

GRUNDWASSER - STÄNDE - TEMPERATUR

JAHRBUCH 2014

JAHRESGANGLINIEN ÜBER MEHRERE JAHRE



Grundwassermessung Oberwil-Cham

Zug, 26. Oktober 2015

Herausgeber: Amt für Umweltschutz des Kantons Zug

Thomas Binzegger, Projektleiter Wasser

1. Einleitung

Im Kanton Zug werden an 37 Standorten kontinuierlich die Grundwasserstände aufgezeichnet. Im Baarerbecken wurden zwei Messstellen mit speziell kalibrierten Sonden zur Aufzeichnung der Grundwassertemperatur erstellt. Das Messstellennetz Grundwasser soll eine Übersicht über die aktuellen Grundwasserstände sowie die kurz- und langfristigen Schwankungen ermöglichen. An ausgewählten Standorten wird die Temperatur des Grundwassers aufgezeichnet, um allfällige Einflüsse aus der Grundwasserwärmenutzung zu erkennen.

Das Datenblatt der Grundwasserstände enthält die Tagesmittelwerte in Metern über Meer. Es folgen für jeden Monat und das gesamte Jahr die Mittelwerte, das Maximum (Spitze) und Minimum mit dem zugehörigen Datum sowie die Amplituden. Die Amplituden entsprechen der Differenz zwischen dem höchsten und niedrigsten gemessenen Wert im entsprechenden Zeitraum. Anschliessend sind die Jahresganglinie, die Dauerlinie sowie der Jahresmittelwert als Pfeil am Rande der Graphik dargestellt. Analog sind im entsprechenden Datenblatt die Grundwassertemperatur die Werte in Grad Celsius angegeben.

In der Periodentabelle sind für jeden Monat und das gesamte Jahr die Mittelwerte, die Maxima (Spitzen) und Minima sowie die grössten Amplituden angegeben. Die Periodengraphik enthält zusammen mit den Jahresextremwerten die Ganglinie der Monats- und Jahresmittel. Als Pfeil am Rand sind die langjährigen Periodenmittel der vergangenen Jahre dargestellt. Ein Grundwasservorkommen wird sowohl durch die flächenhafte Versickerung der Niederschläge und der Infiltration aus Oberflächengewässern gespeisen. Der Grundwasserspiegel spricht zeitlich verzögert auf diese Einflüsse an. Die Beobachtung der Grundwasserstände zusammen mit Niederschlags- und Abflussmengen erlaubt es, wichtige Hinweise über die Merkmale der einzelnen Grundwasservorkommen zu gewinnen.

Die Grundwasservorkommen entlang der Reuss werden vom Wasserstand und der Wasserführung des Flusses beeinflusst. Die Flussinfiltration ist bei einigen Messstellen deutlich erkennbar.

Datenquelle: Amt für Umweltschutz des Kantons Zug

2. Inhaltverzeichnis Grundwassermessstellen 2014

Seite	Nummer	Name Messstation
1	0021	Zug - Grienbachstrasse
2	0034	Baar - Baarer Fussweg
3	0128	Zug - Göblistrasse
4	0170	Baar - Bachtalen
5	0203	Baar - Zimbel
6	0206	Baar - Weidhof / Weststrasse
7	0212	Baar - Grund
8	0288	Baar - Feldmatt KB1-2012 Pegel / Temperatur 288 a
9	0289	Baar - Sennweid KB2-2012 Pegel / Temperatur 289 a
10	1164	Zug - Industriestrasse / Göblistrasse
11	1171	Baar - Wiesental
12	1240	Zug - Neuhof
13	1301	Baar - Schönbühlwald
14	1303	Baar - Schönbühlwald
15	2010	Menzingen - Winzwilen - Süd
16	2031	Menzingen - KIBAG 4 - Bergli
17	2036	Neuheim - Neutal
18	2058	Menzingen - Hintercher - Sihlwald
19	2063	Menzingen - Brätigen - West
20	2085	Menzingen - KIBAG Bethlehem
21	2086	Neuheim - Neuhaus / Chrützhügel (Risi Nr. 21)
22	2089	Neuheim - Hof (SPB 1/99, Sand AG)
23	2091	Neuheim - Hoflinde (SPB 2/00, Sand AG)
24	2178	Menzingen - Schurtannen
25	2207	Menzingen - Winzwilen
26	2338	Menzingen - KIBAG 6 / Wösch
27	3161	Hünenberg - Drälikon
28	3215	Hünenberg - Reusspitz
29	3229	Hünenberg - Vordere Stadelmatt
30	4162	Oberägeri - Morgarten / Balmi
31	4169	Oberägeri - Morgarten / Teufi - Seeblick
32	4222	Unterägeri - Buechholz
33	5013	Zug - Oberwil - Trubikon
34	6205	Cham - Oberwilerwald
35	6217	Cham - Ebnetwald
36	6223	Cham - Hatwil 2/09
37	6224	Cham - Hubletzen 4/09

Grundwasserpegelmessnetz des Kantons Zug

Stand 2014

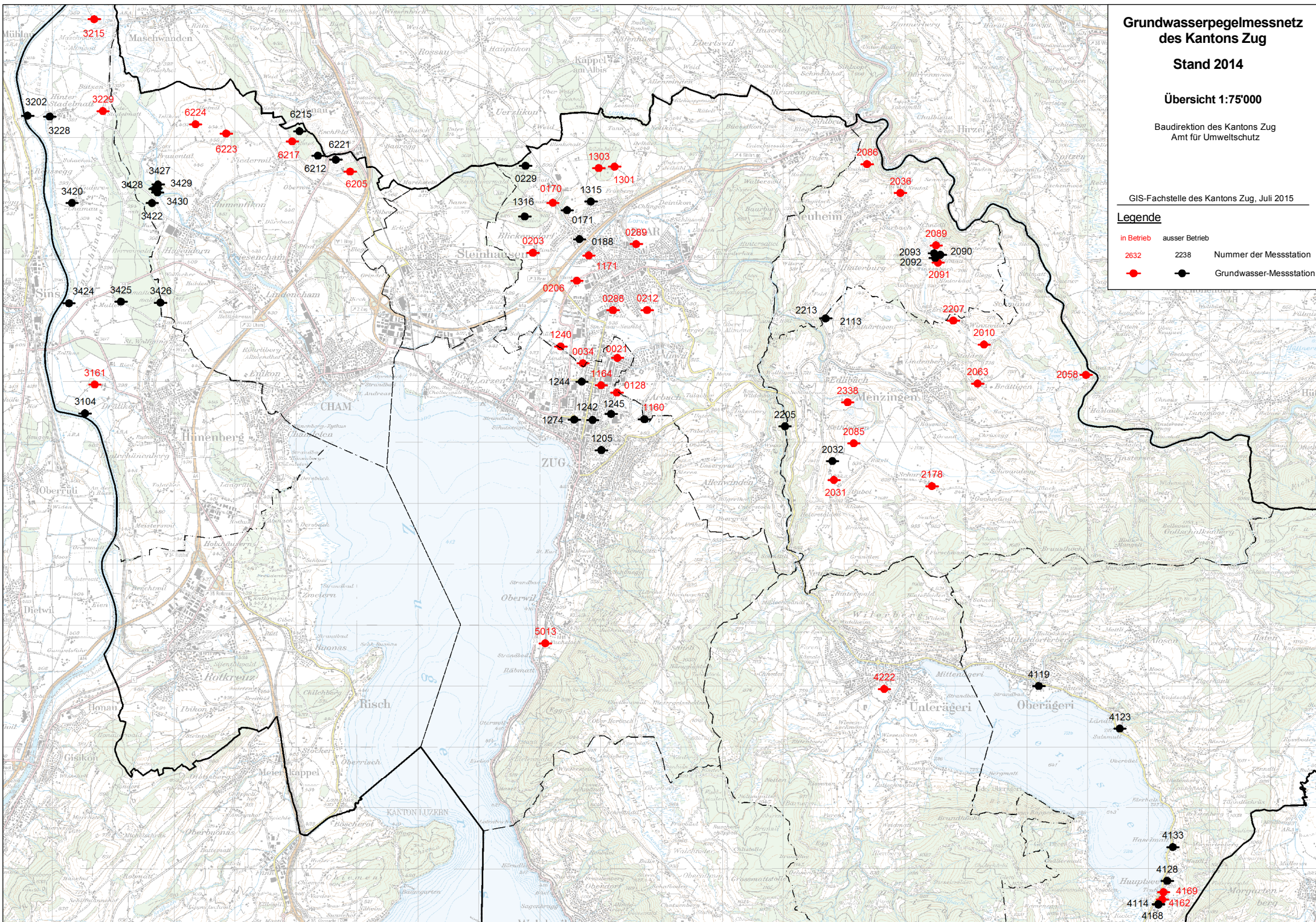
Übersicht 1:75'000

Baudirektion des Kantons Zug
Amt für Umweltschutz

GIS-Fachstelle des Kantons Zug, Juli 2015

Legende

● in Betrieb	● ausser Betrieb
2632	2238
●	●
	Nummer der Messstation
	Grundwasser-Messstation



Grundwasserstände



Orpheus Mini

Nr. 0021 Zug - Grienbachstrasse

Koordinaten: 682'270 / 226'385

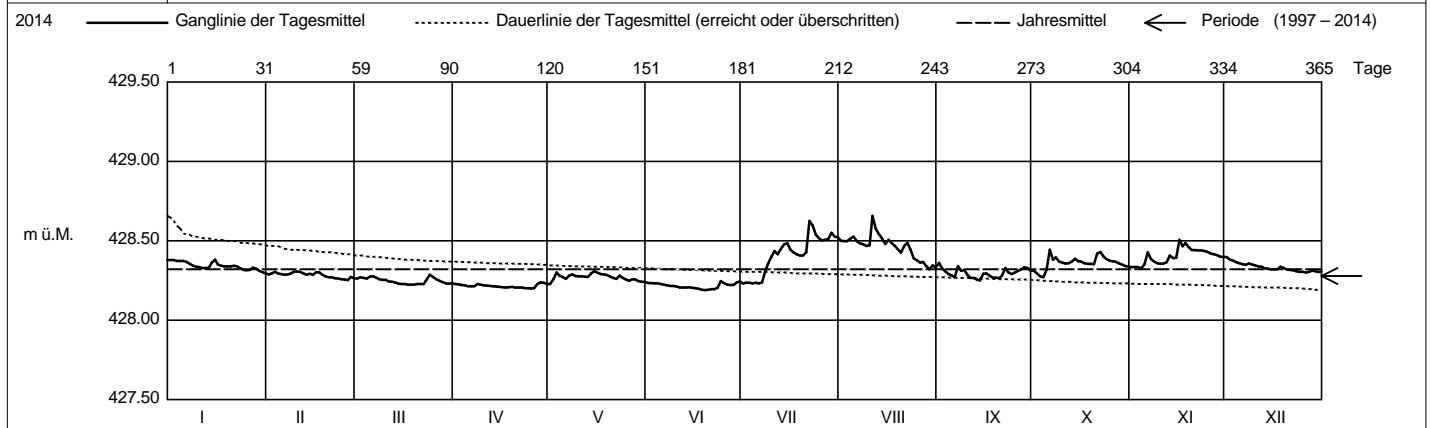
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KANTON ZUG

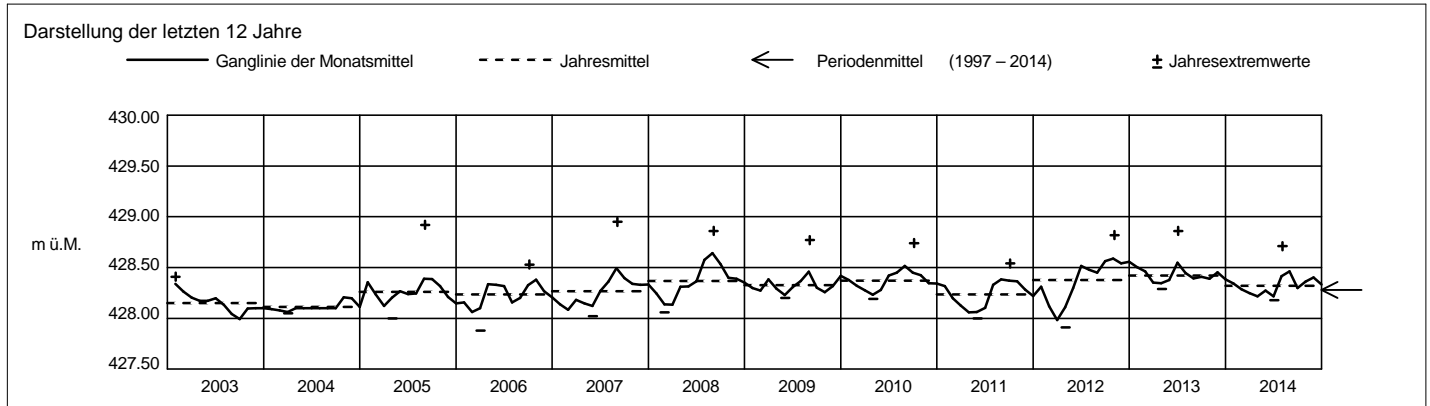
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	428.38+	428.29	428.26	428.23	428.23-	428.24	428.23-	428.50	428.36+	428.31	428.33-	428.40+	1
	2	428.38+	428.29	428.27	428.23	428.26	428.24	428.24	428.50	428.33	428.30	428.34	428.38	2
	3	428.37	428.31+	428.27	428.22	428.30	428.23	428.24	428.50	428.33	428.30	428.33-	428.38	3
	4	428.37	428.30	428.26	428.22	428.28	428.23	428.23-	428.51	428.29	428.27-	428.33-	428.37	4
	5	428.37	428.29	428.27	428.21	428.27	428.23	428.24	428.53	428.28	428.32	428.35	428.36	5
	6	428.37	428.29	428.28	428.21	428.26	428.22	428.23-	428.50	428.27	428.44+	428.43	428.35	6
	7	428.36	428.29	428.27	428.22	428.28	428.22	428.24	428.48	428.34	428.38	428.39	428.35	7
	8	428.35	428.30	428.26	428.23	428.29	428.22	428.31	428.48	428.31	428.40	428.37	428.36	8
	9	428.34	428.31+	428.25	428.22	428.28	428.22	428.36	428.47	428.32	428.37	428.36	428.35	9
	10	428.34	428.31+	428.25	428.22	428.28	428.21	428.40	428.47	428.29	428.36	428.36	428.35	10
m ü.M.	11	428.33	428.31+	428.25	428.22	428.28	428.21	428.44	428.66+	428.27	428.36	428.36	428.34	11
	12	428.33	428.30	428.24	428.22	428.27	428.21	428.42	428.58	428.27	428.36	428.37	428.34	12
	13	428.33	428.29	428.24	428.22	428.27	428.21	428.45	428.54	428.26	428.37	428.41	428.33	13
	14	428.36	428.29	428.23	428.21	428.30	428.21	428.48	428.52	428.25-	428.39	428.39	428.32	14
	15	428.38+	428.29	428.23	428.21	428.31+	428.20	428.48	428.48	428.29	428.37	428.39	428.32	15
	16	428.35	428.30	428.23	428.21	428.30	428.20	428.45	428.51	428.29	428.37	428.51+	428.32	16
	17	428.34	428.30	428.22-	428.21	428.29	428.20	428.43	428.49	428.28	428.36	428.47	428.32	17
	18	428.34	428.29	428.22-	428.21	428.29	428.19-	428.42	428.47	428.27	428.36	428.49	428.34	18
	19	428.34	428.28	428.23	428.21	428.29	428.19-	428.41	428.45	428.27	428.36	428.46	428.33	19
	20	428.34	428.27	428.23	428.21	428.28	428.19-	428.41	428.43	428.26	428.35	428.44	428.32	20
	+ Maximum	21	428.34	428.27	428.23	428.21	428.27	428.20	428.43	428.47	428.28	428.42	428.44	428.32
22		428.34	428.27	428.23	428.21	428.26	428.20	428.63+	428.49	428.33	428.43	428.44	428.31	22
23		428.33	428.26	428.26	428.20-	428.28	428.20	428.60	428.45	428.30	428.40	428.44	428.31	23
24		428.32	428.26	428.29+	428.20-	428.27	428.25+	428.54	428.39	428.29	428.39	428.44	428.31	24
25		428.31	428.26	428.27	428.20-	428.26	428.23	428.52	428.38	428.30	428.38	428.43	428.30-	25
26		428.32	428.25-	428.26	428.20-	428.25	428.23	428.50	428.36	428.31	428.37	428.42	428.30-	26
27		428.33	428.27	428.25	428.23	428.26	428.22	428.51	428.37	428.32	428.37	428.42	428.31	27
28		428.33	428.26	428.24	428.24+	428.26	428.22	428.51	428.34	428.33	428.36	428.41	428.31	28
29		428.31		428.23	428.24+	428.25	428.24	428.55	428.32-	428.33	428.35	428.40	428.31	29
30		428.30		428.23	428.23	428.24	428.25+	428.53	428.35	428.31	428.34	428.40	428.31	30
31		428.29-		428.23	428.23	428.24	428.24	428.52	428.33	428.31	428.34	428.40	428.31	31
Monatsmittel	428.34	428.28	428.25	428.22-	428.27	428.22-	428.42	428.46+	428.30	428.36	428.40	428.33	m ü.M.	
Spitze Datum	428.41 14.	428.31 2.	428.29 5.	428.25- 28.	428.32 15.	428.26 29.	428.71+ 22.	428.70 11.	428.44 7.	428.55 5.	428.53 16.	428.40 1.	m ü.M.	
Amplitude	0.13	0.07	0.08	0.05-	0.10	0.08	0.49+	0.39	0.20	0.29	0.21	0.10	m	

Jahr Mittel: 428.32 Spitze: 428.71 (22.07.2014) Minimum: 428.18 (18.06.2014) Amplitude: 0.53



Periode 1997 - 2014 (18 Jahre)													
Monatsmittel	428.26	428.20-	428.20-	428.23	428.22	428.27	428.31	428.34	428.34	428.35+	428.32	428.28	m ü.M.
Monats-Spitze Jahr	428.60 2013	428.54- 2013	429.02+ 2001	428.72 2008	428.68 2013	428.86 2013	428.85 2008	428.95 2007	428.82 2001	428.82 2012	428.63 2012	428.68 2012	m ü.M.
Monats-Minimum Jahr	428.03 1999	428.02 2006	427.88 2006	427.91 2012	427.99 1998	427.97 1998	428.07 1998	426.07- 2003	427.94 2003	427.94 2003	428.10+ 2003	428.06 2004	m ü.M.
Monats-Amplitude Jahr	0.27 2005	0.45 1999	0.92 2001	0.58 2008	0.36 2013	0.44 2012	0.55 2008	2.07+ 2003	0.49 2001	0.32 2012	0.24- 1998	0.47 2001	m
Periode	Mittel: 428.28	Spitze: 429.02 (13.03.2001)					Minimum: 426.07 (08.08.2003)					Amplitude: 2.95	



Grundwasserstände



Orpheus Mini

Nr. 0034 Baar - Baarerfussweg

Koordinaten: 681'705 / 226'296

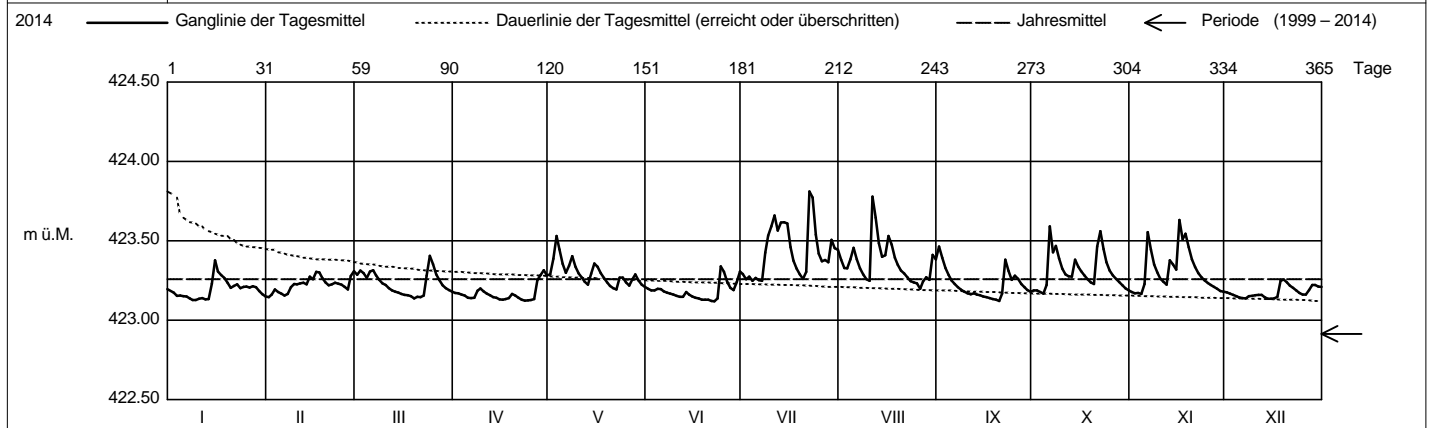
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KANTON ZUG

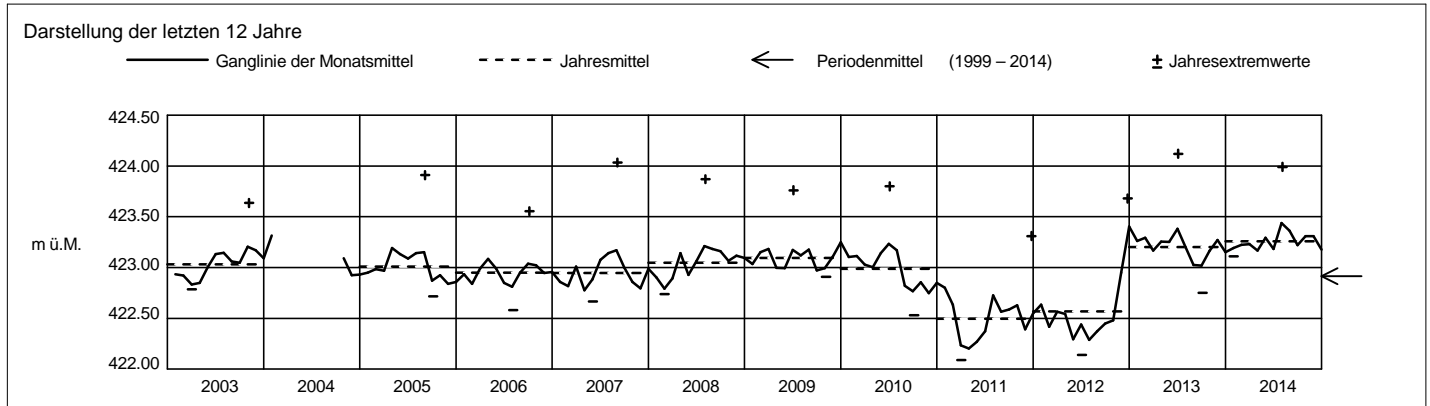
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	423.20	423.15-	423.29	423.17	423.29	423.20	423.29	423.38	423.46+	423.19	423.18	423.18	1
	2	423.17	423.16	423.31	423.17	423.39	423.19	423.26	423.33	423.39	423.19	423.17-	423.17	2
	3	423.15	423.19	423.30	423.16	423.53+	423.19	423.28	423.33	423.33	423.18	423.17-	423.16	3
	4	423.16	423.18	423.27	423.16	423.45	423.20	423.25-	423.38	423.28	423.17-	423.17-	423.15	4
	5	423.15	423.17	423.31	423.14	423.36	423.20	423.27	423.46	423.25	423.22	423.23	423.14-	5
	6	423.15	423.16	423.32	423.14	423.30	423.18	423.25-	423.38	423.23	423.59+	423.56	423.14-	6
	7	423.14	423.17	423.28	423.14	423.34	423.17	423.25-	423.33	423.21	423.43	423.45	423.14-	7
	8	423.13-	423.21	423.26	423.19	423.40	423.17	423.43	423.28	423.19	423.47	423.35	423.15-	8
	9	423.13-	423.23	423.23	423.20	423.34	423.16	423.53	423.26	423.18	423.39	423.30	423.15	9
	10	423.14	423.23	423.22	423.18	423.30	423.15	423.59	423.25	423.17	423.33	423.26	423.16	10
m ü.M.	11	423.14	423.23	423.20	423.17	423.27	423.15	423.66	423.78+	423.16	423.29	423.24	423.16	11
	12	423.13-	423.24	423.19	423.16	423.24	423.15	423.65	423.17	423.62	423.16	423.12	423.16	12
	13	423.13-	423.23	423.18	423.15	423.22	423.18	423.62	423.49	423.16	423.27	423.38	423.15	13
	14	423.23	423.28	423.17	423.14	423.29	423.16	423.62	423.40	423.16	423.38	423.35	423.14-	14
	15	423.38+	423.26	423.17	423.13	423.36	423.15	423.61	423.41	423.15	423.34	423.32	423.14-	15
	16	423.31	423.30	423.16	423.13	423.34	423.14	423.46	423.53	423.15	423.31	423.63+	423.14-	16
	17	423.29	423.30	423.16	423.13	423.30	423.14	423.38	423.48	423.14	423.28	423.51	423.15	17
	18	423.27	423.27	423.15	423.14	423.27	423.13	423.32	423.39	423.13	423.26	423.55	423.25	18
	19	423.24	423.24	423.14-	423.17	423.24	423.13	423.29	423.35	423.13	423.24	423.46	423.26+	19
	20	423.20	423.22	423.15	423.16	423.22	423.13	423.26	423.31	423.12-	423.23	423.38	423.24	20
+ Maximum	21	423.22	423.23	423.15	423.14	423.20	423.12-	423.30	423.17	423.47	423.33	423.22	423.22	21
	22	423.23	423.24	423.16	423.13	423.19-	423.12-	423.81+	423.27	423.38	423.56	423.30	423.20	22
	23	423.20	423.23	423.28	423.12-	423.27	423.14	423.77	423.25	423.31	423.45	423.27	423.19	23
	24	423.21	423.22	423.41+	423.13	423.27	423.34+	423.54	423.24	423.26	423.37	423.25	423.17	24
	25	423.21	423.21	423.35	423.13	423.24	423.31	423.42	423.23	423.28	423.31	423.23	423.16	25
	26	423.21	423.19	423.29	423.13	423.22	423.24	423.37	423.20-	423.26	423.28	423.22	423.16	26
	27	423.21	423.28	423.25	423.25	423.26	423.21	423.38	423.24	423.23	423.26	423.21	423.19	27
	28	423.21	423.31+	423.22	423.28	423.29	423.19	423.37	423.27	423.21	423.24	423.20	423.22	28
	29	423.18		423.20	423.32+	423.25	423.24	423.51	423.26	423.19	423.22	423.18	423.22	29
	30	423.16		423.19	423.28	423.23	423.31	423.46	423.41	423.18	423.20	423.18	423.21	30
31	423.15		423.18		423.21		423.44	423.38		423.19		423.21	31	
Monatsumme		423.19	423.22	423.23	423.17-	423.29	423.18	423.44+	423.36	423.22	423.31	423.31	423.18	m ü.M.
Spitze Datum		423.40 15.	423.32 16.	423.42 24.	423.33 29.	423.57 3.	423.39 24.	423.99+ 22.	423.89 11.	423.50 1.	423.66 6.	423.68 16.	423.27- 19.	m ü.M.
Amplitude		0.29	0.18	0.29	0.21	0.39	0.28	0.76+	0.72	0.38	0.50	0.53	0.14-	m

Jahr Mittel: 423.26 Spitze: 423.99 (22.07.2014) Minimum: 423.11 (10.01.2014) Amplitude: 0.88



Periode		1999 - 2014 (16 Jahre)												
Monatsumme		422.89	422.87-	422.89	422.93	422.94	422.97+	422.94	422.90	422.89	422.91	422.91	422.93	m ü.M.
Monats-Spitze Jahr		423.60 2004	423.84 1999	423.58- 2009	423.72 2008	423.96 1999	424.12+ 2013	423.99 2014	424.03 2007	423.82 2001	423.66 2014	423.68 2018	423.68 2012	m ü.M.
Monats-Minimum Jahr		422.07 2000	422.10 2000	422.09 2011	422.09 2011	422.16 2011	422.11 1999	421.75 1999	421.65- 1999	422.21+ 2000	422.20 2012	422.14 1999	422.06 2000	m ü.M.
Monats-Amplitude Jahr		0.54- 2001	0.73 1999	1.04 2001	0.82 2008	0.81 1999	1.40 1999	1.00 1999	1.68+ 1999	1.26 2010	0.96 2012	1.02 1999	1.03 2011	m
Periode		Mittel: 422.91		Spitze: 424.12 (01.06.2013)				Minimum: 421.65 (10.08.1999)				Amplitude: 2.47		



Grundwasserstände



Orpheus Mini

Nr. 0128 Zug - Göblistrasse

Koordinaten: 682'263 / 225'815

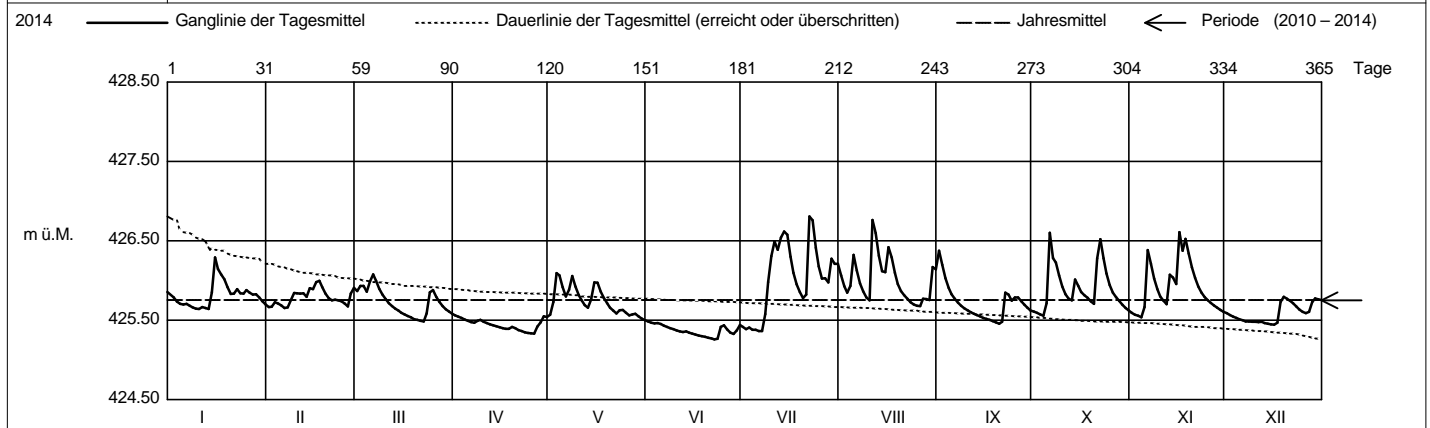
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KANTON ZUG

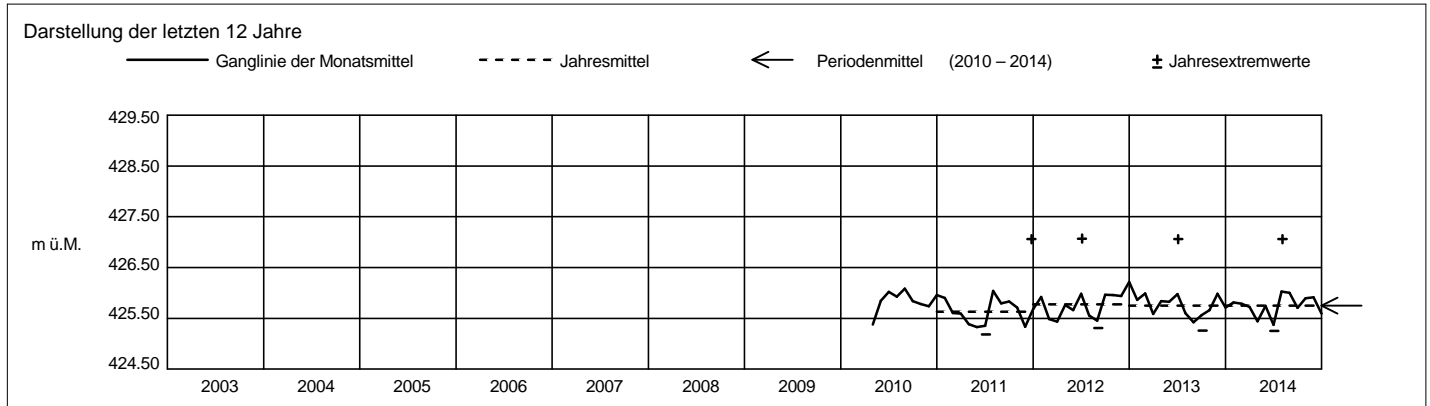
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	425.86	425.67	425.87	425.56+	425.57	425.48+	425.42	426.07	426.37+	425.61	425.59	425.59	1
	2	425.79	425.67	425.93	425.55	425.73	425.47	425.39	425.93	426.20	425.59	425.57	425.56	2
	3	425.73	425.73	425.93	425.53	426.09+	425.46	425.41	425.85	426.03	425.57	425.56	425.54	3
	4	425.71	425.71	425.86	425.51	426.06	425.46	425.38	425.93	425.91	425.56-	425.54-	425.53	4
	5	425.70	425.69	425.99	425.49	425.92	425.45	425.38	426.32	425.83	425.71	425.67	425.51	5
	6	425.71	425.65-	426.08+	425.48	425.80	425.43	425.36-	426.13	425.77	426.60+	426.38	425.50	6
	7	425.68	425.66	426.00	425.47	425.88	425.42	425.36-	425.97	425.72	426.28	426.21	425.49	7
	8	425.66	425.76	425.89	425.49	426.06	425.40	425.58	425.86	425.68	426.23	426.03	425.49	8
	9	425.65	425.84	425.82	425.51	425.93	425.39	425.98	425.79	425.65	426.07	425.89	425.48	9
	10	425.64-	425.84	425.77	425.48	425.82	425.37	425.31	425.75	425.63	425.92	425.80	425.48	10
m ü.M.	11	425.66	425.84	425.72	425.47	425.75	425.36	426.49	426.76+	425.60	425.83	425.75	425.48	11
	12	425.66	425.68	425.68	425.45	425.69	425.35	426.39	426.60	425.58	425.77	425.70	425.48	12
	13	425.64-	425.80	425.65	425.43	425.66	425.36	426.54	426.31	425.56	425.75	426.07	425.47	13
	14	425.85	425.90	425.62	425.43	425.76	425.35	426.62	426.12	425.55	426.01	426.04	425.46	14
	15	426.29+	425.89	425.60	425.41	425.98	425.33	426.58	426.10	425.53	425.93	425.96	425.45	15
	16	426.15	425.98	425.57	425.40	425.97	425.32	426.30	426.42	425.52	425.86	426.61+	425.44-	16
	17	426.08	426.00+	425.55	425.39	425.86	425.31	426.10	426.29	425.50	425.82	426.38	425.47	17
	18	426.02	425.91	425.54	425.39	425.78	425.30	425.95	426.10	425.49	425.78	426.53	425.73	18
	19	425.92	425.84	425.51	425.42	425.72	425.29	425.86	425.96	425.47	425.74	426.34	425.79+	19
	20	425.83	425.78	425.51	425.40	425.66	425.28	425.78	425.87	425.46-	425.71	426.17	425.77	20
+ Maximum	21	425.84	425.75	425.49-	425.38	425.62	425.27	425.82	425.81	425.48	426.28	426.03	425.75	21
	22	425.89	425.76	425.49-	425.36	425.59	425.26-	426.81+	425.77	425.85	426.52	425.92	425.71	22
	23	425.84	425.75	425.58	425.35	425.63	425.27	426.76	425.73	425.82	426.28	425.85	425.67	23
	24	425.84	425.74	425.85	425.34	425.63	425.42	426.41	425.70	425.75	426.09	425.79	425.63	24
	25	425.88	425.71	425.88	425.33-	425.60	425.44	426.18	425.68-	425.79	425.95	425.75	425.60	25
	26	425.85	425.68	425.79	425.33-	425.56	425.39	426.02	425.68-	425.79	425.85	425.72	425.59	26
	27	425.83	425.83	425.73	425.42	425.57	425.34	426.03	425.77	425.74	425.79	425.69	425.60	27
	28	425.83	425.91	425.68	425.47	425.58	425.33	425.98	425.77	425.69	425.74	425.66	425.73	28
	29	425.79		425.64	425.55	425.55	425.37	426.27	425.76	425.66	425.70	425.63	425.77	29
	30	425.74		425.61	425.54	425.52	425.44	426.21	426.17	425.62	425.65	425.61	425.76	30
31	425.70		425.58		425.50-		426.21	426.14	425.62	425.62		425.76	31	
Monatsumme	425.81	425.79	425.72	425.44	425.74	425.37-	426.03+	426.00	425.71	425.90	425.91	425.59	m ü.M.	
Spitze Datum	15.	16.	6.	30.	3.	1.	22.	11.	1.	6.	16.	19.	m ü.M.	
Amplitude	0.71	0.41	0.61	0.25	0.67	0.24-	1.72+	1.39	0.97	1.21	1.20	0.36	m	

Jahr Mittel: 425.75 Spitze: 427.06 (22.07.2014) Minimum: 425.25 (23.06.2014) Amplitude: 1.81



Periode		2010 - 2014 (5 Jahre)												
Monatsumme		425.87+	425.72	425.58-	425.59	425.68	425.74	425.83	425.75	425.78	425.80	425.78	425.83	m ü.M.
Monats-Spitze Jahr		426.72 2012	426.59 2013	426.39- 2013	426.67 2013	426.79 2013	427.07+ 2012	427.06 2014	427.05 2014	427.07+ 2012	427.07+ 2012	426.71 2014	427.06 2011	m ü.M.
Monats-Minimum Jahr		425.55+ 2012	425.37 2012	425.34 2012	425.26 2011	425.20 2011	425.18- 2011	425.34 2014	425.31 2012	425.26 2013	425.41 2013	425.24 2011	425.23 2011	m ü.M.
Monats-Amplitude Jahr		1.17 2012	0.95 2013	0.93- 2013	1.30 2012	1.39 2010	1.55 2012	1.72 2014	1.39 2014	1.53 2010	1.47 2012	1.20 2014	1.83+ 2011	m
Periode		Mittel: 425.75 Spitze: 427.07 (08.06.2012) Minimum: 425.18 (16.06.2011) Amplitude: 1.89												



Grundwasserstände



Orpheus Mini

Nr. 0170 Baar - Bachtalen

Koordinaten: 681'212 / 228'930

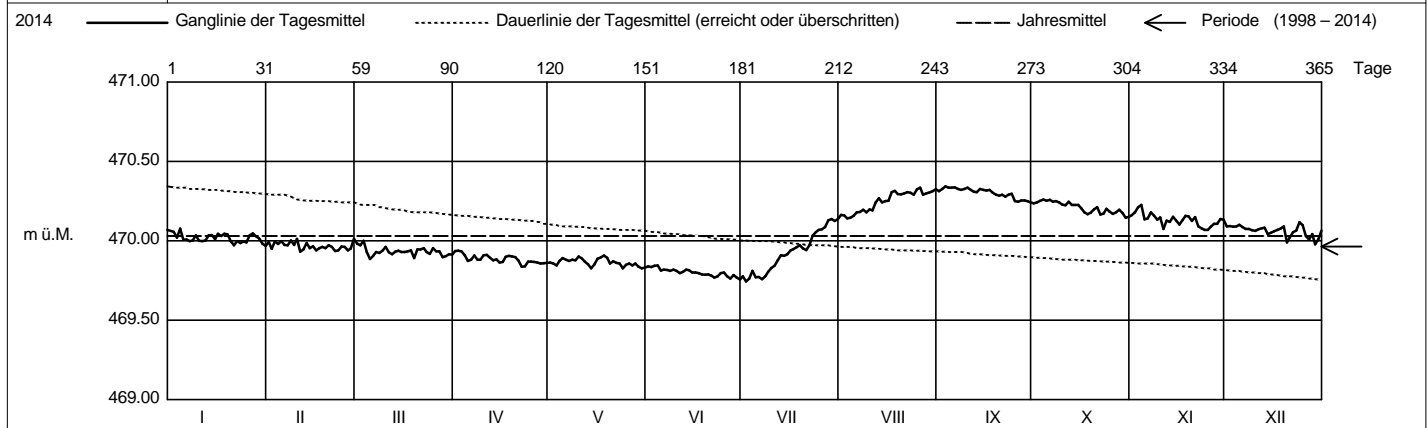
Abstichpunkt: 489.18 m ü.M. OK Terrain: 488.59 m ü.M.

