

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 Stationsindikativ 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	2015-2016	9
4020	Gütsch	690140/167590	2288	A	1955-2016	10
4040	Andermatt	688500/165340	1442	B	<1900-2016	11
4060	Göschener Alp	681240/166800	1745	C	1955-2016	12
4080	Göschenen	687730/169030	1111	C	1985-2016	13
4118	Bristen	696700/180300	828	C	1982-2016	14
4133	Unterschächen	702090/192140	1510	C	1982-2016	15
4140	Altdorf	691000/191750	451	A	<1900-2016	16
4170	Isenthal	685460/196110	778	C	1900-2016	17

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

Niederschlag: Tagessummen

Flussgebiet: Limmat

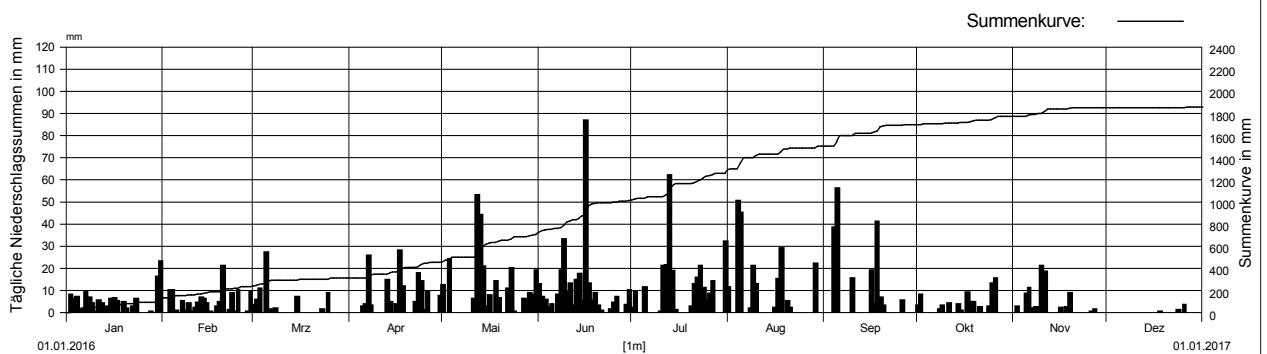
Messstelle: Urnerboden

Messstellen-Nr.: 3140

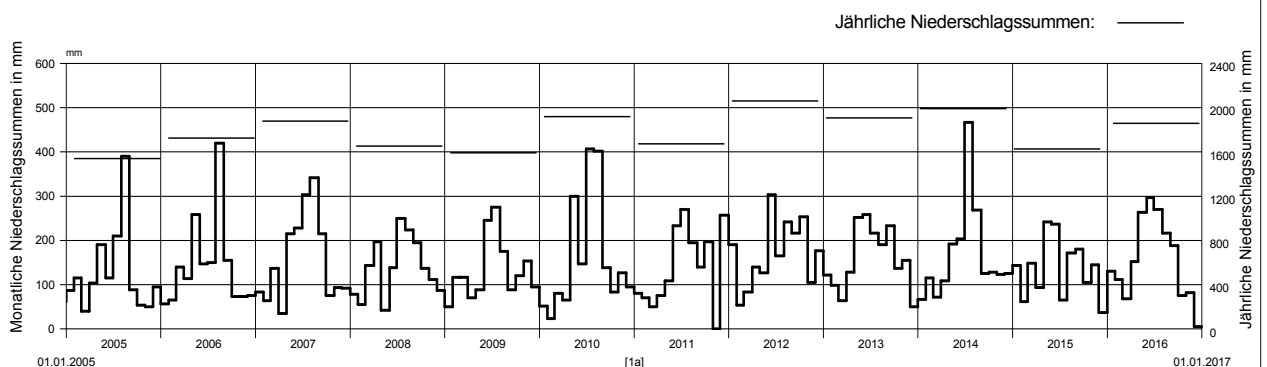
Koordinaten: 712 650 / 195 250

Stationshöhe: 1395 m ü.M.

2016		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tages- summen Niederschlag in mm	1	0.0 -	0.0 -	3.4	0.0 -	12.2	12.5	2.0	11.3	0.0 -	3.0	0.0 -	0.0 -	1	
	2	8.0	0.0 -	5.6	0.0 -	0.0 -	7.0	9.5	0.0 -	0.0 -	8.0	2.7	0.0 -	2	
	3	6.0	10.0	10.5	0.0 -	24.0	5.8	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	3	
	4	7.0	10.0	0.0 -	0.0 -	0.0 -	2.2	0.0 -	50.3 +	38.2	0.0 -	0.0 -	0.0 -	4	
	5	1.5	0.5	27.0 +	2.6	0.0 -	3.7	11.5	45.0	56.0 +	0.0 -	8.4	0.0 -	5	
	6	1.8	0.0 -	1.5	3.8	0.0 -	0.0 -	0.0 -	0.1	0.0 -	0.0 -	11.0	0.0 -	6	
	7	9.5	5.1	1.0	25.7	0.0 -	7.9	0.0 -	0.0 -	0.0 -	0.0 -	1.6	0.0 -	7	
	8	6.7	0.8	1.6	3.0	0.0 -	19.0	0.0 -	1.8	0.0 -	1.5	2.4	0.0 -	8	
	9	4.0	4.0	0.0 -	0.0 -	0.0 -	33.0	0.0 -	21.0	0.0 -	3.0	2.0	0.0 -	9	
	10	0.3	0.4	0.0 -	0.0 -	0.0 -	8.9	0.3	12.6	15.2	0.0 -	21.0 +	0.0 -	10	
	11	5.5	2.0	0.0 -	0.0 -	6.0	13.0	21.0	0.1	0.0 -	4.0	18.2	0.0 -	11	
	12	4.1	4.3	0.0 -	0.0 -	53.0 +	3.0	21.5	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	12	
	13	2.0	6.5	0.0 -	14.7	44.0	14.5	62.0 +	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	13	
	14	2.6	6.0	0.0 -	4.7	20.8	17.5	18.5	0.0 -	0.0 -	3.8	0.0 -	0.0 -	14	
	15	6.1	4.0	7.0	0.0 -	2.5	5.0	1.0	0.0 -	0.0 -	0.8	0.0 -	0.0 -	15	
	16	6.3	0.4	0.0 -	3.7	7.7	86.5 +	0.0 -	1.9	19.0	0.0 -	1.9	0.0 -	16	
	17	5.0	0.0 -	0.0 -	28.0 +	0.0 -	13.0	0.0 -	15.0	4.1	9.0	0.0 -	0.0 -	17	
	18	0.0 -	2.5	0.0 -	11.6	14.0	5.5	0.0 -	29.0	41.1	4.8	2.2	0.3	18	
	19	4.6	4.8	0.0 -	0.0 -	6.3	8.5	0.0 -	0.0 -	6.7	4.5	8.5	0.0 -	19	
	20	1.8	21.0 +	0.0 -	0.0 -	0.0 -	3.0	2.5	5.0	3.0	0.0 -	0.0 -	0.0 -	20	
	21	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.7	12.5	2.0	0.0 -	2.2	0.0 -	0.0 -	21	
	22	2.6	1.1	0.0 -	4.5	10.7	0.0 -	15.6	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	22	
	23	6.0	8.7	1.5	17.8	20.0	0.0 -	21.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	23	
	24	0.0 -	0.3	0.0 -	14.0	0.4	1.3	11.0	0.0 -	0.0 -	2.5	0.0 -	1.0	24	
	25	0.0 -	10.0	8.8	1.0	0.0 -	4.4	5.2	0.0 -	0.0 -	13.0	0.0 -	0.0 -	25	
	+ Maximum - Minimum	26	0.0 -	0.0 -	0.0 -	9.3	0.0 -	7.0	8.3	0.0 -	5.2	15.5 +	0.2	3.2 +	26
		27	0.0 -	0.0 -	0.0 -	0.0 -	6.0	0.0 -	14.0	0.0 -	0.0 -	0.0 -	1.5	0.0 -	27
		28	0.3	0.2	0.0 -	0.0 -	0.3	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	28
		29	0.0 -	9.5	0.0 -	0.0 -	8.5	3.2	0.0 -	21.9	0.0 -	0.0 -	0.0 -	0.0 -	29
		30	16.0		0.0 -	7.2	8.0	10.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	30
		31	23.0 +		0.0 -		19.0		32.0	0.0 -		0.0 -		0.0 -	31
Monatssumme	130.7	112.1	67.9	151.6	263.4	296.1+	269.4	217.0	188.5	75.6	81.6	4.5 -			
Maximum	23.0	21.0	27.0	28.0	53.0	86.5 +	62.0	50.3	56.0	15.5	21.0	3.2 -	mm		
Datum (Tag)	31.	20.	5.	17.	12.	16.	13.	4.	5.	26.	10.	26.			
Niederschlagstage	21	16	10	15	16	24	17	12	9	13	12	2	d		
Niederschlagstage grösser / gleich als:	184 ≥ 0.1		180 ≥ 0.3		105 ≥ 5.0		61 ≥ 10.0		26 ≥ 20.0		5 ≥ 50.0		0 ≥ 100.0		mm
Jahreswerte:	Gesamtniederschlag (1a): 1858.4 mm						Niederschlagstage (≥ 1.0 mm): 167								



2005-2016	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Jahressumme	1537.3-	1728.1	1880.2	1655.7	1592.2	1919.1	1673.8	2058.0+	1904.0	1992.5	1625.7	1858.4	
Jahresmaximum	115.6 +	64.5	64.5	52.2 -	93.5	93.6	57.8	91.3	96.4	64.5	70.5	86.5	mm
Datum (Tag.Monat)	22.8.	16.9.	15.6.	12.7.	17.7.	5.8.	13.7.	9.10.	1.6.	31.8.	20.11.	16.6.	
Durchschnittliche Jahressumme 2005-2016 (nur vollständige Jahre):	1785 mm			Normwert 1981-2010: 1836 mm				Normwert 1961-1990: 1814 mm					



