

TEIL 1 :

**NIEDERSCHLÄGE**

## Erläuterungen

Die nachfolgenden Tabellen geben Auskunft über die Niederschlagsdaten aller derzeit bestehenden Niederschlagsmessstationen im Kanton Uri.

Der Tabellenkopf enthält nebst dem Stationsnamen und dem zugehörigen Stationsindikator die Angaben über das Flussgebiet, die Lage der Station im Landeskoordinatensystem sowie die Stationshöhe in Metern über Meer.

Die Tabelle der täglichen Niederschlagshöhen gibt die Tagessummen in Millimetern (bzw. Litern pro Quadratmeter) für die Zeit zwischen 07:00 Uhr bis 07:00 Uhr des Folgetages an. Am Fuss der Tabelle sind für jeden Monat die gesamte Niederschlagssumme, die grösste tägliche Niederschlagsmenge mit dem betreffenden Kalendertag sowie die Anzahl der Tage mit mehr als einem Millimeter Niederschlag angegeben. Der jeweils höchsten Monatssumme und der höchsten Tagesmenge des Jahres wurde ein + vorangestellt.

Für das gesamte Jahr folgen dann die Anzahl der Tage, an denen die Niederschlagshöhe die Schwellenwerte 0.1 mm, 0.3 mm, 5 mm, 10 mm, 20 mm, 50 mm und 100 mm erreicht oder überschritten hat sowie die Jahressumme und die Gesamtzahl der Niederschlagstage mit einem Millimeter und mehr.

Die Abbildungen geben für das betreffende Jahr die täglichen Niederschlagshöhen (Skalierung links) und eine Summenkurve in Millimetern (Skalierung rechts) sowie die monatlichen Niederschlagssummen (Skalierung links) und die Jahressummen (Skalierung rechts) der 12 letzten Jahre an.

Zwischen den beiden Grafiken sind die Jahressummen und das Jahresmaximum inklusive Datum angegeben. Zum Vergleich sind die durchschnittliche Jahressumme der letzten 12 Jahre und der Normalwert aufgeführt. Dieser entspricht, wenn nichts anderes angegeben ist, der mittleren jährlichen Niederschlagsmenge der Jahre 1961 bis 1990, respektive der mittleren jährlichen Niederschlagsmenge der Jahre 1981 bis 2010 (beide Angaben vorhanden). Für die Stationen Bristen und Unterschächen, die 1982 ihren Betrieb aufgenommen haben, wurden die Normalwerte für die Periode 1961 bis 1990 synthetisch ermittelt. D.h. für die fehlenden Jahre wurden Niederschlagsdaten verschiedener umliegender Stationen herangezogen. Das gleiche gilt für die Station Göschenen.

Die Lage der Stationen ist aus der Karte 1 im Teil 5 des Jahrbuchs ersichtlich. Von einer graphischen Darstellung des Niederschlags mittels Isolinien wurde abgesehen, da in einer Hochgebirgslandschaft, wie sie das Kantonsgebiet darstellt, die Niederschlagsverteilung äusserst ungleichmässig ist.

## Übersicht

### Niederschlags-Messstationen der MeteoSchweiz (früher SMA)

SMA-Nr.	MESSSTATION	KOORDINATEN	STATIONS-HÖHE (m ü. M.)	ART*	MESS-PERIODE	SEITE
3140	Urnerboden	712650/195250	1395	B	2015-2017	9
4020	Gütsch	690140/167590	2288	A	1955-2017	10
4040	Andermatt	688500/165340	1442	B	<1900-2017	11
4060	Göschener Alp	681240/166800	1745	C	1955-2017	12
4080	Göschenen	687730/169030	1111	C	1985-2017	13
4118	Bristen	696700/180300	828	C	1982-2017	14
4133	Unterschächen	702090/192140	1510	C	1982-2017	15
4140	Altdorf	691000/191750	451	A	<1900-2017	16
4170	Isenthal	685460/196110	778	C	1900-2017	17

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\* A: automatische Wetterstation  
B: konventionelle Klimastation  
C: Regenmessstation

# Niederschlag: Tagessummen

Flussgebiet: Limmat

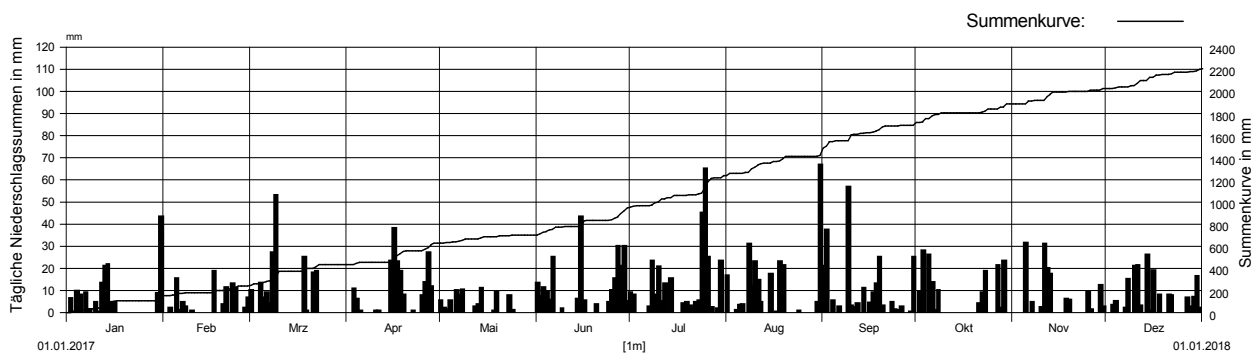
Messstelle: Urnerboden

Kurzname: URB Indikativ: 3140

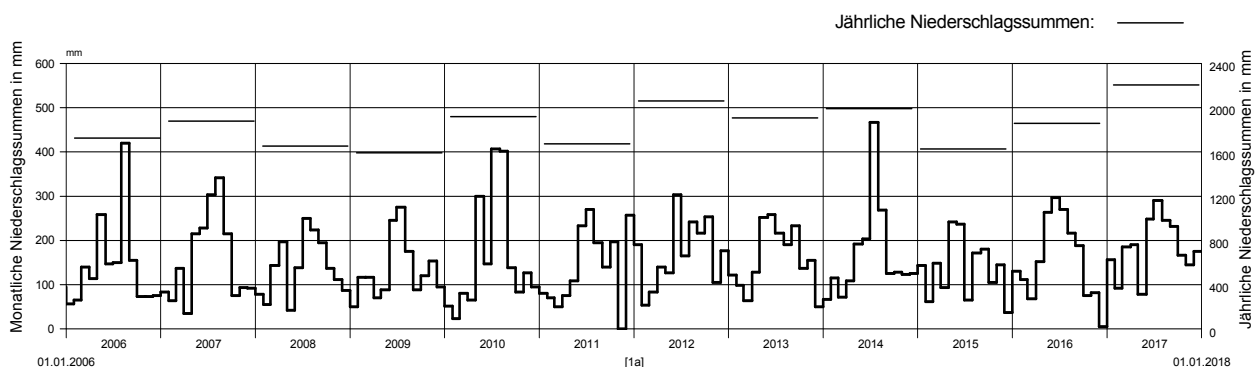
Koordinaten: 2'712'650 / 1'195'250

Stationshöhe: 1'395 m ü.M.

2017		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember									
Tages- summen Niederschlag in mm                       + Maximum - Minimum	1	0.0 -	0.0 -	10.0	0.0 -	5.2	13.4	9.0	16.8	21.0	0.0 -	0.0 -	0.0 -	1								
	2	6.2	0.0 -	0.0 -	0.0 -	2.0	7.4	7.9	0.0 -	37.5	9.2	0.0 -	0.0 -	2								
	3	0.2	2.0	0.0 -	10.5	1.5	11.5	0.0 -	0.0 -	0.0 -	28.0 +	0.0 -	3.5	3								
	4	9.8	0.0 -	13.5	6.0	5.5	9.5	0.0 -	1.0	5.5	0.0 -	0.0 -	5.1	4								
	5	7.9	15.2	6.5	0.5	0.0 -	5.6	0.0 -	3.5	0.0 -	26.0	31.5 +	0.0 -	5								
	6	0.0 -	1.0	8.9	0.0 -	10.0	25.0	0.0 -	3.8	2.5	13.6	0.0 -	0.0 -	6								
	7	8.9	4.7	4.0	0.0 -	8.0	0.0 -	2.5	0.0 -	0.0 -	1.1	4.5	2.0	7								
	8	1.2	2.5	27.0	0.0 -	10.2	0.0 -	23.5	31.0	0.0 -	10.0	0.0 -	14.9	8								
	9	0.0 -	0.0 -	53.0 +	0.0 -	0.0 -	1.6	8.0	12.0	56.6 +	0.0 -	0.0 -	0.1	9								
	10	4.5	0.6	0.0 -	0.5	0.0 -	0.0 -	20.8	22.9	3.0	0.0 -	2.3	21.0	10								
	11	0.4	0.0 -	0.0 -	0.6	0.0 -	0.0 -	5.0	14.8	2.3	0.0 -	31.0	21.5	11								
	12	13.5	0.0 -	0.0 -	0.0 -	2.8	0.0 -	13.0	4.5	4.1	0.0 -	20.0	3.0	12								
	13	20.9	0.0 -	0.0 -	0.0 -	3.8	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	17.4	0.0 -	13								
	14	21.8	0.0 -	0.0 -	0.0 -	11.0 +	6.0	15.5	0.0 -	11.0	0.0 -	0.0 -	26.1 +	14								
	15	4.8	0.0 -	0.0 -	23.2	0.0 -	43.5 +	0.0 -	17.5	0.1	0.0 -	0.0 -	0.5	15								
	16	4.5	0.0 -	0.0 -	38.0 +	0.0 -	5.5	0.0 -	0.0 -	4.3	0.0 -	0.0 -	19.1	16								
	17	0.0 -	18.5 +	0.0 -	23.0	0.0 -	0.0 -	0.0 -	0.2	9.0	0.0 -	0.0 -	0.0 -	17								
	18	0.0 -	0.0 -	25.0	18.5	0.8	0.0 -	4.0	22.9	13.0	0.0 -	6.0	8.0	18								
	19	0.0 -	0.0 -	0.5	8.0	9.5	0.0 -	4.5	21.3	24.9	0.0 -	5.7	0.0 -	19								
	20	0.0 -	3.6	0.0 -	0.0 -	0.0 -	3.6	3.0	0.0 -	3.0	0.0 -	0.0 -	0.0 -	20								
	21	0.0 -	11.5	18.0	0.0 -	0.0 -	0.0 -	1.0	0.0 -	0.0 -	4.0	0.0 -	8.1	21								
	22	0.0 -	0.0 -	18.5	0.6	0.0 -	0.0 -	4.5	0.0 -	0.0 -	9.0	0.0 -	7.8	22								
	23	0.0 -	13.1	0.0 -	0.0 -	7.8	0.1	5.4	0.0 -	4.5	18.5	0.0 -	0.0 -	23								
	24	0.0 -	11.0	0.0 -	0.0 -	1.0	4.8	45.0	0.8	1.2	0.0 -	0.0 -	0.0 -	24								
	25	0.0 -	0.0 -	0.0 -	7.8	0.0 -	10.0	65.0 +	0.0 -	0.9	0.0 -	9.5	0.0 -	25								
	26	0.0 -	0.0 -	0.0 -	13.8	0.0 -	15.5	25.0	0.0 -	2.5	0.0 -	1.5	0.0 -	26								
	27	0.0 -	2.0	0.0 -	27.0	0.0 -	30.0	2.4	0.0 -	0.0 -	21.5	0.0 -	6.7	27								
	28	0.0 -	6.7	0.0 -	11.8	0.0 -	21.0	0.0 -	0.0 -	0.0 -	2.0	0.1	2.5	28								
	29	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	30.0	1.8	0.0 -	0.3	23.5	12.3	7.0	29								
	30	8.5	0.0 -	0.0 -	0.0 -	0.0 -	5.0	23.4	4.5	25.0	0.0 -	2.8	16.2	30								
	31	43.5 +	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	66.7 +	0.0 -	0.0 -	0.0 -	2.0	31								
Monatssumme	156.6	92.4	184.9	189.8	79.1 -	249.0	290.2 +	244.2	232.2	166.4	144.6	175.1										
Maximum	43.5	18.5	53.0	38.0	11.0 -	43.5	65.0	66.7 +	56.6	28.0	31.5	26.1	mm									
Datum (Tag)	31.	17.	9.	16.	14.	15.	25.	31.	9.	3.	5.	14.										
Niederschlagstage	13	12	10	11	13	18	21	14	18	12	12	17	d									
Niederschlagstage grösser / gleich als:	189 ≥0.1			183 ≥0.3			118 ≥5.0			78 ≥10.0			41 ≥20.0			4 ≥50.0			0 ≥100.0			mm
Jahreswerte:	Gesamtniederschlag (1a): 2204.5 mm												Niederschlagstage (≥1.0 mm): 171									