KANTON ZUG

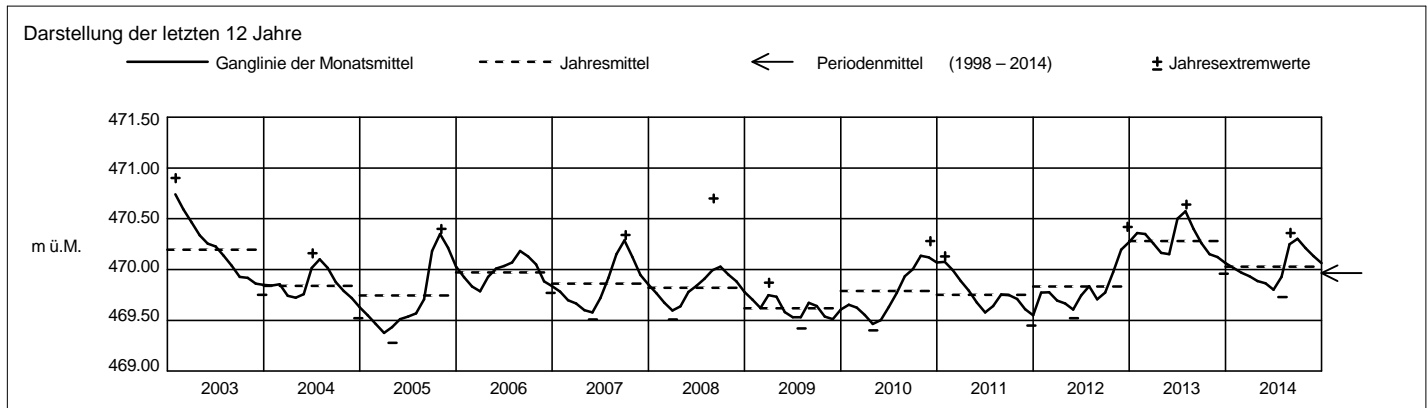
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	470.07	469.99	469.98	469.94+	469.86	469.84	469.78	470.16	470.31	470.24	470.16	470.09	1
	2	470.06	469.95	469.97	469.94+	469.86	469.83	469.75-	470.16	470.33	470.24	470.18	470.09	2
	3	470.02	470.00	470.00+	469.93	469.85	469.84	469.76	470.14-	470.34+	470.25	470.21	470.09	3
	4	470.08+	469.98	469.93	469.91	469.87	469.85+	469.81	470.15	470.34+	470.26+	470.23+	470.09	4
	5	470.01	470.00	469.89-	469.87	469.89	469.81	469.77	470.16	470.34+	470.25	470.14	470.10	5
	6	470.01	469.97	469.91	469.88	469.88	469.82	469.77	470.18	470.34+	470.26+	470.14	470.09	6
	7	470.00	469.97	469.93	469.91	469.87	469.82	469.76	470.18	470.33	470.25	470.18	470.08	7
	8	470.00	470.00	469.92	469.88	469.88	469.81	469.78	470.20	470.32	470.25	470.16	470.07	8
	9	470.04	469.98	469.94	469.88	469.88	469.82	469.81	470.18	470.33	470.24	470.13	470.07	9
	10	470.00	470.01+	469.96	469.91	469.90	469.81	469.83	470.20	470.34+	470.23	470.15	470.06	10
m ü.M.	11	470.00	469.93-	469.93	469.91	469.89	469.80	469.84	470.19	470.32	470.23	470.08	470.07	11
	12	470.00	469.92	469.92	469.89	469.87	469.81	469.88	470.24	470.31	470.25	470.18	470.08	12
	13	470.03	469.99	469.93	469.88	469.85	469.82	469.91	470.27	470.31	470.23	470.12	470.08	13
	14	470.04	469.95	469.94	469.88	469.83-	469.82	469.91	470.24	470.33	470.23	470.15	470.04	14
	15	470.01	469.97	469.93	469.86	469.85	469.80	469.92	470.25	470.32	470.23	470.13	470.05	15
	16	470.04	469.94	469.93	469.87	469.89	469.80	469.94	470.25	470.32	470.21	470.10	470.06	16
	17	470.03	469.95	469.93	469.90	469.90	469.80	469.95	470.31	470.32	470.18	470.13	470.07	17
	18	470.05	469.96	469.94	469.91	469.91+	469.79	469.96	470.32	470.30	470.17	470.16	470.08	18
	19	470.04	469.96	469.89-	469.90	469.89	469.79	469.97	470.30	470.29	470.18	470.15	470.09	19
	20	470.00	469.97	469.95	469.90	469.86	469.79	469.95	470.29	470.29	470.20	470.13	469.99	20
+ Maximum	21	469.97-	469.96	469.95	469.88	469.87	469.78	469.94	470.30	470.29	470.21	470.15	470.02	21
	22	470.00	469.94	469.95	469.84-	469.86	469.77	469.97	470.31	470.28	470.17	470.09	470.06	22
	23	469.99	469.94	469.93	469.84-	469.86	469.78	470.03	470.30	470.29	470.17	470.08	470.07	23
	24	470.00	469.96	469.92	469.87	469.83-	469.80	470.06	470.29	470.30	470.20	470.07-	470.12+	24
	25	469.99	469.96	469.95	469.87	469.85	469.80	470.07	470.33	470.25	470.18	470.07-	470.10	25
	26	470.04	469.94	469.93	469.87	469.86	469.78	470.07	470.34+	470.25	470.17	470.09	470.03	26
	27	470.05	469.95	469.93	469.86	469.85	469.76-	470.09	470.29	470.25	470.18	470.11	470.01	27
	28	470.03	470.01+	469.90	469.86	469.86	469.78	470.13	470.30	470.25	470.20	470.11	470.04	28
	29	470.02		469.90	469.86	469.84	469.77	470.14+	470.31	470.25	470.18	470.14	469.98-	29
	30	469.98		469.92	469.86	469.83-	469.76-	470.13	470.31	470.24-	470.15-	470.13	470.01	30
31	469.97-		469.91	469.86	469.83-		470.14+	470.33		470.15-		470.06	31	
Monatsmittel		470.02	469.97	469.93	469.89	469.86	469.80-	469.93	470.25	470.30+	470.21	470.13	470.06	m ü.M.
Spitze Datum		470.11 4.	470.06 10.	470.04 3.	469.95 2.	469.92 10.	469.87- 4.	470.15 28.	470.36+ 25.	470.35 3.	470.27 4.	470.25 3.	470.14 24.	m ü.M.
Amplitude		0.15	0.16	0.17	0.13	0.11-	0.12	0.42+	0.22	0.11-	0.13	0.20	0.18	m

Jahr Mittel: 470.03 Spitze: 470.36 (25.08.2014) Minimum: 469.73 (02.07.2014) Amplitude: 0.63



Periode	1998 - 2014 (17 Jahre)												
Monatsmittel	469.97	469.91	469.89	469.88	469.87-	469.93	469.97	470.01	470.04	470.05+	470.03	469.99	m ü.M.
Monats-Spitze Jahr	470.90+ 2003	470.77 2003	470.57- 2003	470.67 2001	470.69 2001	470.71 2001	470.64 2001	470.70 2008	470.61 2001	470.61 2001	470.84 2002	470.88 2002	m ü.M.
Monats-Minimum Jahr	469.44 2005	469.39 2005	469.30 2005	469.28 2005	469.37 1998	469.20 1998	469.17 1998	469.04 1998	469.02- 1998	469.28 1998	469.44 1998	469.45+ 2011	m ü.M.
Monats-Amplitude Jahr	0.33 2003	0.34 1999	0.47 2001	0.33 2001	0.41 1999	0.67 2008	0.42 2014	0.69+ 2008	0.35 1998	0.46 2012	0.33 1998	0.32- 1999	m
Periode	Mittel: 469.96		Spitze: 470.90 (02.01.2003)				Minimum: 469.02 (03.09.1998)				Amplitude: 1.88		



Grundwasserstände



Orpheus Mini

Nr. 0203 Baar - Zimbel

Koordinaten: 680'885 / 228'109

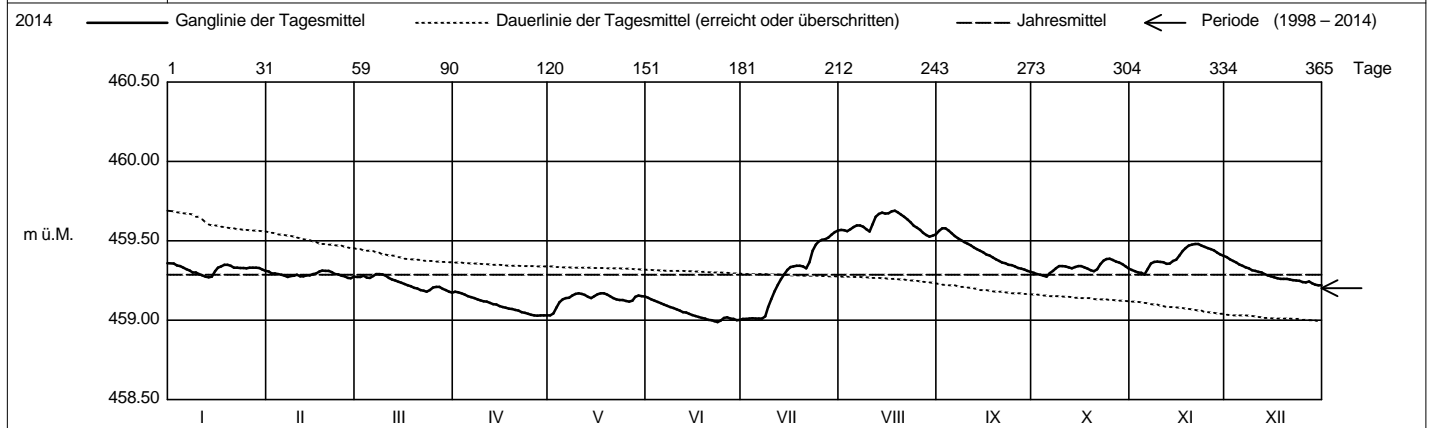
Abstichpunkt: 463.7 m ü.M. OK Terrain: 464.08 m ü.M.

KANTON ZUG

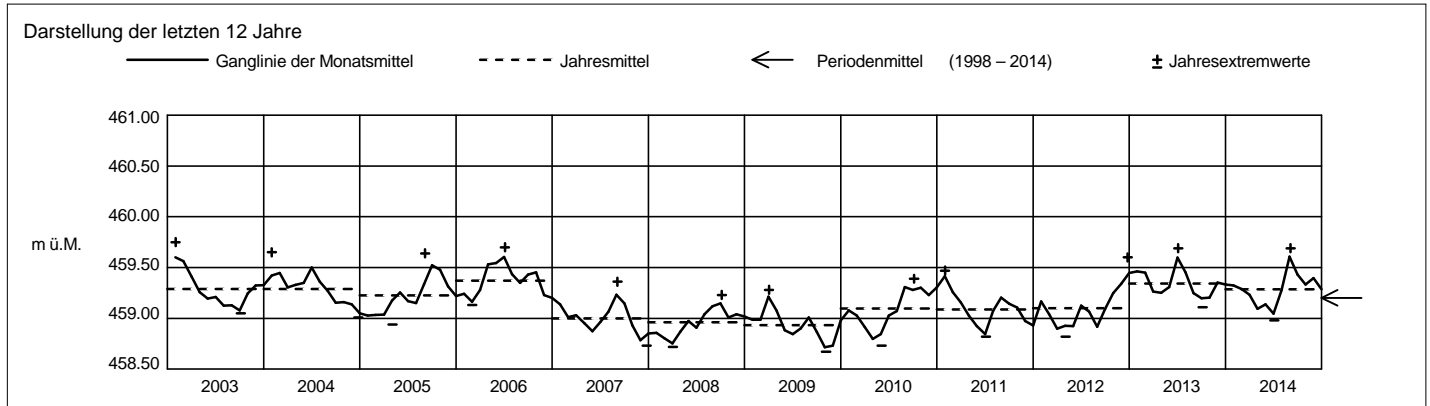
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	459.36+	459.31+	459.27	459.18+	459.03-	459.14+	459.01-	459.57	459.56	459.30	459.32	459.40+	1	
	2	459.36+	459.29	459.27	459.18+	459.04	459.13	459.01-	459.57	459.58+	459.29	459.31	459.38	2	
	3	459.35	459.30	459.28	459.17	459.08	459.12	459.01-	459.56	459.58+	459.29	459.30	459.37	3	
	4	459.34	459.29	459.27	459.16	459.11	459.12	459.01-	459.57	459.57	459.28	459.30	459.36	4	
	5	459.33	459.29	459.27	459.15	459.13	459.11	459.01-	459.59	459.55	459.27-	459.29-	459.35	5	
	6	459.32	459.28	459.28	459.15	459.14	459.10	459.01-	459.60	459.53	459.30	459.32	459.34	6	
	7	459.31	459.27-	459.29+	459.14	459.14	459.09	459.01-	459.60	459.52	459.31	459.36	459.33	7	
	8	459.30	459.28	459.29+	459.13	459.16	459.08	459.03	459.59	459.51	459.33	459.37	459.33	8	
	9	459.30	459.28	459.29+	459.13	459.17+	459.08	459.08	459.57	459.49	459.34	459.37	459.32	9	
	10	459.29	459.29	459.28	459.12	459.17+	459.07	459.13	459.56	459.48	459.34	459.37	459.31	10	
m ü.M.	11	459.28	459.28	459.27	459.12	459.17+	459.06	459.18	459.60	459.47	459.34	459.37	459.30	11	
	12	459.28	459.28	459.26	459.11	459.16	459.05	459.22	459.65	459.46	459.36	459.36	459.30	12	
	13	459.27-	459.28	459.25	459.10	459.15	459.05	459.26	459.67	459.45	459.33	459.36	459.29	13	
	14	459.28	459.28	459.24	459.10	459.14	459.04	459.29	459.68	459.44	459.34	459.37	459.28	14	
	15	459.31	459.29	459.24	459.09	459.15	459.03	459.32	459.67	459.43	459.34	459.38	459.28	15	
	16	459.33	459.30	459.23	459.08	459.16	459.03	459.34	459.67	459.41	459.34	459.41	459.27	16	
	17	459.34	459.31+	459.22	459.08	459.17+	459.02	459.34	459.69+	459.41	459.33	459.44	459.26	17	
	18	459.35	459.31+	459.22	459.07	459.17+	459.01	459.34	459.69+	459.40	459.33	459.45	459.26	18	
	19	459.35	459.31+	459.20	459.07	459.16	459.01	459.34	459.68	459.38	459.32	459.47	459.26	19	
	20	459.34	459.31+	459.20	459.07	459.15	459.00	459.34	459.67	459.37	459.31	459.48+	459.26	20	
	+ Maximum	21	459.33	459.30	459.19	459.06	459.14	459.00	459.33	459.65	459.36	459.32	459.48+	459.26	21
22		459.33	459.29	459.19	459.05	459.13	458.99-	459.37	459.64	459.36	459.35	459.48+	459.25	22	
23		459.33	459.29	459.18	459.05	459.13	458.99-	459.44	459.62	459.35	459.38	459.47	459.25	23	
24		459.33	459.28	459.19	459.04	459.13	459.00	459.48	459.60	459.35	459.39+	459.46	459.25	24	
25		459.33	459.28	459.21	459.04	459.12	459.01	459.50	459.58	459.34	459.39+	459.45	459.24	25	
- Minimum		26	459.33	459.27-	459.21	459.03-	459.12	459.02	459.51	459.57	459.33	459.38	459.45	459.24	26
		27	459.33	459.27-	459.21	459.03-	459.12	459.01	459.51	459.55	459.33	459.37	459.44	459.24	27
		28	459.33	459.28	459.20	459.03-	459.15	459.01	459.52	459.54	459.32	459.36	459.43	459.23	28
		29	459.33		459.19	459.03-	459.16	459.00	459.54	459.53-	459.31	459.35	459.41	459.22-	29
		30	459.32		459.18	459.03-	459.15	459.00	459.56	459.53-	459.30-	459.34	459.41	459.22-	30
		31	459.31		459.17-	459.03-	459.15		459.57+	459.54		459.33		459.22-	31
Monatsumme	459.32	459.29	459.23	459.09	459.14	459.05-	459.28	459.61+	459.43	459.33	459.40	459.29	m ü.M.		
Spitze Datum	1.	18.	6.	1.	9.	1.	31.	17.	2.	24.	20.	1.	m ü.M.		
Amplitude	0.09	0.06-	0.12	0.16	0.14	0.17	0.57+	0.17	0.28	0.12	0.20	0.18	m		

Jahr Mittel: 459.29 Spitze: 459.69 (17.08.2014) Minimum: 458.98 (23.06.2014) Amplitude: 0.71



Periode		1998 - 2014 (17 Jahre)											
Monatsumme	459.24+	459.19	459.18	459.16	459.15-	459.19	459.18	459.22	459.22	459.23	459.23	459.23	m ü.M.
Monats-Spitze Jahr	459.75 2003	459.85 1999	459.99+ 1999	459.67 1999	459.89 1999	459.80 1999	459.61- 1999	459.69 2014	459.77 2001	459.75 2001	459.79 2002	459.75 2002	m ü.M.
Monats-Minimum Jahr	458.81 2008	458.75 2008	458.72 2008	458.74 2008	458.73 2010	458.75 2009	458.83 2009	458.89+ 2012	458.77 2009	458.67- 2009	458.67- 2009	458.73 2007	m ü.M.
Monats-Amplitude Jahr	0.45 2004	0.32 1999	0.42 2001	0.61+ 2005	0.47 1999	0.39 2012	0.57 2014	0.55 2005	0.46 2001	0.31- 2012	0.34 2002	0.32 2012	m
Periode	Mittel: 459.20	Spitze: 459.99 (16.03.1999)					Minimum: 458.67 (31.10.2009)				Amplitude: 1.32		



Grundwasserstände



Orpheus Mini

Nr. 0206 Baar - Weidhof / Weststrasse

Koordinaten: 681'605 / 227'651

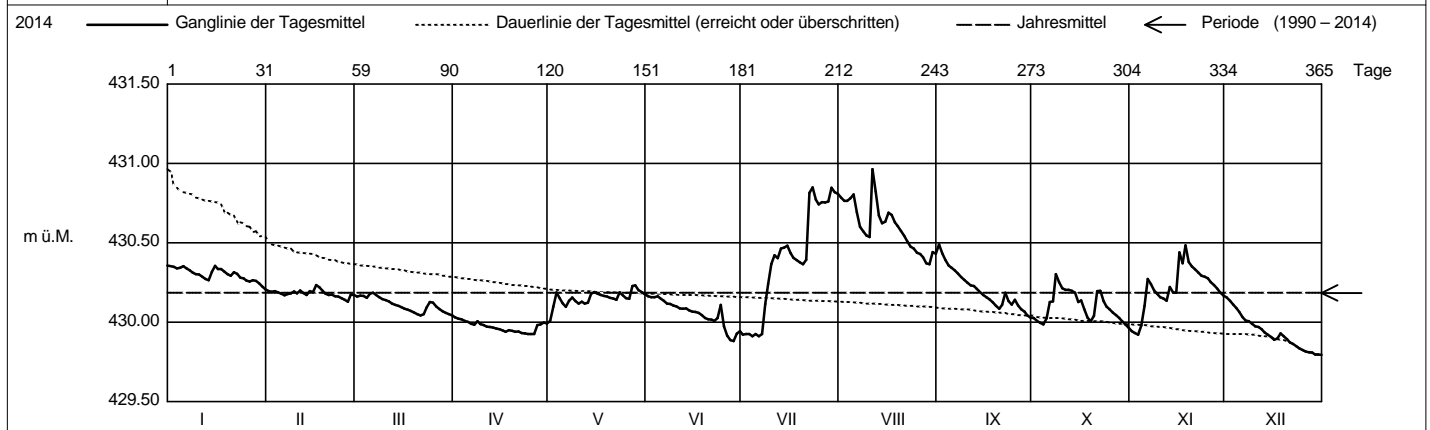
Abstichpunkt: 431.96 m ü.M. OK Terrain: 432.16 m ü.M.

KANTON ZUG

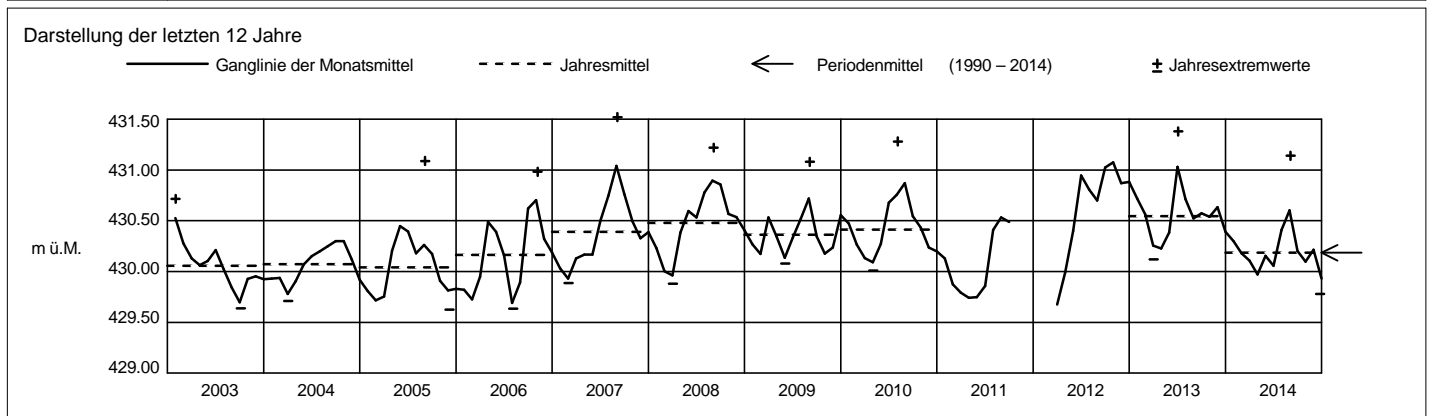
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	430.36+	430.20	430.16	430.03+	430.01-	430.16+	429.92	430.79	430.49+	430.03	429.94	430.16+	1	
	2	430.35	430.19	430.17	430.02	430.10	430.16+	429.93	430.77	430.43	430.01	429.93	430.14	2	
	3	430.34	430.20	430.17	430.02	430.19	430.16+	429.93	430.77	430.39	430.00	429.92-	430.11	3	
	4	430.34	430.19	430.15	430.01	430.15	430.16+	429.91-	430.78	430.36	429.99	429.98	430.09	4	
	5	430.35	430.18	430.18	430.00	430.12	430.15	429.93	430.81	430.34	430.03	430.10	430.06	5	
	6	430.34	430.17	430.19+	429.99	430.10	430.14	429.91-	430.70	430.33	430.13	430.27	430.03	6	
	7	430.33	430.18	430.17	429.98	430.14	430.12	429.93	430.60	430.31	430.13	430.24	430.01	7	
	8	430.31	430.18	430.16	430.01	430.16	430.12	430.12	430.57	430.28	430.30+	430.20	430.01	8	
	9	430.30	430.19	430.15	429.99	430.13	430.11	430.24	430.55	430.27	430.25	430.18	429.99	9	
	10	430.30	430.18	430.14	429.98	430.12	430.10	430.37	430.54	430.25	430.21	430.16	429.97	10	
	11	430.29	430.20	430.13	429.97	430.13	430.09	430.42	430.97+	430.23	430.20	430.15	429.97	11	
	12	430.27	430.18	430.12	429.97	430.12	430.08	430.40	430.82	430.23	430.21	430.14	429.96	12	
	13	430.26	430.17	430.11	429.97	430.12	430.09	430.47	430.67	430.21	430.20	430.22	429.94	13	
	14	430.32	430.20	430.10	429.96	430.18	430.08	430.47	430.62	430.19	430.19	430.19	429.92	14	
	m ü.M.	15	430.36+	430.19	430.10	429.96	430.19	430.07	430.48	430.63	430.17	430.13	430.19	429.91	15
	16	430.33	430.23+	430.09	429.95	430.18	430.07	430.44	430.69	430.16	430.14	430.44	429.89	16	
	17	430.34	430.22	430.08	429.94	430.17	430.06	430.41	430.82	430.14	430.08	430.37	429.90	17	
	18	430.32	430.20	430.07	429.95	430.17	430.05	430.39	430.63	430.13	430.03	430.48+	429.93	18	
	19	430.30	430.18	430.06	429.95	430.16	430.03	430.38	430.61	430.10	430.01	430.38	429.91	19	
	20	430.29	430.17	430.05	429.94	430.15	430.02	430.37	430.58	430.09	430.04	430.35	429.89	20	
	21	430.32	430.17	430.04-	429.94	430.15	430.02	430.39	430.55	430.11	430.20	430.33	429.87	21	
	22	430.30	430.16	430.05	429.93-	430.14	430.01	430.82	430.51	430.19	430.20	430.31	429.86	22	
	23	430.28	430.16	430.09	429.93-	430.19	430.03	430.85+	430.48	430.13	430.13	430.29	429.85	23	
	24	430.28	430.15	430.13	429.93-	430.17	430.11	430.77	430.46	430.11	430.10	430.29	429.83	24	
	25	430.26	430.14	430.12	429.93-	430.15	429.98	430.74	430.44	430.14	430.08	430.28	429.83	25	
	+ Maximum	26	430.26	430.13-	430.10	429.93-	430.15	429.92	430.76	430.43	430.11	430.06	430.25	429.81	26
	27	430.26	430.17	430.08	429.98	430.23+	429.89	430.75	430.41	430.08	430.04	430.23	429.81	27	
	- Minimum	28	430.26	430.17	430.07	429.99	430.23+	429.88-	430.76	430.37-	430.07	430.03	430.21	429.81	28
	29	430.25		430.06	430.00	430.20	429.93	430.85+	430.37-	430.04	430.00	430.19	429.80-	29	
	30	430.22		430.05	429.99	430.19	429.94	430.82	430.44	430.03-	429.98	430.17	429.80-	30	
	31	430.21-		430.04-		430.18		430.81	430.43	430.43	429.96-		429.80-	31	
Monatsumme		430.30	430.18	430.11	429.97	430.15	430.06	430.41	430.60+	430.20	430.10	430.21	429.93-	m ü.M.	
Spitze Datum		430.41 14.	430.25 16.	430.20 6.	430.04- 1.	430.25 27.	430.20 24.	431.02 22.	431.14+ 11.	430.52 1.	430.37 8.	430.66 18.	430.17 1.	m ü.M.	
Amplitude		0.22	0.13-	0.17	0.14	0.26	0.35	1.13+	0.81	0.50	0.42	0.76	0.39	m	

Jahr Mittel: 430.19 Spitze: 431.14 (11.08.2014) Minimum: 429.78 (29.12.2014) Amplitude: 1.36



Periode 1990 - 2014 (25 Jahre)													
Monatsumme	430.08	429.94-	429.95	430.02	430.13	430.31	430.37+	430.36	430.35	430.28	430.23	430.17	m ü.M.
Monats-Spitze Jahr	430.97 2013	430.71- 2013	430.89 2001	431.21 2001	431.31 1999	431.38 2013	431.28 2010	431.52+ 2007	431.31 2012	431.52+ 2012	431.19 2002	431.17 2012	m ü.M.
Monats-Minimum Jahr	429.28 1990	429.20 1990	429.16- 1996	429.21 1996	429.33 1996	429.52 1997	429.63 2006	429.64+ 2006	429.64+ 2003	429.51 1991	429.49 1997	429.34 1995	m ü.M.
Monats-Amplitude Jahr	0.61- 1996	0.85 1999	0.93 2001	0.89 2008	1.01 1994	0.90 2006	1.13 2014	1.25+ 2005	0.76 2010	0.70 2012	0.76 2014	0.84 1995	m
Periode	Mittel: 430.18			Spitze: 431.52 (09.08.2007)			Minimum: 429.16 (12.03.1996)			Amplitude: 2.36			



Grundwasserstände



Orpheus Mini

Nr. 0212 Baar - Grund

Koordinaten: 682'757 / 227'169

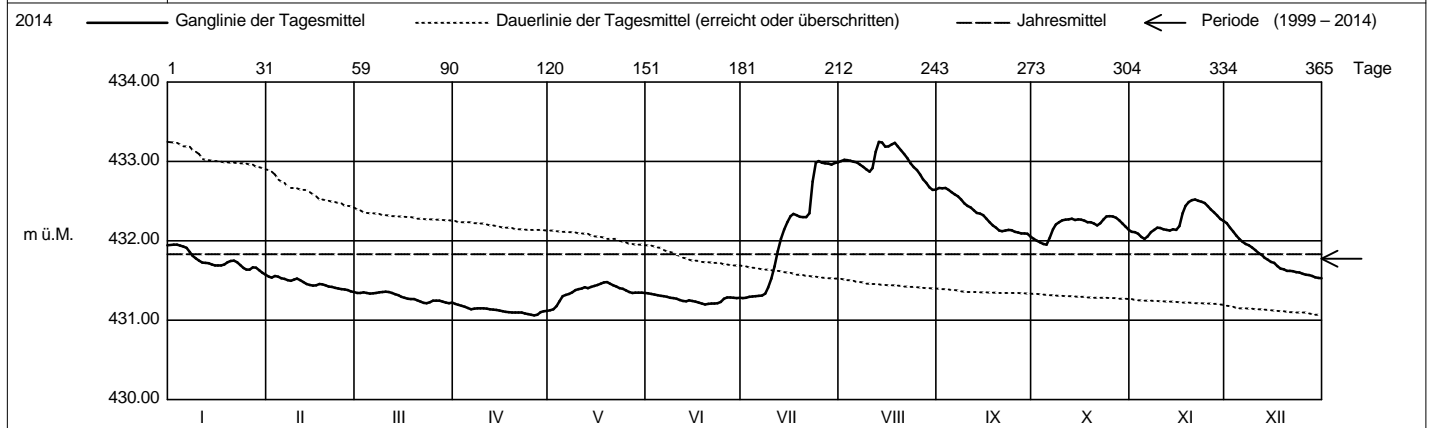
Abstichpunkt: 442.88 m ü.M. OK Terrain: 443.00 m ü.M.