Niederschlag: Tagessummen

Flussgebiet: Reuss

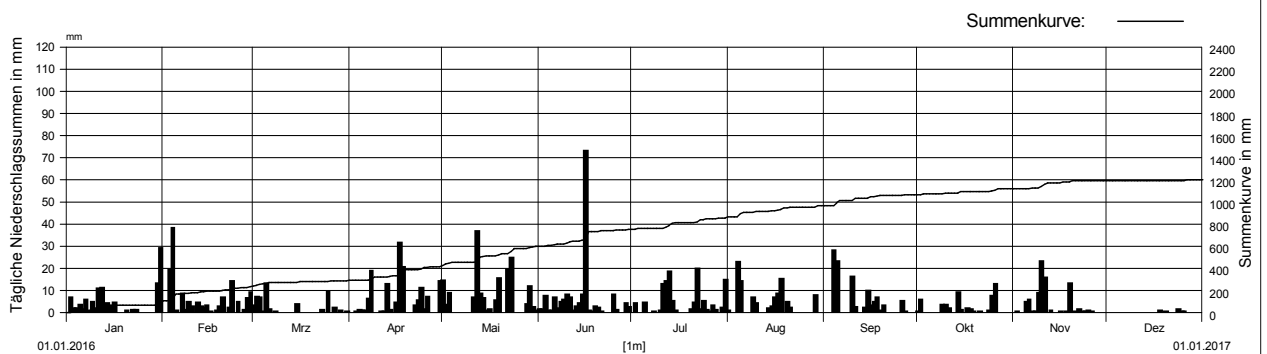
Messstelle: Gütsch

Messstellen-Nr.: 4020

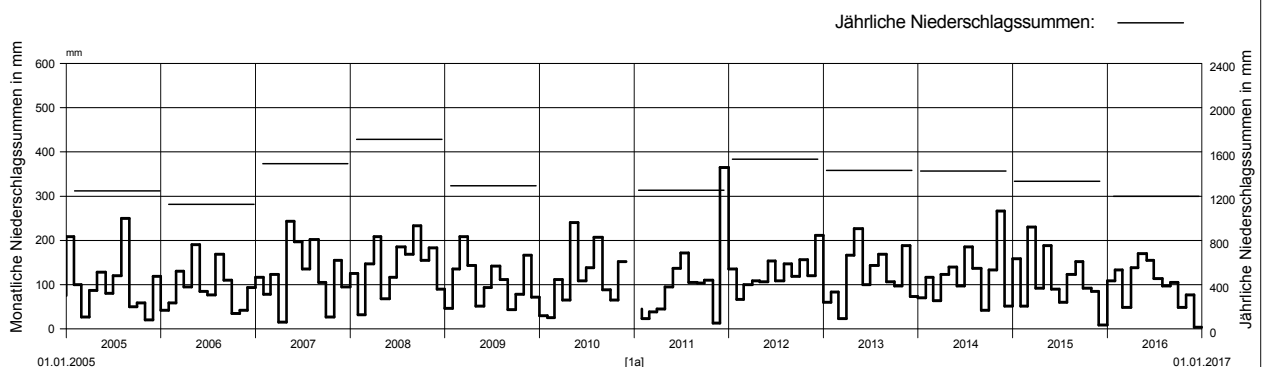
Koordinaten: 690 140 / 167 590

Stationshöhe: 2288 m ü.M.

2016		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tages- summen Niederschlag in mm	1	0.0 -	0.0 -	2.9	0.0 -	14.3	1.4	0.0 -	0.8	0.0 -	0.2	0.0 -	0.0 -	1
	2	6.6	0.0 -	7.0	0.0 -	3.2	1.5	3.9	0.1	0.0 -	5.7	0.2	0.0 -	2
	3	1.8	19.5	6.8	0.2	8.6	7.5	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	3
	4	1.8	38.0 +	0.3	1.0	0.0 -	0.7	0.0 -	22.6 +	28.1 +	0.0 -	0.0 -	0.0 -	4
	5	3.5	0.8	13.1 +	0.6	0.0 -	0.8	4.2	13.9	23.0	0.0 -	4.6	0.0 -	5
	6	1.3	0.0 -	1.2	0.5	0.0 -	6.7	0.0 -	0.0 -	0.0 -	0.0 -	5.8	0.0 -	6
	7	5.6	8.3	0.0 -	5.9	0.0 -	1.8	0.0 -	0.0 -	0.0 -	0.0 -	0.3	0.0 -	7
	8	0.3	0.9	0.2	18.5	0.0 -	4.6	0.3	0.1	0.0 -	0.0 -	0.4	0.0 -	8
	9	4.7	4.6	0.0 -	0.0 -	0.0 -	5.8	0.0 -	6.7	0.0 -	3.5	8.7	0.0 -	9
	10	1.6	2.6	0.0 -	0.0 -	0.0 -	8.0	0.7	4.0	16.0	3.2	23.1 +	0.0 -	10
	11	10.8	0.0 -	0.0 -	0.2	6.8	6.8	12.6	0.0 -	2.2	1.7	15.8	0.0 -	11
	12	11.0	4.3	0.0 -	0.2	36.8 +	0.5	14.1	0.1	0.0 -	0.0 -	0.0 -	0.0 -	12
	13	3.2	2.5	0.0 -	12.7	8.4	2.8	18.2	0.0 -	0.0 -	0.1	0.5	0.0 -	13
	14	4.1	2.0	0.0 -	1.0	6.4	4.1	5.0	1.7	2.1	9.1	0.0 -	0.0 -	14
	15	3.0	3.1	3.8	0.0 -	0.8	8.0	0.5	2.6	9.7	1.1	0.0 -	0.0 -	15
	16	4.2	0.2	0.0 -	4.2	1.2	73.1 +	0.0 -	6.8	3.1	0.0 -	0.3	0.0 -	16
	17	0.0 -	0.0 -	0.0 -	31.3 +	0.0 -	0.5	0.0 -	8.2	4.5	1.8	0.0 -	0.0 -	17
	18	0.0 -	0.8	0.0 -	20.4	5.5	0.4	0.0 -	15.1	6.8	1.2	0.4	0.5	18
	19	0.0 -	2.8	0.0 -	0.0 -	15.5	2.8	0.0 -	0.0 -	0.6	0.2	13.1	0.0 -	19
	20	0.5	6.6	0.0 -	0.0 -	0.0 -	2.0	1.2	4.7	3.0	0.0 -	0.0 -	0.3	20
	21	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.2	4.2	1.9	0.0 -	0.3	0.3	0.0 -	21
	22	0.9	1.9	0.0 -	2.9	19.5	0.0 -	19.7 +	0.0 -	0.0 -	0.0 -	1.4	0.0 -	22
	23	1.0	14.0	0.9	5.3	24.6	0.0 -	1.5	0.0 -	0.0 -	0.0 -	0.4	0.0 -	23
	24	0.0 -	0.0 -	0.0 -	10.9	0.1	0.0 -	4.9	0.0 -	0.0 -	0.6	0.4	1.4 +	24
	25	0.0 -	4.5	9.2	1.3	0.0 -	7.9	1.0	0.0 -	0.0 -	7.3	0.8	0.4	25
	26	0.0 -	0.0 -	0.0 -	7.0	0.0 -	1.0	0.4	0.0 -	4.9	12.8 +	0.2	0.3	26
	+ Maximum	0.0 -	1.0	2.0	0.0 -	0.0 -	0.0 -	3.1	0.0 -	0.3	0.0 -	0.1	0.0 -	27
	28	0.1	6.3	0.0 -	0.0 -	3.6	0.0 -	1.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	28
	- Minimum	0.0 -	9.0	0.7	0.0 -	11.8	4.1	0.1	7.7	0.0 -	0.0 -	0.0 -	0.0 -	29
	30	13.1		0.0 -	13.9	2.4	2.4	2.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	30
	31	29.0 +		0.2		0.5		14.7	0.1		0.0 -		0.0 -	31
Monatssumme	108.1	133.7	48.3	138.0	170.0+	155.4	113.3	97.1	104.3	48.8	76.8	2.9 -		
Maximum	29.0	38.0	13.1	31.3	36.8	73.1 +	19.7	22.6	28.1	12.8	23.1	1.4 -	mm	
Datum (Tag)	31.	4.	5.	17.	12.	16.	22.	4.	4.	26.	10.	24.		
Niederschlagstage	17	17	8	14	15	19	16	12	11	10	7	1	d	
Niederschlagstage grösser / gleich als:			207 ≥ 0.1	187 ≥ 0.3	72 ≥ 5.0	36 ≥ 10.0	11 ≥ 20.0	1 ≥ 50.0	0 ≥ 100.0					mm
Jahreswerte:	Gesamtniederschlag (1a): 1196.7 mm						Niederschlagstage (≥ 1.0 mm): 147							



2005-2016	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Jahressumme	1249.0	1124.7-	1491.4	1713.6+	1295.6	--	1251.2	1533.1	1432.7	1427.3	1330.6	1196.7	
Jahresmaximum	81.4	45.7 -	60.7	91.5	91.8	61.9	50.0	75.6	93.9	117.9 +	95.0	73.1	mm
Datum (Tag.Monat)	21.1.	22.5.	10.11.	21.11.	30.11.	2.5.	22.12.	20.1.	19.4.	5.11.	30.3.	16.6.	
Durchschnittliche Jahressumme 2005-2016 (nur vollständige Jahre):	1368 mm			Normwert 1981-2010: 1453 mm				Normwert 1961-1990: 1479 mm					