2006-2017	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Jahressumme	1728.1	1880.2	1655.7	1592.2 -	1919.1	1673.8	2058.0	1904.0	1992.5	1625.7	1858.4	2204.5 +	mm
Jahresmaximum	64.5	64.5	52.2 -	93.5	93.6	57.8	91.3	96.4 +	64.5	70.5	86.5	66.7	
Datum (Tag.Monat)	16.9.	15.6.	12.7.	17.7.	5.8.	13.7.	9.10.	1.6.	31.8.	20.11.	16.6.	31.8.	
Durchschnittliche Jahressumme 2006-2017 (nur vollständige Jahre):	1841 mm				Normwert 1981-2010: 1836 mm				Normwert 1961-1990: 1814 mm				



# Niederschlag: Tagessummen Flussgebiet: Reuss

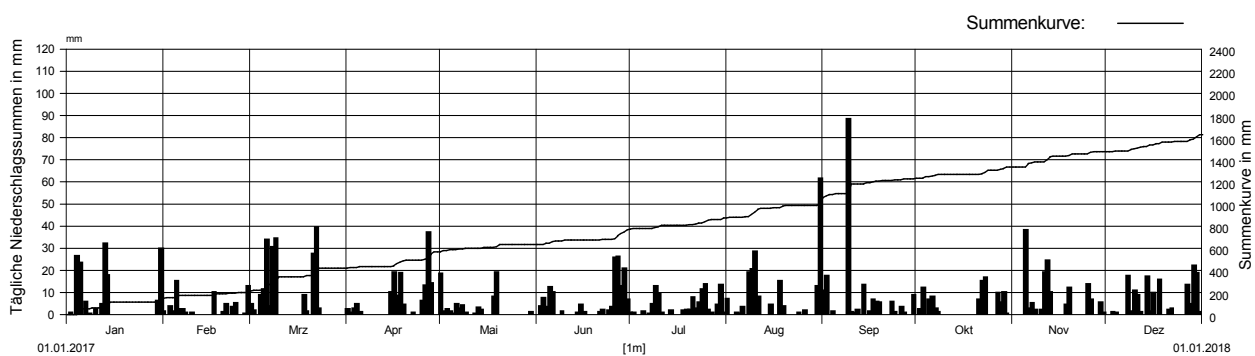
Messstelle: Gütsch, Andermatt

Kurzname: GUE Indikativ: 4020

Koordinaten: 2°690'050 / 1°167'475

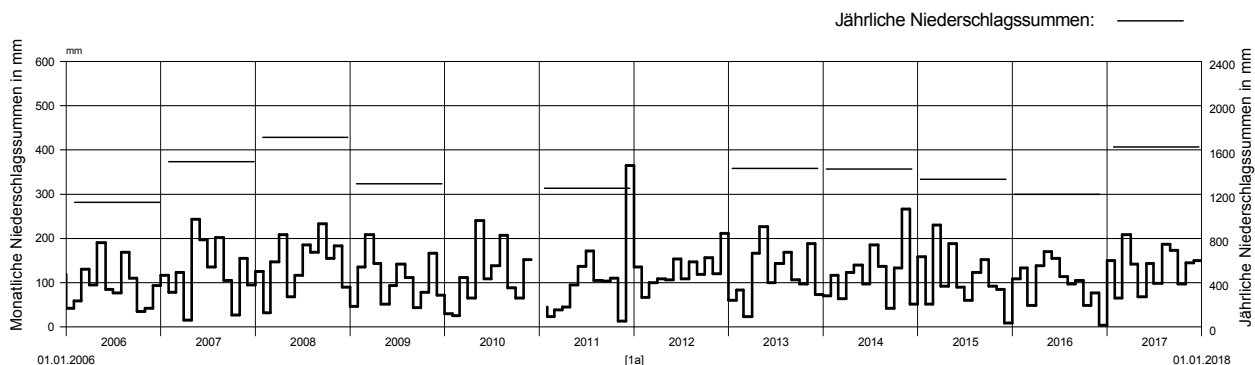
Stationshöhe: 2'283 m ü.M.

2017		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tages-	1	0.0 -	1.2	4.7	2.2	18.2	0.0 -	0.7	6.9	10.6	0.0 -	0.0 -	0.0 -	1
summen	2	0.8	0.0 -	1.6	0.6	1.3	3.8	0.5	0.0 -	17.2	2.4	0.0 -	0.0 -	2
Niederschlag	3	0.1	3.8	0.0 -	2.6	2.4	7.3	0.0 -	0.0 -	0.0 -	12.1	0.0 -	0.9	3
in mm	4	26.4	1.5	8.8	4.5	1.4	3.5	0.0 -	0.7	1.3	0.0 -	0.1	0.8	4
	5	23.4	14.9 +	11.5	1.1	0.2	12.3	1.5	0.2	0.0 -	6.6	38.1 +	0.0 -	5
	6	0.0 -	2.4	33.7	0.1	4.5	9.9	0.0 -	3.3	0.0 -	8.0	2.7	0.0 -	6
	7	5.8	2.4	3.7	0.0 -	2.7	0.0 -	0.4	0.0 -	0.0 -	2.7	5.0	0.1	7
	8	0.3	0.7	30.4	0.0 -	4.1	0.0 -	4.7	19.1	0.0 -	1.1	2.0	17.4	8
	9	0.0 -	0.0 -	34.2	0.0 -	0.6	1.3	12.5	20.4	88.2 +	0.0 -	0.0 -	1.5	9
	10	2.2	0.5	0.0 -	0.1	0.0 -	0.0 -	9.3	28.4	1.1	0.0 -	1.9	10.7	10
	11	0.1	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.6	8.1	0.5	0.0 -	19.1	8.6	11
	12	4.6	0.0 -	0.0 -	0.0 -	0.2	0.0 -	0.0 -	0.0 -	1.9	0.0 -	24.3	1.0	12
	13	32.1 +	0.0 -	0.0 -	0.0 -	3.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	10.0	0.1	13
	14	17.7	0.0 -	0.0 -	0.0 -	2.1	0.7	1.6	0.0 -	13.2	0.0 -	0.0 -	17.0	14
	15	0.0 -	0.0 -	0.0 -	9.9	0.0 -	4.3	0.0 -	4.2	0.0 -	0.0 -	0.0 -	1.3	15
	16	0.0 -	0.0 -	0.0 -	19.1	0.0 -	1.0	0.0 -	0.0 -	1.2	0.0 -	0.0 -	9.7	16
	17	0.0 -	10.0	0.0 -	8.3	0.0 -	0.0 -	0.0 -	0.0 -	6.7	0.0 -	0.0 -	0.0 -	17
	18	0.0 -	0.0 -	8.8	18.5	8.0	0.0 -	1.8	15.0	5.8	0.0 -	4.2	15.6	18
	19	0.0 -	0.0 -	1.4	4.3	19.0 +	0.0 -	2.0	3.8	5.4	0.0 -	11.9	0.1	19
	20	0.0 -	0.9	0.0 -	0.0 -	0.0 -	0.0 -	2.1	0.0 -	0.1	0.0 -	0.0 -	0.0 -	20
	21	0.0 -	4.5	27.5	0.0 -	0.0 -	1.0	7.8	0.0 -	0.0 -	6.8	0.1	1.9	21
	22	0.0 -	0.0 -	39.3 +	0.8	0.0 -	2.0	2.6	0.0 -	0.0 -	15.1	0.0 -	2.5	22
	23	0.0 -	3.3	2.7	0.0 -	0.0 -	0.0 -	5.4	0.0 -	5.7	16.6 +	0.0 -	0.0 -	23
	24	0.0 -	5.1	0.0 -	0.0 -	0.0 -	1.7	11.3	0.6	1.0	0.0 -	0.0 -	0.0 -	24
	25	0.0 -	0.0 -	0.1	6.0	0.0 -	3.4	13.7 +	0.0 -	0.0 -	0.0 -	13.8	0.0 -	25
	26	0.0 -	0.0 -	0.0 -	13.0	0.0 -	25.6	1.9	1.7	3.4	0.0 -	6.5	0.0 -	26
+ Maximum	27	0.0 -	0.3	0.0 -	37.0 +	0.0 -	26.1 +	0.6	0.0 -	0.8	9.6	0.0 -	13.5	27
- Minimum	28	0.0 -	12.7	0.0 -	13.9	0.0 -	12.6	0.0 -	0.0 -	0.0 -	5.5	0.0 -	4.8	28
	29	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	20.6	4.2	0.0 -	0.0 -	10.0	5.3	22.0 +	29
	30	6.1	0.0 -	0.0 -	0.0 -	1.0	6.7	13.2	12.5	8.5	0.3	0.6	18.7	30
	31	29.6	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.5	61.4 +	0.0 -	0.0 -	0.0 -	1.0	31
Monatssumme		149.2	64.2 -	208.4+	142.0	68.7	143.8	98.9	186.3	172.6	96.8	145.6	149.2	
Maximum		32.1	14.9	39.3	37.0	19.0	26.1	13.7 -	61.4	88.2 +	16.6	38.1	22.0	mm
Datum (Tag)		13.	5.	22.	27.	19.	27.	25.	31.	9.	23.	5.	29.	
Niederschlagstage		9	11	13	13	12	17	16	12	15	12	13	16	d
Niederschlagstage grösser / gleich als:		197 ≥0.1			183 ≥0.3	89 ≥5.0	57 ≥10.0	20 ≥20.0	2 ≥50.0	0 ≥100.0				mm
Jahreswerte:		Gesamtniederschlag (1a): 1625.7 mm						Niederschlagstage (≥1.0 mm): 159						



2006-2017	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Jahressumme	1124.7-	1491.4	1713.6+	1295.6	--	1251.2	--	1432.7	1427.3	1330.6	1196.7	1625.7	mm
Jahresmaximum	45.7 -	60.7	91.5	91.8	61.9	50.0	75.6	93.9	117.9 +	95.0	73.1	88.2	
Datum (Tag, Monat)	22.5.	10.11.	21.11.	30.11.	2.5.	22.12.	20.1.	19.4.	5.11.	30.3.	16.6.	9.9.	

Durchschnittliche Jahressumme 2006-2017 (nur vollständige Jahre): 1389 mm Normwert 1981-2010: 1453 mm Normwert 1961-1990: 1479 mm



# Niederschlag: Tagessummen

Flussgebiet: Reuss

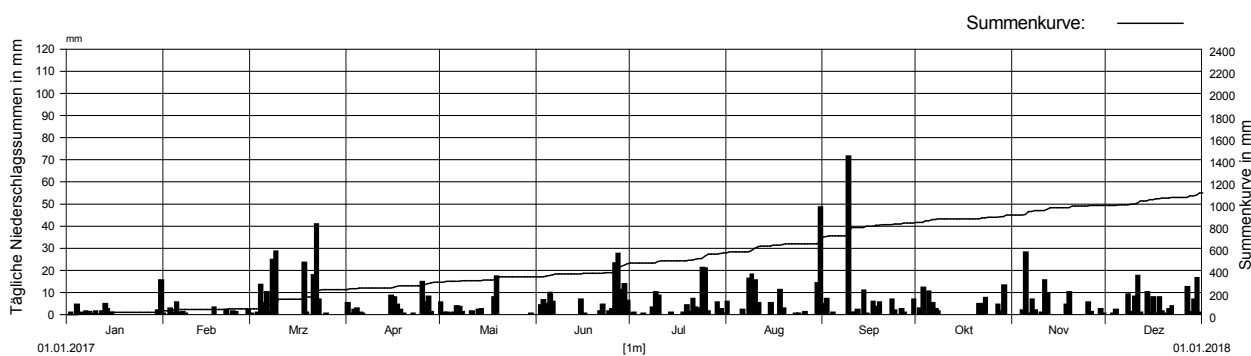
Messstelle: Andermatt

Kurzname: ANT Indikativ: 4040

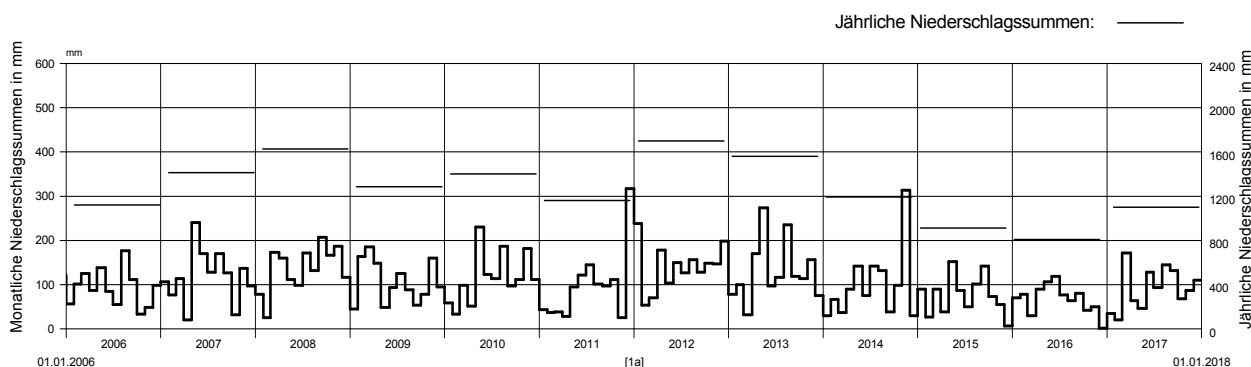
Koordinaten: 2°687'444 / 1°165'044

Stationshöhe: 1'438 m ü.M.