KANTON ZUG

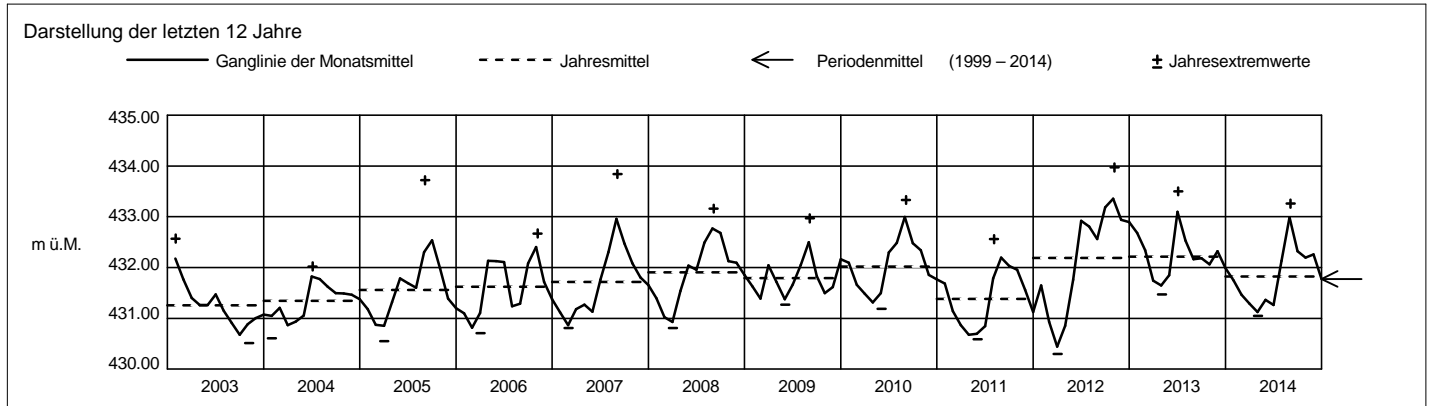
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	431.94	431.55	431.34	431.21+	431.12-	431.34+	431.28-	433.00	432.67+	432.03	432.12	432.22+	1
	2	431.95+	431.54	431.34	431.19	431.14	431.33	431.28-	433.02	432.66	432.00	432.11	432.17	2
	3	431.95+	431.56+	431.35	431.18	431.18	431.32	431.29	433.02	432.67+	431.98	432.09	432.12	3
	4	431.94	431.55	431.35	431.17	431.24	431.32	431.30	433.01	432.64	431.96	432.05	432.07	4
	5	431.93	431.53	431.34	431.15	431.30	431.31	431.30	433.00	432.61	431.95-	432.02-	432.03	5
	6	431.91	431.52	431.34	431.14	431.32	431.30	431.31	432.99	432.59	432.04	432.06	431.99	6
	7	431.86	431.51	431.35	431.14	431.33	431.29	431.31	432.96	432.56	432.15	432.11	431.96	7
	8	431.81	431.50	431.35	431.15	431.35	431.29	431.33	432.93	432.52	432.21	432.14	431.94	8
	9	431.78	431.51	431.35	431.15	431.38	431.28	431.41	432.90	432.48	432.24	432.17	431.92	9
	10	431.75	431.53	431.36+	431.15	431.39	431.27	431.52	432.87	432.44	432.26	432.16	431.88	10
m ü.M.	11	431.73	431.51	431.35	431.15	431.40	431.26	431.68	432.92	432.42	432.27	432.15	431.85	11
	12	431.72	431.48	431.34	431.14	431.41	431.24	431.87	433.12	432.38	432.27	432.14	431.82	12
	13	431.72	431.46	431.33	431.14	431.40	431.24	432.03	433.25+	432.35	432.28	432.13	431.79	13
	14	431.70	431.44	431.32	431.13	431.42	431.25	432.14	433.24	432.34	432.26	432.15	431.76	14
	15	431.69	431.44	431.30	431.12	431.43	431.24	432.24	433.19	432.33	432.27	432.14	431.74	15
	16	431.69	431.44	431.28	431.12	431.44	431.24	432.31	433.19	432.28	432.27	432.19	431.72	16
	17	431.69	431.46	431.27	431.11	431.46	431.22	432.34	433.22	432.24	432.25	432.35	431.68	17
	18	431.70	431.45	431.27	431.10	431.48+	431.21	432.32	433.24	432.20	432.24	432.44	431.65	18
	19	431.73	431.44	431.27	431.10	431.48+	431.20	432.31	433.19	432.17	432.23	432.49	431.64	19
	20	431.75	431.43	431.25	431.10	431.46	431.21	432.30	433.14	432.13	432.22	432.51	431.62	20
+ Maximum	21	431.75	431.42	431.24	431.10	431.44	431.21	432.30	433.09	432.12	432.19	432.52+	431.62	21
	22	431.73	431.41	431.22	431.10	431.42	431.21	432.35	433.04	432.13	432.22	432.51	431.62	22
	23	431.69	431.40	431.21-	431.09	431.41	431.21	432.75	432.98	432.14	432.27	432.49	431.61	23
	24	431.66	431.39	431.23	431.08	431.40	431.23	432.98	432.93	432.13	432.31+	432.48	431.60	24
	25	431.64	431.39	431.25	431.07	431.38	431.27	433.01+	432.89	432.12	432.31+	432.44	431.59	25
	26	431.64	431.38	431.25	431.06-	431.36	431.29	432.98	432.84	432.11	432.31+	432.40	431.58	26
	27	431.67	431.36-	431.25	431.07	431.35	431.29	432.98	432.78	432.09	432.29	432.36	431.57	27
	28	431.66	431.36-	431.24	431.10	431.35	431.29	432.97	432.73	432.09	432.26	432.32	431.56	28
	29	431.63		431.22	431.11	431.35	431.28	432.96	432.68	432.09	432.22	432.28	431.54	29
	30	431.60		431.21-	431.12	431.35	431.28	432.98	432.64-	432.05-	432.18	432.25	431.54	30
31	431.57-		431.22		431.35		432.99	432.65		432.14		431.53-	31	
Monatsumme		431.75	431.46	431.29	431.12-	431.36	431.26	432.13	432.99+	432.32	432.20	432.26	431.77	m ü.M.
Spitze Datum		431.96 2.	431.58 1.	431.38 10.	431.22- 1.	431.49 18.	431.35 1.	433.02 24.	433.26+ 13.	432.69 1.	432.33 24.	432.53 20.	432.24 1.	m ü.M.
Amplitude		0.40	0.24	0.18	0.17	0.38	0.16-	1.76+	0.63	0.64	0.38	0.51	0.72	m

Jahr Mittel: 431.83 Spitze: 433.26 (13.08.2014) Minimum: 431.05 (26.04.2014) Amplitude: 2.21



Periode		1999 - 2014 (16 Jahre)												
Monatsumme		431.62	431.28	431.27-	431.41	431.58	431.93	431.99	432.20+	432.16	432.09	431.90	431.74	m ü.M.
Monats-Spitze Jahr		433.20 2013	432.54- 2013	432.58 2001	433.29 2001	433.41 1999	433.59 2012	433.30 2010	433.84 2007	433.50 2012	433.97+ 2012	433.16 2002	433.28 2012	m ü.M.
Monats-Minimum Jahr		430.61 2004	430.58 2005	430.30- 2012	430.30- 2012	430.59 2011	430.76 2011	430.99+ 2006	430.76 2003	430.54 2003	430.51 2003	430.87 2003	430.69 2011	m ü.M.
Monats-Amplitude Jahr		1.04 2004	0.85 2005	1.54 2001	1.43 2008	1.27 2001	1.63 2012	1.76 2014	2.19+ 2005	1.20 2001	1.10 2012	0.72- 2002	0.94 2004	m
Periode		Mittel: 431.78 Spitze: 433.97 (12.10.2012) Minimum: 430.30 (31.03.2012) Amplitude: 3.67												



Grundwasserstände



Orpheus Mini

Nr. 0288 Baar - Feldmatt KB1-2012

Koordinaten: 682'199.15 / 227'167.47

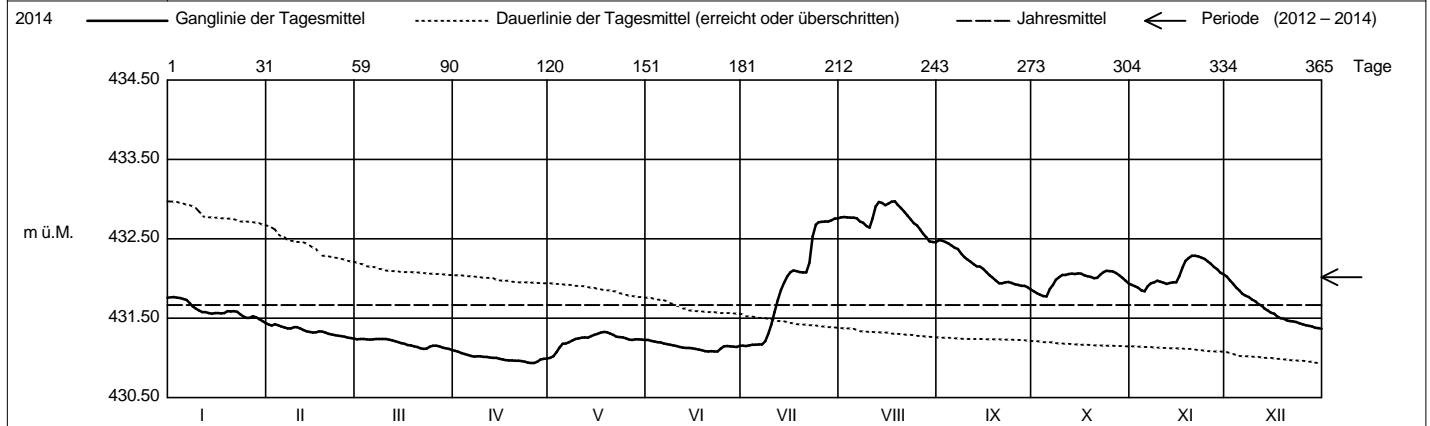
Abstichpunkt: 437.33 m ü.M. OK Terrain: 437.58 m ü.M.

KANTON ZUG

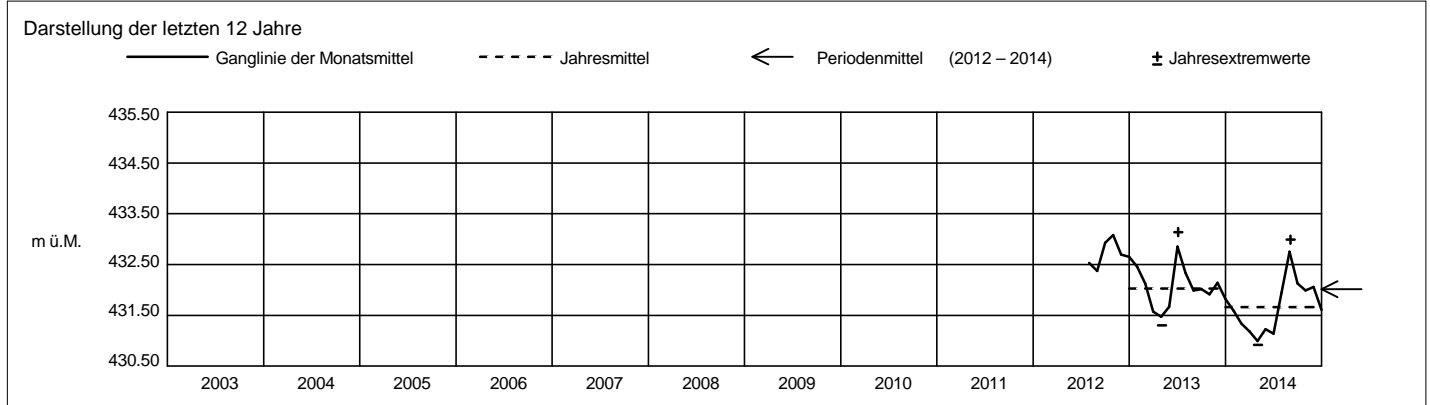
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	431.76	431.42	431.24+	431.09+	431.00-	431.23+	431.15-	432.77	432.48+	431.84	431.92	432.03+	1	
	2	431.77+	431.41	431.24+	431.08	431.02	431.21	431.15-	432.78	432.48+	431.82	431.91	431.98	2	
	3	431.76	431.43+	431.24+	431.06	431.07	431.20	431.16	432.77	432.46	431.80	431.88	431.93	3	
	4	431.75	431.41	431.23	431.05	431.13	431.20	431.16	432.77	432.44	431.78	431.85	431.89	4	
	5	431.74	431.40	431.23	431.04	431.18	431.19	431.17	432.77	432.42	431.77-	431.84-	431.85	5	
	6	431.73	431.38	431.23	431.02	431.18	431.18	431.17	432.76	432.39	431.87	431.90	431.81	6	
	7	431.69	431.37	431.24+	431.02	431.20	431.18	431.17	432.72	432.37	431.92	431.94	431.75	7	
	8	431.65	431.37	431.24+	431.02	431.22	431.17	431.21	432.70	432.31	431.98	431.95	431.77	8	
	9	431.62	431.39	431.24+	431.02	431.24	431.16	431.30	432.66	432.27	432.02	431.97	431.74	9	
	10	431.60	431.39	431.24+	431.01	431.25	431.15	431.42	432.64	432.24	432.05	431.96	431.71	10	
m ü.M.	11	431.58	431.37	431.23	431.01	431.26	431.14	431.58	432.75	432.21	432.05	431.95	431.68	11	
	12	431.58	431.35	431.22	431.01	431.26	431.13	431.73	432.18	432.06	431.93	431.66	12		
	13	431.57	431.34	431.21	431.00	431.25	431.13	431.86	432.97+	432.16	432.06	431.94	431.62	13	
	14	431.56	431.33	431.20	431.00	431.28	431.13	431.95	432.95	432.15	432.06	431.95	431.60	14	
	15	431.56	431.32	431.19	430.99	431.29	431.12	432.03	432.92	432.12	432.07	431.95	431.57	15	
	16	431.56	431.32	431.18	430.98	431.30	431.11	432.08	432.95	432.08	432.06	432.03	431.56	16	
	17	431.56	431.34	431.16	430.97	431.32	431.11	432.10	432.97+	432.04	432.04	432.14	431.52	17	
	18	431.57	431.33	431.16	430.97	431.33+	431.10	432.09	432.97+	432.01	432.03	432.22	431.50	18	
	19	431.59	431.32	431.15	430.97	431.32	431.09	432.08	432.93	431.97	432.02	432.26	431.49	19	
	20	431.59	431.30	431.14	430.96	431.31	431.08-	432.08	432.89	431.94	432.01	432.29+	431.47	20	
	+ Maximum	21	431.59	431.30	431.12	430.96	431.29	431.08-	432.08	432.84	431.94	432.01	432.29+	431.46	21
22		431.58	431.29	431.11	430.96	431.27	431.08-	432.20	432.80	431.95	432.05	432.28	431.46	22	
23		431.55	431.28	431.12	430.95	431.26	431.08-	432.53	432.75	431.95	432.08	432.27	431.45	23	
24		431.52	431.27	431.14	430.94	431.26	431.12	432.68	432.70	431.94	432.10+	432.25	431.44	24	
25		431.50	431.27	431.15	430.94	431.25	431.15	432.71	432.67	431.93	432.09	432.21	431.42	25	
- Minimum		26	431.50	431.26	431.15	430.93-	431.23	431.15	432.71	432.62	431.92	432.09	432.19	431.41	26
		27	431.53	431.25	431.15	430.95	431.23	431.15	432.72	432.57	431.91	432.07	432.15	431.41	27
		28	431.51	431.24-	431.13	430.98	431.23	431.14	432.72	432.52	431.91	432.04	432.12	431.40	28
		29	431.49		431.12	430.99	431.23	431.14	432.73	432.47	431.89	432.01	432.07	431.38	29
		30	431.46		431.11	430.99	431.23	431.15	432.75	432.46-	431.86-	431.97	432.05	431.37-	30
		31	431.44-		431.10-		431.23		432.76+	432.46-		431.94		431.37-	31
Monatsumme	431.60	431.34	431.18	431.00-	431.23	431.14	431.94	432.75+	432.13	431.99	432.06	431.60	m ü.M.		
Spitze Datum	431.77 1.	431.44 1.	431.26 2.	431.10- 1.	431.34 18.	431.24 1.	432.77 31.	432.99+ 18.	432.49 1.	432.11 24.	432.30 20.	432.04 1.	m ü.M.		
Amplitude	0.34	0.21	0.17-	0.18	0.36	0.18	1.63+	0.55	0.64	0.34	0.47	0.68	m		

Jahr Mittel: 431.67 Spitze: 432.99 (18.08.2014) Minimum: 430.92 (25.04.2014) Amplitude: 2.07



Periode 2012 - 2014 (3 Jahre)													
Monatsumme	432.03	431.73	431.38	431.23-	431.45	432.00	432.23	432.37+	432.36	432.33	432.30	432.03	m ü.M.
Monats-Spitze Jahr	432.93 2013	432.30 2013	431.85 2013	431.63- 2013	431.96 2013	433.14 2013	432.77 2014	432.99 2014	433.18 2012	433.59+ 2012	432.86 2012	432.99 2012	m ü.M.
Monats-Minimum Jahr	431.43 2014	431.23 2014	431.09 2014	430.92- 2014	430.98 2014	431.06 2014	431.14 2014	431.89+ 2013	431.82 2013	431.77 2014	431.81 2013	431.36 2014	m ü.M.
Monats-Amplitude Jahr	0.89 2013	0.45 2013	0.48 2013	0.33- 2013	0.44 2013	1.16 2013	1.63+ 2014	0.55 2014	0.68 2012	0.94 2012	0.50 2013	0.71 2013	m
Periode	Mittel: 432.02		Spitze: 433.59 (13.10.2012)				Minimum: 430.92 (25.04.2014)				Amplitude: 2.67		



Grundwasser Temperatur

Nr. 0288 Baar - Feldmatt KB1-2012

KANTON ZUG



Orpheus Mini

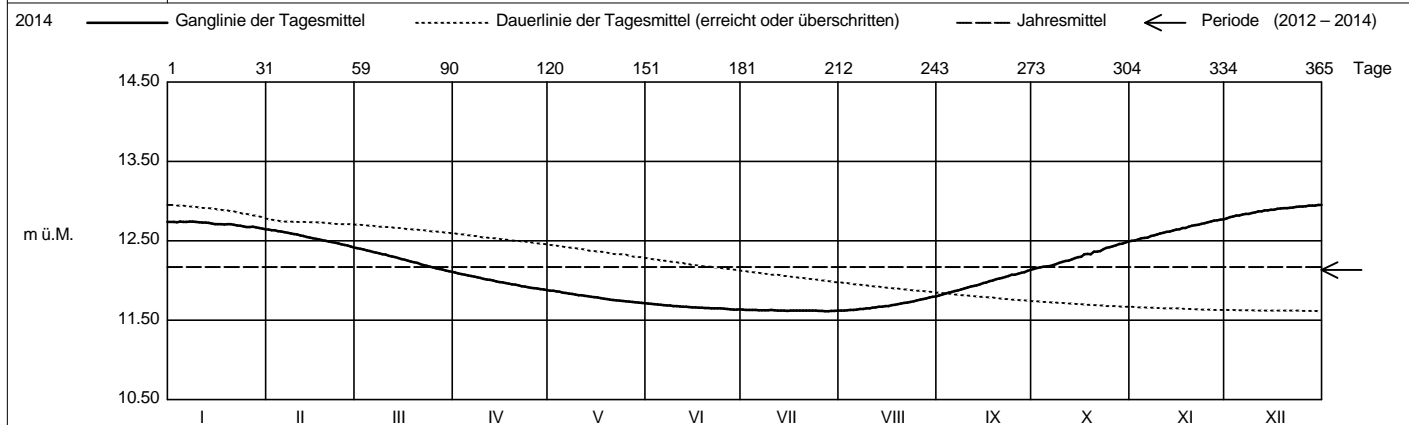
Koordinaten: 682'199.15 / 227'167.47

Amt für Umweltschutz

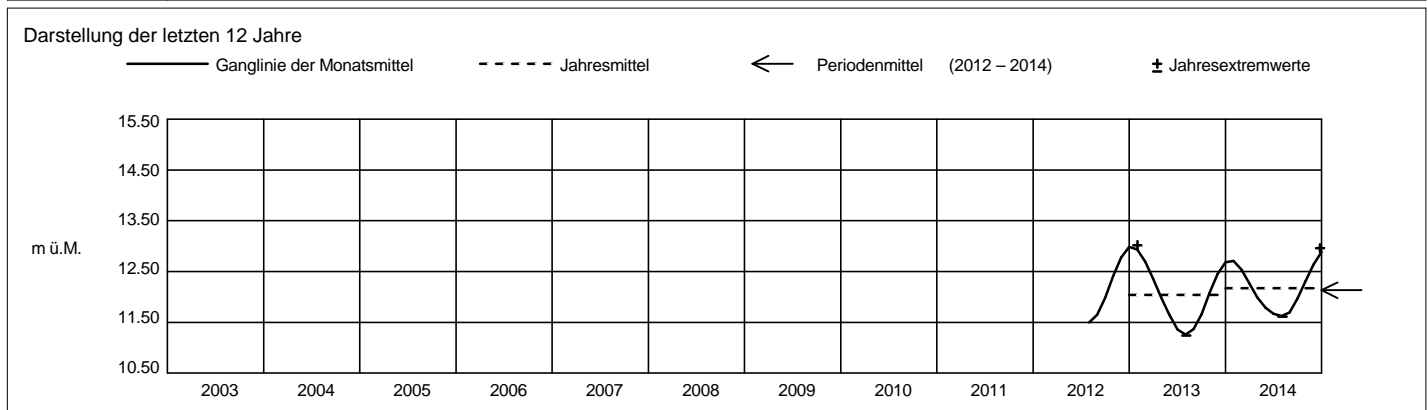
Abstichpunkt: 437.33 m ü.M. OK Terrain: 437.58 m ü.M.

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	12.74+	12.64+	12.41+	12.10+	11.87+	11.71+	11.64+	11.62-	11.81-	12.15-	12.50-	12.78-	1
	2	12.74+	12.64+	12.40	12.09	11.87+	11.71+	11.63	11.62-	11.82	12.16	12.51	12.80	2
	3	12.74+	12.63	12.39	12.08	11.87+	11.70	11.63	11.62-	11.83	12.17	12.52	12.81	3
	4	12.74+	12.62	12.38	12.07	11.86	11.70	11.63	11.63	11.85	12.18	12.53	12.82	4
	5	12.74+	12.62	12.37	12.07	11.85	11.70	11.63	11.63	11.86	12.18	12.54	12.82	5
	6	12.74+	12.61	12.36	12.06	11.84	11.69	11.63	11.63	11.87	12.18	12.54	12.83	6
	7	12.74+	12.60	12.35	12.05	11.84	11.69	11.62	11.64	11.88	12.20	12.56	12.84	7
	8	12.74+	12.60	12.34	12.04	11.83	11.68	11.63	11.64	11.89	12.21	12.57	12.84	8
	9	12.74+	12.59	12.33	12.03	11.82	11.68	11.63	11.65	11.90	12.22	12.58	12.85	9
	10	12.73	12.58	12.33	12.02	11.82	11.68	11.63	11.65	11.91	12.24	12.59	12.86	10
m ü.M.	11	12.73	12.57	12.31	12.01	11.81	11.67	11.63	11.66	11.92	12.25	12.60	12.87	11
	12	12.73	12.56	12.30	12.01	11.81	11.67	11.62	11.66	11.93	12.25	12.61	12.87	12
	13	12.73	12.55	12.29	12.00	11.80	11.67	11.62	11.67	11.94	12.27	12.62	12.89	13
	14	12.72	12.54	12.28	11.99	11.80	11.67	11.62	11.67	11.95	12.28	12.63	12.89	14
	15	12.71	12.53	12.27	11.98	11.79	11.66	11.62	11.68	11.97	12.30	12.64	12.89	15
	16	12.71	12.53	12.26	11.98	11.79	11.66	11.62	11.68	11.98	12.30	12.65	12.89	16
	17	12.71	12.52	12.25	11.97	11.78	11.66	11.62	11.69	11.99	12.33	12.66	12.91	17
	18	12.71	12.51	12.24	11.96	11.77	11.66	11.62	11.70	12.00	12.33	12.66	12.91	18
	19	12.71	12.50	12.23	11.95	11.77	11.66	11.62	11.70	12.02	12.33	12.68	12.91	19
	20	12.71	12.50	12.22	11.95	11.76	11.65	11.62	11.71	12.03	12.36	12.69	12.91	20
+ Maximum	21	12.70	12.48	12.21	11.94	11.75	11.65	11.62	11.72	12.03	12.37	12.70	12.92	21
	22	12.70	12.48	12.20	11.93	11.75	11.65	11.62	11.72	12.05	12.37	12.70	12.92	22
	23	12.69	12.47	12.18	11.92	11.75	11.65	11.62	11.73	12.06	12.40	12.72	12.93	23
	24	12.68	12.46	12.18	11.92	11.74	11.65	11.62	11.74	12.08	12.41	12.72	12.93	24
	25	12.67	12.45	12.17	11.91	11.74	11.65	11.62	11.75	12.07	12.42	12.73	12.93	25
	26	12.67	12.44	12.16	11.90	11.73	11.64	11.62	11.76	12.09	12.43	12.74	12.94	26
	27	12.68	12.43	12.15	11.90	11.73	11.64	11.61-	11.77	12.10	12.44	12.76	12.94	27
	28	12.67	12.42-	12.14	11.89	11.73	11.64	11.61-	11.78	12.11	12.46	12.76	12.94	28
	29	12.66		12.13	11.89	11.72-	11.63-	11.62-	11.79	12.12	12.47	12.77+	12.95+	29
	30	12.65-		12.12	11.88-	11.72-	11.64	11.62	11.79	12.13+	12.48	12.77+	12.95+	30
31	12.65-		12.11-		11.72-		11.62	11.80+		12.49+		12.95+	31	
Monatsumme	12.71	12.54	12.26	11.98	11.79	11.67	11.62-	11.69	11.97	12.31	12.64	12.89+	m ü.M.	
Spitze Datum	1. 1.	1. 1.	1. 1.	1. 1.	1. 1.	1. 1.	1. 1.	30. 1.	29. 1.	31. 1.	30. 1.	27. 1.	m ü.M.	
Amplitude	0.11	0.24	0.30	0.23	0.17	0.09	0.03-	0.19	0.35	0.37+	0.31	0.19	m	

Jahr Mittel: 12.17 Spitze: 12.96 (27.12.2014) Minimum: 11.61 (15.07.2014) Amplitude: 1.35



Periode		2012 - 2014 (3 Jahre)											
Monatsumme	12.82	12.62	12.31	11.99	11.72	11.51	11.46-	11.57	11.87	12.27	12.62	12.85+	m ü.M.
Monats-Spitze Jahr	13.02 2013	12.86 2013	12.55 2013	12.16 2013	11.88 2014	11.72 2014	11.64- 2014	11.81 2014	12.19 2012	12.61 2012	12.93 2012	13.04+ 2012	m ü.M.
Monats-Minimum Jahr	12.64+ 2014	12.41 2014	12.11 2014	11.81 2013	11.51 2013	11.27 2013	11.24- 2013	11.28 2013	11.48 2013	11.85 2013	12.29 2013	12.58 2013	m ü.M.
Monats-Amplitude Jahr	0.18 2013	0.32 2013	0.39 2013	0.35 2013	0.30 2013	0.26 2013	0.06- 2012	0.27 2012	0.40 2012	0.45+ 2013	0.34 2012	0.19 2014	m
Periode	Mittel: 12.13	Spitze: 13.04 (22.12.2012)					Minimum: 11.24 (12.07.2013)			Amplitude: 1.80			



Grundwasserstände



Orpheus Mini

Nr. 0289 Baar - Sennweid KB2-Feldmatt

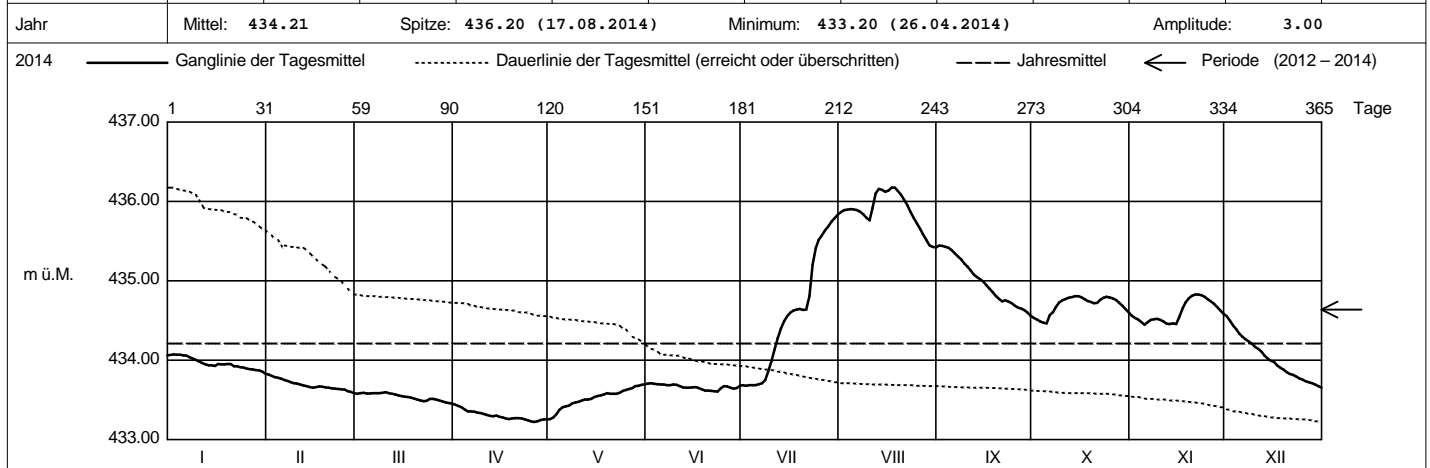
Koordinaten: 682'577.83 / 228'251.90

Abstichpunkt: 443.32 m ü.M. OK Terrain: 443.52 m ü.M.

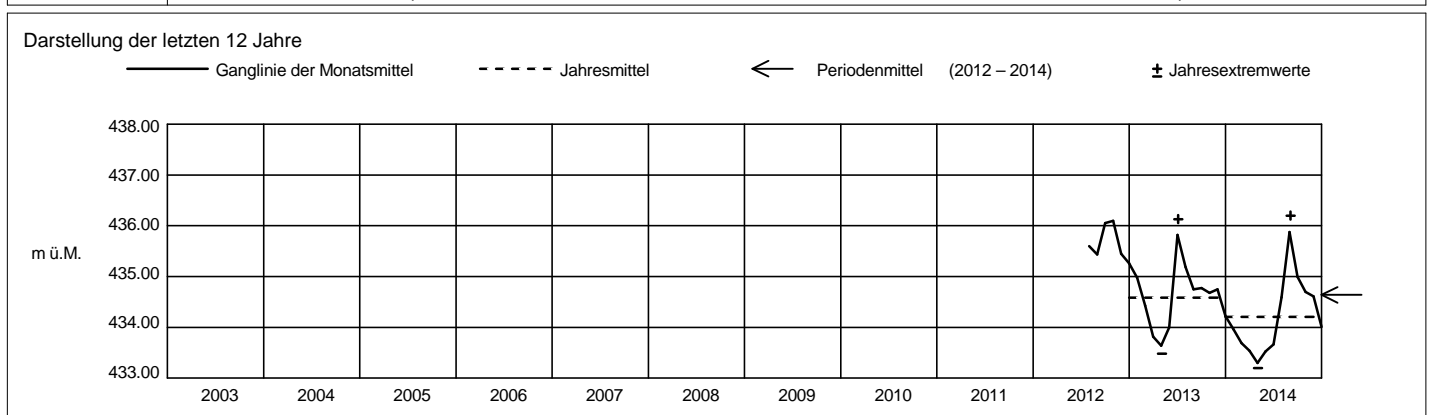
KANTON ZUG

Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	434.06	433.82+	433.58	433.44+	433.26-	433.70	433.69	435.87	435.44+	434.53	434.56	434.55+	1	
	2	434.07+	433.80	433.58	433.42	433.28	433.71+	433.68-	435.89	435.44+	434.51	434.53	434.50	2	
	3	434.07+	433.79	433.59	433.41	433.32	433.70	433.69	435.90	435.43	434.49	434.51	434.44	3	
	4	434.07+	433.78	433.58	433.38	433.38	433.70	433.69	435.90	435.41	434.47-	434.48	434.39	4	
	5	434.06	433.77	433.58	433.36	433.41	433.70	433.69	435.90	435.39	434.47-	434.45-	434.34	5	
	6	434.06	433.75	433.58	433.35	433.42	433.69	433.70	435.89	435.35	434.57	434.48	434.30	6	
	7	434.04	433.74	433.59	433.35	433.43	433.69	433.71	435.87	435.31	434.61	434.51	434.26	7	
	8	434.02	433.72	433.58	433.34	433.46	433.69	433.75	435.84	435.27	434.67	434.52	434.23	8	
	9	434.01	433.71	433.59	433.33	433.47	433.69	433.86	435.80	435.22	434.73	434.52	434.21	9	
	10	433.99	433.71	433.60+	433.32	433.48	433.69	433.98	435.76	435.18	434.75	434.51	434.17	10	
m ü.M.	11	433.96	433.69	433.59	433.31	433.49	433.67	434.13	435.92	435.13	434.77	434.49	434.14	11	
	12	433.95	433.68	433.58	433.30	433.50	433.66	434.28	436.10	435.08	434.79	434.46	434.10	12	
	13	433.94	433.67	433.57	433.29	433.50	433.66	434.40	436.16	435.05	434.79	434.46	434.06	13	
	14	433.94	433.66	433.56	433.30	433.51	433.65	434.49	436.15	435.02	434.81+	434.46	434.02	14	
	15	433.93	433.66	433.55	433.29	433.54	433.66	434.56	436.12	434.99	434.81+	434.46	433.99	15	
	16	433.95	433.66	433.54	433.28	433.55	433.66	434.60	436.14	434.95	434.79	434.55	433.98	16	
	17	433.95	433.67	433.54	433.27	433.56	433.65	434.62	436.17	434.90	434.77	434.66	433.93	17	
	18	433.95	433.66	433.53	433.26	433.57	433.63	434.64	436.18+	434.85	434.75	434.73	433.90	18	
	19	433.95	433.66	433.52	433.27	433.58	433.62	434.65	436.14	434.81	434.73	434.78	433.88	19	
	20	433.95	433.65	433.51	433.27	433.58	433.62	434.64	436.09	434.77	434.72	434.81	433.85	20	
+ Maximum	21	433.92	433.64	433.49	433.27	433.58	433.61-	434.64	436.02	434.74	434.72	434.83+	433.83	21	
	22	433.92	433.64	433.48	433.27	433.58	433.61-	434.81	435.95	434.76	434.76	434.83+	433.82	22	
	23	433.91	433.64	433.49	433.25	433.59	433.61-	435.21	435.87	434.74	434.79	434.82	433.80	23	
	24	433.91	433.63	433.51	433.24	433.61	433.65	435.42	435.79	434.72	434.80	434.80	433.77	24	
	25	433.90	433.63	433.51	433.23	433.63	433.68	435.52	435.72	434.69	434.79	434.77	433.75	25	
	- Minimum	26	433.89	433.61	433.51	433.22-	433.64	433.67	435.58	435.65	434.66	434.78	434.74	433.74	26
		27	433.88	433.60	433.49	433.23	433.65	433.66	435.64	435.59	434.65	434.76	434.71	433.72	27
		28	433.88	433.58-	433.48	433.25	433.67	433.64	435.69	435.52	434.63	434.72	434.67	433.71	28
		29	433.87		433.47	433.25	433.68	433.65	435.75	435.45	434.60	434.69	434.63	433.69	29
		30	433.86		433.46	433.25	433.69	433.68	435.79	435.43	434.56-	434.64	434.59	433.67	30
		31	433.83-		433.45-		433.70+		435.84+	435.42-		434.60		433.65-	31
Monatsmittel	433.96	433.69	433.54	433.30-	433.53	433.66	434.59	435.88+	434.99	434.70	434.61	434.01	m ü.M.		
Spitze Datum	434.08 2.	433.84 1.	433.61 3.	433.46- 1.	433.72 31.	433.72 1.	435.87 31.	436.20+ 17.	435.46 1.	434.82 14.	434.85 21.	434.59 1.	m ü.M.		
Amplitude	0.27	0.28	0.17	0.26	0.48	0.13-	2.21+	0.80	0.91	0.37	0.42	0.94	m		
Jahr	Mittel: 434.21		Spitze: 436.20 (17.08.2014)				Minimum: 433.20 (26.04.2014)				Amplitude: 3.00				



Periode 2012 - 2014 (3 Jahre)													
Monatsmittel	434.47	434.06	433.68	433.47-	433.76	434.74	435.06	435.35+	435.27	435.16	434.93	434.50	m ü.M.
Monats-Spitze Jahr	435.78 2013	434.66 2013	434.10 2013	433.85- 2013	434.41 2013	436.13 2013	435.87 2014	436.20 2014	436.40 2012	436.62+ 2012	435.70 2012	435.81 2012	m ü.M.
Monats-Minimum Jahr	433.81 2014	433.56 2014	433.44 2014	433.20- 2014	433.24 2014	433.59 2014	433.66 2014	434.62+ 2013	434.55 2014	434.45 2014	434.43 2014	433.65 2014	m ü.M.
Monats-Amplitude Jahr	1.44 2013	0.57 2013	0.53 2013	0.37- 2013	0.61 2013	1.69 2013	2.21+ 2014	0.80 2014	0.91 2014	1.10 2012	0.71 2012	0.94 2014	m
Periode	Mittel: 434.64		Spitze: 436.62 (11.10.2012)				Minimum: 433.20 (26.04.2014)				Amplitude: 3.42		



Grundwasser Temperatur

Nr. 0289 Baar - Sennweid KB2-2012

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Orpheus Mini

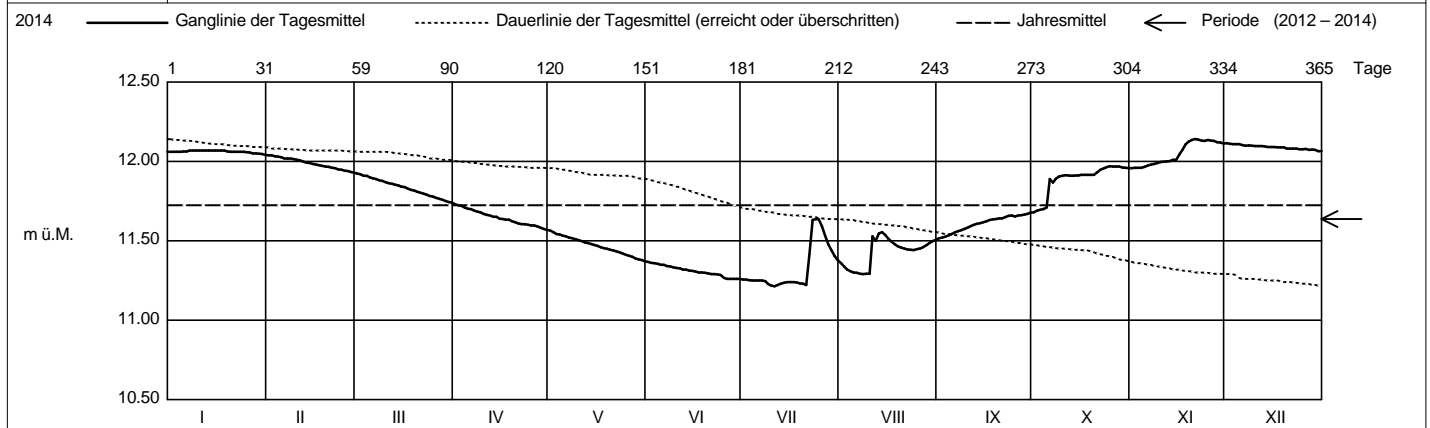
Koordinaten: 682'577.83 / 228'251.90

Amt für Umweltschutz

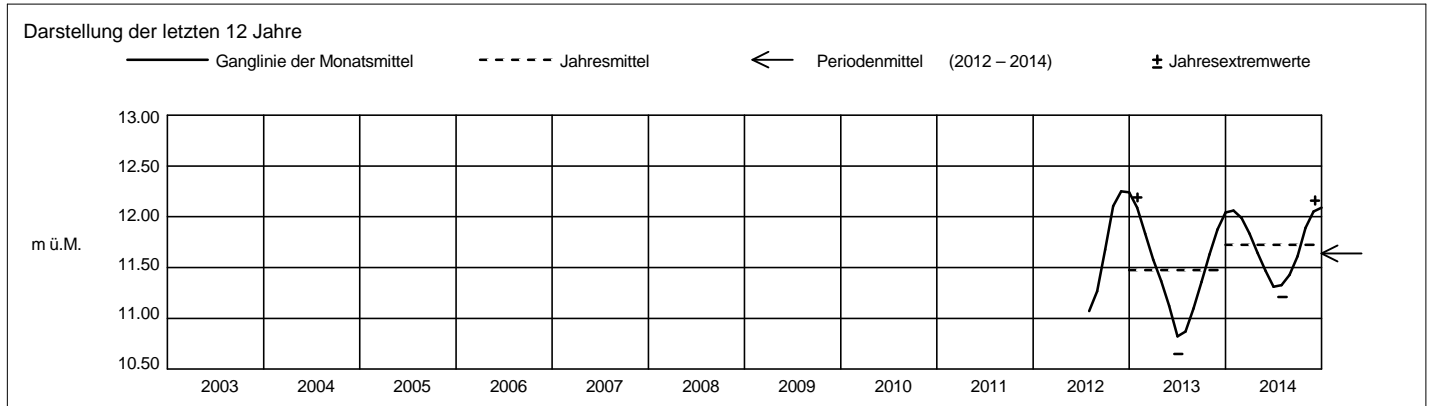
Abstichpunkt: 443.32 m ü.M. OK Terrain: 443.52 m ü.M.