Niederschlag: Tagessummen

Flussgebiet: Reuss

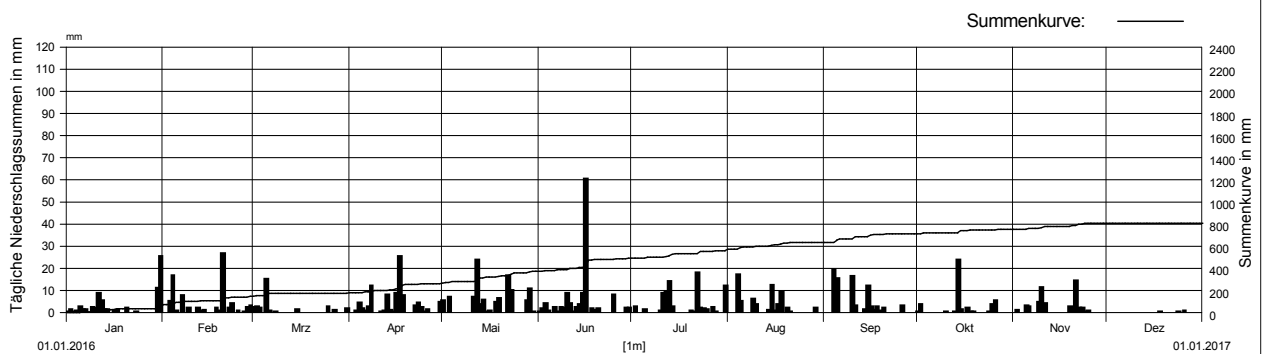
Messstelle: Andermatt

Messstellen-Nr.: 4040

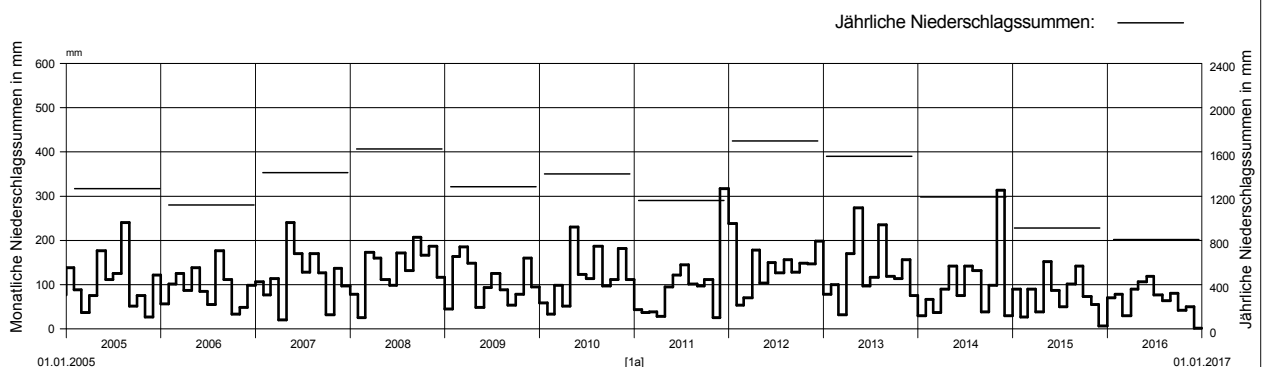
Koordinaten: 688 500 / 165 340

Stationshöhe: 1442 m ü.M.

2016		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tages- summen Niederschlag in mm + Maximum - Minimum	1	0.3	0.0 -	2.2	0.0 -	5.3	0.4	0.0 -	0.1	0.1	0.2	0.0 -	0.0 -	1
	2	1.3	0.0 -	2.8	0.0 -	0.1	1.7	2.6	0.0 -	0.0 -	3.7	1.0	0.0 -	2
	3	0.4	5.1	2.1	0.7	6.9	3.9	0.0 -	0.1	0.0 -	0.0 -	0.0 -	0.0 -	3
	4	0.7	16.6	0.1	4.4	0.0 -	0.6	0.0 -	17.0 +	19.3 +	0.0 -	0.0 -	0.0 -	4
	5	2.8	0.5	14.9 +	1.7	0.0 -	0.1	1.4	4.9	15.4	0.0 -	3.0	0.0 -	5
	6	1.3	0.0 -	0.8	0.8	0.0 -	2.4	0.0 -	0.0 -	0.0 -	0.0 -	2.7	0.0 -	6
	7	1.3	7.8	0.0 -	2.6	0.0 -	0.3	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	7
	8	0.0 -	0.0 -	0.2	11.9	0.0 -	2.2	0.0 -	0.0 -	0.0 -	0.0 -	0.1	0.0 -	8
	9	2.4	2.0	0.0 -	0.0 -	0.0 -	2.1	0.0 -	6.1	0.0 -	0.1	4.5	0.0 -	9
	10	2.0	0.1	0.0 -	0.0 -	0.0 -	8.7	0.6	3.6	16.3	0.2	11.4	0.0 -	10
	11	8.8	0.0 -	0.0 -	0.3	6.9	4.1	8.8	0.1	3.1	0.0 -	4.0	0.0 -	11
	12	5.2	2.0	0.0 -	0.7	23.8 +	0.2	9.2	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	12
	13	1.5	0.6	0.0 -	8.0	3.8	2.4	14.0	0.0 -	0.0 -	0.3	0.0 -	0.0 -	13
	14	1.4	1.1	0.0 -	0.9	5.6	3.7	2.5	1.1	1.4	23.7 +	0.0 -	0.0 -	14
	15	0.1	0.1	1.3	0.3	0.2	8.7	0.0 -	12.4	12.0	1.4	0.0 -	0.0 -	15
	16	1.1	0.1	0.0 -	8.6	0.8	60.2 +	0.0 -	0.7	2.6	0.0 -	0.0 -	0.0 -	16
	17	0.9	0.0 -	0.0 -	25.5 +	0.0 -	0.1	0.0 -	3.8	0.9	2.0	0.0 -	0.0 -	17
	18	0.0 -	1.9	0.0 -	7.6	4.5	1.7	0.0 -	9.4	2.8	0.2	0.1	0.4	18
	19	0.0 -	0.7	0.0 -	0.0 -	6.3	1.0	0.0 -	0.0 -	0.5	0.3	2.6	0.0 -	19
	20	1.9	26.7 +	0.0 -	0.0 -	0.0 -	1.8	0.5	2.0	2.0	0.0 -	1.4	0.0 -	20
	21	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.1	0.3	0.4	0.0 -	0.0 -	14.3 +	0.0 -	21
	22	0.1	1.9	0.0 -	3.0	16.5	0.0 -	17.9 +	0.0 -	0.0 -	0.0 -	2.1	0.0 -	22
	23	0.3	4.1	0.0 -	4.4	10.0	0.0 -	2.1	0.0 -	0.0 -	0.0 -	2.0	0.0 -	23
	24	0.0 -	0.0 -	0.0 -	2.3	0.0 -	0.0 -	1.6	0.0 -	0.0 -	0.3	0.3	0.4	24
	25	0.0 -	0.6	2.5	0.2	0.0 -	7.9	1.3	0.0 -	0.0 -	3.8	0.6	0.0 -	25
	26	0.0 -	0.0 -	0.0 -	1.5	0.0 -	0.0 -	0.0 -	0.0 -	3.1	5.3	0.0 -	0.7 +	26
	27	0.0 -	0.4	1.0	0.0 -	0.0 -	0.0 -	2.4	0.0 -	0.1	0.0 -	0.1	0.0 -	27
	28	0.0 -	2.4	0.0 -	0.0 -	5.4	0.0 -	0.2	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	28
	29	0.1	3.1	0.0 -	0.0 -	10.5	1.9	0.0 -	1.9	0.0 -	0.0 -	0.0 -	0.0 -	29
	30	11.0	0.0 -	4.7	0.4	2.1	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	30
	31	25.3 +		1.8		0.0 -		11.9	0.0 -					31
Monatssumme	70.2	77.8	29.7	90.1	107.0	118.3+	77.3	63.6	79.6	41.5	50.2	1.5 -		
Maximum	25.3	26.7	14.9	25.5	23.8	60.2 +	17.9	17.0	19.3	23.7	14.3	0.7 -	mm	
Datum (Tag)	31.	20.	5.	17.	12.	16.	22.	4.	4.	14.	21.	26.		
Niederschlagstage	14	12	8	13	12	17	12	10	10	6	11	0	d	
Niederschlagstage grösser / gleich als:	190 ≥ 0.1		162 ≥ 0.3		45 ≥ 5.0		24 ≥ 10.0		6 ≥ 20.0		1 ≥ 50.0		0 ≥ 100.0	
Jahreswerte:	Gesamtniederschlag (1a): 806.8 mm						Niederschlagstage (≥ 1.0 mm): 125							



2005-2016	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Jahressumme	1265.0	1118.2	1414.9	1625.8	1283.7	1397.7	1161.1	1696.7+	1562.7	1193.1	911.7	806.8 -	mm
Jahresmaximum	45.3	45.9	55.0	71.3	80.0	58.7	47.5	71.8	65.2	98.0 +	43.9 -	60.2	
Datum (Tag, Monat)	2.8.	8.12.	14.5.	29.10.	17.7.	15.11.	26.8.	26.9.	19.4.	4.11.	20.11.	16.6.	
Durchschnittliche Jahressumme 2005-2016 (nur vollständige Jahre):	1286 mm			Normwert 1981-2010: 1552 mm				Normwert 1961-1990: 1422 mm					



Niederschlag: Tagessummen

Flussgebiet: Reuss

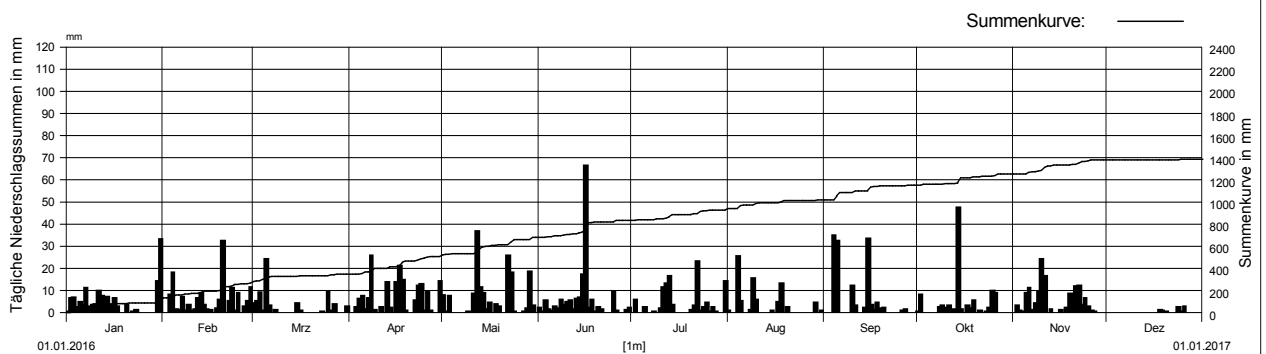
Messstelle: Göschener Alp

Messstellen-Nr.: 4060

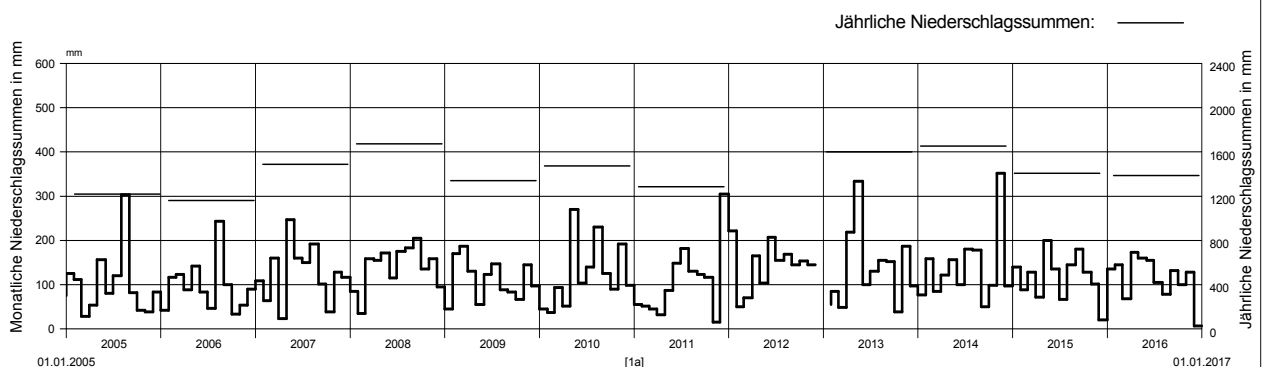
Koordinaten: 681 240 / 166 800

Stationshöhe: 1745 m ü.M.