2017		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tages- summen Niederschlag in mm	1	0.0 -	0.3	0.4	5.0	5.5	0.0 -	0.4	5.8	4.8	0.0 -	0.0 -	0.0 -	1		
	2	0.5	0.0 -	0.1	0.2	0.7	4.1	0.7	0.0 -	7.1	2.7	0.0 -	0.0 -	2		
	3	0.0 -	2.8	0.6	2.0	0.6	6.2	0.0 -	0.0 -	0.0 -	12.0	0.0 -	0.2	3		
	4	4.3	0.5	13.3	2.7	0.4	4.7	0.0 -	0.0 -	0.8	0.0 -	1.7	2.1	4		
	5	0.5	5.5 +	5.1	0.8	0.7	9.8	0.4	0.0 -	0.0 -	10.4	28.1 +	0.0 -	5		
	6	0.0 -	0.6	9.9	0.2	3.6	5.7	0.0 -	1.9	0.0 -	5.0	0.2	0.0 -	6		
	7	1.2	1.0	0.6	0.0 -	3.2	0.0 -	0.0 -	0.0 -	0.0 -	2.2	6.8	0.0 -	7		
	8	1.0	0.2	24.5	0.0 -	1.1	0.0 -	2.9	15.9	0.0 -	1.4	1.7	9.0	8		
	9	0.0 -	0.0 -	28.2	0.0 -	0.1	0.1	10.1	17.9	71.3 +	0.1	0.0 -	1.0	9		
	10	1.2	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	8.2	15.3	0.5	0.0 -	0.5	8.0	10		
	11	0.1	0.0 -	0.0 -	0.1	1.3	0.0 -	0.0 -	5.1	0.7	0.0 -	15.2	17.5 +	11		
	12	1.5	0.0 -	0.0 -	0.0 -	0.1	0.0 -	0.1	0.0 -	2.0	0.0 -	9.3	0.6	12		
	13	4.7	0.0 -	0.0 -	0.0 -	2.1	0.0 -	0.0 -	0.0 -	0.1	0.0 -	0.1	0.0 -	13		
	14	2.2	0.0 -	0.0 -	0.0 -	2.4	0.0 -	0.8	0.0 -	10.8	0.0 -	0.0 -	10.1	14		
	15	0.7	0.0 -	0.0 -	8.4	0.0 -	6.6	0.0 -	5.1	0.2	0.0 -	0.0 -	1.1	15		
	16	0.0 -	0.0 -	0.0 -	7.7	0.0 -	0.4	0.0 -	0.0 -	0.1	0.0 -	0.0 -	7.6	16		
	17	0.0 -	2.9	0.0 -	4.3	0.0 -	0.0 -	0.0 -	0.0 -	5.8	0.0 -	0.0 -	0.3	17		
	18	0.0 -	0.0 -	23.4	2.0	7.7	0.0 -	0.6	10.9	3.4	0.0 -	4.3	7.7	18		
	19	0.0 -	0.0 -	0.7	0.3	17.0 +	0.0 -	3.9	2.6	5.2	0.0 -	9.9	1.4	19		
	20	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	1.0	0.0 -	0.1	0.0 -	0.0 -	0.4	20		
	21	0.0 -	2.1	17.6	0.0 -	0.0 -	1.3	7.1	0.0 -	0.0 -	4.6	0.0 -	2.3	21		
	22	0.0 -	0.0 -	40.6 +	0.2	0.0 -	4.3	2.9	0.0 -	0.0 -	4.5	0.0 -	3.6	22		
	23	0.0 -	1.2	6.8	0.0 -	0.0 -	0.0 -	2.8	0.2	6.8	7.4	0.0 -	0.0 -	23		
	24	0.0 -	1.1	0.0 -	0.0 -	0.0 -	1.3	20.9 +	0.2	1.6	0.0 -	0.0 -	0.0 -	24		
	25	0.0 -	0.0 -	0.3	14.8 +	0.0 -	2.2	20.8	0.0 -	0.0 -	0.0 -	5.3	0.0 -	25		
	26	0.0 -	0.0 -	0.0 -	5.3	0.0 -	22.9	1.4	1.0	2.4	0.0 -	0.9	0.0 -	26		
	27	0.0 -	0.0 -	0.0 -	7.9	0.0 -	27.2 +	0.0 -	0.0 -	0.6	4.3	0.0 -	12.3	27		
	28	0.0 -	2.1	0.0 -	1.1	0.0 -	11.0	0.0 -	0.0 -	0.0 -	1.4	0.0 -	0.9	28		
	29	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	13.8	5.2	0.0 -	0.0 -	13.0 +	2.4	6.8	29		
	30	1.8	0.0 -	0.0 -	0.0 -	0.2	6.1	2.4	14.1	6.7	0.0 -	0.4	16.2	30		
	31	15.5 +	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.2	48.2 +	0.0 -	0.0 -	0.0 -	0.6	31		
Monatssumme		35.2	20.3 -	172.1 +	63.0	46.7	127.7	92.8	144.2	131.0	69.0	86.8	109.7			
Maximum		15.5	5.5 -	40.6	14.8	17.0	27.2	20.9	48.2	71.3 +	13.0	28.1	17.5	mm		
Datum (Tag)		31.	5.	22.	25.	19.	27.	24.	31.	9.	29.	5.	11.			
Niederschlagstage		9	8	9	11	9	15	13	12	12	12	10	15	d		
Niederschlagstage grösser / gleich als:		193 ≥0.1		170 ≥0.3		71 ≥5.0		33 ≥10.0		11 ≥20.0		1 ≥50.0		0 ≥100.0		mm
Jahreswerte:		Gesamtniederschlag (1a): 1098.5 mm						Niederschlagstage (≥1.0 mm): 135								



2006-2017	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Jahressumme	1118.2	1414.9	1625.8	1283.7	1397.7	1161.1	1696.7+	1562.7	1193.1	911.7	806.8 -	1098.5	
Jahresmaximum	45.9	55.0	71.3	80.0	58.7	47.5	71.8	65.2	98.0 +	43.9 -	60.2	71.3	mm
Datum (Tag, Monat)	8.12.	14.5.	29.10.	17.7.	15.11.	26.8.	26.9.	19.4.	4.11.	20.11.	16.6.	9.9.	
Durchschnittliche Jahressumme 2006-2017 (nur vollständige Jahre): 1273 mm				Normwert 1981-2010: 1552 mm				Normwert 1961-1990: 1422 mm					



# Niederschlag: Tagessummen

Flussgebiet: Reuss

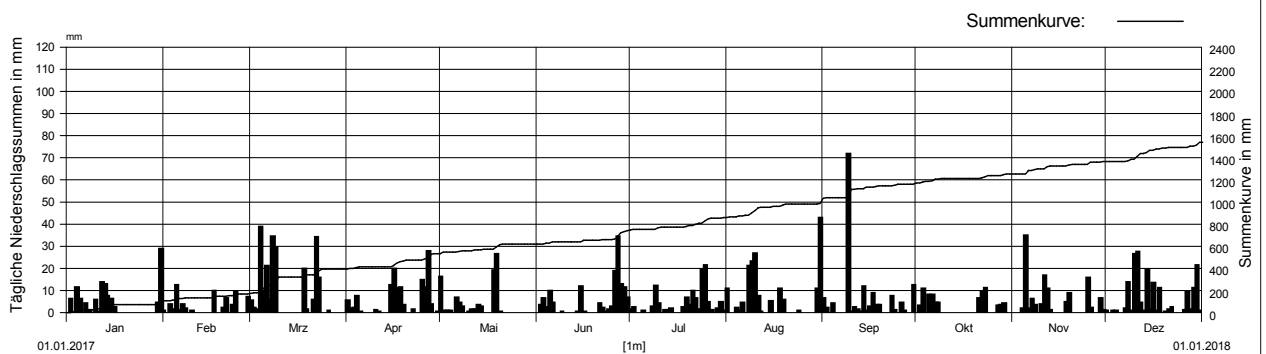
Messstelle: Göscheneralp

Kurzname: GOA Indikativ: 4060

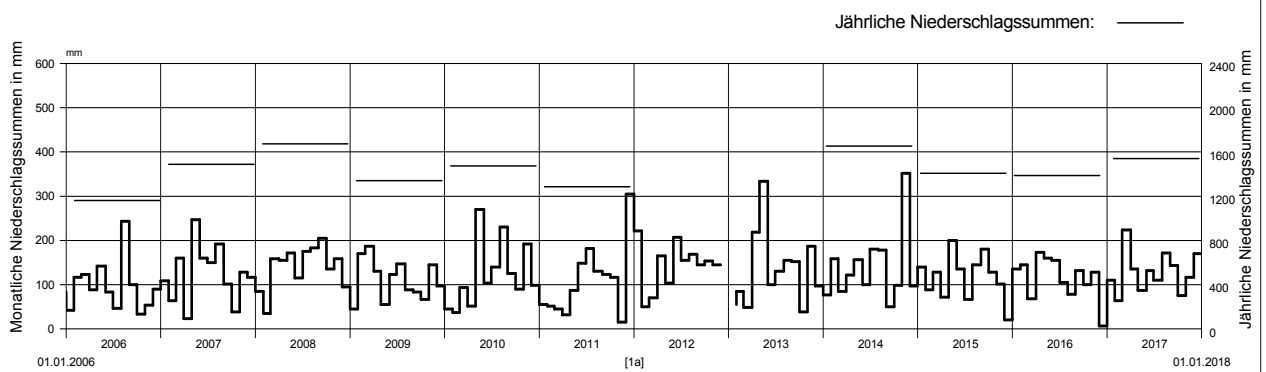
Koordinaten: 2°681'250 / 1°166'790

Stationshöhe: 1'745 m ü.M.