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	12.06	12.04+	11.92+	11.73+	11.56+	11.37+	11.26	11.36	11.52-	11.68-	11.96-	12.12+	1
	2	12.06	12.04+	11.92+	11.72	11.55	11.36	11.26	11.34	11.52-	11.69	11.96-	12.11	2
	3	12.06	12.03	11.91	11.72	11.54	11.36	11.25	11.32	11.53	11.70	11.96-	12.11	3
	4	12.06	12.03	11.91	11.71	11.54	11.36	11.25	11.31	11.54	11.70	11.96-	12.11	4
	5	12.06	12.03	11.90	11.70	11.53	11.35	11.25	11.25	11.30	11.54	11.71	11.97	5
	6	12.06	12.02	11.89	11.70	11.53	11.35	11.25	11.25	11.30	11.55	11.89	11.97	6
	7	12.07+	12.02	11.89	11.69	11.52	11.34	11.25	11.29-	11.56	11.87	11.98	12.10	7
	8	12.07+	12.02	11.88	11.68	11.52	11.34	11.25	11.29-	11.57	11.89	11.98	12.10	8
	9	12.07+	12.01	11.88	11.68	11.51	11.33	11.23	11.29-	11.58	11.91	11.99	12.10	9
	10	12.07+	12.01	11.87	11.67	11.50	11.33	11.22	11.29-	11.58	11.91	12.00	12.10	10
m ü.M.	11	12.07+	12.01	11.86	11.66	11.50	11.33	11.21-	11.53	11.59	11.91	12.00	12.10	11
	12	12.07+	12.00	11.86	11.66	11.49	11.32	11.22	11.50	11.60	11.91	12.00	12.10	12
	13	12.07+	11.99	11.85	11.65	11.49	11.32	11.23	11.55	11.61	11.91	12.00	12.10	13
	14	12.07+	11.99	11.85	11.65	11.48	11.31	11.24	11.56+	11.61	11.91	12.01	12.09	14
	15	12.07+	11.99	11.84	11.64	11.47	11.31	11.24	11.54	11.62	11.91	12.01	12.09	15
	16	12.07+	11.98	11.84	11.64	11.47	11.31	11.24	11.51	11.62	11.92	12.05	12.09	16
	17	12.07+	11.98	11.83	11.63	11.46	11.30	11.24	11.49	11.63	11.92	12.08	12.09	17
	18	12.07+	11.97	11.82	11.63	11.46	11.30	11.24	11.48	11.64	11.92	12.11	12.09	18
	19	12.06	11.97	11.82	11.62	11.45	11.30	11.23	11.47	11.64	11.92	12.13	12.09	19
	20	12.06	11.97	11.81	11.62	11.44	11.29	11.23	11.46	11.64	11.92	12.14+	12.08	20
+ Maximum	21	12.06	11.96	11.80	11.61	11.44	11.29	11.22	11.45	11.64	11.93	12.14+	12.08	21
	22	12.06	11.96	11.80	11.61	11.43	11.29	11.42	11.45	11.65	11.95	12.14+	12.08	22
	23	12.06	11.95	11.79	11.60	11.43	11.29	11.63	11.44	11.66	11.96	12.13	12.08	23
	24	12.06	11.95	11.78	11.60	11.42	11.29	11.64+	11.44	11.66	11.96	12.13	12.08	24
	25	12.06	11.94	11.78	11.60	11.41	11.27	11.64+	11.45	11.65	11.97+	12.14+	12.08	25
	26	12.06	11.94	11.77	11.60	11.41	11.26-	11.59	11.45	11.66	11.97+	12.13	12.08	26
	27	12.05	11.93-	11.76	11.59	11.40	11.26-	11.53	11.46	11.66	11.97+	12.13	12.07-	27
	28	12.05	11.93-	11.76	11.58	11.39	11.26-	11.48	11.47	11.67	11.97+	12.12	12.08	28
	29	12.05		11.75	11.58	11.38	11.26-	11.44	11.49	11.67	11.96	12.12	12.07-	29
	30	12.05		11.74-	11.57-	11.38	11.26-	11.40	11.50	11.68+	11.96	12.11	12.07-	30
31	12.04-		11.74-		11.37-		11.38	11.51		11.96		12.07-	31	
Monatsumme		12.06	11.99	11.83	11.65	11.47	11.31-	11.33	11.43	11.61	11.89	12.05	12.09+	m ü.M.
Spitze Datum		12.07 1.	12.04 1.	11.93 1.	11.74 1.	11.57 1.	11.37- 1.	11.74 22.	11.80 11.	11.68 29.	12.08 6.	12.16+ 21.	12.12 1.	m ü.M.
Amplitude		0.03-	0.11	0.19	0.18	0.20	0.12	0.53+	0.51	0.17	0.40	0.21	0.07	m

Jahr Mittel: 11.72 Spitze: 12.16 (21.11.2014) Minimum: 11.21 (10.07.2014) Amplitude: 0.95



Periode		2012 - 2014 (3 Jahre)												
Monatsumme		12.08	11.91	11.71	11.51	11.29	11.07-	11.09	11.26	11.55	11.88	12.06	12.13+	m ü.M.
Monats-Spitze Jahr		12.19 2013	12.04 2014	11.93 2014	11.74 2014	11.57 2014	11.37- 2014	11.74 2014	11.80 2014	11.82 2012	12.68+ 2012	12.29 2012	12.46 2012	m ü.M.
Monats-Minimum Jahr		11.96 2013	11.70 2013	11.48 2013	11.24 2013	10.91 2013	10.65- 2013	10.78 2013	10.97 2013	11.22 2013	11.50 2013	11.74 2013	12.00+ 2013	m ü.M.
Monats-Amplitude Jahr		0.23 2013	0.26 2013	0.22- 2013	0.24 2013	0.34 2013	0.27 2013	0.53 2014	0.51 2014	0.38 2012	0.87+ 2012	0.27 2013	0.28 2012	m
Periode		Mittel: 11.64	Spitze: 12.68 (09.10.2012)				Minimum: 10.65 (01.06.2013)				Amplitude: 2.03			



Grundwasserstände



Orpheus Mini

Nr. 1164 Zug - Industriestrasse / Göblistrasse

Koordinaten: 682'004 / 225'936

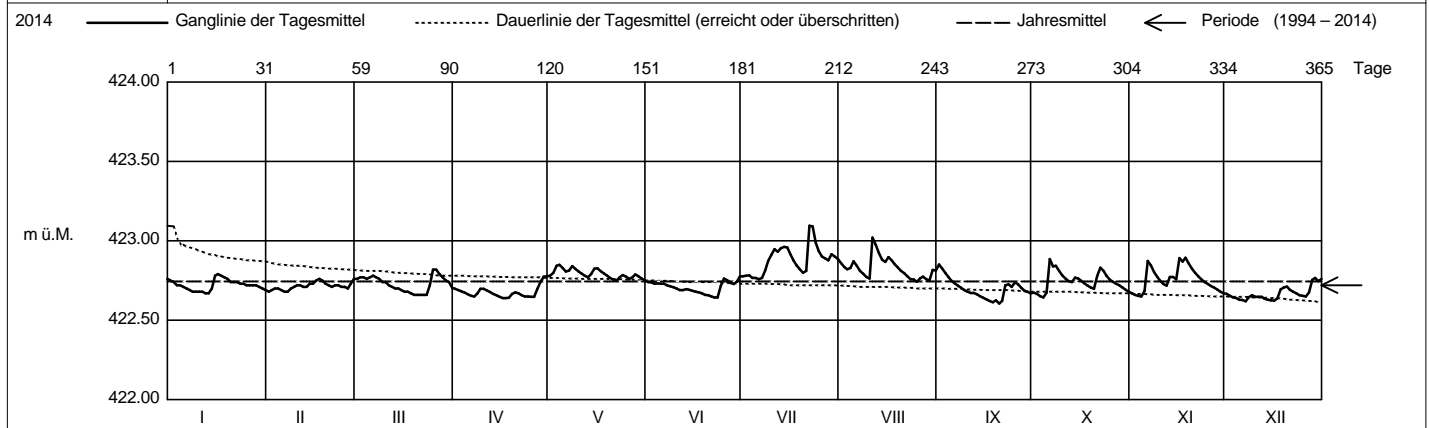
Abstichpunkt: 426.16 m ü.M. OK Terrain: 424.98 m ü.M.

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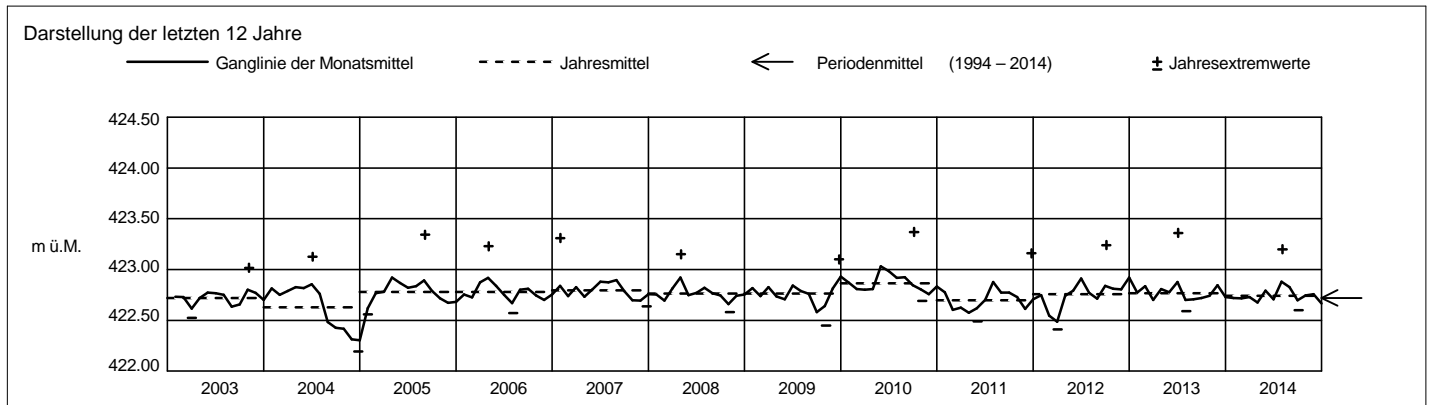
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	422.76	422.68-	422.76	422.70	422.78	422.74	422.78	422.86	422.85+	422.67	422.67	422.67	1
	2	422.74	422.69	422.77	422.69	422.80	422.74	422.78	422.84	422.83	422.67	422.66	422.65	2
	3	422.72	422.70	422.77	422.68	422.84	422.73	422.78	422.82	422.80	422.65	422.65	422.64	3
	4	422.72	422.70	422.76	422.67	422.85+	422.73	422.77	422.83	422.77	422.64-	422.65-	422.64	4
	5	422.71	422.69	422.77	422.66	422.83	422.73	422.77	422.87	422.75	422.67	422.68	422.63	5
	6	422.70	422.68-	422.78	422.65	422.81	422.73	422.76-	422.84	422.73	422.89+	422.87	422.63	6
	7	422.69	422.68-	422.77	422.65	422.81	422.72	422.77	422.81	422.72	422.84	422.85	422.62-	7
	8	422.68	422.70	422.76	422.67	422.84	422.71	422.81	422.79	422.71	422.84	422.80	422.65	8
	9	422.68	422.71	422.74	422.70	422.82	422.71	422.87	422.77	422.69	422.81	422.77	422.66	9
	10	422.68	422.72	422.74	422.70	422.81	422.70	422.91	422.76	422.68	422.78	422.75	422.65	10
m ü.M.	11	422.68	422.72	422.72	422.69	422.79	422.69	422.95	423.02+	422.67	422.76	422.73	422.65	11
	12	422.67-	422.71	422.71	422.68	422.78	422.69	422.92	422.98	422.67	422.75	422.72	422.65	12
	13	422.67-	422.71	422.70	422.67	422.77	422.70	422.96	422.92	422.66	422.74	422.77	422.64	13
	14	422.70	422.73	422.70	422.66	422.79	422.69	422.96	422.88	422.65	422.77	422.77	422.63	14
	15	422.78	422.73	422.69	422.65	422.82	422.69	422.96	422.87	422.64	422.76	422.76	422.63	15
	16	422.79+	422.75	422.68	422.64-	422.83	422.68	422.91	422.90	422.63	422.75	422.89+	422.62-	16
	17	422.78	422.76+	422.68	422.64-	422.81	422.68	422.88	422.88	422.62	422.73	422.87	422.64	17
	18	422.77	422.75	422.67	422.64-	422.80	422.67	422.85	422.85	422.61-	422.72	422.89+	422.69	18
	19	422.76	422.73	422.66-	422.67	422.78	422.66	422.82	422.83	422.63	422.71	422.86	422.71	19
	20	422.74	422.72	422.66-	422.68	422.77	422.66	422.80	422.81	422.61-	422.70	422.83	422.71	20
+ Maximum	21	422.74	422.71	422.66-	422.67	422.76	422.65	422.81	422.80	422.62	422.78	422.80	422.69	21
	22	422.74	422.72	422.66-	422.66	422.75-	422.64-	423.10+	422.78	422.72	422.83	422.78	422.68	22
	23	422.73	422.72	422.66-	422.65	422.77	422.64-	423.09	422.76	422.73	422.81	422.76	422.67	23
	24	422.73	422.71	422.72	422.65	422.79	422.72	422.99	422.76	422.71	422.78	422.74	422.66	24
	25	422.72	422.71	422.82+	422.65	422.77	422.76	422.94	422.74-	422.74	422.76	422.73	422.65	25
	26	422.72	422.70	422.82+	422.65	422.76	422.75	422.90	422.76	422.73	422.74	422.72	422.65	26
	27	422.72	422.73	422.79	422.70	422.77	422.74	422.89	422.78	422.71	422.73	422.71	422.68	27
	28	422.72	422.76+	422.77	422.74	422.79	422.73	422.88	422.76	422.69	422.72	422.69	422.75	28
	29	422.71		422.75	422.77	422.78	422.74	422.92	422.75	422.68	422.71	422.68	422.77+	29
	30	422.70		422.74	422.78+	422.76	422.78+	422.90	422.82	422.67	422.69	422.67	422.75	30
31	422.69		422.71	422.75-	422.75-		422.89	422.81	422.68	422.68		422.76	31	
Monatsumme	422.72	422.72	422.73	422.68	422.79	422.71	422.88+	422.83	422.70	422.74	422.76	422.67-	m ü.M.	
Spitze Datum	422.79 16.	422.68- 1.	422.71 1.	422.78 29.	422.86 4.	422.78 30.	423.20+ 22.	423.09 11.	422.86 1.	422.91 6.	422.91 16.	422.77 28.	m ü.M.	
Amplitude	0.12	-0.08-	0.01	0.15	0.12	0.14	0.45+	0.35	0.26	0.28	0.27	0.15	m	

Jahr Mittel: 422.74 Spitze: 423.20 (22.07.2014) Minimum: 422.60 (20.09.2014) Amplitude: 0.60



Periode		1994 - 2014 (21 Jahre)												
Monatsumme		422.71	422.68-	422.71	422.75	422.77	422.79+	422.76	422.72	422.71	422.68-	422.68-	422.69	m ü.M.
Monats-Spitze Jahr		423.31 2007	422.99- 1999	423.02 2006	423.23 2006	423.33 2010	423.36 2013	423.20 2014	423.34 2005	423.37+ 2010	423.20 2012	423.19 2012	423.26 1997	m ü.M.
Monats-Minimum Jahr		422.34 2001	422.30 2001	422.41 2012	422.40 2002	422.44 2000	422.47+ 1998	422.39 1999	422.32 1999	422.27 2004	422.28 2004	422.23 2004	422.19- 2004	m ü.M.
Monats-Amplitude Jahr		0.63 2007	0.40- 1996	0.52 2001	0.48 2012	0.57 1994	0.60 2013	0.45 2014	0.59 2005	0.64 2010	0.52 1999	0.51 2012	0.85+ 1997	m
Periode		Mittel: 422.72		Spitze: 423.37 (25.09.2010)			Minimum: 422.19 (12.12.2004)			Amplitude: 1.18				



Grundwasserstände



Orpheus Mini

Nr. 1171 Baar - Wiesental

Koordinaten: 681'801 / 228'065

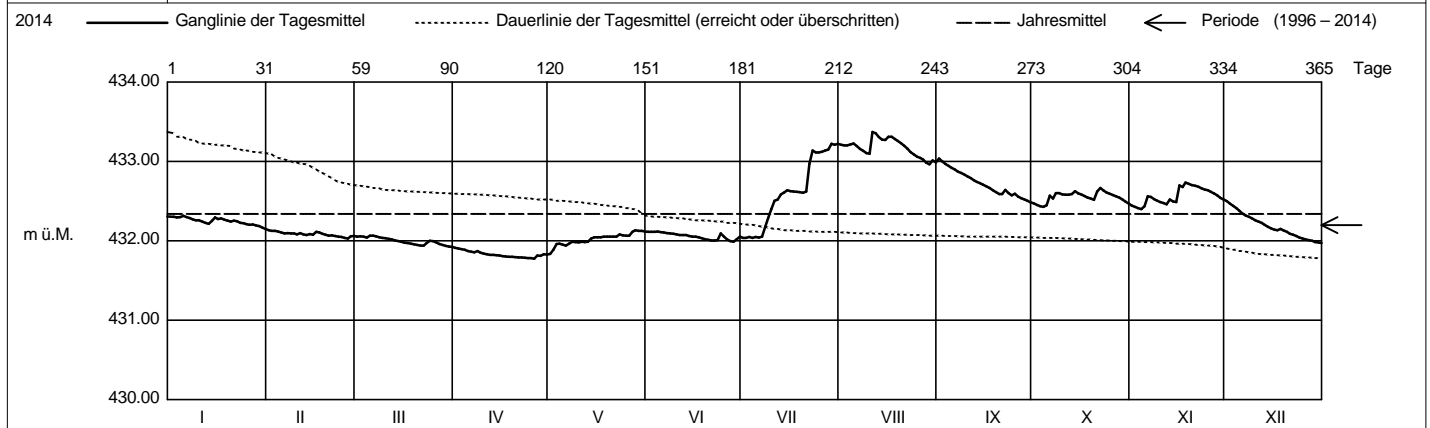
Abstichpunkt: 436.235 m ü.M. OK Terrain: 435.42 m ü.M.

KANTON ZUG

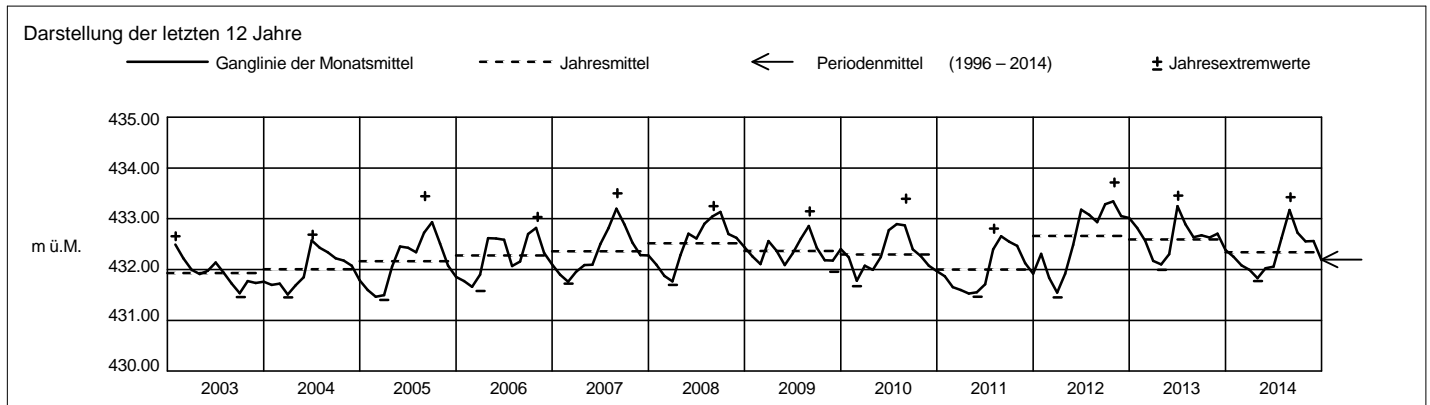
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tagesmittel	1	432.31	432.13+	432.05	431.91+	431.84-	432.12+	432.04-	433.21	433.04+	432.47	432.45	432.50+	1		
	2	432.30	432.13+	432.06	431.91+	431.89	432.12+	432.04-	433.20	433.00	432.45	432.43	432.47	2		
	3	432.30	432.13+	432.05	431.90	431.96	432.11	432.05	433.20	432.97	432.44	432.41	432.44	3		
	4	432.30	432.12	432.04	431.89	431.96	432.12+	432.04-	433.21	432.94	432.43-	432.40-	432.41	4		
	5	432.32+	432.11	432.06	431.87	431.95	432.11	432.05	433.23	432.92	432.45	432.44	432.38	5		
	6	432.30	432.10	432.07+	431.87	431.94	432.10	432.04-	433.20	432.90	432.57	432.56	432.35	6		
	7	432.29	432.10	432.06	431.86	431.96	432.10	432.06	433.16	432.87	432.53	432.55	432.32	7		
	8	432.27	432.09	432.05	431.87	431.99	432.10	432.18	433.13	432.86	432.60	432.53	432.30	8		
	9	432.26	432.10	432.04	431.85	431.98	432.09	432.29	433.11	432.84	432.60	432.51	432.28	9		
	10	432.26	432.08	432.03	431.84	431.98	432.08	432.40	433.10	432.81	432.59	432.49	432.26	10		
	m ü.M.	11	432.24	432.10	432.03	431.83	431.99	432.08	432.50	433.37+	432.79	432.58	432.48	432.24	11	
		12	432.23	432.08	432.02	431.83	431.98	432.07	432.52	433.36	432.77	432.58	432.46	432.23	12	
		13	432.22	432.08	432.00	431.82	431.99	432.07	432.58	433.31	432.74	432.59	432.52	432.20	13	
		14	432.25	432.09	432.00	431.82	432.03	432.06	432.61	433.28	432.73	432.63	432.50	432.18	14	
		15	432.30	432.08	431.99	431.82	432.04	432.06	432.64	433.27	432.71	432.60	432.49	432.16	15	
		16	432.28	432.11	431.98	431.81	432.05	432.05	432.63	433.31	432.69	432.59	432.70	432.14	16	
		17	432.28	432.10	431.97	431.80	432.04	432.04	432.62	433.31	432.67	432.57	432.68	432.14	17	
		18	432.27	432.09	431.96	431.80	432.05	432.03	432.62	433.28	432.64	432.55	432.74+	432.15	18	
		19	432.26	432.08	431.96	431.80	432.06	432.02	432.62	433.26	432.61	432.53	432.72	432.13	19	
		20	432.24	432.07	431.95	431.79	432.06	432.01	432.60	433.23	432.59	432.52	432.70	432.11	20	
		+ Maximum	21	432.26	432.07	431.94	431.79	432.06	432.01	432.62	433.20	432.59	432.62	432.69	432.09	21
	22		432.25	432.06	431.94	431.79	432.05	432.00	432.97	433.16	432.64	432.67+	432.68	432.08	22	
	23		432.23	432.06	431.97	431.79	432.08	432.01	433.14	433.12	432.60	432.63	432.66	432.06	23	
	24		432.22	432.05	432.00	431.79	432.07	432.10	433.12	433.09	432.58	432.61	432.65	432.04	24	
	25		432.21	432.04	432.00	431.78-	432.07	432.06	433.11	433.06	432.59	432.59	432.64	432.03	25	
	- Minimum		26	432.20	432.03-	431.98	431.78-	432.07	432.02	433.12	433.05	432.56	432.58	432.62	432.02	26
			27	432.21	432.06	431.96	431.82	432.12	432.00	433.14	433.03	432.54	432.56	432.60	432.01	27
			28	432.20	432.06	431.95	431.81	432.13+	431.99-	433.15	432.99	432.52	432.55	432.57	432.00	28
			29	432.19		431.94	431.83	432.13+	432.02	433.23+	432.96-	432.50	432.52	432.54	431.99	29
			30	432.17		431.93-	431.83	432.12	432.05	433.21	433.01	432.48-	432.49	432.52	431.98	30
			31	432.15-		431.93-		432.12		433.22	432.99		432.47		431.97-	31
Monatsumme	432.25	432.08	432.00	431.83-	432.02	432.06	432.62	433.17+	432.72	432.55	432.56	432.18	m ü.M.			
Spitze Datum	5.	1.	2.	1.	27.	3.	29.	11.	1.	22.	18.	1.	m ü.M.			
Amplitude	0.18	0.12-	0.14	0.14	0.31	0.14	1.21+	0.48	0.58	0.26	0.36	0.55	m			

Jahr Mittel: 432.34 Spitze: 433.43 (11.08.2014) Minimum: 431.78 (25.04.2014) Amplitude: 1.65



Periode		1996 - 2014 (19 Jahre)												
Monatsumme		431.98	431.76-	431.82	431.94	432.10	432.35	432.44	432.53+	432.52	432.45	432.31	432.15	m ü.M.
Monats-Spitze Jahr		433.19 2013	432.70- 2013	432.82 2001	433.28 2001	433.73+ 1999	433.52 2012	433.37 2010	433.50 2007	433.44 2012	433.72 2012	433.25 2002	433.26 2012	m ü.M.
Monats-Minimum Jahr		430.74 1996	430.44 1996	430.36- 1996	430.69 1996	430.88 1996	431.23 1998	431.40 1998	431.37 1998	431.43 1998	431.46+ 2003	431.14 1997	431.08 1997	m ü.M.
Monats-Amplitude Jahr		0.67 2013	0.98 1999	1.04 2001	1.14 2008	1.58+ 1999	0.91 2012	1.21 2014	1.24 2005	0.74 2001	0.65 2012	0.48- 1998	0.65 2011	m
Periode		Mittel: 432.20 Spitze: 433.73 (17.05.1999) Minimum: 430.36 (08.03.1996) Amplitude: 3.37												



Grundwasserstände



Orpheus Mini

Nr. 1240 Baar - Neuhof

Koordinaten: 681'340 / 226'572

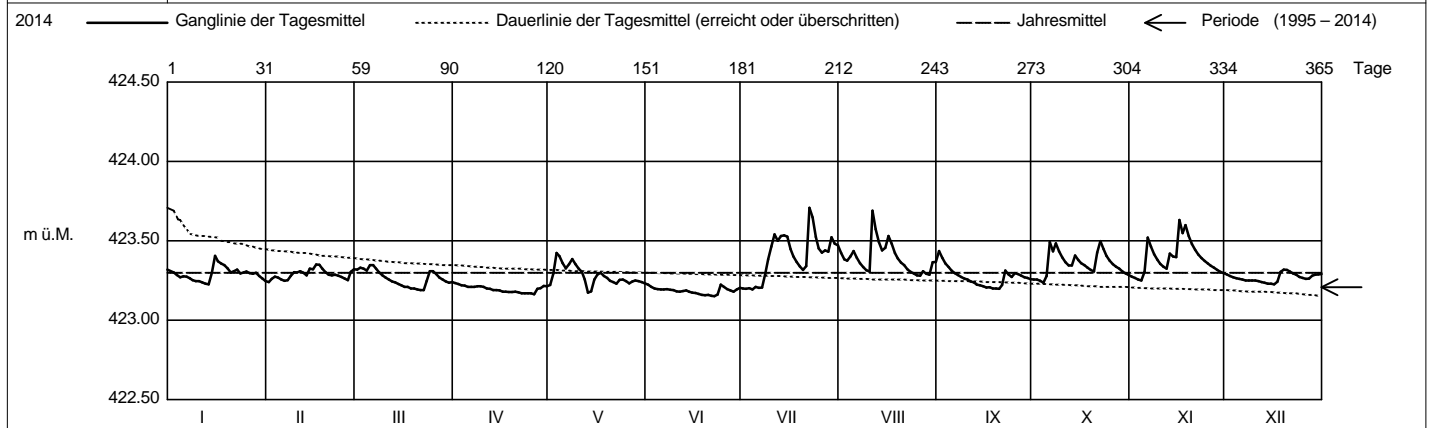
Abstichpunkt: 426.10 m ü.M. OK Terrain: 424.75 m ü.M.

KANTON ZUG

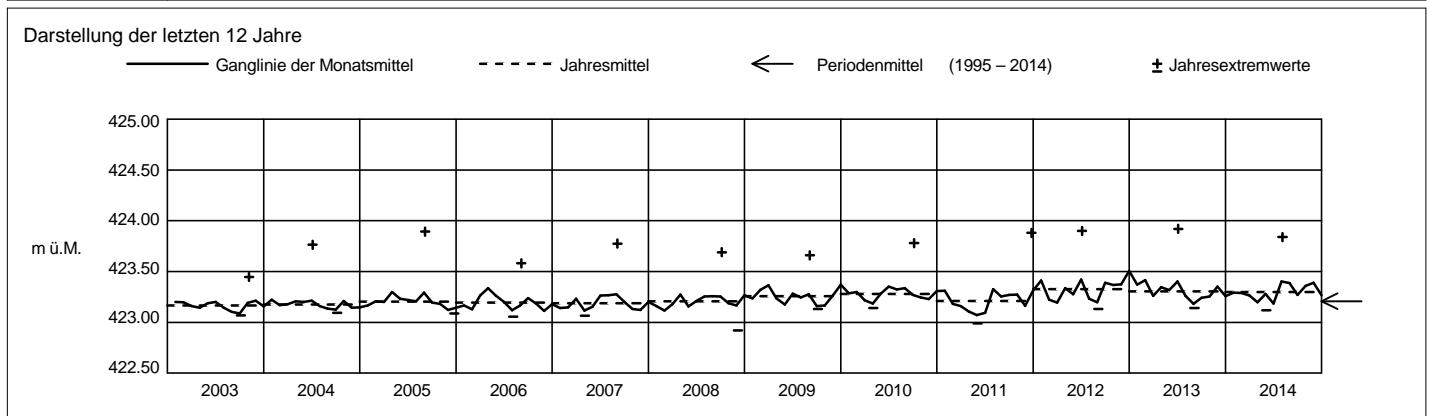
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	423.32	423.24-	423.32	423.24+	423.22	423.23+	423.20	423.42	423.44+	423.26	423.28	423.29	1	
	2	423.30	423.26	423.33	423.23	423.29	423.21	423.20	423.38	423.39	423.26	423.27	423.28	2	
	3	423.28	423.28	423.33	423.22	423.42+	423.20	423.20	423.38	423.36	423.25	423.26	423.27	3	
	4	423.27	423.27	423.31	423.22	423.40	423.20	423.19-	423.40	423.33	423.24-	423.25-	423.27	4	
	5	423.28	423.26	423.35+	423.21	423.36	423.19	423.21	423.44	423.31	423.28	423.30	423.26	5	
	6	423.28	423.25	423.35+	423.21	423.33	423.19	423.21	423.39	423.30	423.49	423.52	423.26	6	
	7	423.26	423.25	423.33	423.21	423.35	423.20	423.21	423.36	423.29	423.43	423.47	423.25	7	
	8	423.25	423.28	423.30	423.22	423.39	423.19	423.29	423.34	423.27	423.48	423.42	423.25	8	
	9	423.25	423.30	423.28	423.21	423.35	423.19	423.38	423.31	423.26	423.43	423.38	423.25	9	
	10	423.25	423.30	423.27	423.21	423.33	423.18	423.47	423.31	423.26	423.40	423.36	423.25	10	
m ü.M.	11	423.24	423.31	423.26	423.20	423.31	423.18	423.54	423.69+	423.25	423.37	423.34	423.25	11	
	12	423.23-	423.30	423.25	423.20	423.26	423.18	423.50	423.57	423.24	423.35	423.55	423.24	12	
	13	423.23-	423.28	423.24	423.19	423.17-	423.19	423.53	423.49	423.22	423.35	423.42	423.24	13	
	14	423.30	423.32	423.23	423.19	423.18	423.18	423.54	423.44	423.22	423.41	423.40	423.23-	14	
	15	423.41+	423.32	423.22	423.19	423.26	423.17	423.53	423.46	423.21	423.38	423.40	423.23-	15	
	16	423.37	423.35+	423.21	423.18	423.29	423.17	423.45	423.53	423.21	423.36	423.63+	423.23-	16	
	17	423.36	423.35+	423.21	423.18	423.30	423.17	423.40	423.48	423.21	423.35	423.55	423.24	17	
	18	423.35	423.33	423.20	423.18	423.28	423.16	423.37	423.42	423.20-	423.33	423.60	423.30	18	
	19	423.33	423.30	423.20	423.18	423.27	423.16	423.34	423.39	423.20-	423.32	423.53	423.32+	19	
	20	423.30	423.29	423.19-	423.18	423.25	423.16	423.32	423.36	423.20-	423.31	423.48	423.32+	20	
	+ Maximum	21	423.31	423.28	423.19-	423.18	423.24	423.15-	423.34	423.35	423.22	423.43	423.44	423.31	21
22		423.32	423.29	423.19-	423.17	423.23	423.15-	423.71+	423.32	423.31	423.50+	423.41	423.30	22	
23		423.30	423.28	423.25	423.17	423.25	423.16	423.65	423.31	423.29	423.45	423.39	423.29	23	
24		423.30	423.27	423.31	423.17	423.26	423.22	423.52	423.29	423.27	423.41	423.37	423.27	24	
25		423.31	423.26	423.31	423.17	423.25	423.21	423.45	423.28-	423.30	423.38	423.36	423.27	25	
- Minimum		26	423.30	423.25	423.29	423.16-	423.23	423.20	423.43	423.28-	423.29	423.35	423.34	423.26	26
		27	423.29	423.31	423.27	423.20	423.25	423.19	423.44	423.31	423.28	423.34	423.33	423.26	27
		28	423.30	423.32	423.26	423.20	423.25	423.18	423.43	423.29	423.27	423.32	423.32	423.28	28
		29	423.28		423.24	423.22	423.25	423.19	423.52	423.29	423.27	423.31	423.31	423.29	29
		30	423.26		423.24	423.22	423.24	423.21	423.48	423.37	423.26	423.30	423.30	423.29	30
		31	423.25		423.24	423.22	423.23		423.47	423.37		423.29		423.29	31
Monatsmittel	423.29	423.29	423.26	423.20	423.28	423.19-	423.40+	423.39	423.27	423.36	423.39	423.27	m ü.M.		
Spitze Datum	423.41 15.	423.36 16.	423.35 5.	423.24- 1.	423.45 3.	423.24- 24.	423.84+ 22.	423.78 11.	423.45 1.	423.54 5.	423.67 16.	423.32 18.	m ü.M.		
Amplitude	0.19	0.12	0.17	0.08-	0.33	0.09	0.65+	0.51	0.26	0.31	0.42	0.10	m		

Jahr Mittel: 423.30 Spitze: 423.84 (22.07.2014) Minimum: 423.12 (13.05.2014) Amplitude: 0.72



Periode 1995 - 2014 (20 Jahre)													
Monatsmittel	423.22	423.21	423.20-	423.20-	423.20-	423.22	423.21	423.20-	423.20-	423.20-	423.20-	423.23+	m ü.M.
Monats-Spitze Jahr	423.73 2012	423.66 2013	423.59- 2009	423.73 2012	423.84 2013	423.92+ 2013	423.84 2014	423.89 2005	423.82 2012	423.80 2010	423.67 2014	423.88 2011	m ü.M.
Monats-Minimum Jahr	423.05 1996	423.06+ 1996	423.04 1996	423.02 1996	422.99 2011	423.04 2011	423.06+ 2006	423.05 1997	423.05 1996	422.70- 1996	422.70- 1996	423.05 1995	m ü.M.
Monats-Amplitude Jahr	0.47 1995	0.39- 1999	0.42 2001	0.56 2012	0.61 2013	0.67 2012	0.65 2014	0.73 2005	0.60 2010	0.67 1996	0.65 1996	0.76+ 2011	m
Periode	Mittel: 423.21		Spitze: 423.92 (01.06.2013)		Minimum: 422.70 (01.10.1996)		Amplitude: 1.22						



Grundwasserstände



Orpheus Mini

Nr. 1301 Baar - Schönbühlwald

Koordinaten: 682'223.88 / 229'520.99

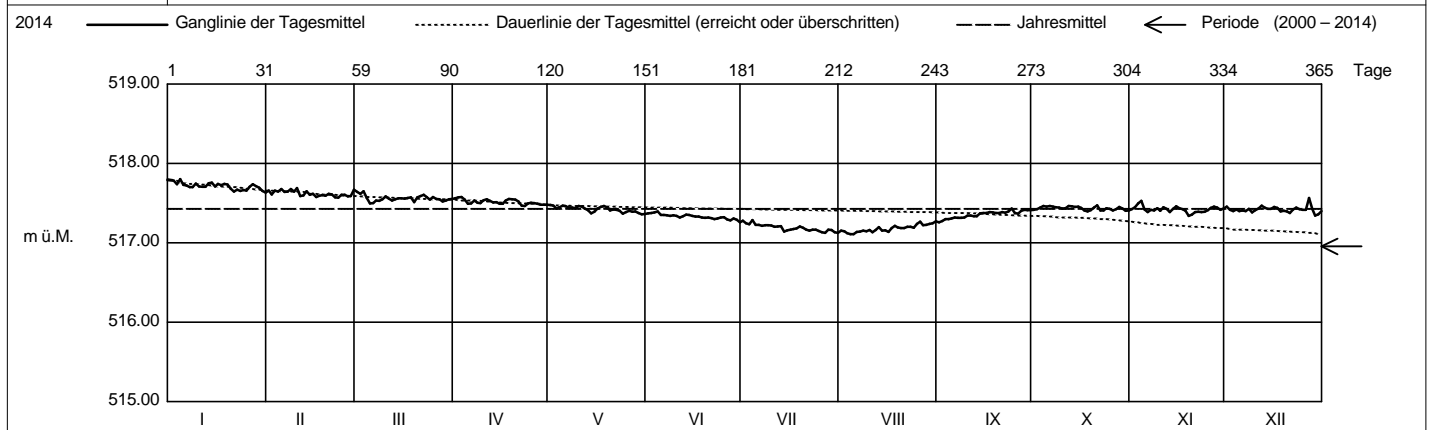
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KANTON ZUG