2016		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tages-	1	0.3	0.0 -	3.9	0.0 -	7.6	2.0	0.0 -	0.8	0.0 -	0.2	0.0 -	0.0 -	1		
	2	6.2	0.0 -	4.9	0.0 -	0.2	0.2	5.7	0.1	0.0 -	8.0	3.0	0.0 -	2		
	3	6.5	7.9	9.1	2.4	7.5	5.3	0.0 -	0.0 -	0.0 -	0.0 -	0.5	0.0 -	3		
	4	2.2	17.9	0.7	6.1	0.0 -	1.5	0.0 -	25.2 +	34.8 +	0.0 -	0.2	0.0 -	4		
	5	4.5	1.3	24.1 +	7.4	0.0 -	0.6	2.3	5.1	32.4	0.0 -	8.6	0.0 -	5		
	6	3.1	1.0	3.1	1.4	0.0 -	2.8	0.0 -	0.0 -	0.0 -	0.0 -	11.0	0.0 -	6		
	7	10.9	6.9	0.1	6.4	0.0 -	1.8	0.0 -	0.0 -	0.0 -	0.0 -	0.9	0.0 -	7		
	8	2.7	0.6	1.0	25.7 +	0.0 -	5.6	0.4	0.9	0.0 -	2.4	4.0	0.0 -	8		
	9	3.4	3.2	0.0 -	1.1	0.4	3.3	0.0 -	15.2	0.0 -	3.0	9.2	0.0 -	9		
	10	3.6	0.8	0.0 -	0.0 -	0.0 -	4.5	1.7	5.8	11.9	2.1	23.9 +	0.0 -	10		
summen	11	9.6	1.5	0.0 -	2.4	8.2	5.2	11.4	0.1	3.0	3.1	16.4	0.0 -	11		
Niederschlag	12	7.3	6.3	0.0 -	0.1	36.6 +	1.5	12.9	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	12		
in mm	13	2.1	8.7	0.0 -	13.8	11.3	6.1	16.3	0.0 -	0.0 -	1.2	1.4	0.0 -	13		
	14	7.0	3.4	0.0 -	2.1	8.7	6.7	3.4	0.0 -	2.1	47.5 +	0.0 -	0.0 -	14		
	15	3.6	1.2	4.0	0.0 -	1.4	17.0	0.1	0.8	33.2	1.2	0.0 -	0.0 -	15		
	16	6.4	1.1	0.7	13.6	4.4	66.2 +	0.0 -	0.0 -	3.2	0.0 -	1.0	0.0 -	16		
	17	2.8	0.0 -	0.0 -	21.1	0.0 -	2.0	0.0 -	4.5	1.1	3.1	0.0 -	0.0 -	17		
	18	0.0 -	1.7	0.0 -	14.6	3.6	5.7	0.0 -	12.9	4.2	1.7	2.0	1.1	18		
	19	0.0 -	5.6	0.0 -	0.8	2.5	0.4	0.0 -	0.0 -	1.7	5.4	8.2	0.5	19		
	20	3.4	32.3 +	0.0 -	0.0 -	0.0 -	2.3	0.9	2.2	2.1	0.0 -	0.6	0.3	20		
	21	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	1.2	3.1	0.0 -	0.1	0.6	11.7	0.0 -	21		
	22	0.4	4.9	0.0 -	5.4	25.6	0.0 -	23.1 +	0.0 -	0.0 -	0.0 -	12.0	0.0 -	22		
	23	1.0	11.0	0.3	12.0	17.9	0.0 -	0.8	0.0 -	0.0 -	0.3	3.5	0.0 -	23		
	24	0.0 -	0.5	0.0 -	12.5	0.4	0.0 -	2.3	0.0 -	0.0 -	2.0	6.4	2.3	24		
	25	0.0 -	8.7	9.2	0.5	0.0 -	9.3	4.4	0.0 -	0.0 -	9.7	2.8	0.4	25		
	26	0.0 -	0.0 -	0.5	9.4	0.0 -	0.5	0.2	0.0 -	0.6	8.8	0.5	2.8 +	26		
+ Maximum	27	0.0 -	2.5	3.7	0.5	0.4	0.0 -	2.3	0.0 -	1.4	0.0 -	0.3	0.1	27		
- Minimum	28	0.1	5.0	0.0 -	0.0 -	1.6	0.0 -	0.2	0.0 -	0.0 -	0.0 -	0.1	0.0 -	28		
	29	0.1	11.3	0.0 -	0.0 -	18.3	1.0	0.0 -	4.3	0.0 -	0.0 -	0.0 -	0.0 -	29		
	30	14.0	0.0 -	0.0 -	14.0	3.0	1.9	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	30		
	31	33.0 +		2.7		0.0 -		13.9	0.8		0.0 -		0.0 -	31		
Monatssumme		134.2	145.3	68.0	173.3+	159.6	154.6	105.4	78.7	131.8	100.3	128.2	7.5 -			
Maximum		33.0	32.3	24.1	25.7	36.6	66.2 +	23.1	25.2	34.8	47.5	23.9	2.8 -	mm		
Datum (Tag)		31.	20.	5.	8.	12.	16.	22.	4.	4.	14.	10.	26.			
Niederschlagstage		20	21	10	18	15	21	13	8	12	14	16	3	d		
Niederschlagstage grösser / gleich als:		223 ≥0.1		207 ≥0.3		83 ≥5.0		41 ≥10.0		15 ≥20.0		1 ≥50.0		0 ≥100.0		mm
Jahreswerte:		Gesamtniederschlag (1a): 1386.9 mm						Niederschlagstage (≥1.0 mm): 171								



2005-2016	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Jahressumme	1220.0	1160.8-	1487.9	1672.9+	1338.2	1473.3	1284.5	--	1601.6	1651.7	1405.3	1386.9	
Jahresmaximum	59.5	45.7 -	58.0	57.5	71.0	55.4	63.5	57.0	90.0	125.8 +	61.2	66.2	mm
Datum (Tag.Monat)	1.8.	19.2.	1.3.	6.9.	17.7.	14.8.	26.8.	3.6.	19.4.	4.11.	15.5.	16.6.	
Durchschnittliche Jahressumme 2005-2016 (nur vollständige Jahre):	1426 mm			Normwert 1981-2010: 1567 mm				Normwert 1961-1990: 1555 mm					



Niederschlag: Tagessummen

Flussgebiet: Reuss

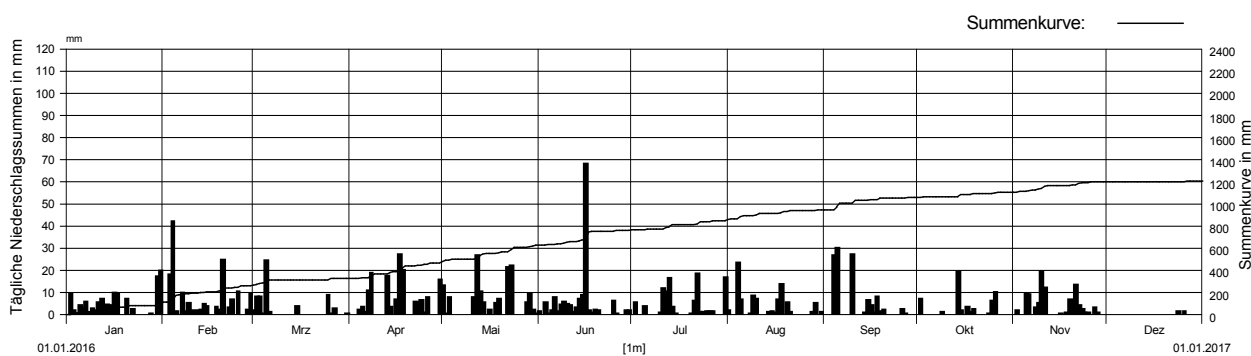
Messstelle: Göschenen

Messstellen-Nr.: 4080

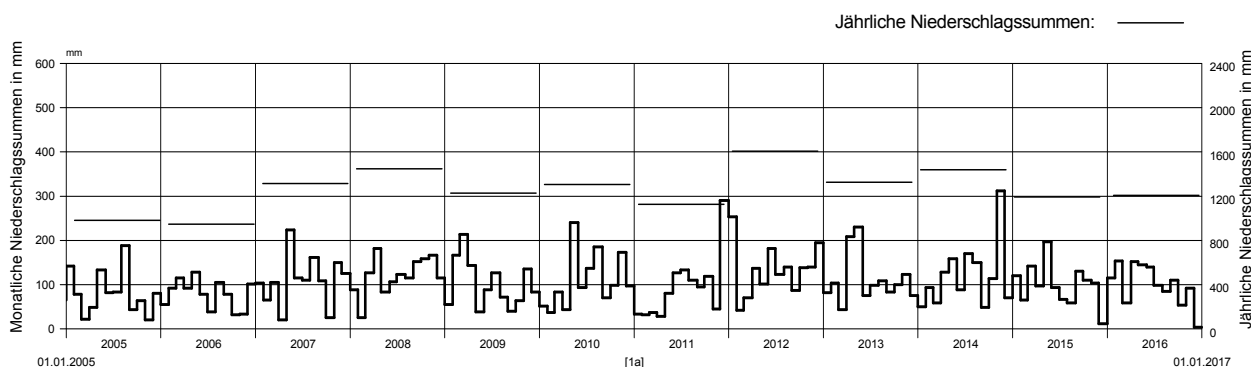
Koordinaten: 687 730 / 169 030

Stationshöhe: 1111 m ü.M.