2017		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tages-	1	0.0 -	0.6	5.4	5.4	16.0	0.0 -	1.5	10.6	6.2	0.1	0.0 -	0.6	1		
	2	5.9	0.0 -	1.9	1.8	0.7	3.5	2.4	0.0 -	1.9	3.0	0.0 -	0.0 -	2		
	3	0.0 -	3.6	1.2	2.0	0.7	6.2	0.0 -	0.0 -	0.0 -	10.6	0.0 -	0.5	3		
	4	11.4	1.2	38.6 +	7.5	0.8	2.2	0.0 -	2.1	4.0	0.0 -	1.6	0.8	4		
	5	6.1	12.4 +	9.6	0.4	0.0 -	9.7	0.8	0.8	0.0 -	7.9	34.5 +	0.0 -	5		
	6	0.0 -	1.1	20.9	0.0 -	6.5	4.3	0.0 -	4.4	0.1	7.9	1.6	0.0 -	6		
	7	4.1	3.7	5.7	0.0 -	4.2	0.0 -	0.0 -	0.0 -	0.0 -	4.4	6.0	1.7	7		
	8	0.9	1.7	34.3	0.0 -	2.7	0.0 -	2.8	20.9	0.0 -	4.2	3.3	13.7	8		
	9	0.0 -	0.0 -	29.2	0.0 -	0.0 -	0.2	12.1	23.0	71.6 +	0.0 -	0.1	0.6	9		
	10	5.8	0.8	0.0 -	1.1	0.2	0.0 -	3.9	26.8	0.2	0.0 -	3.6	26.2	10		
	summen	11	0.4	0.0 -	0.0 -	0.2	1.4	0.0 -	0.1	7.5	2.3	0.0 -	16.8	27.3 +	11	
	Niederschlag	12	13.8	0.0 -	0.0 -	0.0 -	1.4	0.0 -	1.1	0.4	1.4	0.0 -	10.7	4.4	12	
	in mm	13	12.5	0.0 -	0.0 -	0.0 -	3.5	0.0 -	0.0 -	0.0 -	0.3	0.0 -	1.1	0.8	13	
		14	7.3	0.0 -	0.0 -	0.0 -	2.6	0.4	1.6	0.0 -	11.8	0.0 -	0.0 -	19.5	14	
		15	5.9	0.0 -	0.0 -	12.2	0.0 -	11.8	0.0 -	5.0	0.5	0.0 -	0.0 -	1.2	15	
		16	2.2	0.0 -	0.0 -	19.6	0.0 -	0.4	0.0 -	0.0 -	2.6	0.0 -	0.0 -	13.4	16	
		17	0.0 -	9.6	0.0 -	11.0	0.0 -	0.0 -	0.0 -	0.0 -	8.6	0.0 -	0.0 -	0.5	17	
		18	0.0 -	0.0 -	19.7	11.2	18.9	0.0 -	2.4	10.8	3.4	0.0 -	4.6	11.1	18	
		19	0.0 -	0.0 -	1.4	3.4	26.2 +	0.0 -	6.6	5.7	3.3	0.0 -	8.6	0.1	19	
		20	0.0 -	1.9	0.0 -	0.0 -	0.3	0.0 -	3.4	0.0 -	0.0 -	0.0 -	0.0 -	0.2	20	
		21	0.0 -	6.3	5.7	0.0 -	0.0 -	4.1	9.6	0.0 -	0.0 -	6.4	0.0 -	1.2	21	
		22	0.0 -	0.0 -	34.0	1.4	0.0 -	2.0	6.4	0.0 -	0.0 -	9.5	0.0 -	2.4	22	
		23	0.0 -	3.2	15.7	0.0 -	0.0 -	0.2	1.5	0.0 -	7.4	11.0 +	0.0 -	0.0 -	23	
		24	0.0 -	9.3	0.0 -	0.1	0.0 -	1.3	19.4	0.5	1.1	0.0 -	0.0 -	0.0 -	24	
		25	0.0 -	0.0 -	0.1	14.6	0.0 -	2.6	21.3 +	0.0 -	0.1	0.0 -	15.6	0.0 -	25	
		26	0.0 -	0.0 -	0.5	11.3	0.0 -	18.6	4.8	0.0 -	4.3	0.0 -	1.9	0.9	26	
	+ Maximum	27	0.0 -	0.0 -	0.0 -	27.6 +	0.0 -	34.3 +	1.1	0.1	0.6	3.0	0.0 -	9.2	27	
	- Minimum	28	0.0 -	7.1	0.0 -	3.8	0.0 -	12.7	0.0 -	0.0 -	0.0 -	3.4	0.0 -	1.2	28	
		29	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	11.2	1.8	0.0 -	0.0 -	3.9	6.4	11.1	29	
		30	4.4	0.0 -	0.2	0.0 -	0.0 -	6.6	4.8	10.5	12.4	0.0 -	1.0	21.2	30	
		31	28.7 +	0.0 -	0.0 -	0.1	0.1	0.5	0.5	42.5 +	0.0 -	0.0 -	0.6	0.6	31	
Monatssumme		109.4	62.5 -	223.9+	134.8	86.2	132.3	109.9	171.6	144.1	75.3	117.4	170.4			
Maximum		28.7	12.4	38.6	27.6	26.2	34.3	21.3	42.5	71.6 +	11.0 -	34.5	27.3	mm		
Datum (Tag)		31.	5.	4.	27.	19.	27.	25.	31.	9.	23.	5.	11.			
Niederschlagstage		12	12	14	15	10	15	19	12	15	12	15	15	d		
Niederschlagstage grösser / gleich als:		211 $\geq 0.1$		194 $\geq 0.3$		90 $\geq 5.0$		54 $\geq 10.0$		19 $\geq 20.0$		1 $\geq 50.0$		0 $\geq 100.0$		mm
Jahreswerte:		Gesamtniederschlag (1a): 1537.8 mm						Niederschlagstage ( $\geq 1.0$ mm): 166								



2006-2017	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Jahressumme	1160.8-	1487.9	1672.9+	1338.2	1473.3	1284.5	--	--	1651.7	1405.3	1386.9	1537.8	mm
Jahresmaximum	45.7 -	58.0	57.5	71.0	55.4	63.5	57.0	90.0	125.8 +	61.2	66.2	71.6	
Datum (Tag, Monat)	19.2.	1.3.	6.9.	17.7.	14.8.	26.8.	3.6.	19.4.	4.11.	15.5.	16.6.	9.9.	
Durchschnittliche Jahressumme 2006-2017 (nur vollständige Jahre):	1440 mm			Normwert 1981-2010: 1567 mm				Normwert 1961-1990: 1555 mm					



# Niederschlag: Tagessummen

Flussgebiet: Reuss

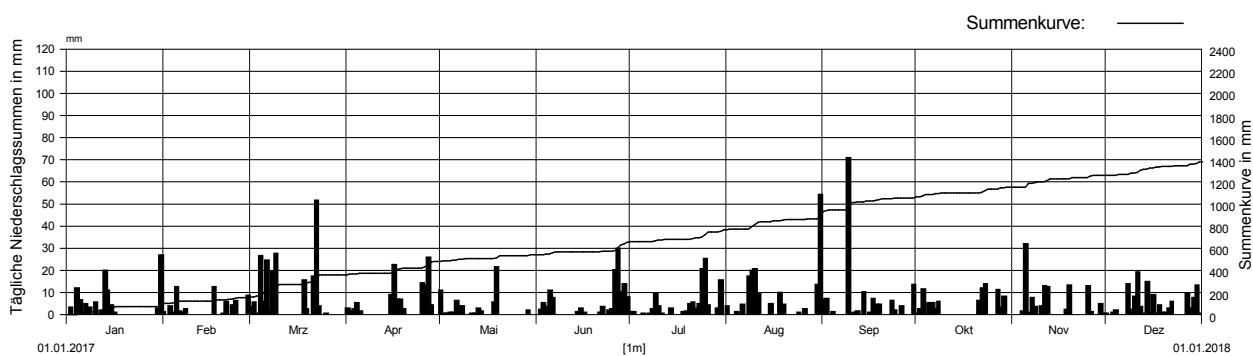
Messstelle: Göschenen

Kurzname: GOS Indikativ: 4080

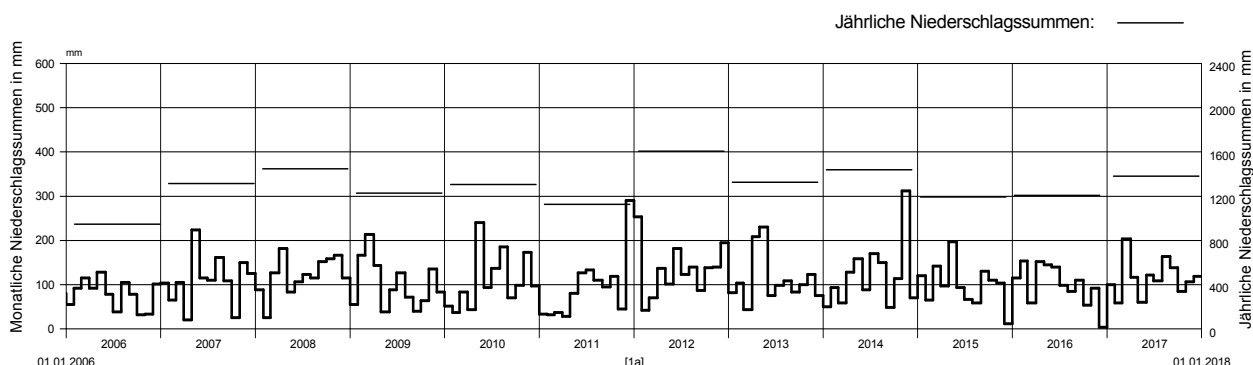
Koordinaten: 2°688'477 / 1°171'926

Stationshöhe: 950 m ü.M.

2017		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tages-	1	0.0 -	0.9	3.4	2.7	10.8	0.0 -	0.9	3.8	6.5	0.4	0.0 -	0.4	1		
summen	2	3.0	0.0 -	5.4	1.5	0.4	1.9	1.1	0.0 -	6.9	2.4	0.0 -	0.0 -	2		
Niederschlag	3	0.0 -	3.6	0.4	2.3	0.3	5.0	0.0 -	0.0 -	0.0 -	11.3	0.0 -	0.7	3		
in mm	4	11.6	0.5	26.2	5.0	0.8	3.2	0.0 -	0.9	0.9	0.0 -	1.2	1.8	4		
	5	6.2	12.3	5.7	1.5	0.6	10.7	0.3	0.1	0.0 -	5.1	31.8 +	0.0 -	5		
	6	0.0 -	1.2	24.2	0.0 -	6.1	7.2	0.0 -	4.2	0.0 -	5.1	0.7	0.0 -	6		
	7	4.5	1.1	1.4	0.0 -	3.8	0.0 -	0.2	0.0 -	0.0 -	2.2	7.2	0.0 -	7		
	8	3.0	2.3	19.2	0.0 -	3.6	0.0 -	2.3	16.9	0.0 -	5.6	3.2	13.7	8		
	9	0.0 -	0.0 -	27.3	0.0 -	0.0 -	0.0 -	9.5	19.6	70.6 +	0.0 -	0.0 -	1.9	9		
	10	5.3	0.1	0.0 -	0.0 -	0.0 -	0.0 -	3.6	20.2	0.3	0.0 -	3.8	7.9	10		
	11	0.3	0.0 -	0.0 -	0.0 -	0.4	0.0 -	0.2	9.5	0.8	0.0 -	12.8	19.1 +	11		
	12	1.7	0.0 -	0.0 -	0.0 -	0.2	0.0 -	0.0 -	0.0 -	1.3	0.0 -	12.3	3.4	12		
	13	19.7	0.0 -	0.0 -	0.0 -	2.7	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.1	0.2	13		
	14	10.5	0.0 -	0.0 -	0.0 -	1.2	0.9	2.8	0.0 -	9.9	0.0 -	0.0 -	14.7	14		
	15	4.1	0.0 -	0.0 -	8.5	0.0 -	2.5	0.0 -	4.8	0.1	0.0 -	0.0 -	0.8	15		
	16	0.6	0.0 -	0.0 -	22.4	0.0 -	0.6	0.0 -	0.0 -	0.8	0.0 -	0.0 -	8.6	16		
	17	0.0 -	12.4 +	0.0 -	6.8	0.0 -	0.0 -	0.0 -	0.0 -	7.0	0.0 -	0.0 -	0.2	17		
	18	0.0 -	0.0 -	15.5	6.5	5.2	0.0 -	0.9	9.6	4.4	0.0 -	2.1	3.9	18		
	19	0.0 -	0.0 -	2.4	2.2	21.5 +	0.0 -	1.4	4.2	4.2	0.0 -	13.1	0.5	19		
	20	0.0 -	0.3	0.0 -	0.0 -	0.0 -	0.0 -	4.7	0.0 -	0.0 -	0.0 -	0.0 -	0.5	20		
	21	0.0 -	5.7	17.1	0.0 -	0.0 -	0.8	5.2	0.0 -	0.0 -	5.9	0.0 -	2.5	21		
	22	0.0 -	0.0 -	51.2 +	0.0 -	0.0 -	3.3	2.8	0.0 -	0.0 -	11.7	0.0 -	5.6	22		
	23	0.0 -	4.1	3.8	0.0 -	0.0 -	0.0 -	4.8	0.0 -	6.0	13.8 +	0.0 -	0.0 -	23		
	24	0.0 -	6.1	0.0 -	0.0 -	0.0 -	1.7	20.2	0.7	1.6	0.0 -	0.0 -	0.0 -	24		
	25	0.0 -	0.0 -	0.2	13.9	0.0 -	2.3	25.1 +	0.0 -	0.0 -	0.0 -	12.6	0.0 -	25		
	26	0.0 -	0.0 -	0.1	12.9	0.0 -	19.9	4.1	2.3	3.6	0.0 -	1.0	0.0 -	26		
+ Maximum	27	0.0 -	0.0 -	0.0 -	25.8 +	0.0 -	29.8 +	0.1	0.0 -	0.0 -	11.1	0.0 -	9.2	27		
- Minimum	28	0.0 -	8.3	0.0 -	3.9	0.0 -	10.0	0.0 -	0.0 -	0.0 -	3.0	0.0 -	2.8	28		
	29	0.0 -	0.0 -	0.0 -	0.0 -	1.6	13.8	2.6	0.0 -	0.0 -	7.9	4.6	7.2	29		
	30	2.7	0.0 -	0.0 -	0.0 -	0.0 -	7.6	15.4	13.3	13.4	0.0 -	0.2	13.0	30		
	31	26.8 +	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	54.0 +	0.0 -	0.0 -	0.0 -	0.4	31		
Monatssumme		100.0	58.9 -	203.5+	115.9	59.2	121.2	108.2	164.1	138.3	85.5	106.7	119.0			
Maximum		26.8	12.4 -	51.2	25.8	21.5	29.8	25.1	54.0	70.6 +	13.8	31.8	19.1	mm		
Datum (Tag)		31.	17.	22.	27.	19.	27.	25.	31.	9.	23.	5.	11.			
Niederschlagstage		12	10	13	14	9	14	15	12	12	12	12	15	d		
Niederschlagstage grösser / gleich als:		194 ≥0.1		181 ≥0.3		83 ≥5.0		47 ≥10.0		15 ≥20.0		3 ≥50.0		0 ≥100.0		mm
Jahreswerte:		Gesamtniederschlag (1a): 1380.5 mm						Niederschlagstage (≥1.0 mm): 150								