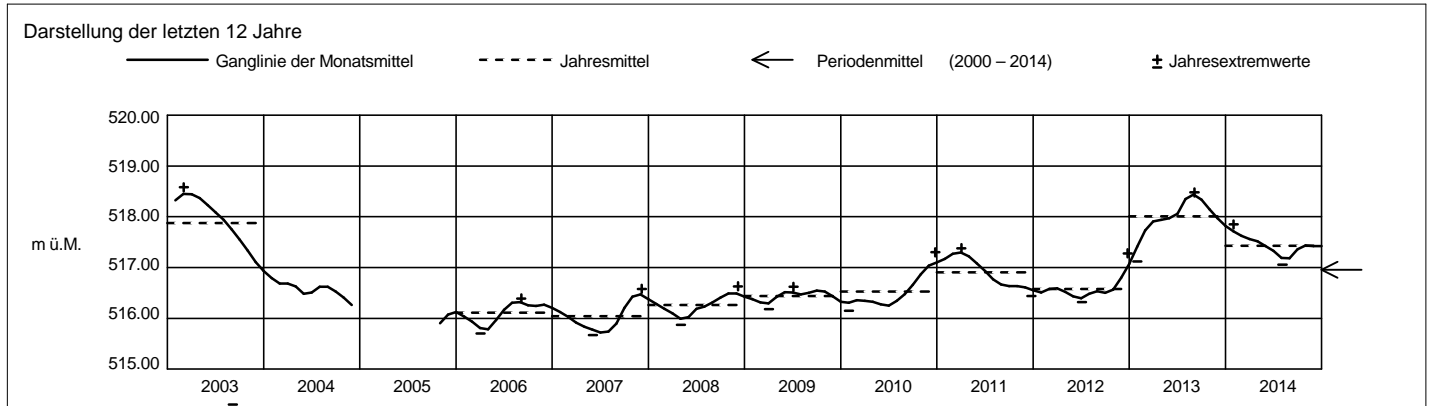
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	517.79	517.66	517.64	517.56	517.48+	517.37	517.28	517.15	517.26-	517.42	517.42	517.46	1
	2	517.78	517.61	517.62	517.57	517.47	517.38	517.25	517.15	517.27	517.42	517.45	517.42	2
	3	517.74	517.66	517.65+	517.58+	517.43	517.38	517.24	517.12	517.30	517.40	517.50	517.40	3
	4	517.81+	517.65	517.57	517.55	517.45	517.40+	517.29+	517.11-	517.30	517.46	517.53+	517.42	4
	5	517.73	517.68	517.50-	517.50	517.47	517.35	517.23	517.11-	517.31	517.46	517.42	517.40	5
	6	517.72	517.64	517.50-	517.50	517.46	517.35	517.23	517.14	517.32	517.46	517.39	517.41	6
	7	517.70	517.65	517.53	517.53	517.45	517.35	517.21	517.14	517.32	517.46	517.42	517.40	7
	8	517.70	517.68	517.53	517.51	517.45	517.34	517.22	517.16	517.31	517.45	517.41	517.43	8
	9	517.75	517.65	517.55	517.50	517.44	517.35	517.22	517.15	517.32	517.44	517.44	517.38	9
	10	517.71	517.69+	517.59	517.54	517.47	517.34	517.22	517.16	517.34	517.43	517.41	517.41	10
m ü.M.	11	517.71	517.59	517.56	517.55	517.46	517.32	517.20	517.13	517.34	517.44	517.45	517.43	11
	12	517.71	517.60	517.53	517.53	517.43	517.33	517.21	517.16	517.34	517.47+	517.43	517.47	12
	13	517.75	517.65	517.55	517.51	517.41	517.36	517.21	517.20	517.34	517.46	517.39	517.45	13
	14	517.76	517.61	517.56	517.51	517.37	517.35	517.14	517.16	517.37	517.45	517.43	517.43	14
	15	517.71	517.62	517.56	517.49	517.39	517.34	517.16	517.16	517.38	517.46	517.46	517.43	15
	16	517.74	517.58	517.56	517.49	517.43	517.33	517.17	517.14	517.38	517.44	517.44	517.45	16
	17	517.73	517.59	517.56	517.53	517.45	517.33	517.18	517.19	517.39	517.41	517.42	517.44	17
	18	517.74	517.60	517.58	517.55	517.47	517.32	517.18	517.21	517.39	517.40-	517.40	517.40	18
	19	517.74	517.59	517.51	517.55	517.45	517.32	517.21	517.19	517.38	517.41	517.34-	517.40	19
	20	517.68	517.62	517.58	517.55	517.41	517.32	517.19	517.19	517.37	517.45	517.36	517.40	20
	+ Maximum	21	517.65	517.61	517.59	517.52	517.42	517.31	517.16	517.19	517.39	517.47+	517.39	517.38
22		517.67	517.57-	517.61	517.47	517.42	517.30	517.15	517.20	517.38	517.41	517.39	517.42	22
23		517.65	517.57-	517.58	517.46-	517.41	517.31	517.17	517.20	517.40	517.41	517.39	517.44	23
24		517.66	517.60	517.55	517.50	517.37	517.32	517.17	517.19	517.43+	517.44	517.39	517.43	24
25		517.66	517.61	517.58	517.51	517.39	517.32	517.15	517.24	517.38	517.43	517.41	517.42	25
26		517.71	517.58	517.55	517.50	517.40	517.30	517.13-	517.27+	517.37	517.41	517.44	517.42	26
27		517.74	517.59	517.55	517.49	517.39	517.28	517.13-	517.22	517.40	517.42	517.46	517.57+	27
28		517.72	517.67	517.52	517.48	517.40	517.31	517.17	517.23	517.41	517.45	517.44	517.43	28
29		517.70		517.53	517.48	517.38	517.29	517.16	517.24	517.41	517.43	517.41	517.34-	29
30		517.65		517.55	517.48	517.36-	517.26-	517.14	517.25	517.41	517.40-	517.43	517.36	30
31		517.63-		517.55		517.36-		517.13-	517.27+		517.41		517.40	31
Monatsumme	517.71+	517.62	517.56	517.52	517.42	517.33	517.19	517.18-	517.36	517.44	517.42	517.42	m ü.M.	
Spitze Datum	517.85+ 4.	517.74 10.	517.69 3.	517.59 2.	517.49 1.	517.41 4.	517.32 4.	517.30- 25.	517.45 24.	517.53 21.	517.56 3.	517.61 27.	m ü.M.	
Amplitude	0.23	0.19	0.21	0.14-	0.14-	0.16	0.26	0.24	0.24	0.19	0.25	0.30+	m	

Jahr Mittel: 517.43 Spitze: 517.85 (04.01.2014) Minimum: 517.06 (31.07.2014) Amplitude: 0.79



Periode 2000 - 2014 (15 Jahre)													
Monatsumme	516.96	516.97	516.95	516.93	516.92-	516.93	516.95	516.97	516.98	516.95	516.95	516.99+	m ü.M.
Monats-Spitze Jahr	518.54 2003	518.58+ 2003	518.52 2003	518.50 2003	518.33 2003	518.22- 2013	518.47 2013	518.48 2013	518.43 2013	518.28 2013	518.31 2001	518.29 2002	m ü.M.
Monats-Minimum Jahr	515.95 2006	515.84 2006	515.70 2006	515.70 2006	515.67 2007	515.68 2007	515.67 2007	514.30- 2003	516.02 2007	515.78 2005	515.96 2005	516.03+ 2005	m ü.M.
Monats-Amplitude Jahr	0.50 2013	0.30 2013	0.55 2004	0.63 2004	0.43 2004	0.30 2013	0.27- 2013	3.55+ 2003	0.37 2007	0.30 2010	0.41 2012	0.47 2002	m
Periode	Mittel: 516.96		Spitze: 518.58 (03.02.2003)			Minimum: 514.30 (10.08.2003)			Amplitude: 4.28				



Grundwasserstände

Nr. 1303 Baar - Schönbühlwald

KANTON ZUG



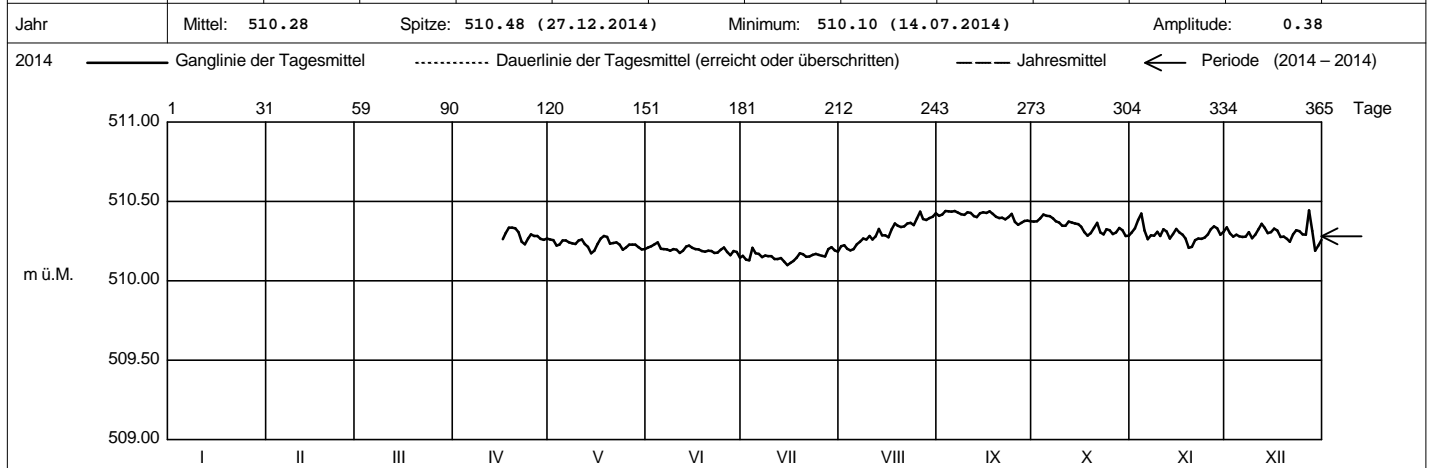
Orphimedes

Koordinaten: 681'963.66 / 229'498.05

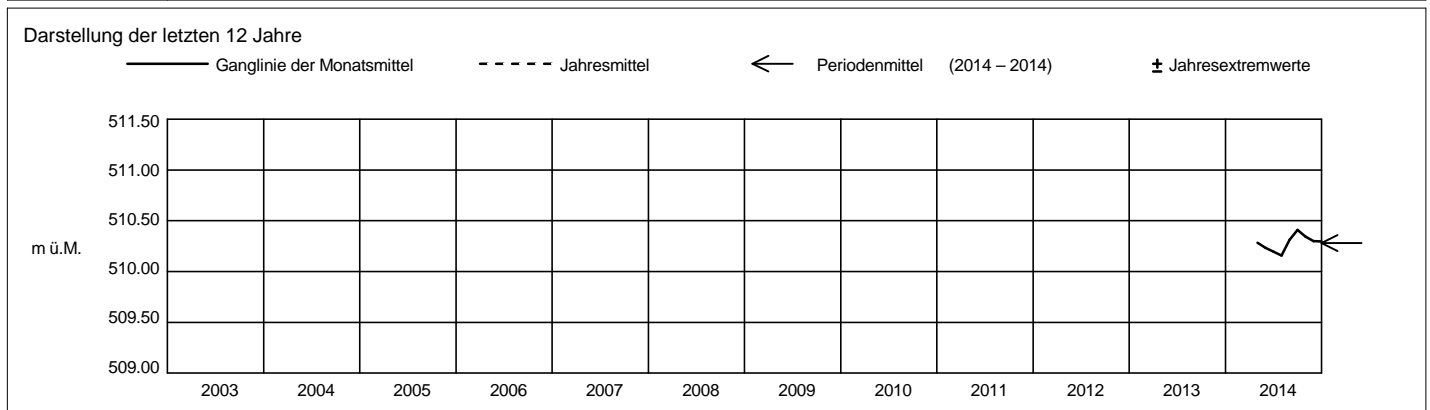
Amt für Umweltschutz

Abstichpunkt: 549.395 m ü.M. OK Terrain: 549.55 m ü.M.

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1					510.26	510.21	510.16	510.22	510.41	510.37	510.31	510.34	1	
	2					510.26	510.22	510.13	510.22	510.42	510.38	510.33	510.30	2	
	3					510.22	510.23	510.13	510.20	510.44+	510.39	510.38	510.28	3	
	4					510.23	510.24+	510.21+	510.19-	510.44+	510.42+	510.43+	510.29	4	
	5					510.26	510.20	510.17	510.20	510.44+	510.41	510.32	510.28	5	
	6					510.25	510.20	510.17	510.23	510.44+	510.41	510.26	510.28	6	
	7					510.24	510.20	510.15	510.25	510.43	510.39	510.29	510.28	7	
	8					510.24	510.19	510.16	510.27	510.42	510.38	510.29	510.31	8	
	9					510.23	510.20	510.16	510.26	510.42	510.37	510.31	510.27	9	
	10					510.26	510.20	510.16	510.28	510.43	510.35	510.28	510.29	10	
m ü.M.	11					510.26	510.18	510.14	510.26	510.43	510.35	510.33	510.33	11	
	12					510.23	510.19	510.14	510.28	510.41	510.31	510.31	510.36	12	
	13					510.22	510.22	510.14	510.33	510.40	510.37	510.27	510.34	13	
	14					510.17-	510.22	510.12	510.29	510.43	510.36	510.30	510.30	14	
	15					510.19	510.21	510.10-	510.29	510.43	510.36	510.33	510.31	15	
	16				510.26	510.23	510.20	510.11	510.28	510.43	510.34	510.31	510.33	16	
	17				510.30	510.27	510.20	510.13	510.33	510.44+	510.31	510.29	510.32	17	
	18				510.34	510.28+	510.19	510.15	510.36	510.42	510.29	510.27	510.28	18	
	19				510.34	510.28+	510.18	510.17	510.35	510.40	510.30	510.21-	510.28	19	
	20				510.33	510.24	510.19	510.17	510.34	510.40	510.33	510.21-	510.26	20	
	+ Maximum	21				510.31	510.24	510.19	510.15	510.34	510.40	510.37	510.26	510.25	21
22					510.25	510.24	510.18	510.15	510.36	510.39	510.31	510.27	510.29	22	
23					510.23	510.23	510.18	510.16	510.37	510.40	510.29	510.27	510.32	23	
24					510.27	510.20	510.20	510.17	510.35	510.42	510.33	510.27	510.31	24	
25					510.29	510.21	510.21	510.16	510.39	510.37	510.32	510.29	510.29	25	
- Minimum		26				510.28	510.23	510.18	510.16	510.44+	510.35-	510.30	510.33	510.29	26
		27				510.28	510.23	510.16	510.15	510.39	510.37	510.31	510.34	510.44+	27
		28				510.27	510.23	510.19	510.20	510.38	510.38	510.33	510.33	510.32	28
		29				510.26	510.21	510.18	510.21+	510.40	510.38	510.32	510.29	510.19-	29
		30				510.27	510.20	510.15-	510.19	510.40	510.38	510.28-	510.31	510.22	30
		31				510.27	510.20	510.18	510.18	510.43	510.38	510.29	510.31	510.26	31
Monatsumme					510.23	510.20	510.16-	510.31	510.41	510.34	510.30	510.30	m ü.M.		
Spitze Datum					510.30 18.	510.26 4.	510.24- 4.	510.46 26.	510.46 6.	510.43 4.	510.45 4.	510.48 27.	m ü.M.		
Amplitude					0.13	0.12	0.14	0.27	0.11	0.15	0.25	0.30+	m		
Jahr	Mittel: 510.28		Spitze: 510.48 (27.12.2014)				Minimum: 510.10 (14.07.2014)				Amplitude: 0.38				



Periode 2014 - 2014 (1 Jahr)													
Monatsumme				510.28	510.23	510.20	510.16-	510.31	510.41	510.34	510.30	510.30	m ü.M.
Monats-Spitze Jahr				510.35 2014	510.30 2014	510.26 2014	510.24- 2014	510.46 2014	510.46 2014	510.43 2014	510.45 2014	510.48 2014	m ü.M.
Monats-Minimum Jahr				510.22 2014	510.17 2014	510.14 2014	510.10- 2014	510.19 2014	510.35 2014	510.28 2014	510.20 2014	510.18 2014	m ü.M.
Monats-Amplitude Jahr				0.13 2014	0.13 2014	0.12 2014	0.14 2014	0.27 2014	0.11- 2014	0.15 2014	0.25 2014	0.30 2014	m
Periode	Mittel: 510.28		Spitze: 510.48 (27.12.2014)				Minimum: 510.10 (14.07.2014)				Amplitude: 0.38		



Grundwasserstände



Orpheus Mini

Nr. 2010 Menzingen - Winzwilen - Süd

Koordinaten: 688'297 / 226'605

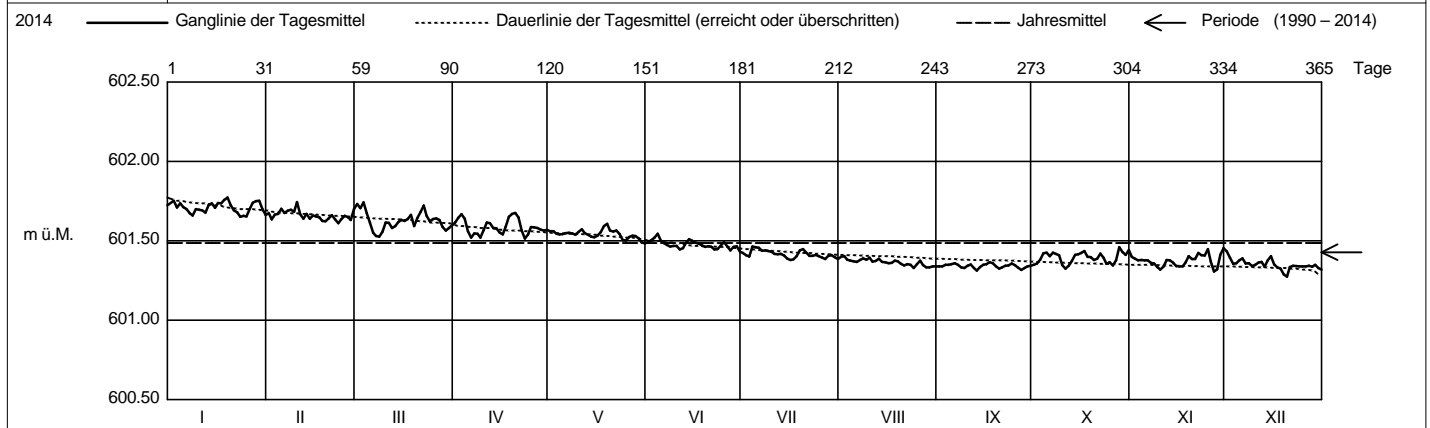
Abstichpunkt: 687.34 m ü.M. OK Terrain: 687.53 m ü.M.

KANTON ZUG

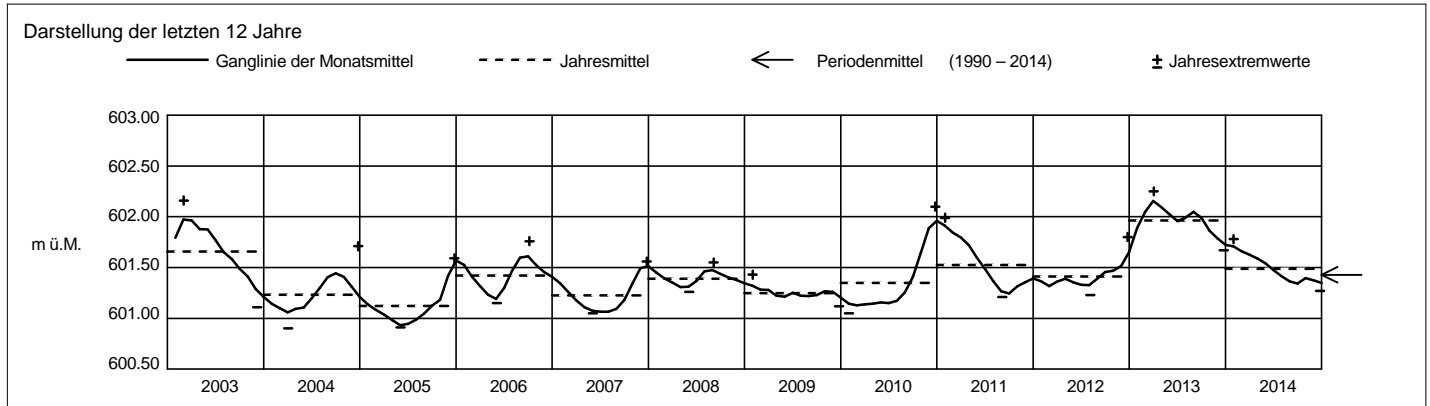
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	601.72	601.67	601.73	601.62	601.56	601.49	601.42	601.40+	601.34	601.35	601.40	601.43+	1
	2	601.75	601.64	601.71	601.65	601.56	601.50	601.41	601.40+	601.34	601.36	601.39	601.39	2
	3	601.71	601.67	601.74+	601.67	601.55	601.52	601.40	601.38	601.35	601.38	601.38	601.36	3
	4	601.74	601.67	601.67	601.64	601.54	601.55+	601.46+	601.38	601.35	601.42	601.38	601.36	4
	5	601.71	601.70	601.61	601.56	601.54	601.50	601.46+	601.37	601.35	601.43	601.38	601.38	5
	6	601.70	601.68	601.55	601.52-	601.55	601.49	601.46+	601.37	601.36	601.40	601.38	601.39	6
	7	601.67	601.69	601.53-	601.55	601.55	601.47	601.44	601.38	601.35	601.43	601.36	601.36	7
	8	601.66	601.70	601.53-	601.55	601.55	601.46	601.44	601.39	601.33	601.42	601.36	601.36	8
	9	601.70	601.69	601.56	601.52-	601.54	601.47	601.44	601.38	601.33	601.41	601.34	601.34	9
	10	601.70	601.74+	601.62	601.57	601.56	601.47	601.43	601.39	601.34	601.35	601.32	601.35	10
m ü.M.	11	601.69	601.67	601.61	601.62	601.57	601.45	601.42	601.37	601.35	601.33-	601.34	601.36	11
	12	601.68	601.64	601.58	601.61	601.55	601.46	601.42	601.37	601.33	601.34	601.38	601.37	12
	13	601.73	601.67	601.59	601.58	601.54	601.49	601.42	601.39	601.31-	601.37	601.38	601.34	13
	14	601.74	601.64	601.62	601.58	601.53	601.51	601.41	601.37	601.34	601.41	601.36	601.38	14
	15	601.71	601.66	601.63	601.55	601.52	601.50	601.39	601.37	601.35	601.42	601.34	601.40	15
	16	601.74	601.65	601.63	601.54	601.53	601.49	601.38-	601.36	601.35	601.42	601.34	601.35	16
	17	601.74	601.65	601.64	601.59	601.56	601.48	601.38-	601.36	601.37+	601.44	601.34	601.33	17
	18	601.76	601.63	601.66	601.65	601.59	601.47	601.40	601.38	601.36	601.40	601.36	601.32	18
	19	601.77+	601.62	601.59	601.67	601.61+	601.46	601.44	601.37	601.34	601.40	601.40	601.29	19
	20	601.72	601.64	601.64	601.68+	601.57	601.47	601.45	601.36	601.33	601.38	601.39	601.27-	20
+ Maximum	21	601.69	601.66	601.68	601.65	601.56	601.46	601.43	601.34	601.33	601.39	601.39	601.33	21
	22	601.68	601.64	601.72	601.57	601.57	601.45	601.41	601.35	601.34	601.42	601.42	601.34	22
	23	601.65-	601.61-	601.66	601.52-	601.54	601.45	601.41	601.35	601.34	601.39	601.41	601.34	23
	24	601.66	601.64	601.62	601.54	601.51	601.47	601.41	601.33-	601.36	601.36	601.41	601.34	24
	25	601.65-	601.66	601.64	601.59	601.50	601.49	601.40	601.35	601.35	601.37	601.45+	601.34	25
	26	601.70	601.65	601.64	601.59	601.53	601.47	601.40	601.38	601.33	601.34	601.37	601.34	26
	27	601.74	601.63	601.63	601.58	601.53	601.44	601.39	601.35	601.32	601.38	601.31-	601.34	27
	28	601.75	601.70	601.59	601.57	601.53	601.46	601.41	601.33-	601.33	601.46+	601.32	601.34	28
	29	601.75		601.56	601.56	601.52	601.47	601.41	601.33-	601.34	601.43	601.41	601.35	29
	30	601.70		601.58	601.57	601.49	601.43-	601.40	601.34	601.34	601.41	601.45+	601.33	30
31	601.66		601.60	601.57	601.48-		601.39	601.34	601.44		601.44	601.32	31	
Monatsumme		601.71+	601.66	601.63	601.59	601.54	601.48	601.42	601.37	601.34-	601.39	601.37	601.35	m ü.M.
Spitze Datum		601.78+ 2.	601.78+ 10.	601.75 3.	601.68 20.	601.61 18.	601.56 4.	601.49 4.	601.41 1.	601.37- 6.	601.48 28.	601.47 30.	601.46 1.	m ü.M.
Amplitude		0.14	0.18	0.24+	0.18	0.13	0.14	0.11	0.09	0.06-	0.16	0.17	0.19	m

Jahr Mittel: 601.49 Spitze: 601.78 (02.01.2014) Minimum: 601.27 (20.12.2014) Amplitude: 0.51



Periode		1990 - 2014 (25 Jahre)												
Monatsumme		601.46	601.43	601.42	601.42	601.38-	601.40	601.46	601.49+	601.42	601.42	601.42	601.43	m ü.M.
Monats-Spitze Jahr		602.12 2003	602.17 2013	602.25 2013	602.19 2013	602.15 2013	602.03 2000	602.47 1999	602.62+ 1999	602.09 2013	601.98- 2013	602.05 2010	602.10 2010	m ü.M.
Monats-Minimum Jahr		601.01 2004	600.95 1998	600.90 2004	600.75 2002	600.61- 2002	600.91 2005	600.94 2005	600.92 1998	600.82 1998	600.86 1998	600.81 1998		m ü.M.
Monats-Amplitude Jahr		0.51 2003	0.61 2001	0.71 2001	0.60 2001	1.09+ 2001	0.34 2001	0.40 1999	0.19- 2002	0.30 1998	0.66 2002	0.41 2000	0.56 2004	m
Periode		Mittel: 601.43 Spitze: 602.62 (08.08.1999) Minimum: 0.00 (00.12.1992) Amplitude: 602.62												



Grundwasserstände



Orpheus Mini

Nr. 2031 Menzingen - KIBAG 4 - Bergli

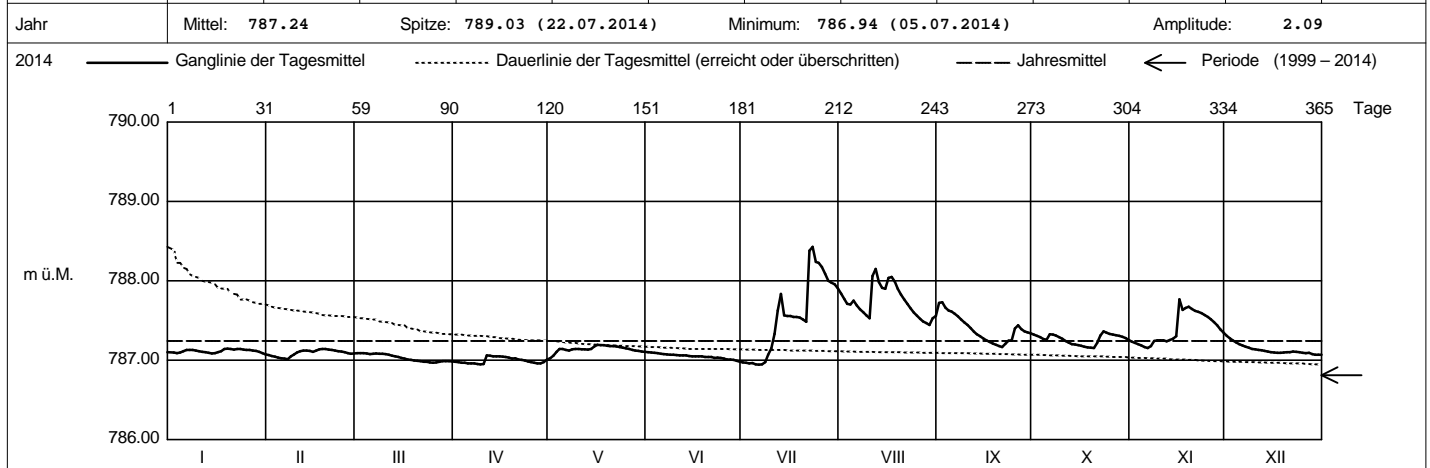
Koordinaten: 685'833 / 224'383

Abstichpunkt: 813.54 m ü.M. OK Terrain: 812.91 m ü.M.

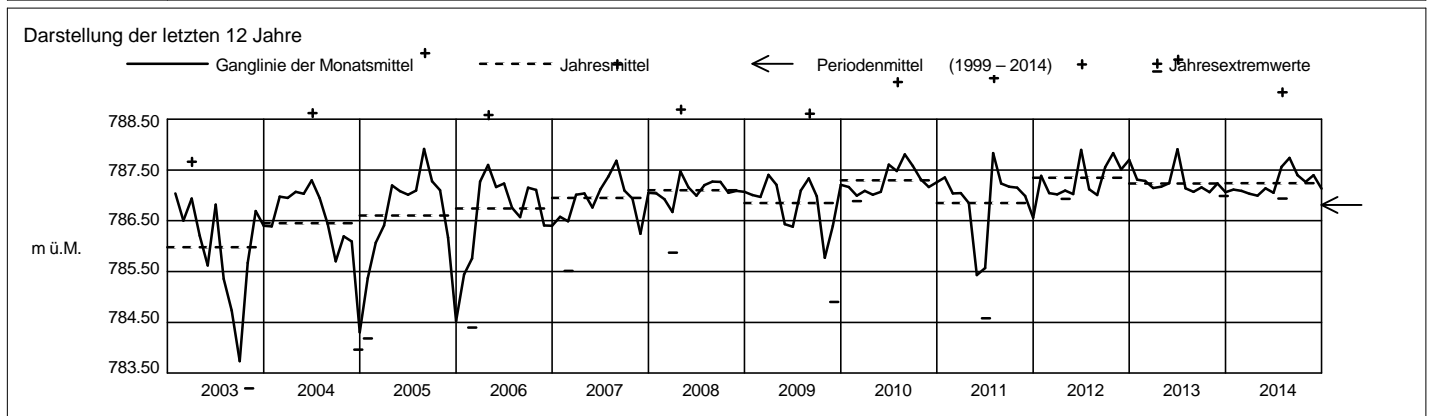
KANTON ZUG

Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	787.10	787.07	787.09+	786.98	787.02-	787.10+	786.97	787.84	787.72	787.32	787.23	787.31+	1	
	2	787.10	787.05	787.09+	786.98	787.06	787.10+	786.97	787.77	787.73+	787.31	787.22	787.27	2	
	3	787.09	787.05	787.09+	786.97	787.10	787.09	786.96	787.71	787.66	787.29	787.20	787.25	3	
	4	787.10	787.03	787.09+	786.97	787.14	787.09	786.97	787.70	787.63	787.27	787.19	787.22	4	
	5	787.12	787.03	787.08	786.96	787.14	787.08	786.95-	787.75	787.61	787.26	787.17	787.22	5	
	6	787.13	787.02	787.08	786.96	787.13	787.08	786.95-	787.69	787.59	787.33	787.15-	787.19	6	
	7	787.13	787.01-	787.08	786.96	787.12	787.07	786.95-	787.64	787.55	787.32	787.18	787.17	7	
	8	787.13	787.05	787.08	786.95-	787.14	787.07	786.98	787.61	787.51	787.31	787.24	787.16	8	
	9	787.12	787.07	787.08	786.95-	787.14	787.07	787.07	787.57	787.48	787.29	787.25	787.14	9	
	10	787.11	787.10	787.08	786.95-	787.14	787.07	787.15	787.53	787.45	787.27	787.25	787.14	10	
	11	787.11	787.11	787.07	787.06+	787.14	787.06	787.33	788.06	787.40	787.24	787.25	787.13	11	
	12	787.10	787.12	787.06	787.06+	787.14	787.06	788.15+	787.36	787.36	787.22	787.24	787.13	12	
	13	787.09	787.12	787.05	787.05	787.13	787.06	787.84	787.98	787.33	787.20	787.25	787.12	13	
	14	787.08	787.12	787.04	787.05	787.14	787.05	787.57	787.91	787.30	787.20	787.27	787.11	14	
	15	787.09	787.11	787.03	787.05	787.17	787.05	787.56	787.90	787.28	787.19	787.30	787.10	15	
	16	787.10	787.12	787.02	787.05	787.19+	787.05	787.56	788.04	787.25	787.18	787.77+	787.10	16	
	17	787.11	787.14+	787.01	787.04	787.19+	787.05	787.55	788.05	787.23	787.17	787.63	787.09	17	
	18	787.14	787.14+	787.01	787.03	787.19+	787.05	787.55	787.99	787.21	787.16	787.66	787.09	18	
	19	787.15+	787.14+	787.00	787.02	787.18	787.04	787.54	787.90	787.20	787.16	787.67	787.10	19	
	20	787.14	787.13	786.99	787.02	787.18	787.04	787.51	787.83	787.18	787.15-	787.65	787.10	20	
	21	787.14	787.13	786.99	787.01	787.18	787.04	787.48	787.77	787.17-	787.22	787.62	787.10	21	
	22	787.14	787.12	786.98	787.01	787.17	787.03	788.38	787.71	787.21	787.31	787.61	787.11	22	
	23	787.14	787.11	786.98	787.00	787.17	787.03	788.43+	787.65	787.25	787.36+	787.59	787.11	23	
	24	787.13	787.11	786.97-	786.98	787.16	787.03	788.24	787.60	787.25	787.35	787.57	787.10	24	
	25	787.13	787.10	786.97-	786.98	787.15	787.02	788.23	787.56	787.40	787.33	787.55	787.09	25	
	+ Maximum	26	787.13	787.09	786.97-	786.97	787.14	787.01	788.17	787.52	787.32	787.52	787.09	26	
	- Minimum	27	787.12	787.08	786.98	786.96	787.13	787.01	788.09	787.49	787.39	787.32	787.48	787.09	27
		28	787.12	787.09	786.99	786.96	787.12	787.01	788.00	787.47	787.36	787.31	787.44	787.08	28
		29	787.11		786.99	786.98	787.12	786.99	787.98	787.44-	787.35	787.30	787.39	787.07-	29
		30	787.09		786.99	787.01	787.11	786.98-	787.96	787.53	787.34	787.28	787.35	787.07-	30
		31	787.07-		786.98	787.01	787.11	787.11	787.90	787.56	787.26	787.26	787.07-	31	
Monatsmittel		787.11	787.09	787.03	787.00-	787.14	787.05	787.56	787.74+	787.39	787.26	787.40	787.13	m ü.M.	
Spitze Datum		18.	18.	3.	11.	16.	1.	22.	11.	1.	5.	16.	1.	m ü.M.	
Amplitude		0.08-	0.15	0.13	0.11	0.19	0.12	2.09+	0.94	0.61	0.23	0.66	0.27	m	
Jahr		Mittel: 787.24			Spitze: 789.03 (22.07.2014)			Minimum: 786.94 (05.07.2014)			Amplitude: 2.09				



Periode 1999 - 2014 (16 Jahre)													
Monatsmittel	786.60	786.66	786.95	786.93	786.66	786.95	787.01+	787.01+	786.81	786.86	786.76	786.58-	m ü.M.
Monats-Spitze Jahr	788.25 2012	788.11- 2000	788.27 2009	789.49 2001	788.81 2013	789.67 2013	789.31 2011	789.80+ 2005	789.32 2001	789.53 2012	788.93 2003	789.52 2012	m ü.M.
Monats-Minimum Jahr	784.18 2005	784.40 2006	784.48 2001	784.19 2002	784.21 2000	784.47 2000	784.74 2000	784.16 2003	783.31 2003	783.20- 2003	784.84+ 1999	783.96 2004	m ü.M.
Monats-Amplitude Jahr	2.47 2001	2.89 2006	3.65 2001	3.78 2001	2.29- 2003	3.91 2011	3.10 2000	2.74 2005	4.04+ 2003	3.75 2003	2.72 2005	2.73 2011	m
Periode	Mittel: 786.81			Spitze: 789.80 (22.08.2005)			Minimum: 783.20 (04.10.2003)			Amplitude: 6.60			



Grundwasserstände



Orpheus

Nr. 2036 Neuheim - Neutal

Koordinaten: 686'923 / 229'090

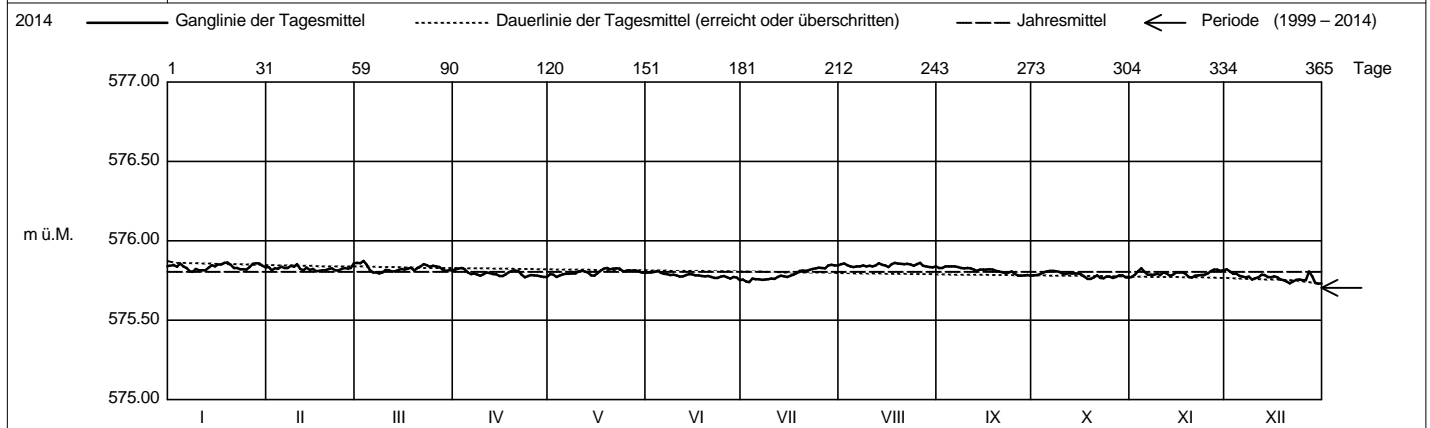
Abstichpunkt: 599.46 m ü.M. OK Terrain: 598.92 m ü.M.

