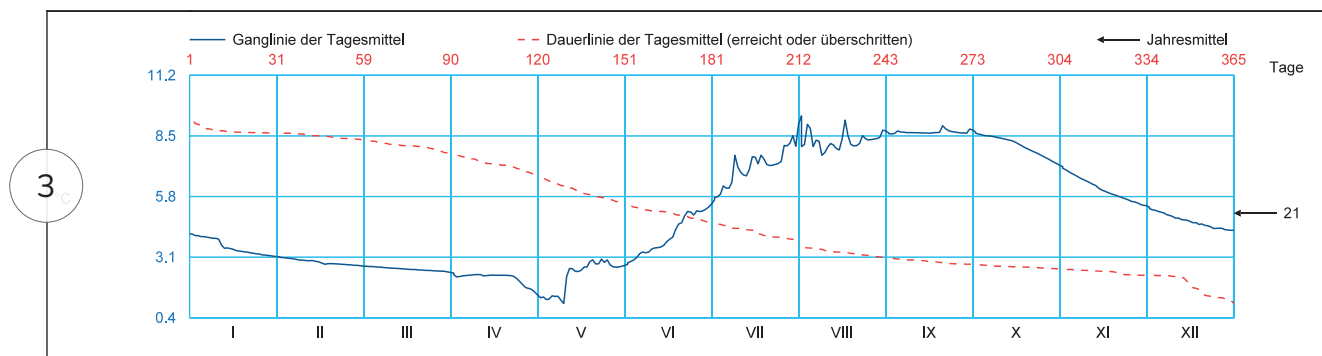
Annual table for groundwater temperature

1	Wassertemperatur	Davos - Boden	NAQUA NQG50
		Koordinaten 786736 / 182673	Höhe 1701.70 m ü.M.

1. The header of the groundwater temperature table contains the complete station title with the following information: station name, number, coordinates and altitude.