2006-2017	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Jahressumme	949.5 -	1311.8	1443.6	1224.3	1304.6	1129.5	1608.5+	1326.8	1440.3	1192.4	1204.1	1380.5	
Jahresmaximum	49.0	51.1	63.7	66.8	64.4	40.1 -	67.1	74.3	104.6 +	73.4	67.9	70.6	mm
Datum (Tag, Monat)	8.12.	8.8.	29.10.	17.7.	15.11.	26.8.	20.1.	19.4.	4.11.	20.11.	16.6.	9.9.	
Durchschnittliche Jahressumme 2006-2017 (nur vollständige Jahre):	1293 mm			Normwert 1981-2010: 1330 mm				Normwert 1961-1990: 1424 mm					





# Niederschlag: Tagessummen

Flussgebiet: Reuss

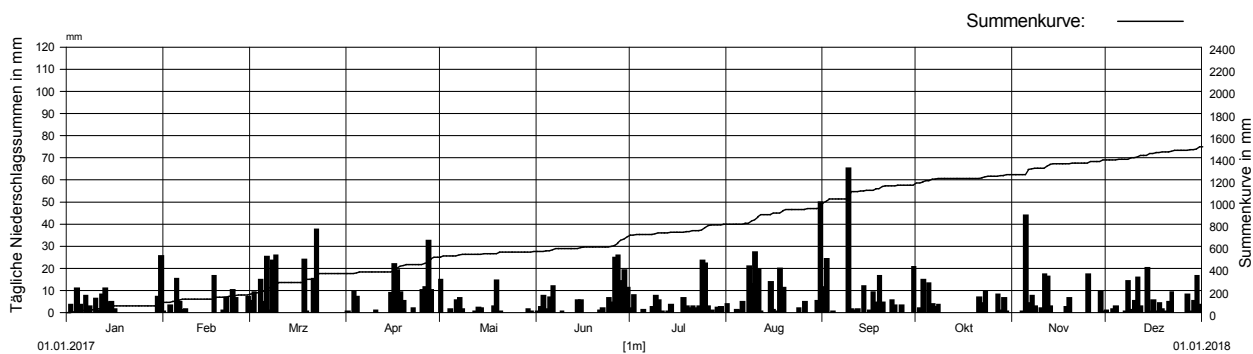
Messstelle: Bristen

Kurzname: BRT Indikativ: 4118

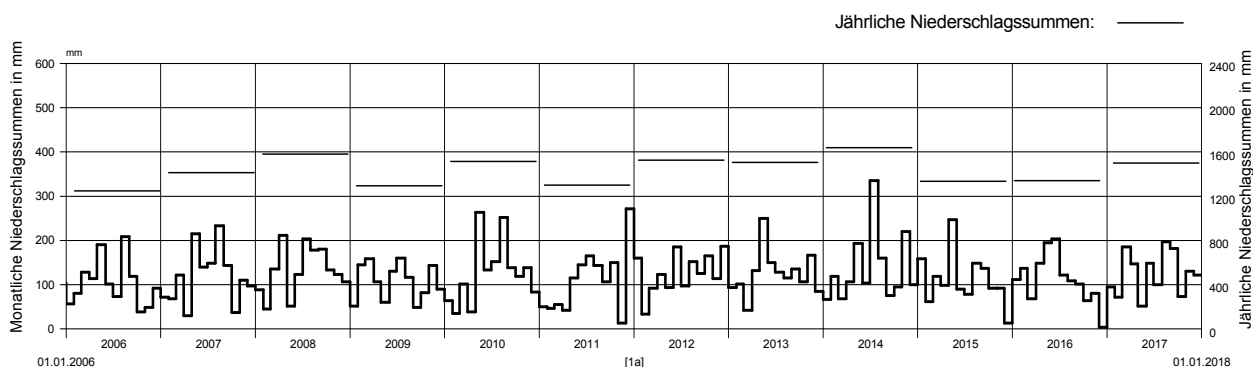
Koordinaten: 2°696'223 / 1°180'373

Stationshöhe: 784 m ü.M.

2017		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tages- summen Niederschlag in mm	1	0.0 -	0.3	4.9	0.4	14.5 +	0.3	1.7	3.7	11.3	0.0 -	0.0 -	0.6	1		
	2	3.4	0.0 -	8.9	0.0 -	0.0 -	2.3	7.6	0.0 -	23.9	1.8	0.0 -	0.0 -	2		
	3	0.0 -	3.0	0.0 -	9.5	0.0 -	7.3	0.0 -	0.0 -	0.0 -	14.5 +	0.0 -	1.4	3		
	4	10.6	0.0 -	14.8	7.1	1.5	1.2	0.0 -	0.9	0.2	0.0 -	0.3	2.8	4		
	5	3.5	15.1	4.8	0.1	0.0 -	6.7	0.9	0.8	0.0 -	13.0	43.6 +	0.0 -	5		
	6	0.0 -	4.5	25.1	0.0 -	5.4	11.7	0.0 -	4.6	0.1	3.6	4.1	0.0 -	6		
	7	7.3	0.9	0.6	0.0 -	6.2	0.0 -	0.0 -	0.0 -	0.0 -	2.3	7.2	0.4	7		
	8	2.8	1.4	23.2	0.0 -	1.2	0.0 -	2.2	20.6	0.1	3.5	2.5	13.9	8		
	9	0.0 -	0.0 -	25.7	0.0 -	0.0 -	0.3	7.2	12.8	64.9 +	0.0 -	0.0 -	0.9	9		
	10	5.9	0.0 -	0.0 -	0.7	0.0 -	0.0 -	5.3	27.1	1.2	0.0 -	1.6	5.0	10		
	11	0.6	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.4	19.3	0.6	0.0 -	17.1	15.6	11		
	12	8.1	0.0 -	0.0 -	0.0 -	0.2	0.0 -	0.0 -	0.4	1.4	0.0 -	16.0	2.6	12		
	13	10.6	0.0 -	0.0 -	0.0 -	2.0	0.0 -	0.4	0.0 -	0.0 -	0.0 -	2.6	0.1	13		
	14	4.1	0.0 -	0.0 -	0.0 -	1.6	5.5	3.3	0.0 -	11.7	0.0 -	0.0 -	20.1 +	14		
	15	4.8	0.0 -	0.0 -	8.7	0.0 -	5.5	0.0 -	13.6	0.0 -	0.0 -	0.0 -	0.4	15		
	16	1.2	0.0 -	0.0 -	21.6	0.0 -	0.0 -	0.0 -	1.0	0.5	0.0 -	0.0 -	5.4	16		
	17	0.1	16.3 +	0.0 -	19.0	0.0 -	0.0 -	0.0 -	0.2	9.0	0.0 -	0.0 -	0.2	17		
	18	0.0 -	0.0 -	23.6	8.9	2.8	0.0 -	6.3	19.8	4.2	0.0 -	2.3	4.1	18		
	19	0.0 -	0.0 -	0.2	5.1	14.4	0.0 -	2.7	10.9	16.2	0.0 -	6.4	1.2	19		
	20	0.0 -	0.6	0.0 -	0.0 -	0.2	0.0 -	1.6	0.0 -	4.3	0.0 -	0.0 -	0.3	20		
	21	0.0 -	6.7	15.1	0.0 -	0.0 -	0.5	2.7	0.0 -	0.0 -	6.7	0.0 -	4.8	21		
	22	0.0 -	0.0 -	37.4 +	1.6	0.0 -	1.7	1.6	0.0 -	0.0 -	3.9	0.0 -	8.9	22		
	23	0.0 -	10.0	0.0 -	0.0 -	0.0 -	0.0 -	2.5	0.0 -	5.4	9.3	0.0 -	0.0 -	23		
	24	0.0 -	6.2	0.0 -	0.0 -	0.0 -	6.2	23.4 +	1.6	2.9	0.0 -	0.0 -	0.0 -	24		
	25	0.0 -	0.0 -	0.0 -	9.9	0.0 -	4.2	22.1	0.0 -	0.1	0.0 -	16.9	0.0 -	25		
	26	0.0 -	0.0 -	0.0 -	11.4	0.0 -	24.5	2.6	4.6	2.9	0.0 -	0.1	0.0 -	26		
	27	0.0 -	0.0 -	0.0 -	32.2 +	0.0 -	25.7 +	0.5	0.0 -	0.1	7.9	0.0 -	7.9	27		
	28	0.0 -	7.1	0.0 -	10.1	0.0 -	13.9	0.0 -	0.0 -	0.0 -	0.5	0.0 -	0.4	28		
	29	0.0 -	0.0 -	0.0 -	0.0 -	1.5	19.1	2.1	0.0 -	0.1	6.2	9.3	5.0	29		
	30	7.1	0.0 -	0.0 -	0.0 -	0.3	11.0	2.4	5.0	20.3	0.2	0.2	16.3	30		
	31	25.5 +	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	49.8 +	0.0 -	0.0 -	0.0 -	3.2	31		
Monatssumme		95.6	72.1	184.3	146.3	51.8 -	147.6	99.5	196.7+	181.4	73.4	130.2	121.5			
Maximum		25.5	16.3	37.4	32.2	14.5 -	25.7	23.4	49.8	64.9 +	14.5	43.6	20.1	mm		
Datum (Tag)		31.	17.	22.	27.	1.	27.	24.	31.	9.	3.	5.	14.			
Niederschlagstage		13	9	10	12	10	15	17	14	14	11	12	16	d		
Niederschlagstage grösser / gleich als:		198 ≥0.1		181 ≥0.3		92 ≥5.0		52 ≥10.0		20 ≥20.0		1 ≥50.0		0 ≥100.0		mm
Jahreswerte:		Gesamtniederschlag (1a): 1500.4 mm						Niederschlagstage (≥1.0 mm): 153								



2006-2017	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Jahressumme	1247.2-	1415.4	1582.4	1293.3	1515.6	1303.1	1524.8	1504.8	1640.4+	1333.9	1341.7	1500.4	mm
Jahresmaximum	42.5 -	54.0	58.7	64.5	67.4	54.8	56.2	75.2	87.2 +	59.4	64.0	64.9	
Datum (Tag,Monat)	16.9.	8.8.	15.8.	17.7.	5.8.	22.12.	3.6.	19.4.	5.11.	20.11.	16.6.	9.9.	
Durchschnittliche Jahressumme 2006-2017 (nur vollständige Jahre): 1434 mm			Normwert 1981-2010: 1455 mm					Normwert 1961-1990: 1400 mm					