KANTON ZUG

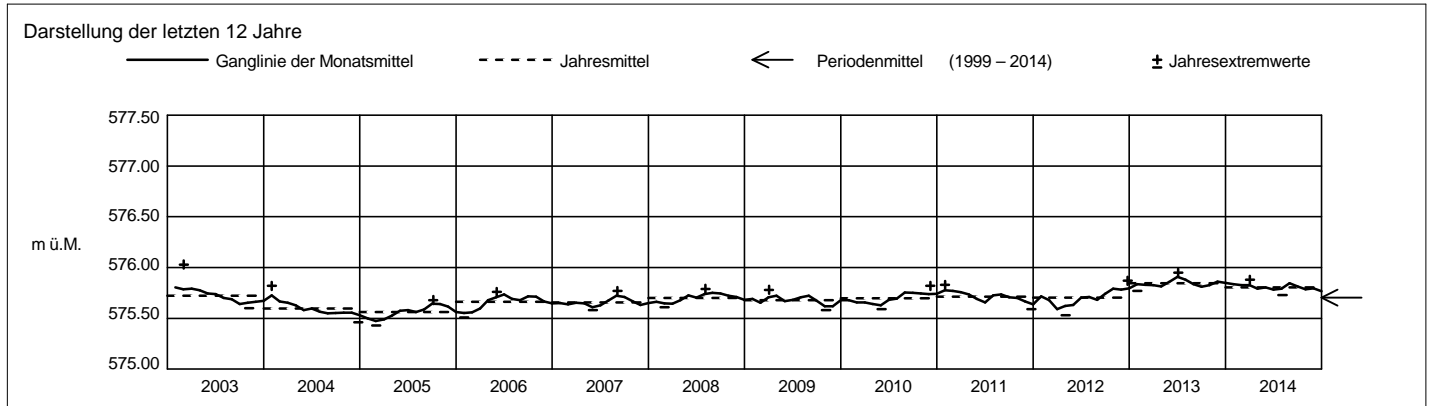
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tagesmittel	1	575.84	575.84	575.86	575.82	575.79	575.80	575.76	575.85	575.83	575.78	575.77-	575.82+	1		
	2	575.85	575.82	575.86	575.83+	575.79	575.80	575.74-	575.86+	575.83	575.78	575.79	575.81	2		
	3	575.84	575.83	575.87+	575.83+	575.77-	575.81+	575.74-	575.85	575.84+	575.79	575.81	575.79	3		
	4	575.86+	575.83	575.85	575.82	575.78	575.81+	575.76	575.84	575.84+	575.80	575.83+	575.79	4		
	5	575.84	575.84	575.82	575.80	575.79	575.80	575.76	575.84	575.84+	575.81+	575.81	575.78	5		
	6	575.83	575.83	575.80-	575.79	575.79	575.79	575.76	575.84	575.84+	575.81+	575.79	575.77	6		
	7	575.81-	575.83	575.80-	575.80	575.79	575.79	575.75	575.84	575.84+	575.81+	575.79	575.77	7		
	8	575.81-	575.84	575.80-	575.79	575.80	575.78	575.76	575.84	575.83	575.81+	575.79	575.78	8		
	9	575.82	575.84	575.80-	575.78	575.80	575.79	575.76	575.84	575.83	575.81+	575.79	575.76	9		
	10	575.82	575.85	575.82	575.79	575.81	575.78	575.76	575.84	575.83	575.81	575.78	575.76	10		
	m ü.M.	11	575.82	575.82	575.82	575.80	575.81	575.78	575.76	575.84	575.83	575.79	575.80	575.77	11	
		12	575.82	575.82	575.81	575.80	575.81	575.78	575.77	575.85	575.82	575.80	575.80	575.79	12	
		13	575.83	575.83	575.81	575.79	575.80	575.78	575.78	575.86+	575.81	575.80	575.78	575.78	13	
		14	575.85	575.82	575.82	575.79	575.78	575.79	575.78	575.85	575.82	575.80	575.79	575.77	14	
		15	575.84	575.82	575.82	575.78	575.78	575.79	575.77	575.84	575.82	575.80	575.80	575.77	15	
		16	575.85	575.81-	575.82	575.78	575.80	575.78	575.78	575.84	575.82	575.79	575.80	575.78	16	
		17	575.85	575.81-	575.83	575.79	575.81	575.78	575.79	575.85	575.82	575.77	575.80	575.77	17	
		18	575.86+	575.82	575.83	575.80	575.83+	575.78	575.80	575.86+	575.82	575.76-	575.79	575.76	18	
		19	575.86+	575.81-	575.81	575.81	575.83+	575.78	575.81	575.86+	575.81	575.76-	575.77-	575.75	19	
		20	575.85	575.82	575.83	575.81	575.82	575.78	575.81	575.86+	575.81	575.77-	575.77-	575.74	20	
		+ Maximum	21	575.83	575.83	575.84	575.81	575.83+	575.77	575.81	575.85	575.80	575.78	575.78	575.73-	21
	22		575.83	575.82	575.85	575.79	575.83+	575.77	575.82	575.86+	575.80	575.77	575.78	575.75	22	
	23		575.82	575.81-	575.85	575.77-	575.82	575.77	575.82	575.85	575.80	575.76-	575.78	575.76	23	
	24		575.82	575.82	575.84	575.78	575.81	575.77	575.83	575.84	575.81	575.78	575.79	575.76	24	
	25		575.82	575.83	575.84	575.78	575.81	575.78	575.83	575.85	575.79	575.78	575.80	575.75	25	
	- Minimum		26	575.84	575.83	575.84	575.78	575.82	575.77	575.83	575.86+	575.78-	575.77	575.81	575.75	26
			27	575.86+	575.83	575.84	575.78	575.81	575.76	575.83	575.84	575.78-	575.77	575.82	575.81	27
			28	575.86+	575.86+	575.82	575.78	575.81	575.77	575.84	575.78-	575.78	575.82	575.78	575.78	28
			29	575.86+		575.81	575.77-	575.81	575.77	575.85+	575.84	575.78-	575.78	575.81	575.74	29
			30	575.84		575.81	575.77-	575.80	575.75-	575.85+	575.83-	575.78-	575.77	575.81	575.73-	30
			31	575.83		575.81		575.80		575.84	575.84	575.84	575.77		575.73-	31
Monatsumme	575.84	575.83	575.83	575.79	575.80	575.78	575.79	575.85+	575.81	575.78	575.79	575.77-	m ü.M.			
Spitze Datum	575.87 4.	575.87 10.	575.88+ 3.	575.83 2.	575.83 18.	575.82- 4.	575.87 28.	575.87 13.	575.84 3.	575.82- 6.	575.83 3.	575.83 1.	m ü.M.			
Amplitude	0.07	0.07	0.09	0.07	0.06	0.07	0.14+	0.04-	0.06	0.06	0.07	0.10	m			

Jahr Mittel: 575.81 Spitze: 575.88 (03.03.2014) Minimum: 575.73 (03.07.2014) Amplitude: 0.15



Periode 1999 - 2014 (16 Jahre)													
Monatsumme	575.70	575.69-	575.69-	575.70	575.70	575.70	575.70	575.71+	575.71+	575.71+	575.71+	575.70	m ü.M.
Monats-Spitze Jahr	575.91 2003	576.03+ 2003	575.88 2014	575.87 2013	575.90 2013	575.95 2013	575.91 2013	575.87 2013	575.86- 2013	575.86- 2012	575.92 2013	575.91 2013	m ü.M.
Monats-Minimum Jahr	575.44 2005	575.43- 2005	575.43- 2005	575.48 2005	575.53 2004	575.54+ 2004	575.51 2004	575.51 2004	575.49 2004	575.51 2004	575.53 2004	575.46 2004	m ü.M.
Monats-Amplitude Jahr	0.17 2004	0.28+ 2003	0.16 2001	0.16 2008	0.12- 2004	0.14 2012	0.14 2014	0.13 2005	0.12- 2001	0.13 2003	0.15 2002	0.20 2003	m
Periode	Mittel: 575.70			Spitze: 576.03 (05.02.2004)			Minimum: 575.43 (02.02.2005)			Amplitude: 0.60			



Grundwasserstände



Orpheus Mini

Nr. 2058 Menzingen - Hintercher-Sihlwald

Koordinaten: 689'970.85 / 226'105.27

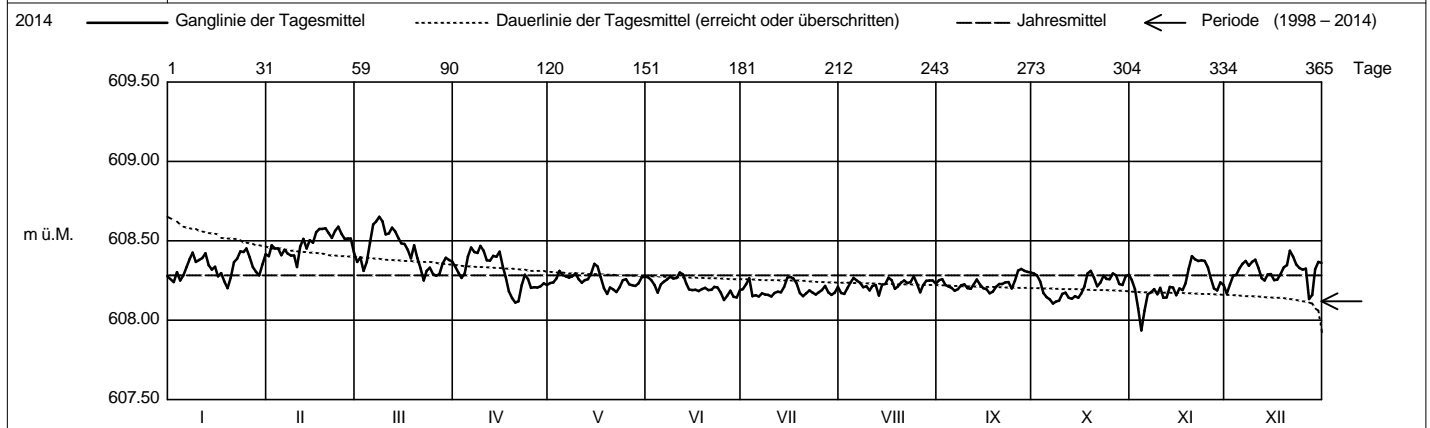
Abstichpunkt: 655.15 m ü.M. OK Terrain: 655.25 m ü.M.

KANTON ZUG

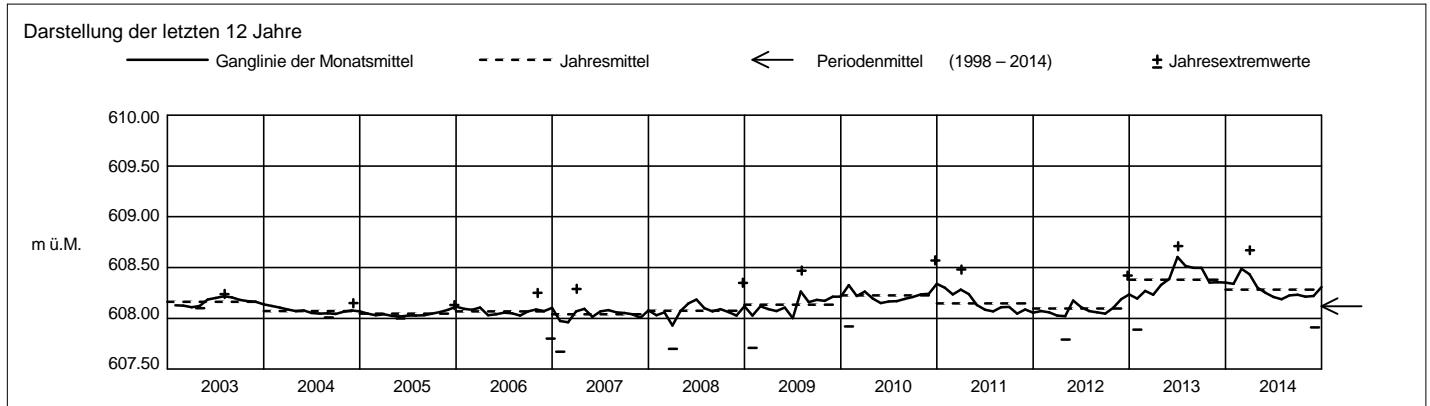
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	608.28	608.40	608.37	608.34	608.24	608.27	608.20	608.17	608.25	608.30	608.26	608.17	1
	2	608.24	608.47	608.40	608.30	608.24	608.25	608.23	608.17	608.26	608.28	608.20	608.23	2
	3	608.30	608.45	608.31	608.27	608.26	608.22	608.26	608.20	608.22	608.24	608.08	608.28	3
	4	608.25	608.45	608.37	608.29	608.31	608.17	608.15-	608.24	608.21	608.17	607.94-	608.29	4
	5	608.38	608.41	608.49	608.40	608.28	608.23	608.16	608.27	608.20	608.15	608.06	608.33	5
	6	608.33	608.45	608.60	608.46	608.28	608.24	608.15-	608.25	608.19	608.13	608.16	608.36	6
	7	608.39	608.42	608.62	608.43	608.27	608.26	608.17	608.24	608.20	608.11-	608.18	608.37	7
	8	608.43	608.41	608.65+	608.42	608.28	608.28	608.16	608.21	608.22	608.12	608.20	608.34	8
	9	608.37	608.41	608.62	608.47+	608.30	608.26	608.16	608.21	608.23	608.12	608.16	608.37	9
	10	608.38	608.34-	608.54	608.44	608.26	608.27	608.15-	608.19	608.20	608.17	608.20	608.38	10
m ü.M.	11	608.39	608.46	608.55	608.38	608.24	608.30+	608.17	608.22	608.20	608.17	608.14	608.33	11
	12	608.42	608.51	608.58	608.38	608.25	608.29	608.18	608.22	608.23	608.14	608.14	608.26	12
	13	608.35	608.45	608.56	608.41	608.26	608.23	608.18	608.16-	608.26	608.14	608.21	608.25	13
	14	608.32	608.51	608.52	608.40	608.29	608.19	608.21	608.22	608.22	608.15	608.21	608.29	14
	15	608.34	608.49	608.48	608.43	608.36+	608.19	608.27+	608.23	608.20	608.14	608.16	608.29	15
	16	608.28	608.55	608.48	608.34	608.34	608.19	608.27+	608.27	608.20	608.17	608.20	608.25	16
	17	608.30	608.58	608.44	608.27	608.27	608.18	608.26	608.25	608.17-	608.21	608.19	608.26	17
	18	608.25	608.58	608.39	608.18	608.20	608.20	608.23	608.20	608.18	608.29	608.23	608.29	18
	19	608.20-	608.58	608.47	608.14	608.16-	608.20	608.17	608.21	608.21	608.31+	608.33	608.33	19
	20	608.27	608.55	608.39	608.11-	608.21	608.19	608.15-	608.24	608.23	608.27	608.40+	608.35	20
+ Maximum	21	608.37	608.52	608.33	608.12	608.19	608.19	608.17	608.25	608.23	608.22	608.38	608.44+	21
	22	608.39	608.56	608.25-	608.22	608.18	608.21	608.19	608.23	608.24	608.24	608.37	608.40	22
	23	608.43	608.59+	608.31	608.29	608.21	608.21	608.17	608.24	608.24	608.28	608.38	608.35	23
	24	608.43	608.55	608.33	608.26	608.25	608.17	608.16	608.28+	608.20	608.26	608.37	608.33	24
	25	608.45+	608.51	608.29	608.21	608.26	608.13-	608.18	608.23	608.25	608.26	608.33	608.32	25
	26	608.40	608.52	608.28	608.21	608.23	608.15	608.19	608.18	608.31	608.30	608.26	608.32	26
	27	608.34	608.51	608.29	608.21	608.22	608.19	608.22	608.22	608.32+	608.28	608.20	608.13-	27
	28	608.31	608.43	608.36	608.21	608.22	608.15	608.18	608.25	608.31	608.23	608.19	608.16	28
	29	608.28		608.39	608.23	608.23	608.14	608.16	608.25	608.30	608.22	608.24	608.32	29
	30	608.35		608.38	608.22	608.27	608.19	608.17	608.25	608.30	608.28	608.22	608.37	30
31	608.42		608.37	608.22	608.28	608.19	608.21	608.23	608.30	608.29	608.22	608.36	31	
Monatsumme	608.34	608.49+	608.43	608.30	608.25	608.21	608.19-	608.22	608.23	608.21	608.22	608.31	m ü.M.	
Spitze Datum	608.46 25.	608.60 17.	608.67+ 8.	608.48 9.	608.38 15.	608.31 10.	608.28- 3.	608.30 16.	608.33 26.	608.32 19.	608.41 20.	608.45 21.	m ü.M.	
Amplitude	0.27	0.32	0.43	0.38	0.22	0.21	0.18	0.19	0.17-	0.23	0.50+	0.38	m	

Jahr Mittel: 608.28 Spitze: 608.67 (08.03.2014) Minimum: 607.91 (04.11.2014) Amplitude: 0.76



Periode		1998 - 2014 (17 Jahre)												
Monatsumme		608.12	608.12	608.12	608.11-	608.12	608.12	608.12	608.11-	608.11-	608.11-	608.12	608.15+	m ü.M.
Monats-Spitze Jahr		608.50- 2010	608.60 2014	608.67 2014	608.50- 2013	608.62 2013	608.71+ 2013	608.64 2013	608.58 2013	608.65 2013	608.50- 2013	608.56 2013	608.57 2010	m ü.M.
Monats-Minimum Jahr		607.67 2007	607.77 2007	607.70 2008	607.79 2012	606.96- 2011	607.79 2009	607.91+ 2006	607.86 2006	607.83 2006	607.82 2011	607.75 2008	607.80 2006	m ü.M.
Monats-Amplitude Jahr		0.58 2010	0.51 2009	0.53 2008	0.50 2012	1.41+ 2011	0.31- 2009	0.45 2009	0.33 2006	0.38 2006	0.42 2008	0.51 2010	0.52 2008	m
Periode		Mittel: 608.12 Spitze: 608.71 (02.06.2013) Minimum: 606.96 (05.05.2011) Amplitude: 1.75												



Grundwasserstände



Orpheus Mini

Nr. 2063 Menzingen - Brätigen-West

Koordinaten: 688'191 / 225'964

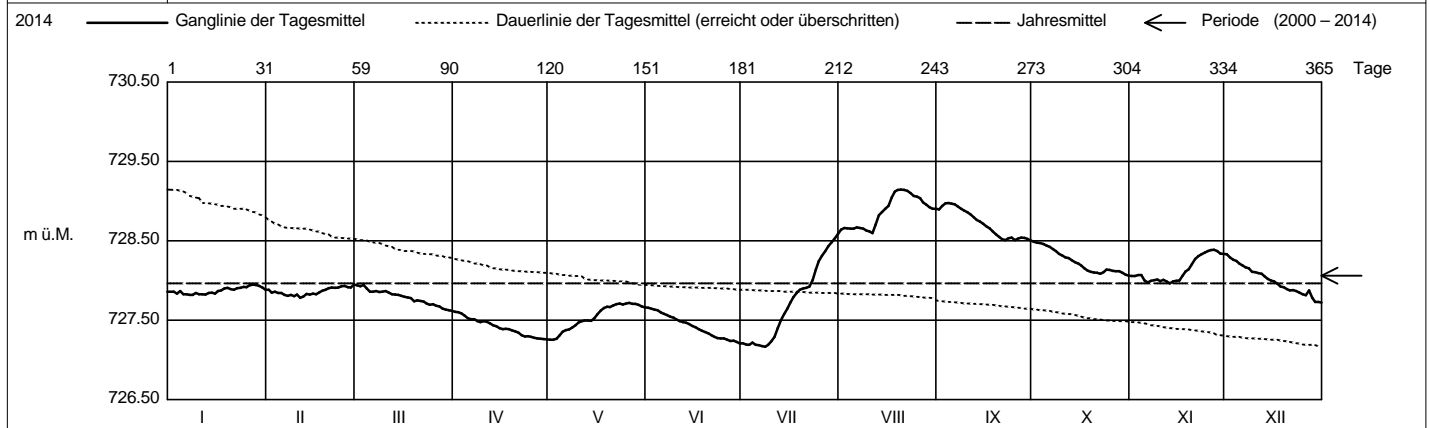
Abstichpunkt: 746.82 m ü.M. OK Terrain: 747.02 m ü.M.

KANTON ZUG

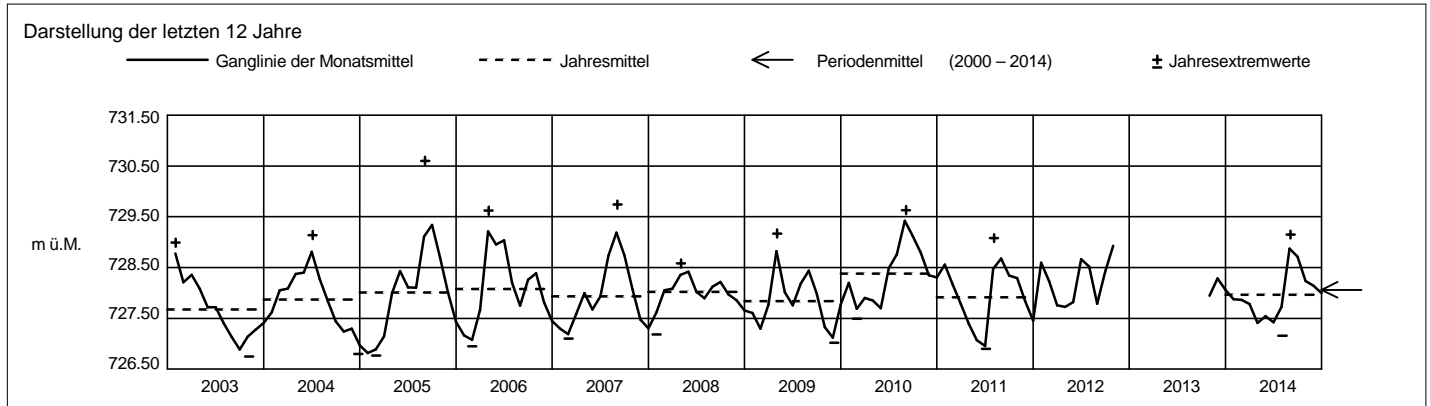
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	727.86	727.88	727.94	727.61+	727.26-	727.66+	727.21	728.64	728.90	728.49+	728.06	728.33+	1	
	2	727.86	727.85	727.93	727.60	727.26-	727.65	727.19	728.66	728.94	728.48	728.06	728.29	2	
	3	727.84	727.86	727.95+	727.59	727.27	727.64	727.19	728.66	728.97	728.47	728.07	728.26	3	
	4	727.87	727.84	727.90	727.56	727.31	727.63	727.22	728.66	728.98+	728.46	728.07	728.25	4	
	5	727.83	727.85	727.86	727.52	727.36	727.60	727.19	728.66	728.97	728.44	728.00	728.22	5	
	6	727.83	727.82	727.86	727.51	727.38	727.58	727.19	728.67	728.96	728.42	727.98	728.19	6	
	7	727.82-	727.81	727.87	727.51	727.39	727.57	727.17-	728.66	728.93	728.40	728.00	728.17	7	
	8	727.82-	727.82	727.86	727.49	727.41	727.54	727.17-	728.65	728.90	728.37	728.00	728.16	8	
	9	727.84	727.81	727.86	727.48	727.43	727.53	727.19	728.63	728.88	728.34	728.01	728.11	9	
	10	727.83	727.83	727.87	727.49	727.47	727.51	727.23	728.62	728.86	728.32	727.99	728.11	10	
	11	727.83	727.78-	727.85	727.48	727.49	727.49	727.29	728.60-	728.83	728.29	728.01	728.09	11	
	12	727.83	727.83	727.83	727.46	727.50	727.48	727.40	728.71	728.80	728.28	727.99	728.09	12	
	13	727.84	727.83	727.83	727.44	727.50	727.47	727.50	728.82	728.76	728.25	727.97-	728.05	13	
	m ü.M.	14	727.85	727.82	727.82	727.42	727.49	727.45	727.58	728.87	728.74	728.23	727.99	728.02	14
		15	727.84	727.84	727.81	727.40	727.53	727.43	727.65	728.90	728.71	728.22	728.00	728.00	15
		16	727.87	727.83	727.79	727.39	727.58	727.41	727.73	728.94	728.68	728.19	728.00	727.99	16
		17	727.87	727.85	727.79	727.39	727.62	727.39	727.79	729.05	728.66	728.15	728.06	727.96	17
		18	727.90	727.87	727.78	727.39	727.65	727.37	727.84	729.12	728.62	728.13	728.11	727.93	18
		19	727.91	727.88	727.74	727.37	727.67	727.35	727.89	729.14	728.58	728.11	728.14	727.92	19
		20	727.89	727.91	727.75	727.36	727.67	727.33	727.90	729.15+	728.55	728.10	728.21	727.89	20
		21	727.88	727.91	727.74	727.34	727.69	727.31	727.91	729.14	728.52	728.10	728.27	727.87	21
		22	727.90	727.91	727.74	727.31	727.70	727.29	727.92	729.13	728.51-	728.09	728.31	727.88	22
		23	727.91	727.91	727.71	727.30	727.71	727.28	728.01	729.10	728.54	728.11	728.33	727.87	23
	24	727.92	727.93	727.69	727.30	727.70	727.27	728.14	729.07	728.54	728.14	728.35	727.85	24	
	25	727.92	727.93	727.70	727.29	727.71	727.27	728.24	729.06	728.51-	728.13	728.37	727.83	25	
	+ Maximum	26	727.94	727.92	727.68	727.28	727.72+	727.26	728.31	729.04	728.53	728.12	728.39+	727.82	26
		27	727.95+	727.91	727.67	727.27	727.71	727.24	728.37	728.99	728.54	728.12	728.39+	727.88	27
		28	727.94	727.95+	727.65	727.27	727.71	727.24	728.43	728.96	728.54	728.12	728.37	727.78	28
		29	727.93		727.64	727.26-	727.69	727.23	728.48	728.93	728.53	728.10	728.34	727.73	29
		30	727.91		727.63	727.26-	727.67	727.21-	728.53	728.90	728.51-	728.07	728.34	727.73	30
		31	727.89		727.62-		727.66		728.59+	728.90		728.06-		727.72-	31
Monatsmittel		727.87	727.86	727.78	727.41-	727.54	727.42	727.72	728.87+	728.72	728.24	728.14	728.00	m ü.M.	
Spitze Datum		26.	28.	3.	1.	26.	1.	31.	19.	3.	1.	27.	1.	m ü.M.	
Amplitude		0.17-	0.21	0.35	0.36	0.48	0.46	1.45+	0.59	0.48	0.44	0.44	0.63	m	

Jahr Mittel: 727.97 Spitze: 729.15 (19.08.2014) Minimum: 727.16 (06.07.2014) Amplitude: 1.99



Periode		2000 - 2014 (15 Jahre)												
Monatsmittel		727.86	727.77-	727.90	728.17	728.04	728.13	728.19	728.36+	728.35	728.21	727.94	727.78	m ü.M.
Monats-Spitze Jahr		728.99-2003	729.232000	729.262000	729.812001	729.752001	729.522013	729.552010	730.60+2005	730.122005	729.792012	729.922002	729.432002	m ü.M.
Monats-Minimum Jahr		726.782005	726.772005	726.912005	727.20+2011	726.972011	726.902011	727.042011	726.962003	726.792003	726.75-2003	727.022009	726.802004	m ü.M.
Monats-Amplitude Jahr		1.002004	0.96-2000	2.052006	1.022005	1.202005	1.912012	2.042011	2.44+2005	1.632001	1.442012	1.082002	0.982009	m
Periode		Mittel: 728.06		Spitze: 730.60 (27.08.2005)			Minimum: 726.75 (03.10.2003)			Amplitude: 3.85				



Grundwasserstände



Orpheus Mini

Nr. 2085 Menzingen - KIBAG Betlehem

Koordinaten: 686'158 / 224'984

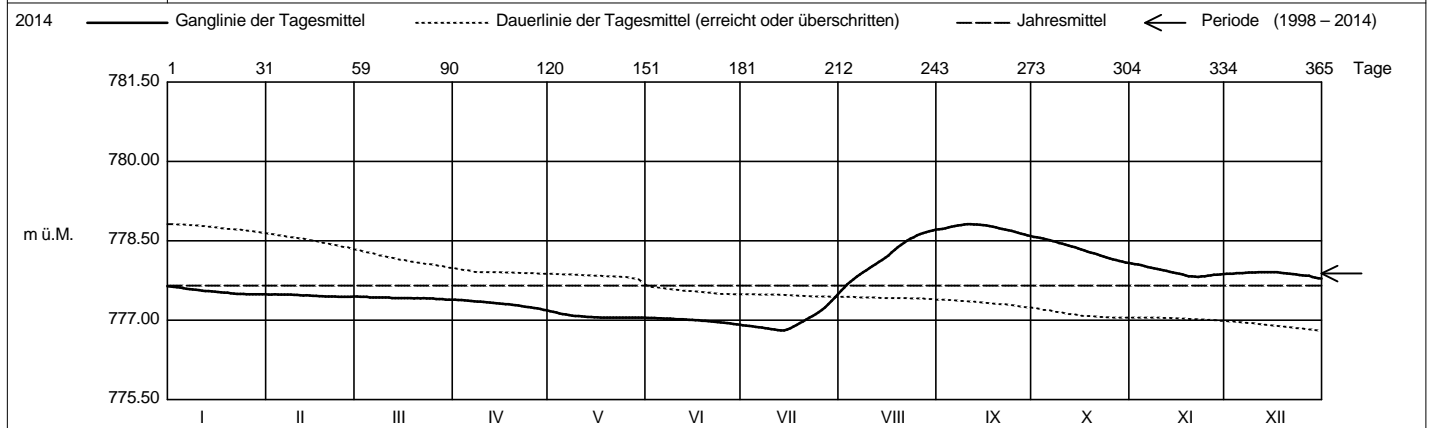
Abstichpunkt: 824.98 m ü.M. OK Terrain: 825.115 m ü.M.

KANTON ZUG

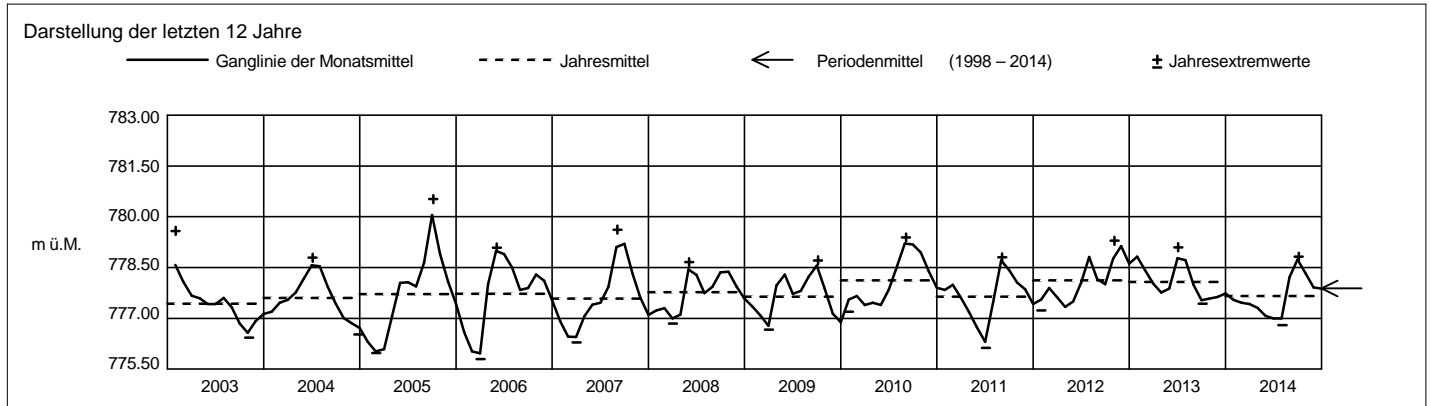
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	777.64+	777.49+	777.45+	777.39+	777.17+	777.05+	776.91	777.56-	778.72	778.58+	778.07+	777.88	1
	2	777.63	777.48	777.44	777.38	777.16	777.05+	776.90	777.62	778.73	778.57	778.06	777.88	2
	3	777.62	777.49+	777.45+	777.38	777.14	777.04	776.89	777.68	778.74	778.55	778.05	777.88	3
	4	777.62	777.49+	777.44	777.37	777.13	777.04	776.89	777.73	778.75	778.54	778.04	777.89	4
	5	777.61	777.49+	777.43	777.37	777.12	777.04	776.88	777.77	778.77	778.53	778.02	777.89	5
	6	777.60	777.48	777.43	777.36	777.11	777.03	776.87	777.82	778.78	778.52	778.01	777.89	6
	7	777.59	777.48	777.43	777.36	777.10	777.03	776.86	777.86	778.79	778.50	778.00	777.90	7
	8	777.58	777.49+	777.43	777.35	777.09	777.03	776.85	777.91	778.80	778.48	777.98	777.90	8
	9	777.58	777.48	777.43	777.35	777.08	777.03	776.84	777.95	778.81	778.46	777.97	777.90	9
	10	777.57	777.48	777.43	777.35	777.08	777.02	776.83	777.99	778.82+	778.45	777.96	777.91+	10
m ü.M.	11	777.56	777.47	777.43	777.34	777.07	777.02	776.82	778.02	778.82+	778.43	777.95	777.91+	11
	12	777.55	777.47	777.42	777.33	777.07	777.02	776.81-	778.06	778.81	778.41	777.93	777.91+	12
	13	777.55	777.47	777.42	777.33	777.06	777.02	776.81-	778.10	778.81	778.39	777.91	777.91+	13
	14	777.54	777.47	777.42	777.32	777.06	777.01	776.81	778.14	778.81	778.38	777.90	777.91+	14
	15	777.54	777.46	777.42	777.32	777.06	777.01	776.83	778.18	778.80	778.36	777.89	777.91+	15
	16	777.53	777.46	777.42	777.31	777.05-	777.00	776.85	778.23	778.79	778.34	777.88	777.91+	16
	17	777.53	777.46	777.42	777.31	777.05-	777.00	776.88	778.28	778.78	778.32	777.86	777.91+	17
	18	777.52	777.46	777.42	777.30	777.05-	776.99	776.91	778.33	778.77	778.30	777.85	777.90	18
	19	777.52	777.45	777.41	777.29	777.05-	776.99	776.94	778.38	778.75	778.28	777.83	777.89	19
	20	777.51	777.45	777.42	777.29	777.05-	776.98	776.98	778.43	778.74	778.26	777.83	777.89	20
+ Maximum	21	777.51	777.45	777.41	777.28	777.05-	776.98	777.01	778.47	778.73	778.25	777.82-	777.88	21
	22	777.50	777.45	777.42	777.27	777.05-	776.97	777.05	778.51	778.72	778.23	777.82-	777.87	22
	23	777.50	777.45	777.41	777.26	777.05-	776.96	777.08	778.54	778.70	778.21	777.83	777.87	23
	24	777.50	777.44-	777.41	777.25	777.05-	776.96	777.11	778.57	778.69	778.19	777.83	777.86	24
	25	777.49-	777.44-	777.41	777.24	777.05-	776.95	777.15	778.60	778.67	778.17	777.84	777.85	25
	26	777.49-	777.44-	777.40	777.23	777.05-	776.95	777.20	778.63	778.65	778.15	777.85	777.84	26
	27	777.49-	777.44-	777.40	777.22	777.05-	776.94	777.25	778.65	778.64	778.14	777.86	777.84	27
	28	777.49-	777.45	777.40	777.21	777.05-	776.93	777.30	778.67	778.62	778.12	777.86	777.82	28
	29	777.49-		777.39-	777.20	777.05-	776.92	777.36	778.68	778.61	778.11	777.86	777.81	29
	30	777.49-		777.39-	777.19-	777.05-	776.91-	777.43	778.70	778.59-	778.09	777.87	777.80	30
31	777.49-		777.39-		777.05-		777.49+	778.71+		778.08-		777.79-	31	
Monatsumme	777.54	777.47	777.42	777.31	777.07	777.00	776.99-	778.22	778.74+	778.33	777.91	777.88	m ü.M.	
Spitze Datum	1.	1.	1.	1.	1.	1.	31.	31.	10.	1.	1.	12.	m ü.M.	
Amplitude	0.16	0.05-	0.06	0.21	0.14	0.14	0.73	1.19+	0.23	0.50	0.26	0.14	m	

Jahr Mittel: 777.66 Spitze: 778.82 (10.09.2014) Minimum: 776.80 (14.07.2014) Amplitude: 2.02



Periode		1998 - 2014 (17 Jahre)												
Monatsumme		777.56	777.43	777.35-	777.67	777.96	778.05	778.12	778.27	778.31+	778.19	777.96	777.69	m ü.M.
Monats-Spitze Jahr		779.58 2003	778.89- 2000	779.02 2000	779.04 2001	780.58 1999	780.62+ 1999	779.79 1999	780.27 2005	780.52 2005	779.45 2002	779.38 2002	779.57 2002	m ü.M.
Monats-Minimum Jahr		776.11 2005	775.86 2006	775.80 2006	776.41 2005	776.51 2011	776.13 2011	776.13 2011	775.33- 2001	776.59 2003	776.43 2003	776.77+ 2003	776.52 2004	m ü.M.
Monats-Amplitude Jahr		1.30 2003	0.57- 2003	0.98 2006	2.39 2006	1.84 1999	1.37 2012	2.30 2011	3.10+ 2001	1.10 2005	1.05 2012	0.73 2001	0.74 2002	m
Periode		Mittel: 777.88 Spitze: 780.62 (02.06.1999) Minimum: 775.33 (03.08.2001) Amplitude: 5.29												



Grundwasserstände



Orpheus Mini

Nr. 2086 Neuheim - Neuhus / Chrützhügel

Koordinaten: 686°376.00 / 229°564.00

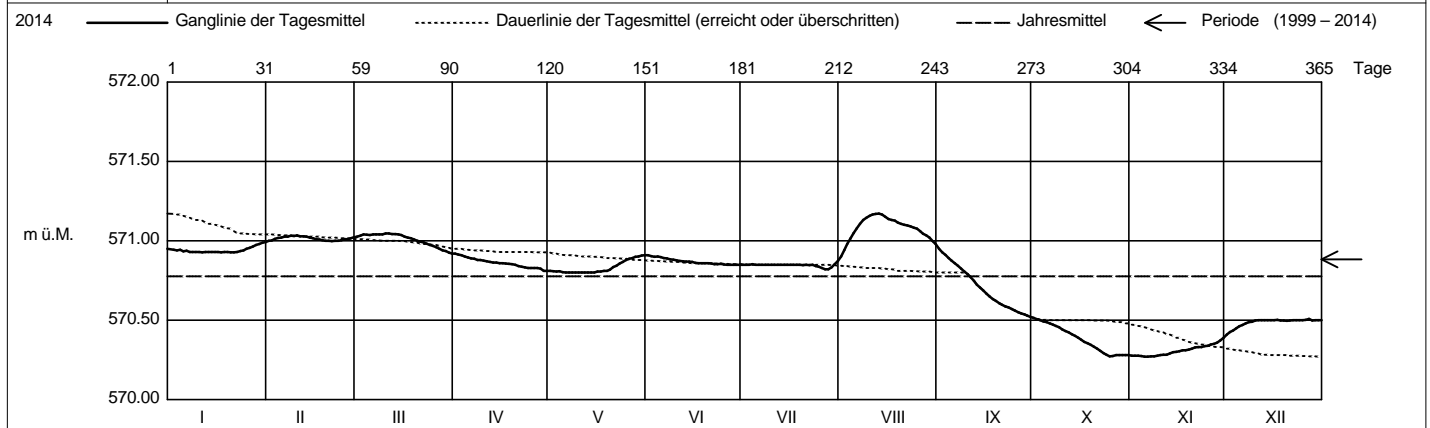
Abstichpunkt: 633.95 m ü.M. OK Terrain: 634.05 m ü.M.