2016		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tages- summen Niederschlag in mm	1	0.0 -	0.0 -	1.7	0.0 -	12.9	1.5	0.0 -	1.7	0.0 -	0.0 -	0.0 -	0.0 -	1	
	2	9.2	0.0 -	8.1	0.0 -	0.3	0.1	5.3	0.0 -	0.0 -	7.0	1.6	0.0 -	2	
	3	1.8	18.1	8.0	0.0 -	7.6	5.4	0.0 -	0.0 -	0.0 -	0.0 -	0.1	0.0 -	3	
	4	0.4	42.1 +	0.3	1.9	0.0 -	0.4	0.0 -	23.4 +	26.7	0.0 -	0.1	0.0 -	4	
	5	3.9	1.5	24.2 +	3.4	0.0 -	1.7	3.6	6.8	30.1 +	0.0 -	9.2	0.0 -	5	
	6	2.9	0.0 -	1.1	1.0	0.0 -	7.8	0.0 -	0.0 -	0.0 -	0.0 -	9.0	0.0 -	6	
	7	5.6	9.8	0.0 -	10.5	0.0 -	1.3	0.0 -	0.0 -	0.0 -	0.0 -	0.1	0.0 -	7	
	8	0.5	1.2	0.0 -	18.6	0.0 -	4.4	0.0 -	0.2	0.0 -	0.0 -	3.0	0.0 -	8	
	9	2.7	4.9	0.0 -	0.0 -	0.0 -	5.8	0.0 -	8.4	0.0 -	1.0	5.0	0.0 -	9	
	10	1.6	1.7	0.0 -	0.0 -	0.0 -	4.8	0.6	6.9	27.0	0.0 -	19.3 +	0.0 -	10	
	11	5.4	0.0 -	0.0 -	0.0 -	7.7	4.1	11.8	0.0 -	0.0 -	0.1	12.0	0.0 -	11	
	12	7.1	1.8	0.0 -	0.0 -	26.7 +	1.0	10.3	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	12	
	13	1.4	2.1	0.0 -	17.3	10.2	3.1	16.2	0.0 -	0.0 -	0.1	0.0 -	0.0 -	13	
	14	4.3	4.8	0.0 -	3.5	5.5	7.0	3.2	1.0	0.7	19.5 +	0.0 -	0.0 -	14	
	15	3.9	3.6	3.8	0.0 -	0.0 -	8.8	0.4	1.4	6.2	1.7	0.0 -	0.0 -	15	
	16	9.8	0.0 -	0.0 -	6.7	1.9	67.9 +	0.0 -	0.8	4.0	0.0 -	0.2	0.0 -	16	
	17	9.4	0.0 -	0.0 -	26.9 +	0.0 -	1.6	0.0 -	6.8	0.7	3.3	0.0 -	0.0 -	17	
	18	0.0 -	3.5	0.0 -	20.0	4.9	0.5	0.0 -	13.8	8.1	0.9	0.6	0.1	18	
	19	0.0 -	2.1	0.0 -	0.0 -	6.9	1.9	0.0 -	0.0 -	1.3	2.4	6.6	0.0 -	19	
	20	6.9	24.6	0.0 -	0.0 -	0.0 -	1.7	0.3	5.4	2.0	0.0 -	0.1	0.0 -	20	
	21	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	5.9	1.0	0.0 -	0.1	13.3	0.0 -	21	
	22	2.2	3.0	0.0 -	5.8	21.4	0.0 -	18.3 +	0.0 -	0.0 -	0.0 -	4.0	0.0 -	22	
	23	0.0 -	6.6	0.0 -	5.3	22.0	0.0 -	1.0	0.0 -	0.0 -	0.0 -	2.4	0.0 -	23	
	24	0.0 -	0.0 -	0.0 -	6.2	0.0 -	0.0 -	0.9	0.0 -	0.0 -	0.4	0.7	1.5 +	24	
	25	0.0 -	10.3	8.7	0.5	0.0 -	6.0	1.3	0.0 -	0.0 -	5.9	0.8	0.0 -	25	
	26	0.0 -	0.0 -	0.2	7.6	0.0 -	0.2	1.4	0.0 -	2.2	10.1	0.0 -	1.3	26	
	+ Maximum	0.0 -	0.0 -	2.8	0.1	0.0 -	0.0 -	1.4	0.0 -	0.4	0.0 -	3.0	0.0 -	27	
	28	0.3	2.1	0.0 -	0.0 -	5.3	0.0 -	0.0 -	0.9	0.0 -	0.0 -	0.8	0.0 -	28	
	- Minimum	0.0 -	9.5	0.0 -	0.0 -	9.2	1.7	0.0 -	5.0	0.0 -	0.0 -	0.0 -	0.0 -	29	
	30	16.9	0.0 -	15.7	1.9	1.7	1.7	0.0 -	0.1	0.0 -	0.0 -	0.0 -	0.0 -	30	
	31	19.6 +		0.2	0.2	0.2	0.2	16.7	1.0					31	
Monatssumme	115.8	153.3+	59.1	151.0	144.6	140.4	98.6	84.6	109.4	52.5	91.9	2.9 -			
Maximum	19.6	42.1	24.2	26.9	26.7	67.9 +	18.3	23.4	30.1	19.5	19.3	1.5 -	mm		
Datum (Tag)	31.	4.	5.	17.	12.	16.	22.	4.	5.	14.	10.	24.			
Niederschlagstage	18	19	8	15	14	20	13	13	9	8	12	2	d		
Niederschlagstage grösser / gleich als:	191 ≥ 0.1		174 ≥ 0.3		80 ≥ 5.0		34 ≥ 10.0		13 ≥ 20.0		1 ≥ 50.0		0 ≥ 100.0		mm
Jahreswerte:	Gesamtniederschlag (1a): 1204.1 mm						Niederschlagstage (≥ 1.0 mm): 151								



2005-2016	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Jahressumme	982.8	949.5 -	1311.8	1443.6	1224.3	1304.6	1129.5	1608.5+	1326.8	1440.3	1192.4	1204.1	
Jahresmaximum	47.8	49.0	51.1	63.7	66.8	64.4	40.1 -	67.1	74.3	104.6 +	73.4	67.9	mm
Datum (Tag.Monat)	21.1.	8.12.	8.8.	29.10.	17.7.	15.11.	26.8.	20.1.	19.4.	4.11.	20.11.	16.6.	
Durchschnittliche Jahressumme 2005-2016 (nur vollständige Jahre):	1260 mm			Normwert 1981-2010: 1330 mm				Normwert 1961-1990: 1424 mm					



Niederschlag: Tagessummen

Flussgebiet: Reuss

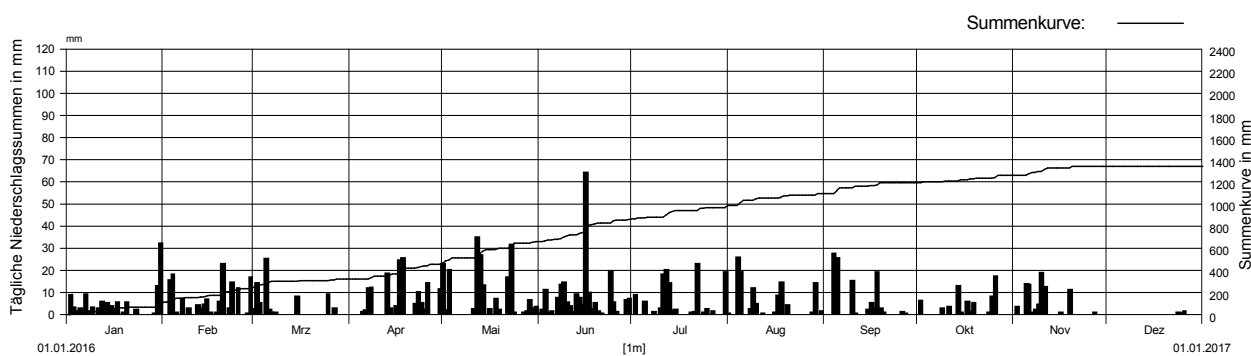
Messstelle: Bristen

Messstellen-Nr.: 4118

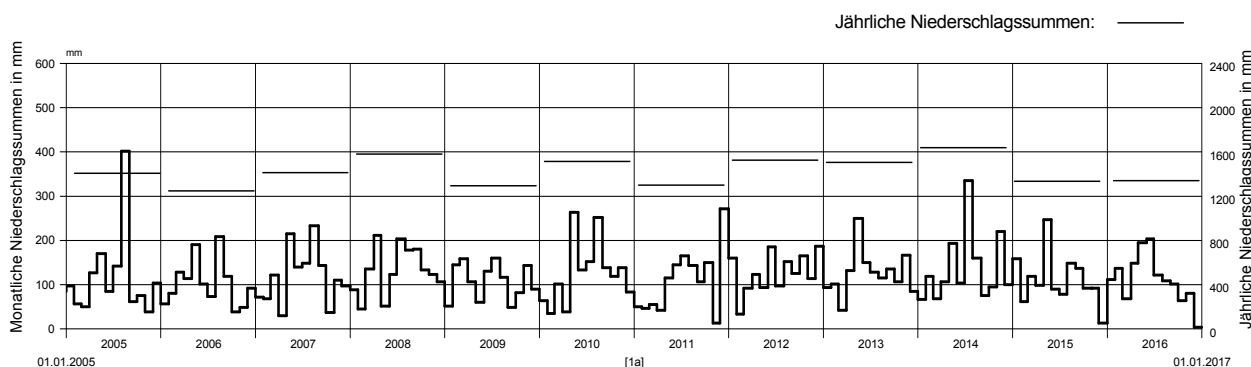
Koordinaten: 696 700 / 180 300

Stationshöhe: 828 m ü.M.