# Niederschlag: Tagessummen

Flussgebiet: Reuss

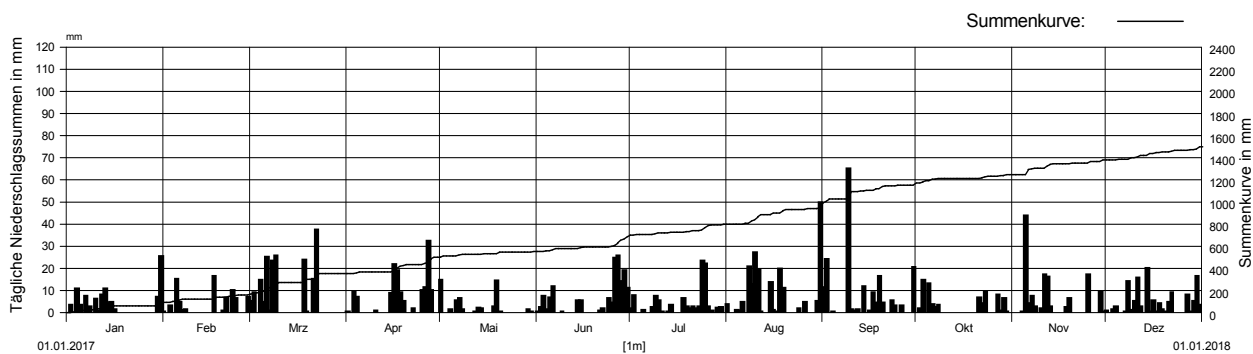
Messstelle: Bristen

Kurzname: BRT Indikativ: 4118

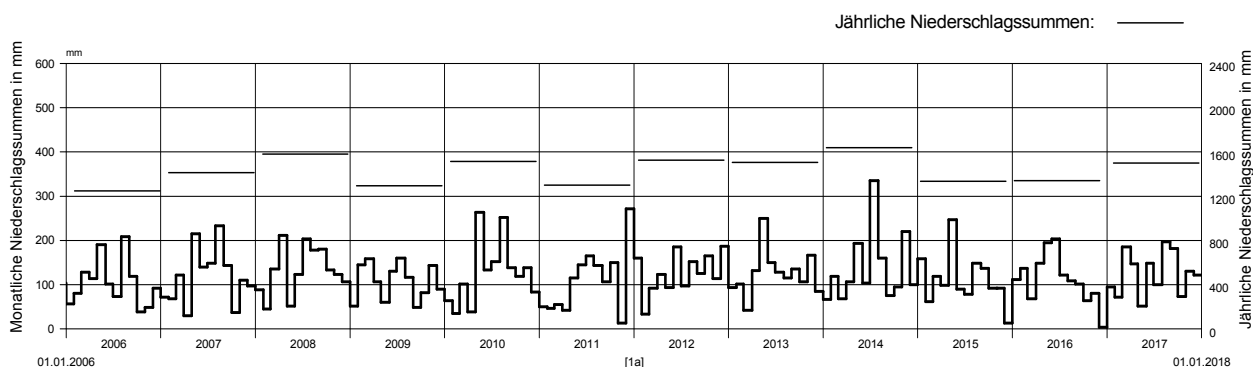
Koordinaten: 2°696'223 / 1°180'373

Stationshöhe: 784 m ü.M.

2017		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tages- summen Niederschlag in mm	1	0.0 -	0.3	4.9	0.4	14.5 +	0.3	1.7	3.7	11.3	0.0 -	0.0 -	0.6	1		
	2	3.4	0.0 -	8.9	0.0 -	0.0 -	2.3	7.6	0.0 -	23.9	1.8	0.0 -	0.0 -	2		
	3	0.0 -	3.0	0.0 -	9.5	0.0 -	7.3	0.0 -	0.0 -	0.0 -	14.5 +	0.0 -	1.4	3		
	4	10.6	0.0 -	14.8	7.1	1.5	1.2	0.0 -	0.9	0.2	0.0 -	0.3	2.8	4		
	5	3.5	15.1	4.8	0.1	0.0 -	6.7	0.9	0.8	0.0 -	13.0	43.6 +	0.0 -	5		
	6	0.0 -	4.5	25.1	0.0 -	5.4	11.7	0.0 -	4.6	0.1	3.6	4.1	0.0 -	6		
	7	7.3	0.9	0.6	0.0 -	6.2	0.0 -	0.0 -	0.0 -	0.0 -	2.3	7.2	0.4	7		
	8	2.8	1.4	23.2	0.0 -	1.2	0.0 -	2.2	20.6	0.1	3.5	2.5	13.9	8		
	9	0.0 -	0.0 -	25.7	0.0 -	0.0 -	0.3	7.2	12.8	64.9 +	0.0 -	0.0 -	0.9	9		
	10	5.9	0.0 -	0.0 -	0.7	0.0 -	0.0 -	5.3	27.1	1.2	0.0 -	1.6	5.0	10		
	11	0.6	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.4	19.3	0.6	0.0 -	17.1	15.6	11		
	12	8.1	0.0 -	0.0 -	0.0 -	0.2	0.0 -	0.0 -	0.4	1.4	0.0 -	16.0	2.6	12		
	13	10.6	0.0 -	0.0 -	0.0 -	2.0	0.0 -	0.4	0.0 -	0.0 -	0.0 -	2.6	0.1	13		
	14	4.1	0.0 -	0.0 -	0.0 -	1.6	5.5	3.3	0.0 -	11.7	0.0 -	0.0 -	20.1 +	14		
	15	4.8	0.0 -	0.0 -	8.7	0.0 -	5.5	0.0 -	13.6	0.0 -	0.0 -	0.0 -	0.4	15		
	16	1.2	0.0 -	0.0 -	21.6	0.0 -	0.0 -	0.0 -	1.0	0.5	0.0 -	0.0 -	5.4	16		
	17	0.1	16.3 +	0.0 -	19.0	0.0 -	0.0 -	0.0 -	0.2	9.0	0.0 -	0.0 -	0.2	17		
	18	0.0 -	0.0 -	23.6	8.9	2.8	0.0 -	6.3	19.8	4.2	0.0 -	2.3	4.1	18		
	19	0.0 -	0.0 -	0.2	5.1	14.4	0.0 -	2.7	10.9	16.2	0.0 -	6.4	1.2	19		
	20	0.0 -	0.6	0.0 -	0.0 -	0.2	0.0 -	1.6	0.0 -	4.3	0.0 -	0.0 -	0.3	20		
	21	0.0 -	6.7	15.1	0.0 -	0.0 -	0.5	2.7	0.0 -	0.0 -	6.7	0.0 -	4.8	21		
	22	0.0 -	0.0 -	37.4 +	1.6	0.0 -	1.7	1.6	0.0 -	0.0 -	3.9	0.0 -	8.9	22		
	23	0.0 -	10.0	0.0 -	0.0 -	0.0 -	0.0 -	2.5	0.0 -	5.4	9.3	0.0 -	0.0 -	23		
	24	0.0 -	6.2	0.0 -	0.0 -	0.0 -	6.2	23.4 +	1.6	2.9	0.0 -	0.0 -	0.0 -	24		
	25	0.0 -	0.0 -	0.0 -	9.9	0.0 -	4.2	22.1	0.0 -	0.1	0.0 -	16.9	0.0 -	25		
	26	0.0 -	0.0 -	0.0 -	11.4	0.0 -	24.5	2.6	4.6	2.9	0.0 -	0.1	0.0 -	26		
	27	0.0 -	0.0 -	0.0 -	32.2 +	0.0 -	25.7 +	0.5	0.0 -	0.1	7.9	0.0 -	7.9	27		
	28	0.0 -	7.1	0.0 -	10.1	0.0 -	13.9	0.0 -	0.0 -	0.0 -	0.5	0.0 -	0.4	28		
	29	0.0 -	0.0 -	0.0 -	0.0 -	1.5	19.1	2.1	0.0 -	0.1	6.2	9.3	5.0	29		
	30	7.1	0.0 -	0.0 -	0.0 -	0.3	11.0	2.4	5.0	20.3	0.2	0.2	16.3	30		
	31	25.5 +	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	49.8 +	0.0 -	0.0 -	0.0 -	3.2	31		
Monatssumme		95.6	72.1	184.3	146.3	51.8 -	147.6	99.5	196.7+	181.4	73.4	130.2	121.5			
Maximum		25.5	16.3	37.4	32.2	14.5 -	25.7	23.4	49.8	64.9 +	14.5	43.6	20.1	mm		
Datum (Tag)		31.	17.	22.	27.	1.	27.	24.	31.	9.	3.	5.	14.			
Niederschlagstage		13	9	10	12	10	15	17	14	14	11	12	16	d		
Niederschlagstage grösser / gleich als:		198 ≥0.1		181 ≥0.3		92 ≥5.0		52 ≥10.0		20 ≥20.0		1 ≥50.0		0 ≥100.0		mm
Jahreswerte:		Gesamtniederschlag (1a): 1500.4 mm						Niederschlagstage (≥1.0 mm): 153								



2006-2017	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Jahressumme	1247.2-	1415.4	1582.4	1293.3	1515.6	1303.1	1524.8	1504.8	1640.4+	1333.9	1341.7	1500.4	mm
Jahresmaximum	42.5 -	54.0	58.7	64.5	67.4	54.8	56.2	75.2	87.2 +	59.4	64.0	64.9	
Datum (Tag,Monat)	16.9.	8.8.	15.8.	17.7.	5.8.	22.12.	3.6.	19.4.	5.11.	20.11.	16.6.	9.9.	
Durchschnittliche Jahressumme 2006-2017 (nur vollständige Jahre): 1434 mm			Normwert 1981-2010: 1455 mm					Normwert 1961-1990: 1400 mm					



# Niederschlag: Tagessummen

Flussgebiet: Reuss

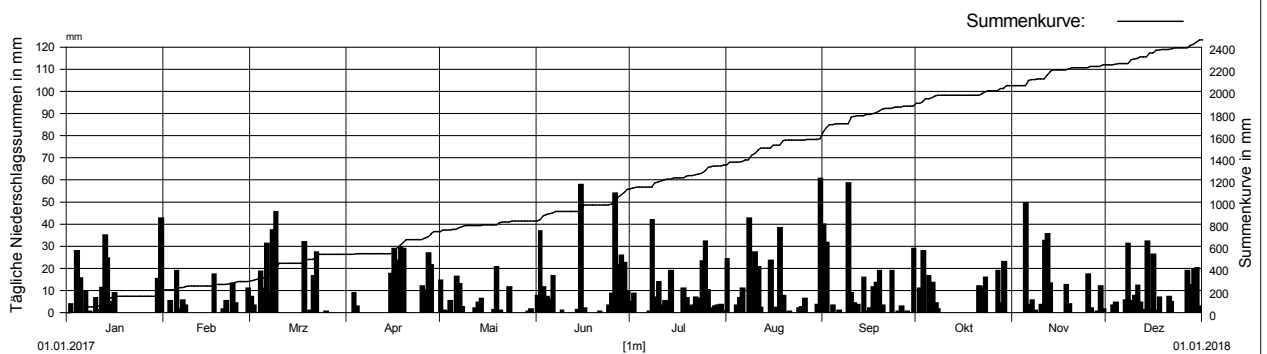
Messstelle: Unterschächen

Kurzname: UNS Indikativ: 4133

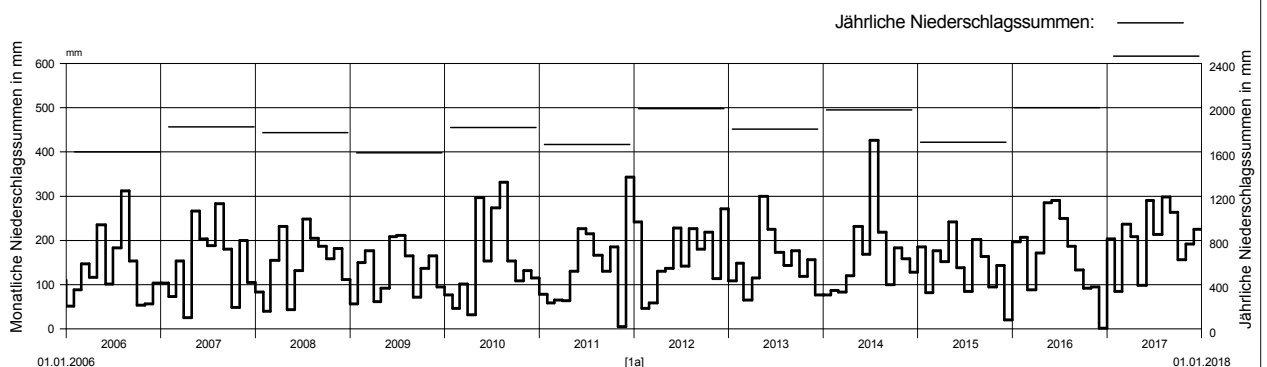
Koordinaten: 2'701'900 / 1'192'000

Stationshöhe: 1'470 m ü.M.