2021		Jan.	Feb.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	
		1	2	3	4	5	6	7	8	9	10	11	12	1
Tagesmittel	2	4.14 +	3.11 +	2.70 +	2.40 +	1.30	2.78 -	5.66 -	9.39 +	8.62	8.67 +	7.13 +	5.32 +	2
	3	4.12	3.09	2.69	2.32	1.29	2.85	5.76	8.03	8.60	8.62	7.06	5.26	2
	4	4.06	3.08	2.68	2.22	1.33	2.91	5.79	8.12	8.59 -	8.59	6.99	5.21	3
	5	4.06	3.07	2.68	2.24	1.21	2.97	5.91	9.02	8.62	8.55	6.91	5.19	4
	6	4.01	3.05	2.67	2.27	1.24	3.08	6.27	8.83	8.72	8.52	6.83	5.14	5
	7	4.01	3.03	2.66	2.28	1.38	3.26	6.18	8.03	8.68	8.51	6.76	5.10	6
	8	3.99	3.01	2.66	2.29	1.35	3.33	6.17	8.31	8.67	8.50	6.69	5.06	7
	9	3.97	2.98	2.64	2.31	1.36	3.30	6.44	8.26	8.65	8.47	6.61	4.99	8
	10	3.94	2.96	2.63	2.32	1.18	3.33	7.63	7.64 -	8.65	8.45	6.55	4.96	9
	11	3.94	2.95	2.62	2.33	1.04 -	3.46	7.11	7.76	8.64	8.42	6.49	4.91	10
°C	12	3.90	2.94	2.61	2.32	2.23	3.51	6.89	8.00	8.64	8.39	6.42	4.83	11
	13	3.84	2.95	2.60	2.27	2.59	3.53	6.76	8.17	8.64	8.37	6.35	4.84	12
	14	3.50	2.92	2.58	2.28	2.58	3.55	6.72	8.10	8.63	8.33	6.29	4.78	13
	15	3.51	2.89	2.58	2.29	2.47	3.63	7.02	7.94	8.63	8.31	6.17	4.76	14
	16	3.48	2.84	2.57	2.30	2.46	3.79	7.57	7.87	8.63	8.26	6.09	4.74	15
	17	3.45	2.79	2.56	2.30	2.52	3.90	7.56	8.36	8.62	8.21	6.04	4.69	16
	18	3.40	2.81	2.56	2.29	2.66	3.99	7.26	9.21	8.65	8.13	5.99	4.63	17
	19	3.38	2.81	2.55	2.29	2.67	4.33	7.64	8.51	8.65	8.06	5.93	4.64	18
	20	3.36	2.81	2.55	2.29	2.91	4.58	7.47	8.12	8.66	7.98	5.89	4.56	19
	21	3.34	2.80	2.53	2.29	2.98	4.64	7.23	8.06	8.96 +	7.92	5.84	4.58	20
+ Maximum	22	3.32	2.79	2.53	2.28	2.80	4.94	7.18	8.07	8.81	7.86	5.79	4.52	21
	23	3.29	2.78	2.51	2.25	2.80	5.14	7.20	8.17	8.74	7.80	5.75	4.50	22
	24	3.27	2.76	2.51	2.15	3.02 +	5.11	7.24	8.51	8.69	7.74	5.69	4.46	23
	25	3.25	2.76	2.51	2.02	2.87	4.98	7.28	8.38	8.67	7.68	5.64	4.38	24
	26	3.24	2.74	2.49	1.88	2.98	5.17	7.37	8.32	8.65	7.61	5.58	4.39	25
	27	3.20	2.74	2.49	1.74	2.76	5.13	8.08	8.34	8.64	7.55	5.56	4.39	26
	28	3.19	2.72	2.48	1.71	2.67	5.16	8.06	8.36	8.63	7.48	5.51	4.38	27
	29	3.18	2.70 -	2.47	1.66	2.66	5.23	8.18	8.39	8.62	7.40	5.45	4.32	28
	30	3.16		2.47	1.55	2.67	5.33	8.51	8.44	8.81	7.33	5.41	4.31	29
	31	3.14		2.44	1.41 -	2.70	5.48 +	8.04	8.76	8.76	7.27	5.39 -	4.30	30
		3.12 -		2.42 -		2.73		9.05 +	8.73		7.20 -		4.30 -	31
Monatsmittel		3.57	2.89	2.57	2.15 -	2.24	4.08	7.14	8.33	8.67 +	8.07	6.16	4.72	°C
Maximum (Spitze) Datum		4.27 1.	3.12 1.	2.72 1.	2.41 - 1.	3.22 23.	5.55 1.	9.29 31.	9.61 + 1.	9.02 20.	8.70 1.	7.21 1.	5.48 1.	°C
Amplitude		1.15	0.42	0.31 -	1.09	2.24	2.80	3.75 +	1.99	0.44	1.57	1.98	1.38	°C
Jahr		Mittel 5.06 Maximum (Spitze) 9.61 (01.08.2021) Minimum (absolut) 0.98 (10.05.2021) Amplitude 8.64												

2. The upper section of the table shows the daily means of the groundwater temperature for the reporting year. The monthly highs throughout the year are indicated, as are the dates on which they occurred. The amplitude indicates the difference between the monthly highs and lows (peaks). The highs and lows in each section are marked + and - respectively.



3. The chart shows the daily means for the reporting year as a hydrograph (solid line) and, ordered by size, as a groundwater temperature duration curve (dashed line). The annual mean is indicated by an arrow on the right edge of the chart.

4

Periode	2009 - 2021 (13 Jahre)											
Monatsmittel	3.86	3.07	2.67	2.12 -	3.17	5.32	7.38	8.91	9.24 +	8.21	6.38	4.86 °C
Maximum (Spitze)	4.70 2020	4.00 2018	3.10 - 2014	3.10 2011	5.60 2011	8.30 2014	10.60 2015	10.80 + 2012	10.70 2017	9.24 2020	7.70 2012	5.90 2015 °C
Minimum (absolut)	2.60 2017	2.00 2010	1.80 2017	1.00 2016	0.98 - 2021	2.75 2021	4.70 2019	6.80 2014	8.58 + 2021	6.70 2010	5.07 2020	3.10 2009 °C
Amplitude	1.90 2017	1.30 2010	0.60 - 2016	1.70 2020	2.80 2015	4.60 + 2017	3.90 2015	3.40 2014	2.10 2017	2.51 2020	2.10 2009	2.60 2009 °C
Periode	Mittel 5.62 °C Maximum (Spitze) 10.80 °C (26.08.2012) Minimum (absolut) 0.98 °C (10.05.2021) Amplitude 9.82											