2016		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tages- summen Niederschlag in mm	1	0.1	0.0 -	2.3	0.0 -	22.7	0.2	0.0 -	0.3	0.0 -	0.0 -	0.0 -	0.0 -	1	
	2	8.6	0.0 -	13.9	0.0 -	1.6	2.0	8.8	0.0 -	0.0 -	6.1	3.4	0.0 -	2	
	3	3.1	15.5	5.0	0.0 -	20.1	11.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	3	
	4	1.2	18.0	0.0 -	0.0 -	0.0 -	0.6	0.0 -	25.8 +	27.2 +	0.0 -	0.0 -	0.0 -	4	
	5	2.5	0.8	25.1 +	1.0	0.0 -	1.4	5.8	19.4	25.2	0.0 -	13.7	0.0 -	5	
	6	1.3	0.0 -	2.1	1.6	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	13.4	0.0 -	6	
	7	8.9	6.9	0.6	11.7	0.0 -	7.5	0.0 -	0.0 -	0.0 -	0.0 -	0.5	0.0 -	7	
	8	1.2	0.0 -	0.7	11.9	0.0 -	13.3	0.9	2.4	0.0 -	0.0 -	2.1	0.0 -	8	
	9	3.1	2.8	0.0 -	0.1	0.0 -	14.4	0.0 -	11.6	0.0 -	2.7	4.3	0.0 -	9	
	10	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	5.2	2.6	4.8	14.9	0.0 -	18.8 +	0.0 -	10	
	11	2.8	0.0 -	0.0 -	0.0 -	2.4	3.8	18.1	0.0 -	0.2	3.2	12.2	0.0 -	11	
	12	5.8	3.9	0.0 -	0.0 -	34.6 +	1.1	19.9	0.3	0.0 -	0.0 -	0.0 -	0.0 -	12	
	13	4.5	2.5	0.0 -	18.2	26.6	8.9	14.1	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	13	
	14	5.1	4.2	0.0 -	2.5	13.0	7.3	1.6	0.0 -	0.0 -	12.6	0.0 -	0.0 -	14	
	15	3.7	6.5	7.9	0.0 -	0.0 -	4.3	1.9	0.0 -	2.1	0.6	0.1	0.0 -	15	
	16	2.4	0.7	0.0 -	3.7	2.4	64.0 +	0.0 -	0.8	5.1	0.0 -	0.5	0.0 -	16	
	17	5.4	0.0 -	0.0 -	24.3	0.0 -	9.6	0.0 -	8.2	2.7	5.6	0.0 -	0.0 -	17	
	18	0.0 -	0.8	0.0 -	25.4 +	7.1	2.3	0.0 -	14.2	18.9	1.3	0.1	0.1	18	
	19	0.6	5.7	0.0 -	0.0 -	2.0	5.0	0.0 -	0.0 -	2.7	5.0	10.9	0.0 -	19	
	20	5.2	22.8 +	0.0 -	0.0 -	0.0 -	1.5	0.7	4.1	0.8	0.0 -	0.0 -	0.0 -	20	
	21	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.4	1.0	0.1	0.0 -	0.0 -	0.0 -	0.0 -	21	
	22	0.0 -	2.8	0.0 -	4.6	16.7	0.0 -	22.7 +	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	22	
	23	1.9	14.3	0.0 -	10.1	31.2	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	23	
	24	0.0 -	0.0 -	0.0 -	5.1	0.5	19.5	0.8	0.0 -	0.0 -	0.6	0.0 -	0.8	24	
	25	0.0 -	11.8	8.9	2.0	0.0 -	5.4	2.3	0.0 -	0.0 -	7.9	0.0 -	0.2	25	
	+ Maximum - Minimum	26	0.0 -	0.0 -	0.1	14.1	0.0 -	1.0	0.0 -	0.0 -	1.0	17.1 +	0.1	1.5 +	26
		27	0.0 -	0.0 -	2.5	0.0 -	0.8	0.0 -	1.4	0.0 -	0.3	0.0 -	0.5	0.0 -	27
		28	0.0 -	0.3	0.0 -	0.0 -	1.5	0.0 -	0.0 -	0.5	0.0 -	0.0 -	0.0 -	0.0 -	28
		29	0.3	16.7	0.0 -	0.0 -	6.3	6.2	0.0 -	14.1	0.0 -	0.0 -	0.0 -	0.0 -	29
		30	12.8	0.0 -	11.5	2.7	7.1	0.1	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	30
		31	31.9 +	0.0 -	0.0 -	0.0 -	3.4	0.0 -	19.1	1.4	0.0 -	0.0 -	0.0 -	0.0 -	31
Monatssumme	112.4	137.0	69.1	147.8	195.6	203.0+	121.8	108.0	101.1	62.7	80.6	2.6 -			
Maximum	31.9	22.8	25.1	25.4	34.6	64.0 +	22.7	25.8	27.2	17.1	18.8	1.5 -	mm		
Datum (Tag)	31.	20.	5.	18.	12.	16.	22.	4.	4.	26.	10.	26.			
Niederschlagstage	19	14	8	15	16	22	13	10	9	9	8	1	d		
Niederschlagstage grösser / gleich als:	183 ≥0.1		171 ≥0.3		83 ≥5.0		51 ≥10.0		15 ≥20.0		1 ≥50.0		0 ≥100.0		mm
Jahreswerte:	Gesamtniederschlag (1a): 1341.7 mm						Niederschlagstage (≥1.0 mm): 144								



2005-2016	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Jahressumme	1407.6	1247.2-	1415.4	1582.4	1293.3	1515.6	1303.1	1524.8	1504.8	1640.4+	1333.9	1341.7	
Jahresmaximum	140.3 +	42.5 -	54.0	58.7	64.5	67.4	54.8	56.2	75.2	87.2	59.4	64.0	mm
Datum (Tag.Monat)	22.8.	16.9.	8.8.	15.8.	17.7.	5.8.	22.12.	3.6.	19.4.	5.11.	20.11.	16.6.	
Durchschnittliche Jahressumme 2005-2016 (nur vollständige Jahre):	1426 mm			Normwert 1981-2010: 1455 mm				Normwert 1961-1990: 1400 mm					



Niederschlag: Tagessummen

Flussgebiet: Reuss

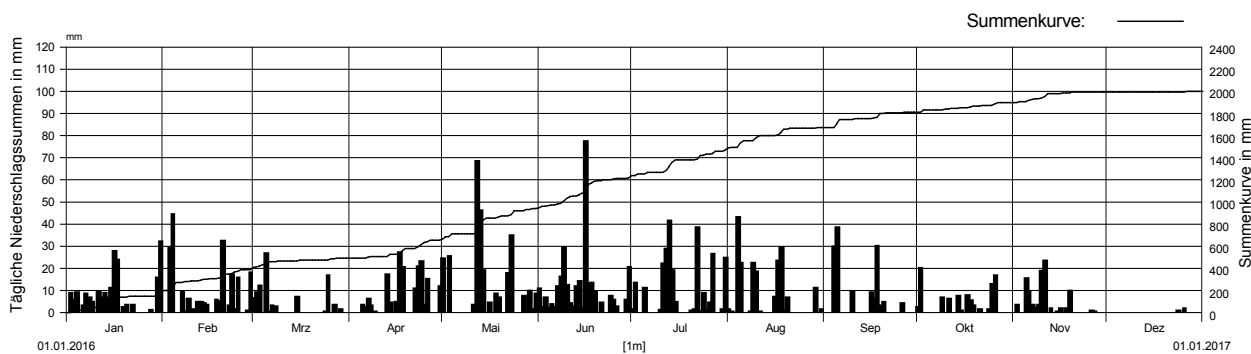
Messstelle: Unterschächen

Messstellen-Nr.: 4133

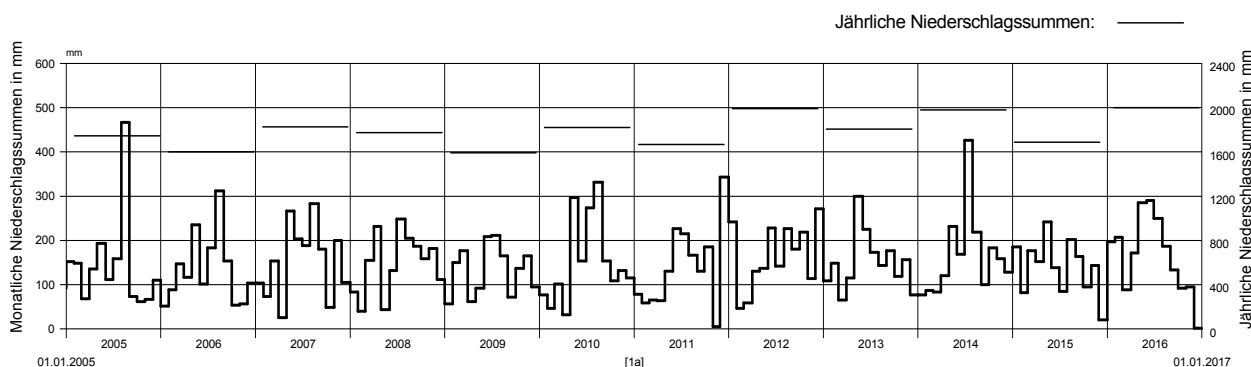
Koordinaten: 700 190 / 192 000

Stationshöhe: 1470 m ü.M.