2017		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tages-	1	0.0 -	0.0 -	6.9	0.0 -	14.3	7.4	4.8	23.9	39.8	0.0 -	0.0 -	0.0 -	1		
	2	3.6	0.0 -	2.9	0.0 -	0.5	36.8	8.2	0.0 -	31.2	10.5	0.0 -	0.0 -	2		
	3	0.0 -	5.0	0.0 -	8.8	0.4	11.5	0.0 -	0.0 -	0.0 -	27.6 +	0.0 -	3.0	3		
	4	27.6	0.0 -	18.2	2.7	5.1	6.9	0.0 -	3.1	2.9	0.0 -	0.0 -	4.2	4		
	5	15.2	18.8 +	10.8	0.0 -	0.0 -	5.8	0.0 -	6.2	0.0 -	16.3	49.4 +	0.0 -	5		
	6	0.0 -	1.5	30.9	0.0 -	15.9	16.3	0.0 -	10.7	0.6	13.2	3.2	0.0 -	6		
	7	9.3	5.2	8.2	0.0 -	12.5	0.0 -	0.3	0.0 -	0.0 -	3.9	5.3	5.3	7		
	8	0.2	2.9	36.9	0.0 -	2.4	0.0 -	41.7 +	42.3	0.0 -	1.5	0.8	31.1	8		
	9	0.0 -	0.0 -	45.4 +	0.0 -	0.0 -	0.6	6.8	18.6	58.3 +	0.0 -	0.0 -	4.9	9		
	10	6.3	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	13.7	27.1	8.6	0.0 -	3.2	7.3	10		
	11	0.9	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	2.9	20.3	3.9	0.0 -	32.4	12.1	11		
	12	10.9	0.0 -	0.0 -	0.0 -	1.6	0.0 -	5.1	1.9	3.3	0.0 -	35.5	4.3	12		
	13	34.8	0.0 -	0.0 -	0.0 -	4.4	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	12.9	0.9	13		
	14	24.2	0.0 -	0.0 -	0.0 -	5.9	1.1	18.6	0.0 -	15.8	0.0 -	0.0 -	32.1 +	14		
	15	4.6	0.0 -	0.0 -	17.4	0.0 -	57.7 +	0.0 -	23.5	0.4	0.0 -	0.0 -	0.9	15		
	16	8.6	0.0 -	0.0 -	28.5	0.0 -	1.8	0.0 -	0.0 -	1.6	0.0 -	0.0 -	25.9	16		
	17	0.0 -	16.9	0.0 -	23.4	0.0 -	0.0 -	0.0 -	1.9	11.4	0.0 -	0.0 -	0.7	17		
	18	0.0 -	0.0 -	31.8	29.2 +	1.0	0.0 -	10.6	38.1	13.4	0.0 -	12.3	6.5	18		
	19	0.0 -	0.0 -	0.0 -	28.5	20.2 +	0.0 -	6.2	7.2	18.8	0.0 -	3.8	0.0 -	19		
	20	0.0 -	1.3	0.6	0.0 -	0.5	0.0 -	2.6	0.0 -	3.0	0.0 -	0.0 -	0.0 -	20		
	21	0.0 -	4.9	16.3	0.0 -	0.0 -	0.4	2.9	0.2	0.0 -	11.8	0.0 -	7.1	21		
	22	0.0 -	0.0 -	27.1	0.0 -	0.0 -	0.0 -	6.5	0.0 -	0.0 -	11.3	0.0 -	4.8	22		
	23	0.0 -	13.1	0.0 -	0.0 -	11.2	0.0 -	6.0	0.0 -	18.6	15.8	0.0 -	0.0 -	23		
	24	0.0 -	3.9	0.0 -	0.0 -	0.0 -	3.1	22.9	1.7	0.0 -	0.0 -	0.0 -	0.0 -	24		
	25	0.0 -	0.0 -	0.4	11.6	0.0 -	8.2	32.1	2.4	0.2	0.0 -	16.9	0.0 -	25		
	26	0.0 -	0.0 -	0.0 -	10.1	0.0 -	53.7	9.9	6.1	2.8	0.0 -	1.7	0.0 -	26		
	27	0.0 -	0.0 -	0.0 -	26.7	0.0 -	21.4	1.8	0.0 -	0.0 -	18.6	0.0 -	18.5	27		
	28	0.0 -	10.7	0.0 -	21.2	0.0 -	25.6	2.7	0.0 -	0.4	3.9	0.4	12.4	28		
	29	0.0 -	0.0 -	0.0 -	0.0 -	0.2	22.3	3.1	0.0 -	0.1	22.5	11.8	19.5	29		
	30	15.0	0.0 -	0.0 -	0.0 -	1.5	9.4	3.3	3.2	28.6	0.0 -	1.4	20.1	30		
	31	42.4 +	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.3	60.2 +	0.0 -	0.0 -	0.0 -	2.8	31		
Monatssumme		203.6	84.2 -	236.4	208.1	97.6	290.0	213.0	298.6+	263.7	156.9	191.0	224.4			
Maximum		42.4	18.8 -	45.4	29.2	20.2	57.7	41.7	60.2 +	58.3	27.6	49.4	32.1	mm		
Datum (Tag)		31.	5.	9.	18.	19.	15.	8.	31.	9.	3.	5.	14.			
Niederschlagstage		12	11	11	11	12	16	21	18	16	12	13	18	d		
Niederschlagstage grösser / gleich als:		194 ≥0.1		189 ≥0.3		120 ≥5.0		89 ≥10.0		45 ≥20.0		0 ≥50.0		0 ≥100.0		mm
Jahreswerte:		Gesamtniederschlag (1a): 2467.5 mm						Niederschlagstage (≥1.0 mm): 171								



2006-2017	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Jahressumme	1602.5	1829.9	1776.1	1590.4 -	1819.0	1667.2	1994.2	1806.3	1982.0	1683.9	1998.1	2467.5+	mm
Jahresmaximum	66.3	65.9	68.4	78.3	62.9	62.5	73.6	82.1 +	60.6	52.4 -	77.5	60.2	
Datum (Tag, Monat)	16.9.	8.8.	21.11.	17.7.	5.8.	29.6.	9.10.	31.5.	5.11.	20.11.	16.6.	31.8.	
Durchschnittliche Jahressumme 2006-2017 (nur vollständige Jahre): 1851 mm				Normwert 1981-2010: 1817 mm				Normwert 1961-1990: 1773 mm					



# Niederschlag: Tagessummen

Flussgebiet: Reuss

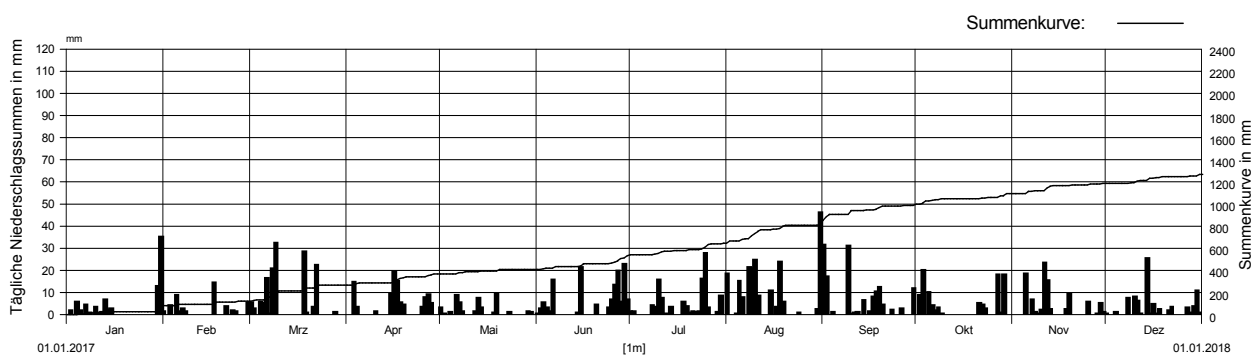
Messstelle: Altdorf

Kurzname: ALT Indikativ: 4140

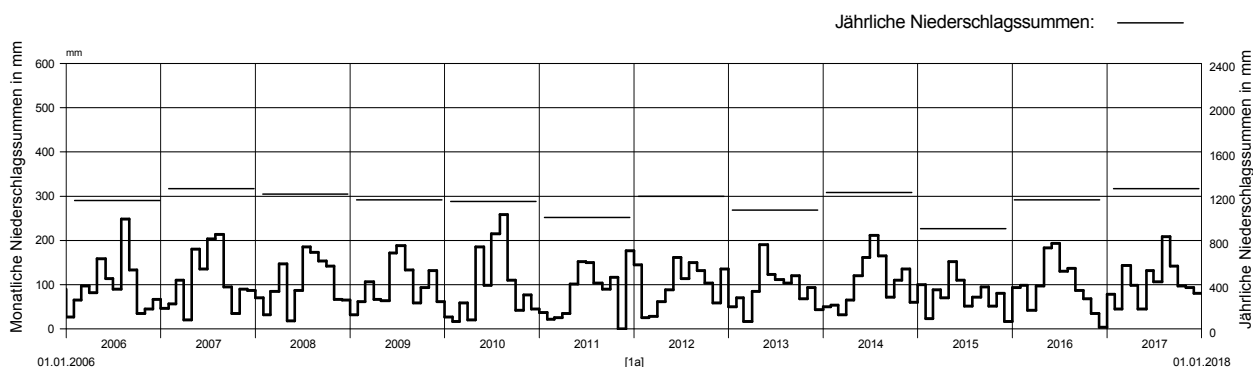
Koordinaten: 2°69'174 / 1°19'1558

Stationshöhe: 438 m ü.M.