4. The lower section of the annual table contains statistical values for the longest possible observation period. The part of the table containing the data for the overall period shows the monthly mean, the peak values, the minimum instantaneous values and the amplitude for each month. The bottom line shows the mean, the highest and lowest instantaneous value as well as the amplitude for the period.

Tabelle mit Dauern (erreicht oder überschritten)													
Tage	1	3	6	9	18	36	55	73	91	114	137	160	
2021	9.39	9.05	8.83	8.76	8.67	8.62	8.37	8.08	7.64	7.02	5.93	5.19	°C
2009 - 2021	10.08	9.81	9.67	9.60	9.39	8.99	8.64	8.30	7.81	7.01	6.17	5.51	°C
Tage	182	205	228	251	274	292	310	329	347	356	362	365	
2021	4.63	3.99	3.32	2.98	2.78	2.66	2.53	2.32	2.22	1.38	1.24	1.04	°C
2009 - 2021	4.82	4.34	3.87	3.27	3.00	2.86	2.70	2.52	2.29	1.96	1.43	1.21	°C

5. The 'Groundwater temperature duration' section shows 24 data points of the duration curve for the reporting year and for the overall period. The duration (number of days) in the reporting year is calculated for all 24 data points as follows: starting with the highest value, all daily means observed at the station are arranged in descending order.

Any footnotes below the table refer to specific features to be considered when interpreting the data. Also, any additions, clarifications or references to other observation series etc. which may be necessary are made here.

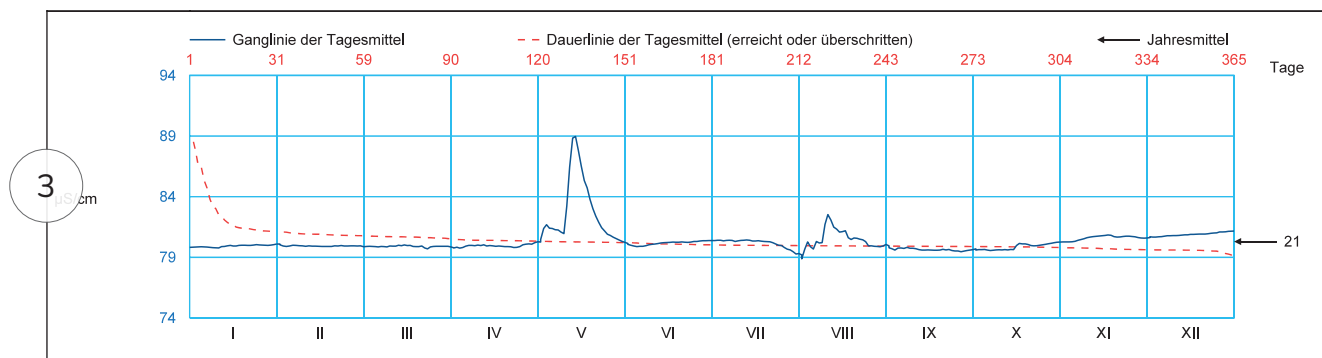
Annual table for groundwater electrical conductivity

1	Leitfähigkeit	Davos - Boden	NAQUA NQG50
		Koordinaten 786736 / 182673	Höhe 1701.70 m ü.M.

1. The header of the conductivity table contains the complete station title with the following information: station name, number, coordinates and altitude.