KANTON ZUG

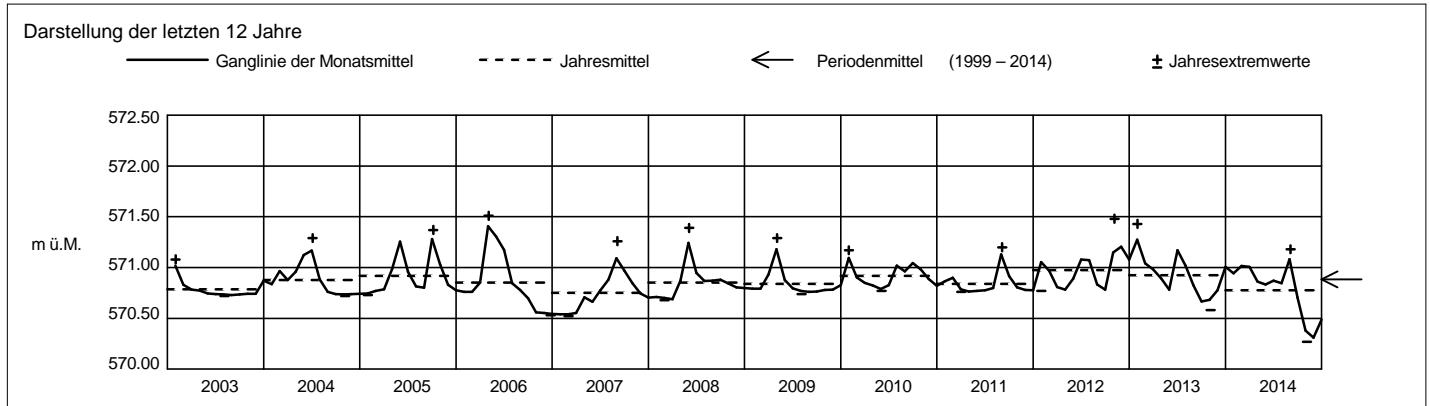
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	570.95	571.00-	571.03	570.92+	570.81	570.91+	570.85	570.90-	570.95+	570.51+	570.28	570.41-	1
	2	570.94	571.00-	571.03	570.91	570.81	570.90	570.85	570.94	570.93	570.51+	570.28	570.43	2
	3	570.94	571.01	571.04	570.91	570.81	570.90	570.85	570.98	570.91	570.50	570.28	570.44	3
	4	570.94	571.02	571.04	570.90	570.81	570.90	570.85	571.01	570.89	570.49	570.27-	570.45	4
	5	570.93-	571.02	571.04	570.90	570.80-	570.90	570.85	571.05	570.88	570.49	570.27-	570.46	5
	6	570.94	571.03+	571.04	570.89	570.80-	570.89	570.85	571.08	570.86	570.48	570.27-	570.47	6
	7	570.93-	571.03+	571.04	570.89	570.80-	570.89	570.85	571.11	570.84	570.47	570.27-	570.48	7
	8	570.93-	571.03+	571.04	570.88	570.80-	570.88	570.85	571.13	570.83	570.47	570.27-	570.49	8
	9	570.93-	571.03+	571.04	570.88	570.80-	570.88	570.85	571.15	570.81	570.46	570.28	570.49	9
	10	570.93-	571.03+	571.05+	570.88	570.80-	570.88	570.85	571.16	570.79	570.44	570.28	570.50	10
m ü.M.	11	570.93-	571.03+	571.05+	570.87	570.80-	570.87	570.85	571.17+	570.77	570.43	570.28	570.50	11
	12	570.93-	571.03+	571.04	570.87	570.80-	570.87	570.85	571.17+	570.75	570.42	570.28	570.50	12
	13	570.93-	571.03+	571.04	570.86	570.80-	570.87	570.85	571.17+	570.72	570.41	570.29	570.50	13
	14	570.93-	571.02	571.04	570.86	570.80-	570.87	570.85	571.17+	570.71	570.40	570.30	570.50	14
	15	570.93-	571.02	571.04	570.86	570.80-	570.87	570.85	571.15	570.69	570.39	570.30	570.50	15
	16	570.93-	571.01	571.03	570.86	570.81	570.86	570.85	571.14	570.67	570.38	570.31	570.50	16
	17	570.93-	571.01	571.02	570.86	570.81	570.86	570.85	571.13	570.65	570.36	570.31	570.50	17
	18	570.93-	571.01	571.02	570.86	570.81	570.86	570.85	571.13	570.63	570.35	570.31	570.50	18
	19	570.93-	571.00-	571.01	570.85	570.81	570.86	570.85	571.12	570.62	570.34	570.32	570.50	19
	20	570.93-	571.00-	571.00	570.85	570.82	570.86	570.85	571.11	570.61	570.33	570.32	570.50	20
+ Maximum	21	570.93-	571.00-	571.00	570.84	570.83	570.86	570.85	571.10	570.60	570.32	570.33	570.50	21
	22	570.93-	571.00-	570.99	570.84	570.84	570.85-	570.85	571.10	570.59	570.31	570.33	570.50	22
	23	570.94	571.00-	570.98	570.83	570.86	570.85-	570.85	571.09	570.58	570.29	570.33	570.50	23
	24	570.94	571.01	570.97	570.83	570.87	570.86	570.84	571.08	570.57	570.28	570.34	570.50	24
	25	570.95	571.01	570.97	570.83	570.88	570.85-	570.84	571.08	570.56	570.27-	570.34	570.50	25
	26	570.96	571.01	570.96	570.83	570.89	570.85	570.83	571.06	570.55	570.27-	570.35	570.50	26
	27	570.97	571.02	570.95	570.83	570.89	570.85-	570.82-	571.05	570.54	570.28	570.35	570.51+	27
	28	570.97	571.02	570.94	570.82	570.90	570.85-	570.82-	571.04	570.54	570.28	570.36	570.50	28
	29	570.98		570.94	570.81-	570.90	570.85-	570.83	571.02	570.53	570.28	570.37	570.50	29
	30	570.99+		570.93	570.81-	570.91+	570.85-	570.85	571.00	570.52-	570.28	570.39+	570.50	30
31	570.99+		570.92-	570.81-	570.91+	570.85-	570.87+	570.98	570.49	570.28	570.39	570.50	31	
Monatsumme	570.94	571.01	571.01	570.86	570.83	570.87	570.85	571.08+	570.70	570.38	570.31-	570.49	m ü.M.	
Spitze Datum	571.00 31.	571.04 8.	571.05 9.	570.92 1.	570.91 29.	570.91 1.	570.89 31.	571.18+ 12.	570.96 1.	570.52 1.	570.40- 30.	570.52 27.	m ü.M.	
Amplitude	0.08	0.05-	0.13	0.11	0.12	0.07	0.07	0.29	0.44+	0.25	0.13	0.12	m	

Jahr Mittel: 570.78 Spitze: 571.18 (12.08.2014) Minimum: 570.27 (25.10.2014) Amplitude: 0.91



Periode 1999 - 2014 (16 Jahre)													
Monatsumme	570.90	570.86	570.90	570.97	570.98+	570.93	570.87	570.88	570.84	570.84	570.81-	570.82	m ü.M.
Monats-Spitze Jahr	571.43 2013	571.36 2000	571.52 1999	571.52 2001	571.59+ 1999	571.56 1999	571.33 2012	571.26- 2007	571.37 2005	571.48 2002	571.43 2002	571.42 2012	m ü.M.
Monats-Minimum Jahr	570.53 2007	570.52 2007	570.52 2007	570.61 2007	570.57 2007	570.73+ 2003	570.72 2003	570.72 2003	570.52 2014	570.27- 2014	570.27- 2014	570.40 2014	m ü.M.
Monats-Amplitude Jahr	0.44 2012	0.32 2000	0.59 2001	0.65 2008	0.61 2001	0.58 2013	0.44 2012	0.39 2007	0.44 2014	0.71+ 2012	0.29- 2012	0.45 2012	m
Periode	Mittel: 570.88			Spitze: 571.59 (29.05.1999)			Minimum: 570.27 (25.10.2014)			Amplitude: 1.32			



Grundwasserstände



Orpheus Mini

Nr. 2089 Neuheim - Hof (SPB 1/99, Sand AG)

Koordinaten: 687'509.00 / 228'231.00

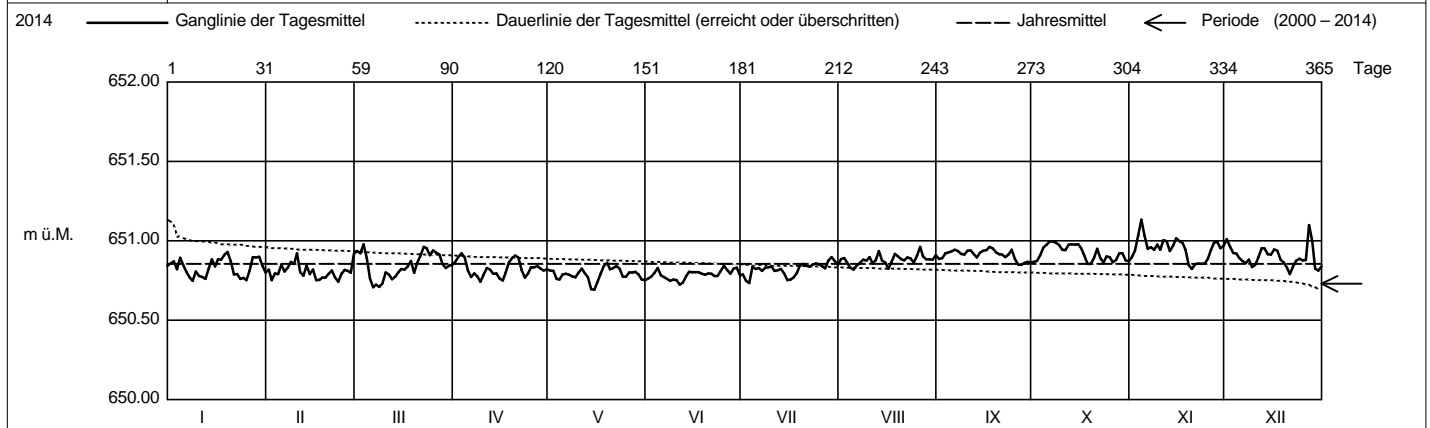
Abstichpunkt: 712.32 m ü.M. OK Terrain: 712.44 m ü.M.

KANTON ZUG

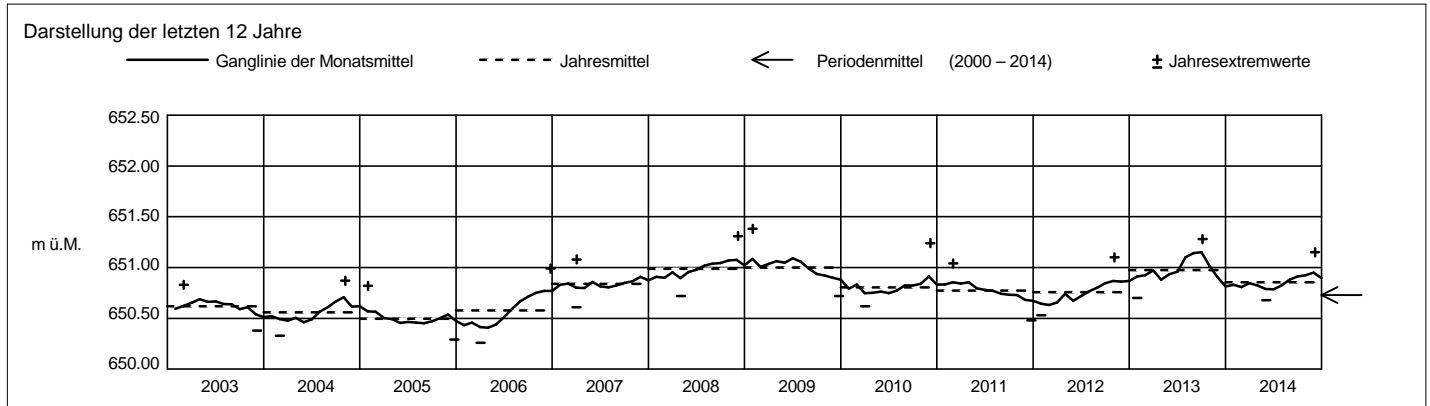
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	650.84	650.82	650.94	650.87	650.81	650.76	650.79	650.89	650.89	650.87	650.90	651.01	1	
	2	650.87	650.75	650.92	650.90	650.81	650.77	650.75	650.89	650.89	650.87	650.94	650.96	2	
	3	650.82	650.80	650.98+	650.92+	650.76	650.80	650.73-	650.86	650.86	650.91	651.03	650.92	3	
	4	650.89	650.79	650.89	650.90	650.76	650.83	650.84	650.83	650.93	650.96	651.13+	650.92	4	
	5	650.85	650.85	650.76	650.81	650.79	650.78	650.82	650.82-	650.93	650.98	651.03	650.89	5	
	6	650.80	650.81	650.71-	650.77	650.79	650.77	650.83	650.84	650.95	651.00+	650.95	650.87	6	
	7	650.77	650.83	650.72	650.80	650.79	650.76	650.81	650.86	650.94	651.00+	650.96	650.86	7	
	8	650.75-	650.87	650.71-	650.77	650.78	650.75	650.83	650.88	650.92	650.99	650.94	650.88	8	
	9	650.81	650.86	650.73	650.74-	650.77	650.76	650.83	650.88	650.91	650.97	650.98	650.84	9	
	10	650.78	650.92+	650.80	650.79	650.80	650.75	650.84	650.90	650.94	650.95	650.95	650.85	10	
m ü.M.	11	650.77	650.80	650.79	650.83	650.83	650.72-	650.81	650.86	650.94	650.94	651.00	650.90	11	
	12	650.76	650.78	650.76	650.82	650.80	650.74	650.81	650.88	650.91	650.98	651.00	650.96	12	
	13	650.83	650.84	650.78	650.79	650.77	650.78	650.82	650.94	650.90	650.98	650.94	650.95	13	
	14	650.88	650.79	650.80	650.79	650.70	650.81	650.79	650.88	650.93	650.98	650.97	650.91	14	
	15	650.84	650.82	650.82	650.76	650.69-	650.80	650.75	650.86	650.94	650.98	651.02	650.91	15	
	16	650.88	650.75	650.82	650.75	650.74	650.80	650.76	650.83	650.94	650.96	651.00	650.95	16	
	17	650.88	650.76	650.84	650.80	650.80	650.80	650.77	650.87	650.96+	650.91	650.99	650.94	17	
	18	650.91	650.77	650.87	650.86	650.84	650.79	650.80	650.92	650.95	650.86-	650.94	650.88	18	
	19	650.93+	650.77	650.80	650.89	650.86+	650.79	650.84	650.90	650.93	650.86-	650.85	650.86	19	
	20	650.87	650.79	650.86	650.91	650.82	650.79	650.86	650.89	650.92	650.89	650.82-	650.83	20	
+ Maximum	21	650.79	650.81	650.91	650.89	650.83	650.79	650.84	650.88	650.91	650.95	650.85	650.79-	21	
	22	650.79	650.77	650.96	650.81	650.84	650.78	650.84	650.90	650.90	650.89	650.86	650.84	22	
	23	650.76	650.74-	650.96	650.77	650.83	650.78	650.85	650.89	650.91	650.86-	650.86	650.88	23	
	24	650.77	650.79	650.91	650.79	650.77	650.81	650.86	650.86	650.95	650.90	650.86	650.89	24	
	25	650.75-	650.82	650.94	650.83	650.78	650.84+	650.85	650.91	650.89	650.90	650.89	650.88	25	
	- Minimum	26	650.81	650.81	650.93	650.83	650.80	650.82	650.84	650.96+	650.85-	650.87	650.94	650.88	26
		27	650.90	650.80	650.91	650.84	650.80	650.79	650.83	650.90	650.85-	650.88	650.99	651.10+	27
		28	650.90	650.92+	650.85	650.83	650.80	650.83	650.88	650.88	650.86	650.92	650.99	651.00	28
		29	650.90		650.83	650.81	650.79	650.83	650.90+	650.88	650.87	650.92	650.95	650.83	29
		30	650.84		650.84	650.82	650.76	650.78	650.87	650.88	650.87	650.88	650.97	650.81	30
		31	650.80		650.85		650.75		650.85	650.91	650.87	650.87		650.84	31
Monatsumme	650.83	650.81	650.85	650.82	650.79-	650.79-	650.82	650.88	650.91	650.92	650.95+	650.90	m ü.M.		
Spitze Datum	650.96 4.	650.98 10.	651.00 3.	650.93 3.	650.87 18.	650.86- 25.	650.91 28.	650.98 26.	650.97 17.	651.02 7.	651.15+ 4.	651.14 27.	m ü.M.		
Amplitude	0.23	0.26	0.31	0.20	0.19	0.14	0.20	0.17	0.13-	0.18	0.34	0.36+	m		

Jahr Mittel: 650.86 Spitze: 651.15 (04.11.2014) Minimum: 650.68 (14.05.2014) Amplitude: 0.47



Periode 2000 - 2014 (15 Jahre)													
Monatsumme	650.72	650.72	650.71	650.71	650.70-	650.71	650.73	650.74	650.75	650.76+	650.75	650.73	m ü.M.
Monats-Spitze Jahr	651.38+ 2009	651.20 2009	651.31 2009	651.17 2009	651.16- 2009	651.26 2009	651.21 2013	651.21 2013	651.28 2013	651.27 2008	651.31 2008	651.23 2008	m ü.M.
Monats-Minimum Jahr	650.35 2006	650.32 2001	650.26- 2006	650.34 2006	650.34 2004	650.35 2005	650.38+ 2005	650.37 2002	650.36 2002	650.30 2002	650.38+ 2003	650.29 2005	m ü.M.
Monats-Amplitude Jahr	0.71+ 2002	0.57 2002	0.49 2002	0.35 2008	0.42 2002	0.29 2004	0.31 2004	0.28- 2004	0.42 2004	0.53 2000	0.66 2001	0.66 2001	m
Periode	Mittel: 650.73		Spitze: 651.38 (23.01.2009)				Minimum: 650.26 (12.03.2006)				Amplitude: 1.12		



Grundwasserstände



Orpheus Mini

Nr. 2091 Neuheim - Hoflinde (SPB 200, Sand AG)

Koordinaten: 687°541.00 / 227°947.00

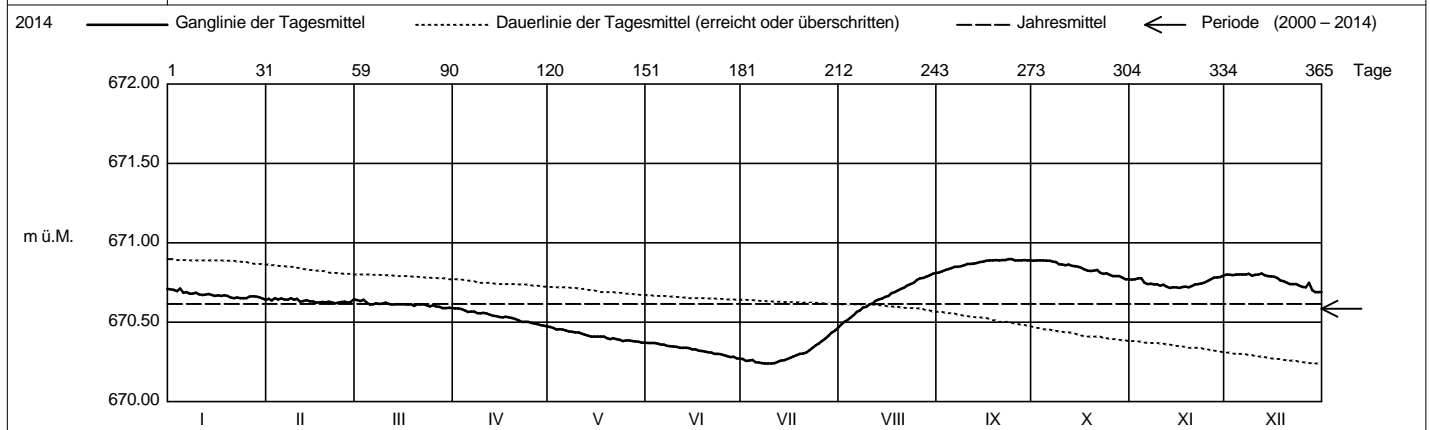
Abstichpunkt: 710.57 m ü.M. OK Terrain: 710.76 m ü.M.

KANTON ZUG

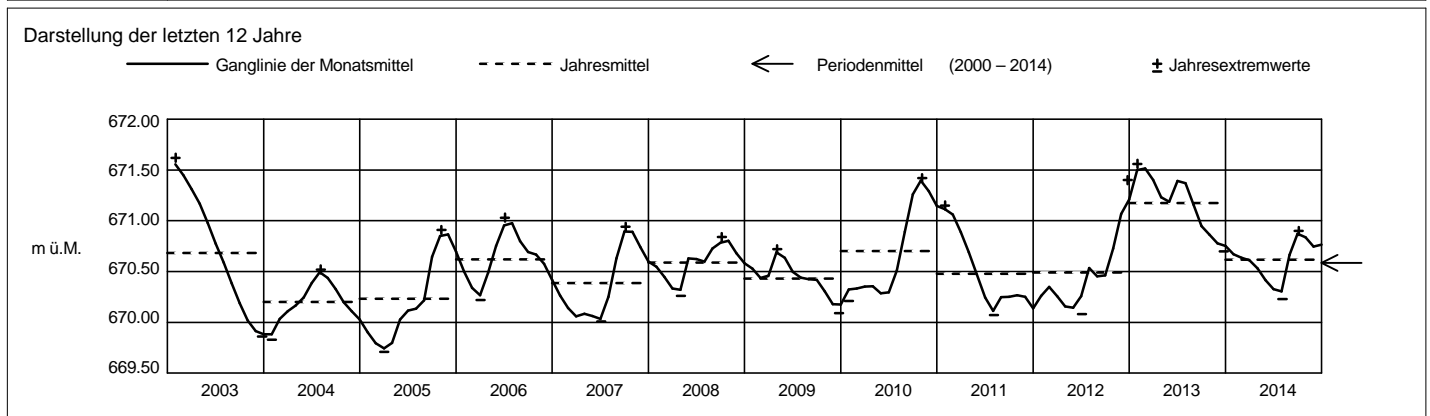
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	670.71+	670.65+	670.64+	670.59+	670.47+	670.37+	670.27	670.49-	670.81-	670.89+	670.77	670.80	1
	2	670.71+	670.64	670.63	670.59+	670.46	670.37+	670.26	670.50	670.82	670.89+	670.77	670.80	2
	3	670.70	670.65+	670.64+	670.58	670.45	670.37+	670.26	670.51	670.83	670.89+	670.78	670.80	3
	4	670.71+	670.64	670.62	670.58	670.46	670.37+	670.26	670.53	670.84	670.89+	670.78	670.80	4
	5	670.69	670.65+	670.61	670.57	670.45	670.36	670.25	670.55	670.84	670.89+	670.75	670.80	5
	6	670.69	670.64	670.61	670.57	670.45	670.36	670.25	670.57	670.85	670.89+	670.74	670.80	6
	7	670.68	670.64	670.62	670.57	670.44	670.35	670.24-	670.58	670.85	670.88	670.74	670.80	7
	8	670.68	670.65+	670.62	670.56	670.44	670.35	670.24-	670.59	670.85	670.88	670.74	670.81+	8
	9	670.69	670.64	670.62	670.56	670.44	670.35	670.24-	670.60	670.86	670.87	670.74	670.79	9
	10	670.68	670.65+	670.62	670.56	670.44	670.34	670.24-	670.61	670.87	670.86	670.73	670.80	10
m ü.M.	11	670.67	670.63	670.62	670.56	670.43	670.34	670.24-	670.62	670.87	670.86	670.74	670.80	11
	12	670.67	670.63	670.61	670.55	670.42	670.34	670.25	670.64	670.87	670.86	670.72-	670.81+	12
	13	670.68	670.64	670.61	670.54	670.42	670.34	670.26	670.64	670.87	670.86	670.72-	670.80	13
	14	670.67	670.63	670.61	670.54	670.41	670.34	670.26	670.65	670.88	670.85	670.72-	670.79	14
	15	670.67	670.63	670.61	670.53	670.41	670.33	670.27	670.66	670.88	670.85	670.72-	670.79	15
	16	670.67	670.62-	670.61	670.53	670.41	670.33	670.28	670.67	670.89	670.84	670.72-	670.79	16
	17	670.67	670.63	670.61	670.53	670.41	670.32	670.28	670.68	670.89	670.83	670.72-	670.78	17
	18	670.67	670.63	670.61	670.53	670.41	670.32	670.29	670.69	670.89	670.83	670.72-	670.76	18
	19	670.67	670.63	670.60	670.53	670.40	670.32	670.30	670.70	670.89	670.82	670.72-	670.76	19
	20	670.66	670.63	670.61	670.52	670.39	670.31	670.30	670.71	670.89	670.83	670.73	670.75	20
+ Maximum	21	670.65	670.63	670.61	670.51	670.40	670.31	670.31	670.72	670.89	670.83	670.74	670.74	21
	22	670.66	670.62-	670.61	670.50	670.39	670.30	670.32	670.73	670.89	670.81	670.74	670.74	22
	23	670.65	670.62-	670.61	670.50	670.39	670.30	670.34	670.74	670.90+	670.81	670.75	670.74	23
	24	670.65	670.63	670.60	670.50	670.38	670.30	670.35	670.75	670.90+	670.81	670.75	670.73	24
	25	670.65	670.63	670.61	670.50	670.39	670.29	670.37	670.77	670.89	670.80	670.76	670.72	25
	26	670.66	670.62-	670.60	670.49	670.39	670.29	670.38	670.78	670.89	670.79	670.77	670.72	26
	27	670.66	670.63	670.60	670.49	670.38	670.28	670.40	670.78	670.89	670.79	670.78	670.75	27
	28	670.66	670.65+	670.59-	670.48	670.38	670.28	670.41	670.79	670.89	670.79	670.78	670.70	28
	29	670.66		670.59-	670.48	670.38	670.27-	670.43	670.80	670.89	670.78	670.78	670.69-	29
	30	670.65		670.59-	670.47-	670.37-	670.27-	670.45	670.80	670.89	670.77-	670.79+	670.69-	30
31	670.64-		670.59-		670.37-		670.46+	670.81+		670.77-		670.69-	31	
Monatsumme		670.67	670.63	670.61	670.53	670.41	670.33	670.31-	670.67	670.87+	670.84	670.75	670.77	m ü.M.
Spitze Datum		670.72 1.	670.66 1.	670.65 2.	670.59 1.	670.47 1.	670.37- 1.	670.47 31.	670.81 30.	670.90+ 19.	670.89 1.	670.80 30.	670.81 1.	m ü.M.
Amplitude		0.08	0.05-	0.07	0.12	0.10	0.10	0.24	0.33+	0.09	0.12	0.09	0.13	m

Jahr Mittel: 670.62 Spitze: 670.90 (19.09.2014) Minimum: 670.23 (06.07.2014) Amplitude: 0.67



Periode		2000 - 2014 (15 Jahre)												
Monatsumme		670.60	670.55	670.49-	670.50	670.54	670.53	670.56	670.60	670.65	670.69+	670.66	670.63	m ü.M.
Monats-Spitze Jahr		671.62 2003	671.57 2003	671.49 2013	671.32 2013	671.83+ 2001	671.47 2013	671.45 2013	671.28- 2013	671.36 2010	671.42 2010	671.39 2009	671.53 2002	m ü.M.
Monats-Minimum Jahr		669.83 2004	669.75 2005	669.71- 2005	669.74 2005	669.91 2005	670.01 2007	670.07 2011	670.12+ 2002	670.10 2003	669.94 2003	669.87 2003	669.86 2003	m ü.M.
Monats-Amplitude Jahr		0.25 2012	0.22- 2003	0.27 2001	0.57 2001	0.73+ 2001	0.43 2012	0.34 2007	0.47 2010	0.35 2005	0.46 2012	0.53 2002	0.27 2012	m
Periode		Mittel: 670.59			Spitze: 671.83 (29.05.2001)			Minimum: 669.71 (15.03.2005)			Amplitude: 2.12			



Grundwasserstände



Orpheus Mini

Nr. 2178 Menzingen - Schurtannen

Koordinaten: 687'442 / 224'282

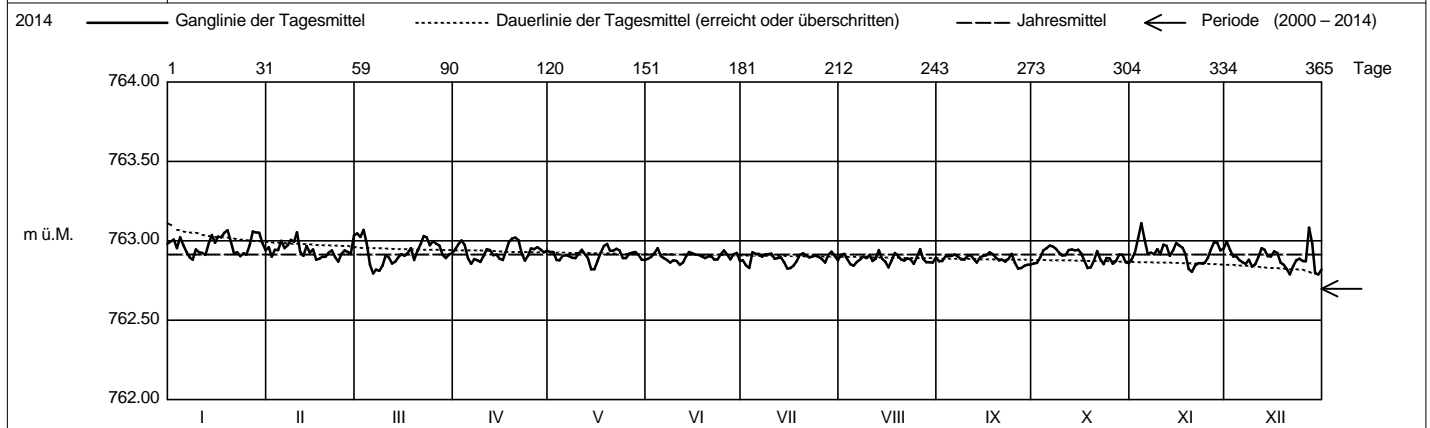
Abstichpunkt: 839.325 m ü.M. OK Terrain: 839.46 m ü.M.