2017		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tages- summen Niederschlag in mm	1	0.0 -	1.4	5.2	0.1	2.9	0.2	1.4	18.2	31.2 +	0.0 -	0.0 -	0.4	1		
	2	1.7	0.0 -	2.7	0.1	0.4	2.8	1.3	0.0 -	17.1	8.8	0.0 -	0.0 -	2		
	3	0.0 -	3.9	0.0 -	14.5	0.1	5.2	0.0 -	0.0 -	0.0 -	19.9 +	0.0 -	0.0 -	3		
	4	5.7	0.0 -	5.8	3.2	1.1	2.9	0.0 -	0.4	0.9	0.0 -	0.0 -	1.0	4		
	5	1.7	8.5	5.0	0.0 -	0.0 -	1.3	0.0 -	15.0	0.0 -	9.9	18.3	0.0 -	5		
	6	0.0 -	1.2	16.4	0.0 -	8.5	15.6	0.0 -	7.6	0.1	4.0	0.0 -	0.0 -	6		
	7	4.3	2.5	0.4	0.0 -	5.5	0.0 -	0.0 -	0.0 -	0.0 -	1.6	6.8	0.0 -	7		
	8	0.6	1.2	20.7	0.0 -	1.2	0.0 -	3.9	21.5	0.0 -	2.9	1.1	7.2	8		
	9	0.0 -	0.0 -	32.2 +	0.0 -	0.0 -	0.0 -	3.2	20.7	31.0	0.2	0.4	0.1	9		
	10	3.2	0.0 -	0.0 -	1.4	0.0 -	0.0 -	15.8	24.7	0.3	0.0 -	2.0	8.0	10		
	11	0.3	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	7.4	8.3	0.7	0.0 -	23.5 +	5.9	11		
	12	1.1	0.0 -	0.0 -	0.0 -	1.4	0.0 -	0.3	0.1	0.9	0.0 -	15.4	0.4	12		
	13	6.5	0.0 -	0.0 -	0.0 -	7.5	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	2.4	0.0 -	13		
	14	2.0	0.0 -	0.0 -	0.0 -	3.0	0.5	3.2	0.0 -	6.2	0.0 -	0.0 -	25.3 +	14		
	15	2.7	0.0 -	0.0 -	9.3	0.0 -	21.5	0.0 -	10.5	0.0 -	0.0 -	0.0 -	0.3	15		
	16	0.0 -	0.0 -	0.0 -	19.4 +	0.0 -	0.0 -	0.0 -	0.0 -	1.5	0.0 -	0.0 -	4.5	16		
	17	0.0 -	14.2 +	0.0 -	15.1	0.0 -	0.0 -	0.0 -	3.4	8.0	0.0 -	0.0 -	0.4	17		
	18	0.0 -	0.0 -	28.2	5.4	0.5	0.0 -	5.7	23.7	10.2	0.0 -	2.4	2.4	18		
	19	0.0 -	0.0 -	0.6	4.4	9.5 +	0.0 -	3.8	5.7	12.3	0.0 -	9.4	0.1	19		
	20	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	4.3	0.8	0.0 -	4.3	0.0 -	0.0 -	0.0 -	20		
	21	0.0 -	3.6	3.5	0.0 -	0.0 -	0.0 -	1.4	0.0 -	0.0 -	5.1	0.0 -	1.7	21		
	22	0.0 -	0.0 -	22.2	0.0 -	0.0 -	0.1	1.1	0.0 -	0.0 -	4.2	0.0 -	3.4	22		
	23	0.0 -	1.8	0.0 -	0.0 -	0.9	0.0 -	1.4	0.0 -	2.1	2.5	0.0 -	0.0 -	23		
	24	0.0 -	1.2	0.0 -	0.0 -	0.0 -	2.9	16.0	0.8	0.0 -	0.1	0.0 -	0.0 -	24		
	25	0.0 -	0.0 -	0.0 -	3.2	0.0 -	6.8	27.7 +	0.0 -	0.0 -	0.0 -	5.7	0.0 -	25		
	26	0.0 -	0.0 -	0.0 -	7.6	0.0 -	13.4	3.0	0.0 -	2.8	0.0 -	0.0 -	0.0 -	26		
	27	0.0 -	0.1	0.0 -	9.0	0.0 -	19.7	0.1	0.0 -	0.0 -	17.9	0.0 -	2.9	27		
	28	0.0 -	5.2	1.1	4.9	0.0 -	5.6	0.0 -	0.0 -	0.0 -	0.8	0.4	0.5	28		
	29	0.0 -	0.0 -	0.0 -	0.0 -	1.2	22.6 +	1.1	0.0 -	0.1	18.0	5.1	3.8	29		
	30	12.7	0.0 -	0.0 -	0.0 -	0.9	6.5	8.4	2.3	11.6	0.0 -	1.0	10.7	30		
	31	35.1 +	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	46.1 +	0.0 -	0.0 -	0.0 -	0.6	31		
Monatssumme		77.6	44.8	144.0	97.6	44.6 -	131.9	107.0	209.0+	141.3	95.9	93.9	79.6			
Maximum		35.1	14.2	32.2	19.4	9.5 -	22.6	27.7	46.1 +	31.2	19.9	23.5	25.3	mm		
Datum (Tag)		31.	17.	9.	16.	19.	29.	25.	31.	1.	3.	11.	14.			
Niederschlagstage		11	11	11	12	10	14	17	13	12	11	12	12	d		
Niederschlagstage grösser / gleich als:		186 $\geq 0.1$		172 $\geq 0.3$		78 $\geq 5.0$		41 $\geq 10.0$		17 $\geq 20.0$		0 $\geq 50.0$		0 $\geq 100.0$		mm
Jahreswerte:		Gesamtniederschlag (1a): 1267.2 mm						Niederschlagstage ( $\geq 1.0$ mm): 146								



2006-2017	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Jahressumme	1158.2	1269.1+	1220.5	1167.5	1152.7	1009.2	1199.9	1075.3	1234.1	908.5 -	1168.0	1267.2	mm
Jahresmaximum	53.2	55.8	62.7	70.9 +	57.9	46.3	36.4 -	56.8	63.6	48.5	49.3	46.1	
Datum (Tag.Monat)	16.9.	8.8.	29.10.	17.7.	5.8.	29.6.	20.1.	31.5.	5.11.	20.11.	12.5.	31.8.	
Durchschnittliche Jahressumme 2006-2017 (nur vollständige Jahre):	1153 mm			Normwert 1981-2010: 1186 mm				Normwert 1961-1990: 1099 mm					



# Niederschlag: Tagessummen

Flussgebiet: Reuss

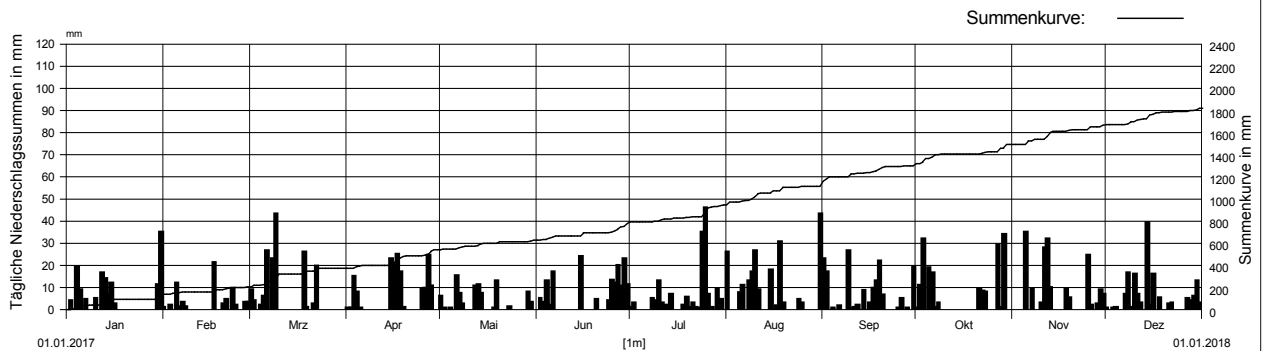
Messstelle: Isenthal

Kurzname: IST Indikativ: 4170

Koordinaten: 2°685'460 / 1°196'110

Stationshöhe: 778 m ü.M.

2017		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tages- summen Niederschlag in mm	1	0.0 -	1.0	9.0	0.5	6.0	0.0 -	1.0	26.0	23.0	0.5	0.0 -	0.5	1		
	2	4.0	0.0 -	4.0	0.5	0.5	5.0	3.0	0.0 -	17.0	11.0	0.0 -	0.0 -	2		
	3	0.0 -	2.0	0.0 -	15.0	0.0 -	3.5	0.0 -	0.0 -	0.0 -	32.0	0.0 -	0.5	3		
	4	19.5	0.0 -	2.0	8.0	0.5	13.0	0.0 -	0.0 -	0.7	0.0 -	0.0 -	1.0	4		
	5	9.0	12.0	6.0	0.5	0.0 -	2.0	0.0 -	7.8	0.0 -	19.0	35.0 +	0.0 -	5		
	6	0.0 -	1.5	26.5	0.0 -	15.5 +	17.0	0.0 -	11.0	1.7	16.5	0.0 -	0.0 -	6		
	7	4.5	3.2	0.0 -	0.0 -	7.5	0.0 -	0.0 -	0.0 -	0.0 -	1.0	9.5	7.0	7		
	8	0.0 -	1.3	23.0	0.0 -	2.5	0.0 -	5.0	13.0	0.0 -	3.0	0.0 -	16.5	8		
	9	0.0 -	0.0 -	43.5 +	0.0 -	0.0 -	0.0 -	0.0 -	4.0	17.0	26.6 +	0.0 -	0.0 -	9		
	10	5.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	13.0	26.5	0.5	0.0 -	3.0	16.0	10		
	11	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	3.0	9.0	1.0	0.0 -	28.0	7.0	11		
	12	16.5	0.0 -	0.0 -	0.0 -	10.5	0.0 -	2.0	0.0 -	2.0	0.0 -	32.0	3.0	12		
	13	14.0	0.0 -	0.0 -	0.0 -	11.5	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	10.1	0.0 -	13		
	14	7.0	0.0 -	0.0 -	0.0 -	7.5	0.0 -	7.0	0.0 -	8.5	0.0 -	0.0 -	39.5 +	14		
	15	12.0	0.0 -	0.0 -	23.0	0.0 -	24.0 +	0.0 -	18.0	0.0 -	0.0 -	0.0 -	2.0	15		
	16	2.6	0.0 -	0.0 -	21.0	0.0 -	0.0 -	0.0 -	0.0 -	3.0	0.0 -	0.0 -	16.0	16		
	17	0.0 -	21.5 +	0.0 -	25.0 +	0.0 -	0.0 -	0.0 -	1.8	9.8	0.0 -	0.0 -	0.0 -	17		
	18	0.0 -	0.0 -	26.0	17.0	0.5	0.0 -	2.0	30.7	13.0	0.0 -	9.5	5.5	18		
	19	0.0 -	0.0 -	1.0	1.0	13.0	0.0 -	5.8	3.0	22.0	0.0 -	5.5	0.0 -	19		
	20	0.0 -	2.8	0.0 -	0.0 -	0.0 -	4.5	1.0	0.0 -	6.5	0.0 -	0.0 -	0.0 -	20		
	21	0.0 -	4.6	2.6	0.0 -	0.0 -	0.0 -	3.0	0.0 -	0.0 -	9.5	0.0 -	2.5	21		
	22	0.0 -	0.0 -	19.8	0.0 -	0.0 -	0.0 -	1.0	0.0 -	0.0 -	8.2	0.0 -	3.0	22		
	23	0.0 -	9.8	0.0 -	0.0 -	1.5	0.0 -	0.5	0.0 -	0.0 -	8.0	0.0 -	0.0 -	23		
	24	0.0 -	1.9	0.0 -	0.0 -	0.0 -	4.0	35.0	4.8	0.0 -	0.0 -	0.0 -	0.0 -	24		
	25	0.0 -	0.0 -	0.0 -	9.5	0.0 -	13.5	46.0 +	3.0	0.5	0.0 -	24.5	0.0 -	25		
	26	0.0 -	0.0 -	0.0 -	9.6	0.0 -	12.0	7.0	0.0 -	5.0	0.0 -	2.0	0.0 -	26		
	27	0.0 -	3.2	0.0 -	24.8	0.0 -	20.0	1.0	0.0 -	0.0 -	29.5	0.0 -	5.0	27		
	28	0.0 -	3.4	0.0 -	10.7	0.0 -	10.5	0.0 -	0.0 -	0.5	1.0	2.5	4.0	28		
	29	0.0 -	0.0 -	0.0 -	0.0 -	8.0	23.0	9.5	0.0 -	0.0 -	34.0 +	9.0	6.0	29		
	30	11.5	0.0 -	0.0 -	0.0 -	3.5	11.5	4.5	0.0 -	19.5	0.0 -	7.0	13.0	30		
	31	35.0 +	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	43.5 +	0.0 -	0.0 -	0.0 -	3.0	31		
Monatssumme		140.6	68.2 -	163.4	166.1	88.5	163.5	154.3	215.1+	160.8	173.2	177.6	152.0			
Maximum		35.0	21.5	43.5	25.0	15.5 -	24.0	46.0 +	43.5	26.6	34.0	35.0	39.5	mm		
Datum (Tag)		31.	17.	9.	17.	6.	15.	25.	31.	9.	29.	5.	14.			
Niederschlagstage		12	13	11	11	11	14	19	14	14	12	13	18	d		
Niederschlagstage grösser / gleich als:		176 ≥0.1		176 ≥0.3		104 ≥5.0		66 ≥10.0		30 ≥20.0		0 ≥50.0		0 ≥100.0		mm
Jahreswerte:		Gesamtniederschlag (1a): 1823.3 mm												Niederschlagstage (≥1.0 mm): 162		



2006-2017	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Jahressumme	1530.7	1847.7+	1596.2	1572.4	1836.6	1459.3	1700.2	1520.2	1653.8	1410.1 -	1528.5	1823.3	mm
Jahresmaximum	54.0	76.5	97.5 +	55.0	89.0	78.0	41.0 -	63.0	76.0	61.8	43.9	46.0	
Datum (Tag.Monat)	17.9.	7.8.	15.8.	17.7.	5.8.	29.6.	9.10.	1.6.	31.8.	20.11.	13.5.	25.7.	
Durchschnittliche Jahressumme 2006-2017 (nur vollständige Jahre): 1623 mm				Normwert 1981-2010: 1646 mm				Normwert 1961-1990: 1562 mm					