2016		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tages- summen Niederschlag in mm	1	0.0 -	0.0 -	6.3	0.0 -	24.2	10.8	1.4	1.4	0.0 -	2.4	0.0 -	0.0 -	1		
	2	8.6	0.0 -	8.9	0.0 -	0.0 -	2.2	13.2	0.2	0.0 -	19.9 +	3.2	0.0 -	2		
	3	5.6	29.2	11.9	0.0 -	25.5	6.7	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	3		
	4	9.0	44.4 +	0.0 -	0.0 -	0.0 -	2.1	0.0 -	42.9 +	29.6	0.0 -	0.0 -	0.0 -	4		
	5	0.0 -	0.0 -	26.7 +	3.2	0.0 -	3.8	11.1	22.4	38.4 +	0.0 -	15.2	0.0 -	5		
	6	2.9	0.0 -	0.3	2.2	0.0 -	2.2	0.0 -	0.0 -	0.0 -	0.0 -	9.3	0.0 -	6		
	7	8.3	9.3	3.1	5.9	0.0 -	11.6	0.0 -	0.0 -	0.0 -	0.0 -	3.5	0.0 -	7		
	8	6.8	0.2	2.8	3.0	0.0 -	16.0	0.0 -	0.3	0.0 -	0.0 -	2.1	0.0 -	8		
	9	4.8	6.1	0.0 -	0.2	0.0 -	29.4	0.0 -	22.2	0.0 -	6.8	3.4	0.0 -	9		
	10	0.1	1.2	0.0 -	0.0 -	0.0 -	12.3	1.1	18.3	9.4	0.1	18.7	0.0 -	10		
	11	9.5	1.1	0.0 -	0.0 -	3.4	4.0	21.9	0.2	0.0 -	6.0	23.5 +	0.0 -	11		
	12	6.5	4.5	0.0 -	0.0 -	68.4 +	2.6	28.7	0.1	0.0 -	0.0 -	0.0 -	0.0 -	12		
	13	8.6	4.8	0.0 -	16.9	46.1	11.6	41.2 +	0.0 -	0.0 -	0.0 -	1.8	0.0 -	13		
	14	6.6	4.1	0.0 -	4.2	18.9	13.9	19.1	0.0 -	0.0 -	7.4	0.0 -	0.0 -	14		
	15	10.9	3.2	7.1	0.0 -	0.0 -	1.9	4.7	0.0 -	0.0 -	0.6	0.3	0.0 -	15		
	16	27.6	0.0 -	0.0 -	4.8	4.2	77.5 +	0.0 -	7.0	9.0	0.0 -	1.7	0.0 -	16		
	17	23.6	0.0 -	0.0 -	27.1 +	0.0 -	12.9	0.0 -	23.2	5.9	7.6	0.0 -	0.0 -	17		
	18	0.0 -	5.8	0.0 -	20.2	8.3	13.4	0.0 -	29.2	29.9	5.5	1.6	0.0 -	18		
	19	2.4	4.9	0.0 -	0.0 -	6.5	9.3	0.0 -	0.6	2.9	2.9	9.7	0.0 -	19		
	20	3.3	32.4	0.0 -	0.0 -	0.0 -	0.0 -	0.8	6.5	4.8	0.0 -	0.0 -	0.0 -	20		
	21	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	4.3	1.3	0.0 -	0.0 -	1.2	0.0 -	0.0 -	21		
	22	3.5	3.1	0.0 -	10.5	17.8	0.0 -	38.3	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	22		
	23	0.0 -	16.9	0.0 -	20.6	34.5	0.0 -	0.2	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	23		
	24	0.0 -	1.3	0.2	23.1	0.0 -	7.3	8.8	0.0 -	0.0 -	1.2	0.0 -	0.5	24		
	25	0.0 -	15.6	16.6	3.5	0.0 -	5.6	0.9	0.0 -	0.0 -	12.5	0.0 -	0.0 -	25		
	26	0.0 -	0.0 -	0.0 -	15.1	0.0 -	2.8	4.3	0.0 -	4.1	16.8	0.5	1.6 +	26		
	27	0.0 -	0.0 -	3.3	0.0 -	7.4	0.0 -	26.3	0.0 -	0.0 -	0.0 -	0.3	0.0 -	27		
	28	1.1	0.6	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	28		
	29	0.0 -	18.1	1.3	0.0 -	9.7	5.8	0.0 -	11.1	0.0 -	0.0 -	0.0 -	0.0 -	29		
	30	15.7		0.0 -	11.8	1.4	20.4	1.5	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	30		
	31	32.1 +		0.0 -		8.2		24.5	1.4		0.0 -		0.0 -	31		
Monatssumme		197.5	206.8	88.5	172.3	284.5	290.4 +	249.3	187.0	134.0	90.9	94.8	2.1 -			
Maximum		32.1	44.4	26.7	27.1	68.4	77.5 +	41.2	42.9	38.4	19.9	23.5	1.6 -	mm		
Datum (Tag)		31.	4.	5.	17.	12.	16.	13.	4.	5.	2.	11.	26.			
Niederschlagstage		20	18	10	15	15	25	16	11	9	12	12	1	d		
Niederschlagstage grösser / gleich als:		184 ≥ 0.1		175 ≥ 0.3		104 ≥ 5.0		65 ≥ 10.0		34 ≥ 20.0		2 ≥ 50.0		0 ≥ 100.0		mm
Jahreswerte:		Gesamtniederschlag (1a): 1998.1 mm												Niederschlagstage (≥ 1.0 mm): 164		



2005-2016	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Jahressumme	1744.0	1602.5	1829.9	1776.1	1590.4 -	1819.0	1667.2	1994.2	1806.3	1982.0	1683.9	1998.1 +	mm
Jahresmaximum	183.8 +	66.3	65.9	68.4	78.3	62.9	62.5	73.6	82.1	60.6	52.4 -	77.5	
Datum (Tag.Monat)	22.8.	16.9.	8.8.	21.11.	17.7.	5.8.	29.6.	9.10.	31.5.	5.11.	20.11.	16.6.	
Durchschnittliche Jahressumme 2005-2016 (nur vollständige Jahre): 1791 mm			Normwert 1981-2010: 1817 mm					Normwert 1961-1990: 1773 mm					



Niederschlag: Tagessummen

Flussgebiet: Reuss

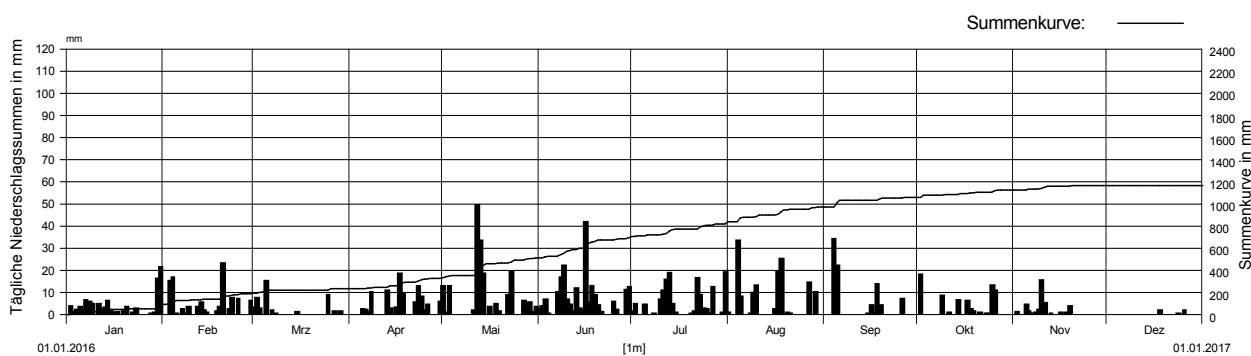
Messstelle: Altdorf

Messstellen-Nr.: 4140

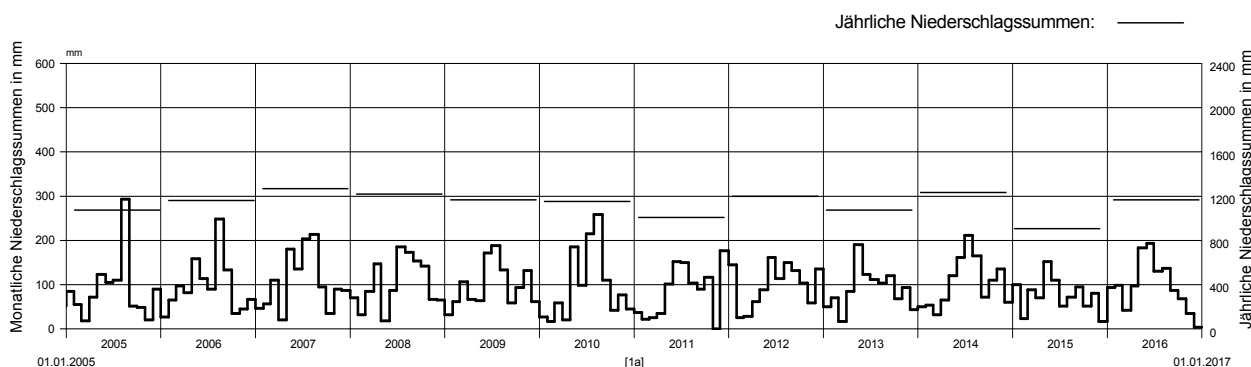
Koordinaten: 690 960 / 191 700

Stationshöhe: 451 m ü.M.

2016		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tages- summen Niederschlag in mm + Maximum - Minimum	1	0.0 -	0.0 -	3.0	0.0 -	12.6	2.2	1.2	0.7	0.0 -	0.0 -	0.0 -	0.0 -	1		
	2	3.6	0.0 -	7.3	0.0 -	0.7	3.7	4.7	0.0 -	0.0 -	18.0 +	1.1	0.0 -	2		
	3	1.1	15.1	2.6	0.0 -	12.5	6.6	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	3		
	4	2.0	16.6	0.0 -	0.0 -	0.0 -	0.4	0.0 -	33.3 +	34.0 +	0.0 -	0.0 -	0.0 -	4		
	5	3.3	0.2	15.1 +	2.4	0.0 -	0.1	4.2	7.9	22.0	0.0 -	4.2	0.0 -	5		
	6	1.4	0.0 -	0.0 -	2.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	1.5	0.0 -	6		
	7	6.3	2.2	1.8	1.0	0.0 -	10.0	0.0 -	0.0 -	0.0 -	0.0 -	0.2	0.0 -	7		
	8	5.6	0.2	0.2	9.9	0.0 -	16.7	0.2	0.2	0.0 -	0.0 -	0.7	0.0 -	8		
	9	4.6	3.4	0.0 -	0.0 -	0.0 -	21.9	0.0 -	9.7	0.0 -	8.2	1.9	0.0 -	9		
	10	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	6.8	6.8	13.0	0.0 -	0.0 -	15.5 +	0.0 -	10		
	11	4.8	0.0 -	0.0 -	0.0 -	1.6	4.3	10.6	0.0 -	0.0 -	0.6	5.0	0.0 -	11		
	12	2.3	3.3	0.0 -	0.0 -	49.3 +	1.4	15.7	0.0 -	0.0 -	0.0 -	0.1	0.0 -	12		
	13	3.0	5.5	0.0 -	10.5	33.5	11.6	18.5	0.0 -	0.0 -	0.0 -	0.3	0.0 -	13		
	14	6.0	1.6	0.0 -	2.8	18.2	2.6	4.7	0.0 -	0.0 -	6.4	0.0 -	0.0 -	14		
	15	1.3	0.7	0.9	0.0 -	0.0 -	1.7	0.5	0.0 -	0.3	0.0 -	0.0 -	0.0 -	15		
	16	0.7	0.0 -	0.0 -	2.9	3.2	41.6 +	0.0 -	2.4	3.9	0.0 -	0.7	0.0 -	16		
	17	0.9	0.0 -	0.0 -	18.3 +	0.0 -	5.2	0.0 -	19.5	0.7	5.9	0.0 -	0.0 -	17		
	18	0.0 -	1.3	0.0 -	9.4	4.6	12.6	0.0 -	25.1	13.6	2.4	0.6	1.6	18		
	19	1.2	3.4	0.0 -	0.0 -	1.2	8.5	0.0 -	0.0 -	4.1	1.3	3.8	0.0 -	19		
	20	3.4	23.0 +	0.0 -	0.0 -	0.0 -	3.9	0.4	0.6	0.1	0.1	0.0 -	0.0 -	20		
	21	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.9	1.2	0.2	0.0 -	0.6	0.0 -	0.0 -	21		
	22	0.5	2.2	0.0 -	5.3	8.6	0.0 -	16.4	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	22		
	23	2.5	7.3	0.0 -	12.6	19.4	0.0 -	8.5	0.0 -	0.0 -	0.2	0.0 -	0.0 -	23		
	24	0.0 -	0.0 -	0.0 -	7.9	0.0 -	0.0 -	2.6	0.0 -	0.0 -	0.4	0.0 -	0.2	24		
	25	0.0 -	6.9	8.5	1.7	0.0 -	5.7	2.2	0.0 -	0.0 -	12.9	0.0 -	0.0 -	25		
	26	0.0 -	0.0 -	0.0 -	4.3	0.0 -	1.9	0.3	0.0 -	7.1	10.8	0.0 -	1.8 +	26		
	27	0.0 -	0.0 -	1.5	0.0 -	5.9	0.1	12.2	14.4	0.1	0.0 -	0.0 -	0.0 -	27		
	28	0.2	0.0 -	0.0 -	0.0 -	2.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	28		
	29	0.5	5.9	1.5	0.0 -	5.4	10.9	0.0 -	10.0	0.0 -	0.0 -	0.0 -	0.0 -	29		
	30	16.0	0.0 -	0.0 -	5.7	1.1	12.2	0.7	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	30		
	31	21.4 +	0.0 -	0.0 -	0.0 -	0.0 -	3.5	0.0 -	19.1 +	0.1	0.0 -	0.0 -	0.0 -	31		
Monatssumme		92.6	98.8	42.4	96.7	183.3	193.5+	130.7	137.1	85.9	67.8	35.6	3.6 -			
Maximum		21.4	23.0	15.1	18.3	49.3 +	41.6	19.1	33.3	34.0	18.0	15.5	1.8 -	mm		
Datum (Tag)		31.	20.	5.	17.	12.	16.	31.	4.	4.	2.	10.	26.			
Niederschlagstage		18	14	8	15	16	21	15	9	6	8	7	2	d		
Niederschlagstage grösser / gleich als:		180 ≥0.1		163 ≥0.3		73 ≥5.0		42 ≥10.0		10 ≥20.0		0 ≥50.0		0 ≥100.0		mm
Jahreswerte:		Gesamtniederschlag (1a): 1168.0 mm						Niederschlagstage (≥1.0 mm): 139								