2021		Jan.	Feb.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	
	1	79.8	80.1 +	79.9	79.8	80.3	80.1	80.4	79.2	80.0 +	79.7	80.3 -	80.6 -	1
	2	79.8	80.0	79.9	79.8	80.5	80.1	80.4	78.9 -	79.8	79.6	80.3	80.7	2
	3	79.9	79.9	79.9	79.8	81.4	80.0	80.4	79.7	79.7	79.6	80.3	80.7	3
	4	79.9	79.9	79.9	79.8 -	81.7	79.9	80.4	80.3	79.6	79.6	80.3	80.7	4
	5	79.9	79.9	79.9	79.8	81.4	79.9 -	80.4	79.9	79.8	79.6	80.3	80.7	5
	6	79.9	80.0	79.9	79.9	81.4	79.9	80.4	79.7	79.8	79.6	80.3	80.7	6
	7	79.8	80.0	79.9	80.0	81.3	79.9	80.4	80.3	79.7	79.6	80.4	80.7	7
	8	79.8	80.0	79.9	80.0	81.3	80.0	80.4	80.2	79.8	79.6	80.5	80.8	8
	9	79.8	79.9	79.9	80.0	81.1	80.0	80.3	80.2	79.8	79.6	80.5	80.8	9
	10	79.8	79.9	79.9	80.0	81.0	80.1	80.4	81.7	79.7	79.6	80.6	80.8	10
	11	79.8 -	80.0	79.9	80.0	83.2	80.1	80.4	82.5 +	79.7	79.6	80.7	80.8	11
	12	79.9	79.9	80.0	80.0	86.4	80.1	80.4	82.1	79.6	79.6	80.7	80.8	12
	13	79.9	79.9	80.0	79.9	88.8	80.2	80.4 +	81.5	79.6	79.6	80.7	80.8	13
	14	79.9	79.9	80.0	80.0	89.0	80.2	80.4	81.3	79.6	79.7	80.8	80.9	14
	15	80.0	79.9	80.0 +	80.0	87.8	80.2	80.3	81.1	79.6	79.6	80.8	80.9	15
	16	79.9	79.9	80.0	79.9	86.5	80.2	80.3	81.1	79.6	80.0	80.8	80.9	16
	17	79.9	79.9	80.0	79.9	85.3	80.3	80.4	81.2	79.6	80.1	80.8 +	80.9	17
	18	80.0	79.9	79.9	79.9	84.7	80.2	80.3	80.6	79.6	80.1	80.8	80.9	18
	19	80.0	80.0	79.9	79.9	83.8	80.2	80.3	80.5	79.6	80.1	80.7	80.9	19
	20	80.0	79.9	79.9	79.9	83.0	80.3	80.3	80.6	79.7	80.1	80.7	80.9	20
	21	80.0	80.0	79.9	79.9	82.4	80.2	80.3	80.6	79.6	80.0	80.7	80.9	21
	22	80.0	79.9	79.8	79.8	81.9	80.2	80.2	80.5	79.7	79.9	80.7	80.9	22
	23	80.0	79.9	79.7 -	79.8	81.4	80.3	80.1	80.5	79.6	80.0	80.7	81.0	23
	24	80.0	79.9	79.9	79.9	81.2	80.3	80.0	80.3	79.5	80.0	80.7	81.0	24
	25	80.0	79.9	79.9	80.0	80.9	80.3	80.0	80.0	79.5	80.0	80.7	81.0	25
	26	80.0	79.9	79.9	80.1	80.8	80.3	79.8	80.0	79.5 -	80.1	80.7	81.1	26
	27	80.0	79.9	79.9	80.1	80.7	80.4	79.7	79.9	79.5	80.1	80.6	81.1	27
	28	80.0	79.9 -	79.9	80.1	80.5	80.4	79.6	79.9	79.6	80.2	80.6	81.1	28
	29	80.0		79.9	80.2	80.4	80.4	79.5	79.9	79.6	80.2	80.6	81.1	29
	30	80.0		79.9	80.3 +	80.3	80.4 +	79.3 -	79.9	79.6	80.2	80.6	81.2	30
	31	80.1 +		79.9		80.2 -		79.3	80.1		80.3 +		81.2 +	31
Monatsmittel		79.9	79.9	79.9	79.9	82.6 +	80.2	80.2	80.4	79.6 -	79.9	80.6	80.9	µS/cm
Maximum (Spitze) Datum		80.2 31.	80.2 1.	80.1 15.	80.3 30.	89.2 + 13.	80.4 30.	80.5 14.	82.7 11.	80.1 - 1.	80.3 31.	81.0 18.	81.3 27.	µS/cm
Amplitude		0.5	0.4 -	0.5	0.6	9.0 +	0.6	1.4	4.0	0.7	0.8	0.8	0.8	µS/cm
Jahr		Mittel 80.3			Maximum (Spitze) 89.2 (13.05.2021)			Minimum (absolut) 78.7 (02.08.2021)			Amplitude 10.5			

2. The upper section of the table shows the daily means of the electrical conductivity for the reporting year. The monthly highs throughout the year are indicated, as are the dates on which they occurred. The amplitude indicates the difference between the monthly highs and lows (peaks). The highs and lows in each section are marked + and - respectively.



3. The chart shows the daily means for the reporting year as a hydrograph (solid line) and, ordered by size, as a conductivity duration curve (dashed line). The annual mean is indicated by an arrow on the right edge of the chart.

4

Periode	2009 - 2021 (13 Jahre)												
Monatsmittel	77.2	77.2	76.8	76.4 -	76.9	76.8	76.4	76.5	76.7	77.1	76.9	77.4 +	µS/cm
Maximum (Spitze)	80.3 2019	80.2 2021	80.1 - 2021	80.3 2021	89.2 + 2021	80.4 2021	80.5 2021	82.7 2021	81.0 2017	81.0 2017	82.0 2017	81.3 2021	µS/cm
Minimum (absolut)	75.0 + 2012	74.0 2013	74.0 2012	72.0 2012	72.0 2012	71.0 - 2012	72.0 2012	72.0 2012	72.0 2012	73.0 2011	73.0 2012	73.9 2019	µS/cm
Amplitude	2.0 2012	5.0 2014	3.0 2014	6.0 2012	9.0 + 2021	3.4 2010	3.0 2019	5.0 2014	3.0 2011	2.1 2013	4.0 2016	2.2 2019	µS/cm
Periode	Mittel 76.8 µS/cm Maximum (Spitze) 89.2 µS/cm (13.05.2021) Minimum (absolut) 71.0 µS/cm (05.06.2012) Amplitude 18.2												

4. The lower section of the annual table contains statistical values for the longest possible observation period. The part of the table containing the data for the overall period shows the monthly mean, the peak values, the minimum instantaneous values and the amplitude for each month. The bottom line shows the mean, the highest and lowest instantaneous value as well as the amplitude for the period.

Tabelle mit Dauern (erreicht oder überschritten)													
Tage	1	3	6	9	18	36	55	73	91	114	137	160	
2021	89.0	87.8	85.3	83.2	81.4	81.0	80.8	80.7	80.5	80.4	80.3	80.1	µS/cm
2009 - 2021	87.8	83.2	81.4	81.2	80.8	80.4	80.1	80.0	79.9	79.7	79.6	79.2	µS/cm
Tage	182	205	228	251	274	292	310	329	347	356	362	365	
2021	80.0	80.0	79.9	79.9	79.9	79.9	79.8	79.6	79.6	79.6	79.3	78.9	µS/cm
2009 - 2021	77.2	77.0	76.7	76.0	75.0	74.0	73.8	73.0	72.5	72.3	72.0	71.9	µS/cm

5. The 'Conductivity duration' section shows 24 data points of the duration curve for the reporting year and for the overall period. The duration (number of days) in the reporting year is calculated for all 24 data points as follows: starting with the highest value, all daily means observed at the station are arranged in descending order.

Any footnotes below the table refer to specific features to be considered when interpreting the data. Also, any additions, clarifications or references to other observation series etc. which may be necessary are made here.