2005-2016	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Jahressumme	1072.1	1158.2	1269.1+	1220.5	1167.5	1152.7	1009.2	1199.9	1075.3	1234.1	908.5 -	1168.0	
Jahresmaximum	70.1	53.2	55.8	62.7	70.9 +	57.9	46.3	36.4 -	56.8	63.6	48.5	49.3	mm
Datum (Tag.Monat)	22.8.	16.9.	8.8.	29.10.	17.7.	5.8.	29.6.	20.1.	31.5.	5.11.	20.11.	12.5.	
Durchschnittliche Jahressumme 2005-2016 (nur vollständige Jahre): 1136 mm				Normwert 1981-2010: 1186 mm				Normwert 1961-1990: 1099 mm					



Niederschlag: Tagessummen

Flussgebiet: Reuss

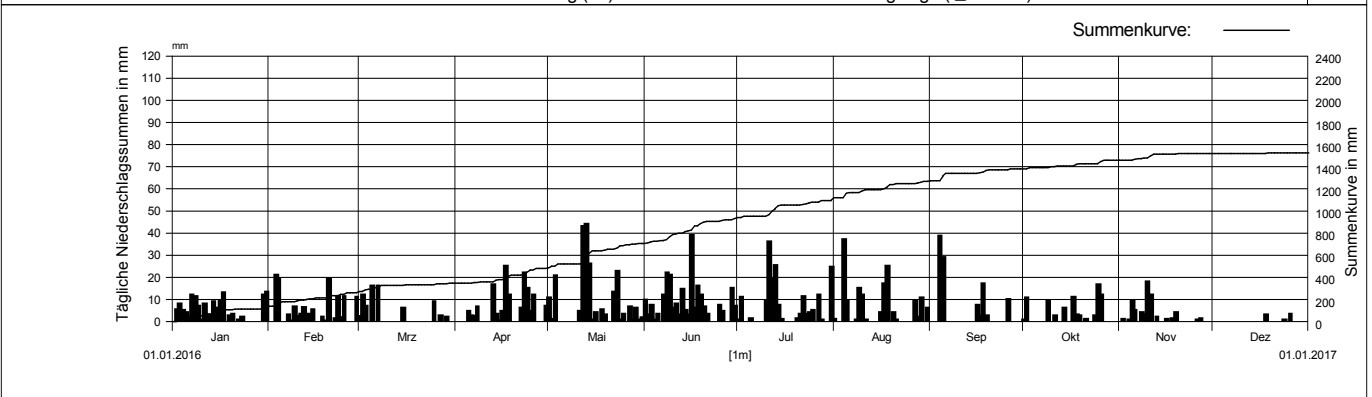
Messstelle: Isenthal

Messstellen-Nr.: 4170

Koordinaten: 685 460 / 196 110

Stationshöhe: 778 m ü.M.

2016		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tages- summen Niederschlag in mm	1	0.0 -	0.0 -	2.3	0.0 -	10.5	9.6	0.5	1.0	0.0 -	0.5	0.0 -	0.0 -	1
	2	5.5	0.0 -	12.0	0.0 -	1.0	2.9	11.0	0.0 -	0.0 -	10.5	1.0	0.0 -	2
	3	8.0	21.0 +	7.0	0.0 -	20.5	7.5	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	3
	4	5.0	19.4	0.0 -	0.0 -	0.0 -	0.5	0.0 -	37.0 +	38.5 +	0.0 -	0.5	0.0 -	4
	5	4.1	0.0 -	16.0 +	4.5	0.0 -	3.5	1.5	9.5	29.0	0.0 -	9.5	0.0 -	5
	6	2.0	0.0 -	0.0 -	2.5	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	5.0	0.0 -	6
	7	12.0	3.0	16.0 +	2.2	0.0 -	12.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	7
	8	11.5	0.2	0.0 -	6.8	0.0 -	22.0	0.0 -	0.5	0.0 -	0.0 -	4.0	0.0 -	8
	9	7.0	6.5	0.0 -	0.0 -	0.0 -	21.0	0.0 -	15.0	0.0 -	9.5	3.0	0.0 -	9
	10	0.5	2.2	0.0 -	0.0 -	0.0 -	6.0	9.5	12.0	0.0 -	0.0 -	18.0 +	0.0 -	10
	11	8.0	3.4	0.0 -	0.0 -	4.5	8.0	36.0 +	0.5	0.0 -	2.5	12.0	0.0 -	11
	12	3.0	6.3	0.0 -	0.0 -	43.1	2.9	19.5	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	12
	13	0.0 -	3.3	0.0 -	16.6	43.9 +	14.5	25.5	0.0 -	0.0 -	0.0 -	2.0	0.0 -	13
	14	9.0	3.0	0.0 -	3.3	26.0	5.0	7.5	0.0 -	0.0 -	6.0	0.0 -	0.0 -	14
	15	6.0	5.4	6.0	0.2	0.5	3.0	1.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	15
	16	9.5	0.1	0.0 -	4.5	4.0	39.0 +	0.0 -	4.0	7.5	0.0 -	1.0	0.0 -	16
	17	13.0	0.0 -	0.0 -	25.0 +	0.0 -	6.1	0.0 -	17.0	2.5	11.0	0.0 -	0.0 -	17
	18	0.0 -	2.0	0.0 -	12.0	5.5	16.0	0.0 -	25.0	17.0	3.0	1.5	3.0	18
	19	2.5	0.3	0.0 -	0.0 -	3.0	12.0	0.0 -	0.0 -	2.5	2.5	4.0	0.0 -	19
	20	3.5	19.5	0.0 -	0.0 -	0.0 -	6.5	1.5	4.0	0.0 -	0.0 -	0.0 -	0.0 -	20
	21	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	3.5	3.5	0.5	0.0 -	1.0	0.0 -	0.0 -	21
	22	0.5	1.5	0.0 -	6.0	13.5	0.0 -	11.5	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	22
	23	2.0	11.5	0.0 -	22.0	22.5	0.0 -	3.5	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	23
	24	0.0 -	1.8	0.0 -	15.0	0.5	0.0 -	4.0	0.0 -	0.0 -	2.5	0.0 -	0.5	24
	25	0.0 -	11.5	9.0	4.5	3.5	7.5	5.0	0.0 -	0.0 -	16.5 +	0.0 -	0.0 -	25
	26	0.0 -	0.0 -	0.0 -	12.0	0.0 -	4.5	0.0 -	0.0 -	10.0	12.0	0.5	3.5 +	26
	+ Maximum	0.0 -	0.0 -	2.5	0.1	6.5	0.0 -	12.0	9.5	0.0 -	0.0 -	1.5	0.0 -	27
	- Minimum	0.0 -	0.0 -	0.0 -	0.0 -	0.5	0.0 -	0.5	1.9	0.0 -	0.0 -	0.0 -	0.0 -	28
	29	0.0 -	11.0	2.0	0.0 -	6.1	15.0	0.0 -	10.5	0.0 -	0.0 -	0.0 -	0.0 -	29
	30	12.0		0.0 -	7.0	0.6	7.0	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -	30
	31	13.5 +		0.0 -		1.8			24.5	6.1				31
Monatssumme	138.1	132.9	72.8	144.2	218.0	235.5+	178.0	154.0	107.0	77.5	63.5	7.0 -		
Maximum	13.5	21.0	16.0	25.0	43.9 +	39.0	36.0	37.0	38.5	16.5	18.0	3.5 -	mm	
Datum (Tag)	31.	3.	5.	17.	13.	16.	11.	4.	4.	25.	10.	26.		
Niederschlagstage	19	17	9	15	16	23	16	13	7	11	12	2	d	
Niederschlagstage grösser / gleich als:			181 ≥ 0.1	177 ≥ 0.3	98 ≥ 5.0	58 ≥ 10.0	18 ≥ 20.0	0 ≥ 50.0	0 ≥ 100.0					mm
Jahreswerte:	Gesamtniederschlag (1a): 1528.5 mm						Niederschlagstage (≥ 1.0 mm): 160							



2005-2016	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Jahressumme	1500.5	1530.7	1847.7+	1596.2	1572.4	1836.6	1459.3	1700.2	1520.2	1653.8	1410.1-	1528.5	
Jahresmaximum	131.0 +	54.0	76.5	97.5	55.0	89.0	78.0	41.0 -	63.0	76.0	61.8	43.9	mm
Datum (Tag,Monat)	22.8.	17.9.	7.8.	15.8.	17.7.	5.8.	29.6.	9.10.	1.6.	31.8.	20.11.	13.5.	
Durchschnittliche Jahressumme 2005-2016 (nur vollständige Jahre): 1596 mm	Normwert 1981-2010: 1646 mm						Normwert 1961-1990: 1562 mm						