KANTON ZUG

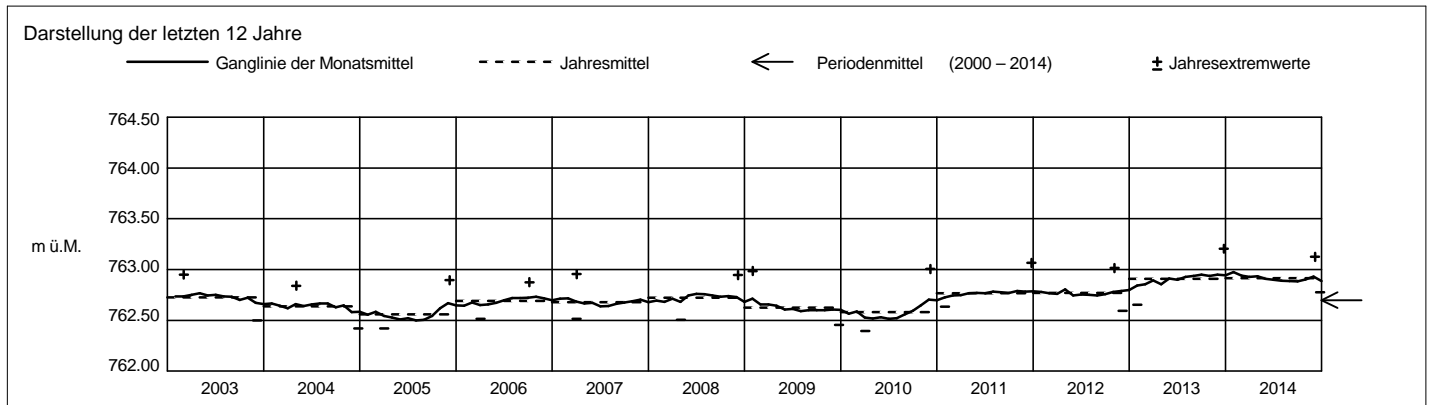
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	762.98	762.96	763.05	762.95	762.93	762.89	762.88	762.91	762.87	762.86	762.88	762.99	1
	2	763.01	762.90	763.02	762.98	762.93	762.90	762.85	762.92	762.87	762.86	762.93	762.95	2
	3	762.95	762.94	763.07+	763.00	762.88	762.92	762.83-	762.89	762.90	762.90	763.02	762.90	3
	4	763.02	762.94	762.98	762.97	762.88	762.95+	762.93+	762.85	762.90	762.94	763.11+	762.90	4
	5	762.97	763.00	762.85	762.89	762.91	762.90	762.92	762.84	762.91	762.95	763.01	762.88	5
	6	762.93	762.95	762.80-	762.86-	762.91	762.89	762.92	762.87	762.91	762.97+	762.92	762.87	6
	7	762.90	762.97	762.82	762.89	762.90	762.88	762.90	762.88	762.90	762.97+	762.93	762.86	7
	8	762.88-	763.01	762.81	762.88	762.89	762.86	762.92	762.89	762.88	762.95	762.92	762.88	8
	9	762.95	763.00	762.84	762.87	762.89	762.88	762.92	762.89	762.88	762.93	762.95	762.84	9
	10	762.93	763.05+	762.91	762.91	762.92	762.87	762.92	762.92	762.91	762.91	762.92	762.85	10
m ü.M.	11	762.92	762.93	762.90	762.95	762.95	762.85-	762.89	762.87	762.91	762.91	762.98	762.90	11
	12	762.91	762.91	762.86	762.92	762.92	762.86	762.89	762.89	762.88	762.94	762.97	762.95	12
	13	762.98	762.97	762.87	762.91	762.89	762.90	762.90	762.94	762.86	762.95	762.91	762.94	13
	14	763.04	762.93	762.90	762.91	762.82-	762.93	762.87	762.89	762.90	762.94	762.94	762.90	14
	15	762.99	762.95	762.92	762.89	762.82-	762.92	762.83-	762.87	762.91	762.94	762.99	762.90	15
	16	763.03	762.88	762.91	762.88	762.87	762.91	762.83-	762.83-	762.91	762.92	762.97	762.93	16
	17	763.02	762.89	762.92	762.93	762.93	762.91	762.84	762.88	762.93+	762.88	762.96	762.92	17
	18	763.05	762.90	762.95	762.99	762.97	762.90	762.87	762.92	762.92	762.83-	762.92	762.86	18
	19	763.07+	762.90	762.88	763.02+	762.98+	762.89	762.91	762.91	762.89	762.83-	762.82	762.85	19
	20	763.00	762.93	762.94	763.02+	762.94	762.90	762.92	762.88	762.88	762.88	762.80-	762.82	20
+ Maximum	21	762.92	762.94	762.98	763.00	762.94	762.90	762.91	762.88	762.88	762.94	762.85	762.79-	21
	22	762.93	762.90	763.03	762.92	762.95	762.88	762.90	762.89	762.87	762.88	762.86	762.84	22
	23	762.90	762.87-	763.02	762.88	762.94	762.88	762.90	762.88	762.89	762.85	762.86	762.88	23
	24	762.92	762.92	762.97	762.91	762.89	762.92	762.91	762.86	762.92	762.89	762.86	762.89	24
	25	762.91	762.94	763.00	762.95	762.89	762.94	762.90	762.90	762.86	762.89	762.89	762.87	25
	26	762.97	762.93	762.98	762.95	762.92	762.91	762.89	762.95+	762.83-	762.86	762.94	762.87	26
	27	763.06	762.92	762.97	762.96	762.93	762.88	762.86	762.89	762.83-	762.87	762.99	763.08+	27
	28	763.05	763.04	762.91	762.95	762.93	762.92	762.91	762.87	762.84	762.91	762.99	762.98	28
	29	763.05		762.89	762.93	762.91	762.92	762.93+	762.87	762.85	762.91	762.94	762.80	29
	30	762.99		762.91	762.94	762.88	762.87	762.91	762.86	762.85	762.87	762.95	762.79-	30
	31	762.94		762.92	762.92	762.88	762.87	762.88	762.89	762.85	762.86	762.82	762.82	31
Monatsmittel		762.97+	762.94	762.93	762.93	762.91	762.90	762.89	762.89	762.88-	762.90	762.93	762.89	m ü.M.
Spitze Datum		763.09 4.	763.11 10.	763.10 3.	763.03 19.	762.99 18.	762.98 4.	762.97 4.	762.98 13.	762.94- 17.	763.00 21.	763.13+ 4.	763.13+ 27.	m ü.M.
Amplitude		0.22	0.25	0.31	0.18	0.18	0.13	0.16	0.15	0.12-	0.17	0.33	0.35+	m

Jahr Mittel: 762.91 Spitze: 763.13 (04.11.2014) Minimum: 762.78 (21.12.2014) Amplitude: 0.35



Periode		2000 - 2014 (15 Jahre)												
Monatsmittel		762.70	762.71	762.69	762.69	762.69	762.68-	762.69	762.69	762.70	762.71	762.72+	762.71	m ü.M.
Monats-Spitze Jahr		763.09 2014	763.11 2014	763.10 2014	763.03 2013	763.08 2013	762.99- 2013	763.01 2013	763.00 2013	763.06 2013	763.06 2013	763.14 2013	763.21+ 2013	m ü.M.
Monats-Minimum Jahr		762.43 2010	762.36- 2001	762.40 2010	762.40 2000	762.41 2010	762.42 2005	762.42 2005	762.43 2005	762.45 2005	762.48+ 2000	762.45 2000	762.42 2004	m ü.M.
Monats-Amplitude Jahr		0.42 2010	0.39 2001	0.44 2007	0.35 2000	0.29 2004	0.26 2002	0.21- 2001	0.23 2007	0.25 2000	0.35 2000	0.48+ 2010	0.45 2010	m
Periode		Mittel: 762.70		Spitze: 763.21 (25.12.2013)				Minimum: 762.36 (11.02.2001)				Amplitude: 0.85		



Grundwasserstände



Orpheus Mini

Nr. 2207 Menzingen - Winzwilen

Koordinaten: 687'792 / 226'997

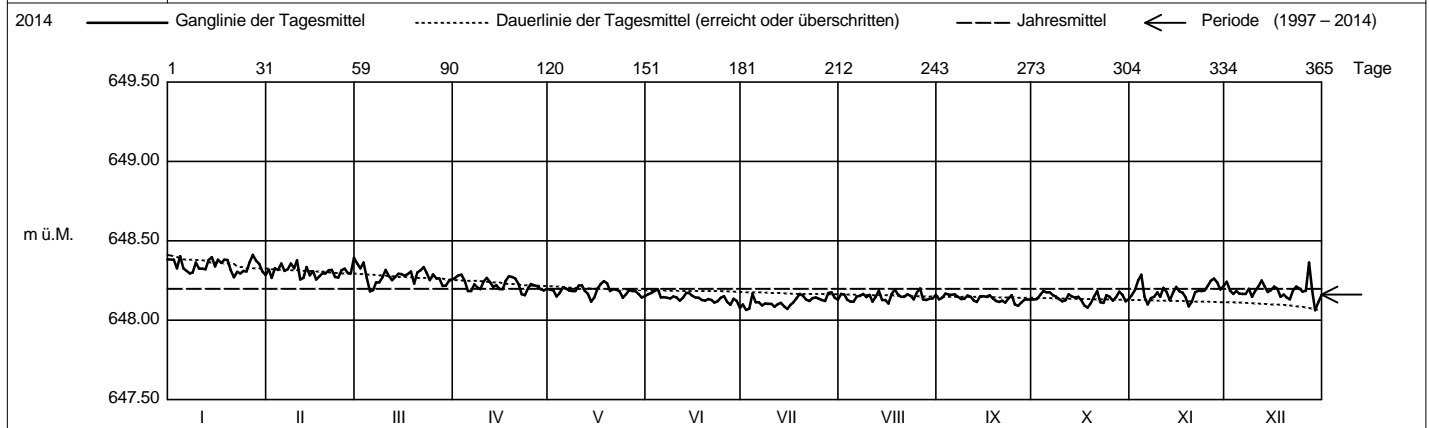
Abstichpunkt: 673.29 m ü.M. OK Terrain: 673.63 m ü.M.

KANTON ZUG

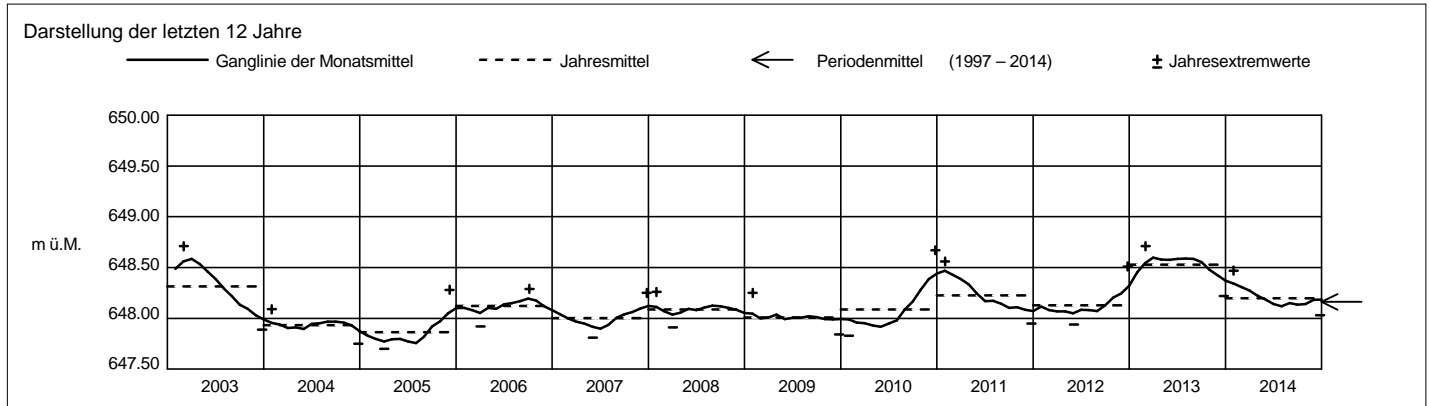
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	648.38	648.32	648.36+	648.27	648.19	648.16	648.10	648.17	648.13	648.13	648.16	648.24	1
	2	648.38	648.27	648.33	648.28	648.19	648.17	648.07-	648.16	648.14	648.13	648.19	648.19	2
	3	648.33	648.33	648.36+	648.29+	648.15	648.18	648.07-	648.13	648.17+	648.16	648.25	648.17	3
	4	648.40	648.32	648.27	648.25	648.17	648.20+	648.16	648.12	648.16	648.18+	648.29+	648.18	4
	5	648.33	648.36	648.18-	648.18	648.20	648.14	648.11	648.12	648.16	648.18+	648.15	648.17	5
	6	648.31	648.31	648.19	648.18	648.20	648.15	648.11	648.15	648.16	648.18+	648.10	648.16	6
	7	648.30	648.32	648.24	648.23	648.19	648.14	648.09	648.15	648.15	648.16	648.14	648.17	7
	8	648.30	648.36	648.24	648.21	648.18	648.14	648.11	648.16	648.13	648.15	648.15	648.20	8
	9	648.36	648.33	648.27	648.20	648.18	648.15	648.10	648.15	648.14	648.13	648.18	648.15	9
	10	648.33	648.38	648.32	648.25	648.22	648.14	648.10	648.16	648.16	648.12	648.15	648.19	10
m ü.M.	11	648.32	648.26-	648.28	648.27	648.22	648.12	648.09	648.12	648.15	648.13	648.21	648.22	11
	12	648.32	648.27	648.25	648.24	648.19	648.14	648.10	648.15	648.12	648.16	648.18	648.25	12
	13	648.38	648.34	648.27	648.21	648.17	648.17	648.11	648.19	648.12	648.15	648.13	648.21	13
	14	648.40	648.28	648.29	648.22	648.12-	648.17	648.09	648.13	648.15	648.14	648.17	648.18	14
	15	648.34	648.31	648.29	648.20	648.14	648.15	648.07-	648.13	648.15	648.15	648.21	648.19	15
	16	648.38	648.26-	648.28	648.20	648.20	648.14	648.10	648.11-	648.15	648.13	648.18	648.21	16
	17	648.36	648.28	648.29	648.25	648.23	648.14	648.11	648.16	648.16	648.09	648.17	648.20	17
	18	648.38	648.30	648.31	648.28	648.25+	648.13	648.14	648.19	648.14	648.08-	648.15	648.15	18
	19	648.38	648.29	648.23	648.27	648.23	648.12	648.17	648.16	648.12	648.11	648.09-	648.16	19
	20	648.32	648.32	648.30	648.26	648.18	648.13	648.15	648.15	648.12	648.15	648.12	648.14	20
+ Maximum	21	648.27-	648.32	648.31	648.23	648.20	648.13	648.13	648.15	648.12	648.18+	648.18	648.13	21
	22	648.31	648.27	648.34	648.16-	648.19	648.11	648.12	648.16	648.11	648.19	648.19	648.19	22
	23	648.29	648.27	648.30	648.16-	648.18	648.12	648.14	648.15	648.14	648.11	648.18	648.21	23
	24	648.31	648.32	648.25	648.20	648.14	648.14	648.14	648.13	648.16	648.16	648.19	648.20	24
	25	648.31	648.32	648.29	648.23	648.16	648.15	648.14	648.18	648.10	648.15	648.22	648.18	25
	26	648.37	648.30	648.26	648.22	648.19	648.12	648.13	648.20+	648.09-	648.12	648.25	648.19	26
	27	648.41+	648.29	648.26	648.21	648.18	648.10	648.12	648.13	648.11	648.15	648.26	648.36+	27
	28	648.38	648.39+	648.22	648.20	648.18	648.14	648.17	648.13	648.13	648.18+	648.24	648.18	28
	29	648.36		648.22	648.19	648.17	648.12	648.18+	648.14	648.13	648.16	648.19	648.06-	29
	30	648.31		648.25	648.20	648.14	648.08-	648.14	648.14	648.13	648.12	648.22	648.11	30
31	648.28		648.26		648.15		648.13	648.16		648.13		648.16	31	
Monatsumme		648.34+	648.31	648.27	648.22	648.18	648.14	648.12-	648.15	648.14	648.14	648.18	648.18	m ü.M.
Spitze Datum		648.47+ 27.	648.44 10.	648.40 3.	648.30 2.	648.26 18.	648.22 4.	648.20 4.	648.23 13.	648.18- 3.	648.24 21.	648.31 4.	648.40 27.	m ü.M.
Amplitude		0.21	0.22	0.24	0.16	0.15	0.15	0.16	0.13	0.10-	0.17	0.24	0.37+	m

Jahr Mittel: 648.20 Spitze: 648.47 (27.01.2014) Minimum: 648.03 (29.12.2014) Amplitude: 0.44



Periode		1997 - 2014 (18 Jahre)												
Monatsumme		648.16	648.14-	648.14-	648.16	648.14-	648.14-	648.15	648.17	648.18	648.20+	648.20+	648.17	m ü.M.
Monats-Spitze Jahr		648.70 2003	648.71 2003	648.69 2013	649.30 2001	648.69 2013	648.67- 2013	648.70 1999	648.81 1999	648.86 1999	649.49 2000	650.17+ 2000	649.36 2000	m ü.M.
Monats-Minimum Jahr		647.73 2005	647.73 2005	647.70 2005	647.71 2005	647.72 2005	647.70 2005	647.70 2005	647.71 2005	647.82+ 1998	647.82+ 1997	647.38 2000	647.33- 2000	m ü.M.
Monats-Amplitude Jahr		0.35 2010	0.32 2013	0.34 2008	1.17 2001	0.26 1999	0.24 1999	0.24 1999	0.27 2005	0.23- 2000	1.27 2000	2.79+ 2000	2.03 2000	m
Periode		Mittel: 648.16		Spitze: 650.17 (12.11.2000)			Minimum: 647.33 (31.12.2000)			Amplitude: 2.84				



Grundwasserstände



Orpheus Mini

Nr. 2338 Menzingen - KIBAG 6 / Wösch

Koordinaten: 686'057 / 225'657

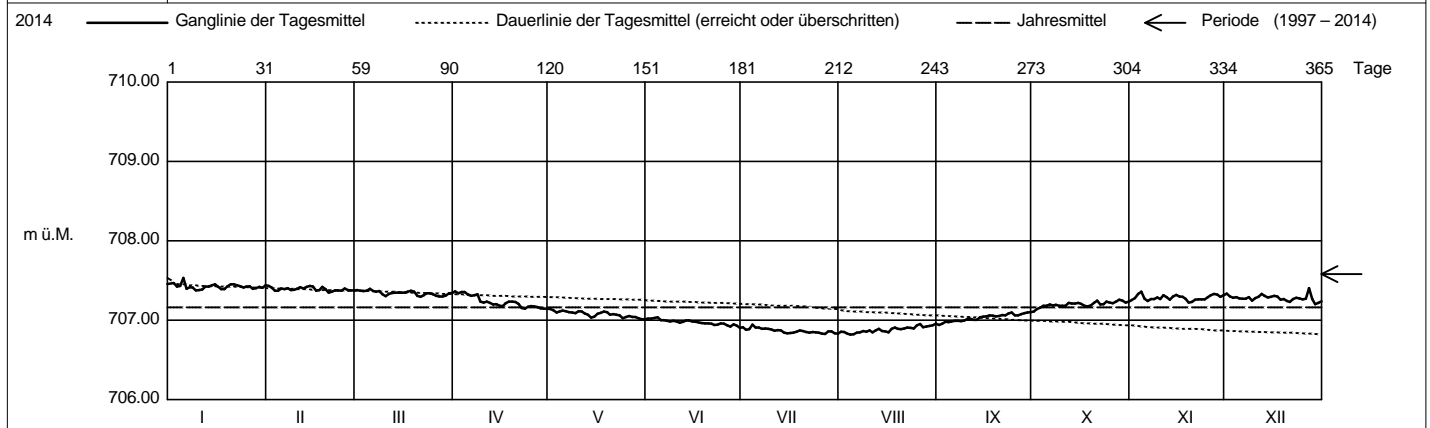
Abstichpunkt: 768.83 m ü.M. OK Terrain: 768.84 m ü.M.

KANTON ZUG

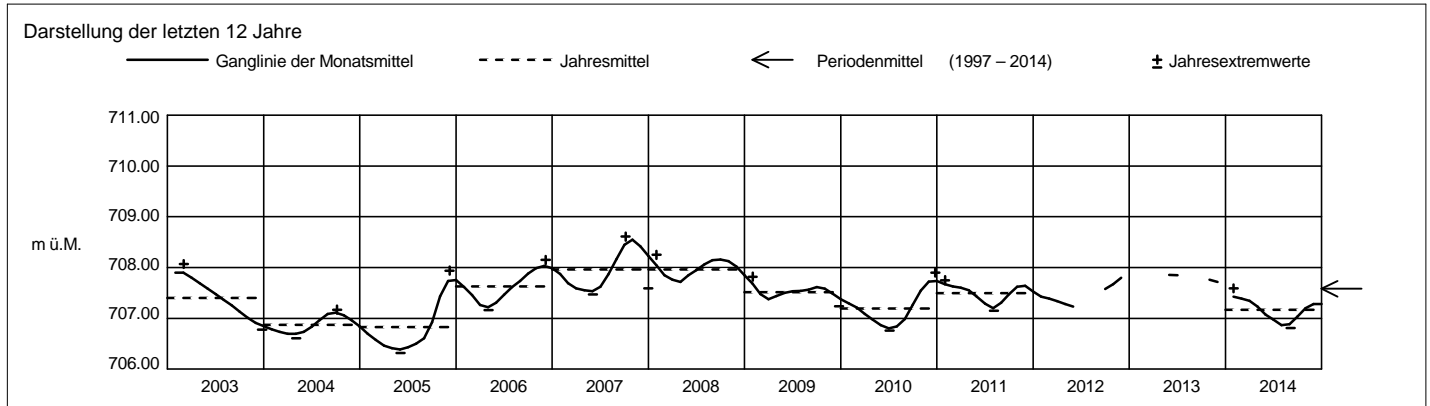
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tagesmittel	1	707.46	707.43+	707.38	707.36+	707.14+	707.02	706.91	706.85	706.94-	707.11-	707.25	707.33	1		
	2	707.47	707.41	707.37	707.34	707.13	707.02	706.88	706.85	706.96	707.14	707.28	707.30	2		
	3	707.43	707.37	707.37	707.36+	707.10	707.03	706.89	706.83	706.98	707.16	707.33	707.28	3		
	4	707.43	707.37	707.37	707.35	707.11	707.04+	706.95+	706.82-	706.98	707.18	707.36+	707.29	4		
	5	707.53+	707.40	707.40+	707.32	707.12	707.00	706.91	706.82-	706.98	707.18	707.27	707.28	5		
	6	707.40	707.39	707.37	707.31	707.11	707.00	706.91	706.85	706.99	707.20	707.24	707.27	6		
	7	707.41	707.41	707.36	707.31	707.10	706.99	706.89	706.85	706.99	707.19	707.27	707.27	7		
	8	707.41	707.38	707.37	707.33	707.10	706.99	706.90	706.86	706.99	707.19	707.27	707.29	8		
	9	707.38-	707.39	707.33	707.23	707.09	706.99	706.89	706.86	707.00	707.18	707.29	707.25	9		
	10	707.38-	707.40	707.31	707.22	707.11	706.98	706.88	706.87	707.02	707.18	707.27	707.28	10		
	m ü.M.	11	707.39	707.42	707.33	707.23	707.11	706.97	706.87	706.85	707.02	707.18	707.31	707.30	11	
		12	707.43	707.40	707.34	707.22	707.09	706.98	706.87	706.87	707.01	707.22	707.29	707.33	12	
		13	707.42	707.42	707.35	707.20	707.07	707.00	706.87	706.89	707.01	707.21	707.26	707.31	13	
		14	707.44	707.43+	707.35	707.20	707.03	707.00	706.84	706.86	707.04	707.21	707.30	707.29	14	
		15	707.45	707.42	707.35	707.18	707.05	706.98	706.83-	706.86	707.04	707.22	707.32	707.29	15	
		16	707.43	707.37	707.35	707.18	707.08	706.98	706.84	706.85	707.05	707.21	707.30	707.31	16	
		17	707.39	707.38	707.36	707.21	707.09	706.97	706.84	706.89	707.06	707.18	707.30	707.30	17	
		18	707.39	707.42	707.37	707.23	707.11	706.96	706.86	706.91	707.06	707.18	707.27	707.26	18	
		19	707.43	707.39	707.36	707.24	707.10	706.96	706.87	706.89	707.05	707.19	707.22-	707.27	19	
		20	707.45	707.35-	707.31	707.23	707.07	706.96	706.86	706.89	707.05	707.22	707.23	707.24	20	
		+ Maximum	21	707.45	707.36	707.30-	707.21	707.08	706.96	706.85	706.89	707.07	707.25	707.26	707.23	21
	22		707.44	707.38	707.32	707.16	707.07	706.94	706.84	706.91	707.06	707.20	707.26	707.27	22	
	23		707.43	707.37	707.34	707.15-	707.06	706.95	706.85	706.90	707.08	707.20	707.26	707.28	23	
	24		707.41	707.37	707.34	707.17	707.03	706.96	706.85	706.90	707.10+	707.24	707.26	707.28	24	
	25		707.42	707.40	707.33	707.18	707.04	706.96	706.84	706.94	707.06	707.22	707.29	707.26	25	
	- Minimum		26	707.43	707.38	707.31	707.18	707.05	706.94	706.83-	706.95	707.06	707.22	707.31	707.27	26
			27	707.40	707.38	707.30-	707.16	707.04	706.92	706.83-	706.91	707.08	707.24	707.33	707.40+	27
			28	707.40	707.38	707.30-	707.15-	707.04	706.95	706.86	706.92	707.09	707.26+	707.32	707.27	28
			29	707.42		707.31	707.15-	707.02	706.93	706.86	706.93	707.10+	707.25	707.29	707.20-	29
			30	707.41		707.34	707.15-	707.01-	706.90-	706.84	706.94	707.10+	707.22	707.32	707.22	30
			31	707.44		707.34		707.01-		706.83-	706.96+		707.23		707.24	31
Monatsumme	707.42+	707.39	707.34	707.23	707.08	706.97	706.87-	706.88	707.03	707.20	707.28	707.28	m ü.M.			
Spitze Datum	707.59+ 5.	707.45 13.	707.42 5.	707.38 1.	707.16 2.	707.06 4.	706.97- 4.	706.99 25.	707.11 23.	707.30 21.	707.38 3.	707.45 27.	m ü.M.			
Amplitude	0.24	0.11-	0.13	0.26	0.15	0.16	0.15	0.18	0.17	0.20	0.17	0.27+	m			

Jahr Mittel: 707.16 Spitze: 707.59 (05.01.2014) Minimum: 706.81 (04.08.2014) Amplitude: 0.78



Periode		1997 - 2014 (18 Jahre)												
Monatsumme		707.66	707.59	707.52	707.49	707.43-	707.48	707.53	707.60	707.62	707.68	707.72+	707.66	m ü.M.
Monats-Spitze Jahr		709.44 2002	709.33 2002	709.10 2002	709.02 2002	708.75 1999	709.28 1999	709.53 1999	709.59+ 1999	709.38 1999	708.60- 2007	709.06 2001	708.91 2001	m ü.M.
Monats-Minimum Jahr		706.57 2005	706.48 2005	706.39 2005	706.34 2005	706.22- 2002	706.36 2005	706.41 2005	706.51 2005	706.69 2005	706.91+ 2003	706.84 2003	706.69 2004	m ü.M.
Monats-Amplitude Jahr		1.12 2002	0.43 2002	0.39 2002	1.62+ 2002	1.50 2002	0.53 1999	0.32- 1999	0.37 2007	0.49 2005	0.48 2005	0.78 2001	0.70 2001	m
Periode		Mittel: 707.58		Spitze: 709.59 (10.08.1999)				Minimum: 706.22 (18.05.2002)				Amplitude: 3.37		



Grundwasserstände



Orpheus Mini

Nr. 3161 Hünenberg - Drälikon

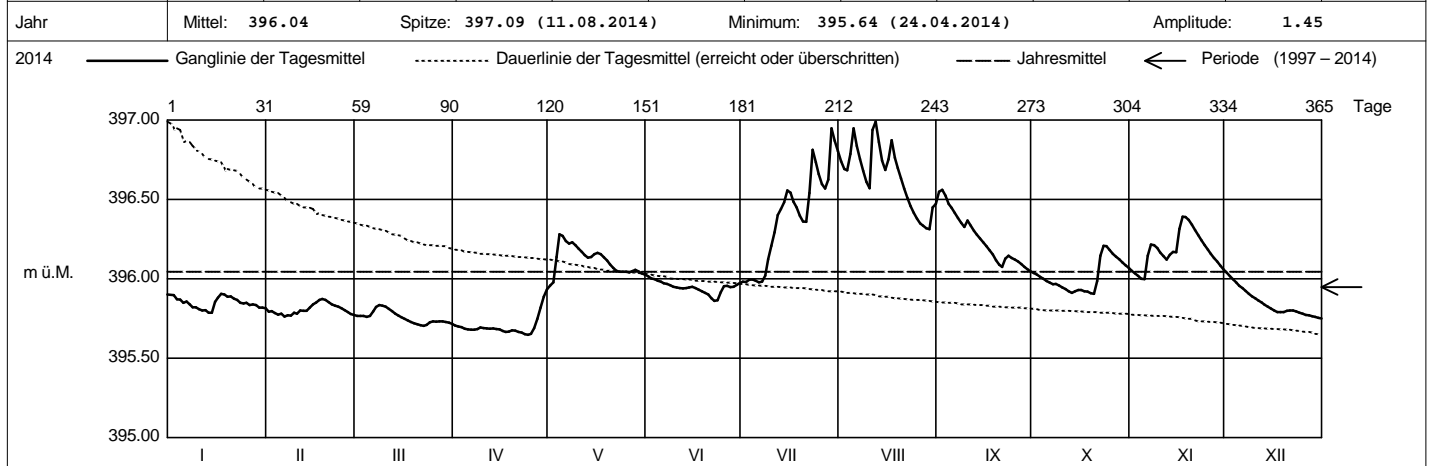
Koordinaten: 673'698 / 225'948

Abstichpunkt: 398.57 m ü.M. OK Terrain: 398.13 m ü.M.

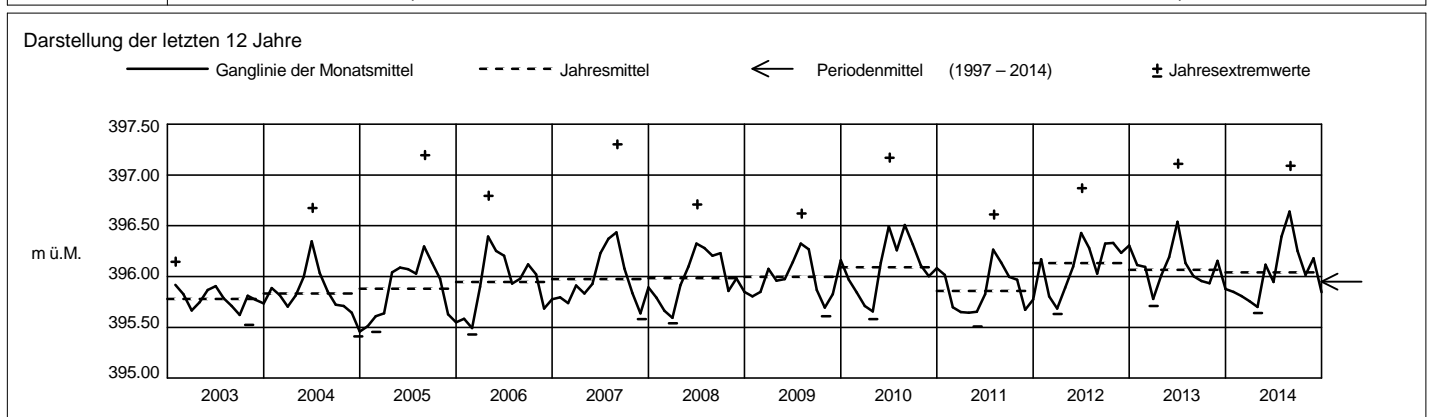
KANTON ZUG

Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tagesmittel	1	395.90	395.79	395.77	395.71	395.96-	396.02+	395.98-	396.74	396.55	396.04	396.05	396.04+	1		
	2	395.90	395.80	395.77	395.70	395.98	396.00	395.98-	396.69	396.56+	396.03	396.03	396.02	2		
	3	395.87	395.79	395.77	395.70	396.14	396.00	396.00	396.68	396.52	396.01	396.02	396.00	3		
	4	395.87	395.78	395.76	395.69	396.28+	395.99	396.00	396.79	396.47	396.00	396.00-	395.98	4		
	5	395.85	395.78	395.77	395.68	396.27	395.98	395.99	396.95	396.45	396.99	396.00-	395.96	5		
	6	395.86	395.76-	395.80	395.68	396.24	395.97	395.98-	396.84	396.42	395.98	396.15	395.94	6		
	7	395.84	395.77	395.82	395.68	396.22	395.97	395.98-	396.76	396.38	395.97	396.22	395.92	7		
	8	395.82	395.77	395.83+	395.68	396.23	395.96	396.02	396.68	396.52	395.97	396.21	395.91	8		
	9	395.82	395.79	395.83+	395.69	396.21	395.95	396.12	396.61	396.33	395.96	396.19	395.89	9		
	10	395.81	395.78	395.82	395.69	396.19	395.95	396.21	396.57	396.37	395.95	396.17	395.88	10		
	m ü.M.	11	395.80	395.80	395.81	395.69	396.17	395.94	396.29	396.94	396.34	395.94	396.14	395.86	11	
		12	395.80	395.80	395.80	395.69	396.15	395.94	396.40	396.99+	396.30	395.92	396.12	395.85	12	
		13	395.79-	395.80	395.78	395.69	396.13	395.94	396.44	396.86	396.28	395.91-	396.15	395.84	13	
		14	395.79-	395.82	395.77	395.68	396.14	395.95	396.48	396.75	396.26	395.92	396.17	395.83	14	
		15	395.86	395.84	395.76	395.68	396.16	395.95	396.56	396.69	396.23	395.93	396.17	395.81	15	
		16	395.88	395.85	395.75	395.67	396.16	395.94	396.54	396.75	396.21	395.93	396.32	395.80	16	
		17	395.91+	395.87+	395.74	395.67	396.16	395.93	396.49	396.87	396.18	395.92	396.39+	395.79	17	
		18	395.90	395.87+	395.73	395.67	396.14	395.92	396.45	396.76	396.15	395.92	396.39+	395.79	18	
		19	395.89	395.87+	395.72	395.68	396.12	395.91	396.40	396.70	396.12	395.91-	396.37	395.79	19	
		20	395.89	395.85	395.72	395.67	396.09	395.90	396.36	396.63	396.09	395.91-	396.34	395.80	20	
		+ Maximum	21	395.88	395.84	395.71	395.67	396.07	395.88	396.36	396.57	396.08	395.99	396.31	395.80	21
	22		395.87	395.83	395.70-	395.66	396.05	395.86-	396.54	396.51	396.13	396.15	396.27	395.80	22	
	23		395.85	395.83	395.71	395.65-	396.04	395.87	396.81	396.46	396.15	396.21+	396.24	395.80	23	
	24		395.85	395.81	395.73	395.65-	396.05	395.92	396.73	396.42	396.13	396.21+	396.21	395.79	24	
	25		395.85	395.80	395.73	395.65-	396.05	395.95	396.66	396.38	396.12	396.18	396.18	395.78	25	
	- Minimum		26	395.84	395.79	395.73	395.69	396.04	395.96	396.60	396.35	396.11	396.16	396.16	395.77	26
			27	395.84	395.78	395.73	395.75	396.05	395.95	396.57	396.34	396.09	396.14	396.13	395.77	27
			28	395.84	395.77	395.73	395.82	396.06	395.95	396.63	396.32	396.08	396.12	396.11	395.77	28
			29	395.82		395.73	395.89	396.05	395.96	396.95+	396.31-	396.06	396.10	396.08	395.76	29
			30	395.82		395.73	395.93+	396.04	395.97	396.87	396.45	396.05-	396.09	396.06	395.76	30
			31	395.81		395.72		396.03		396.81	396.47	396.07			395.75-	31
Monatsmittel	395.85	395.81	395.76	395.70-	396.12	395.95	396.39	396.64+	396.25	396.02	396.18	395.85	m ü.M.			
Spitze Datum	395.91 1.	395.88 17.	395.84- 7.	395.95 30.	396.29 4.	396.02 1.	396.97 29.	397.09+ 11.	396.57 1.	396.21 23.	396.40 17.	396.05 1.	m ü.M.			
Amplitude	0.14	0.12-	0.14	0.31	0.34	0.17	1.00+	0.79	0.53	0.31	0.42	0.30	m			
Jahr	Mittel: 396.04		Spitze: 397.09 (11.08.2014)				Minimum: 395.64 (24.04.2014)				Amplitude: 1.45					



Periode		1997 - 2014 (18 Jahre)											
Monatsmittel	395.82	395.75-	395.79	395.85	396.01	396.16+	396.16+	396.11	396.03	395.94	395.89	395.86	m ü.M.
Monats-Spitze Jahr	396.45- 2000	396.62 1999	396.59 2001	396.79 2006	397.16 1999	397.17 2010	396.97 2014	397.30+ 2007	396.65 2012	396.76 2016	396.65 2005	396.63 2012	m ü.M.
Monats-Minimum Jahr	395.35 1999	395.43 2006	395.50 1997	395.33 1997	395.40 1997	395.48 1998	395.69+ 1998	395.55 1998	395.53 2003	395.43 1997	395.29 1997	395.27- 1997	m ü.M.
Monats-Amplitude Jahr	0.74 2000	1.08 1999	1.01 2001	0.86 2008	1.15 1999	0.86 2010	1.00 2014	1.28+ 2005	0.65- 2002	0.69 2012	0.66 1998	0.78 1999	m
Periode	Mittel: 395.95		Spitze: 397.30 (09.08.2007)				Minimum: 395.27 (11.12.1997)				Amplitude: 2.03		



Grundwasserstände



Orpheus

Nr. 3215 Hünenberg - Reusspitz

Koordinaten: 673'688 / 231'941

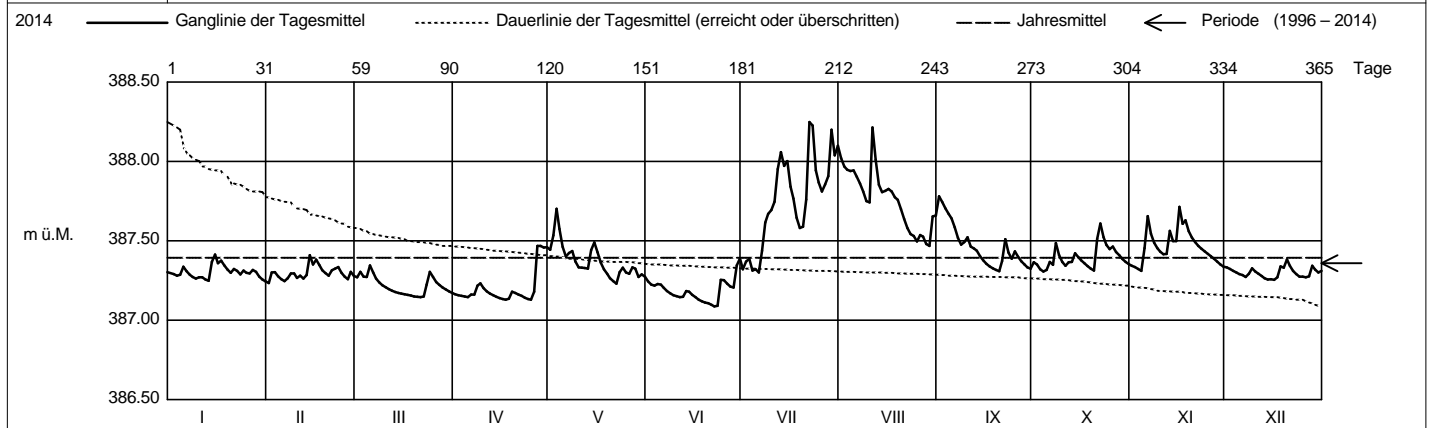
Abstichpunkt: 388.915 m ü.M. OK Terrain: 387.94 m ü.M.

KANTON ZUG

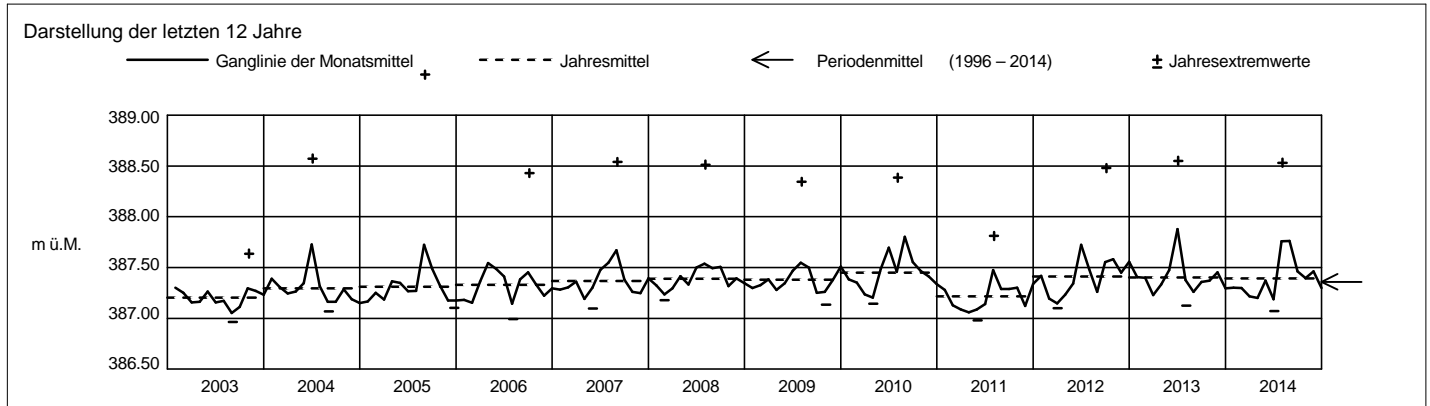
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	387.30	387.23-	387.27	387.16	387.44	387.25	387.32	388.02	387.78+	387.37	387.34	387.33	1
	2	387.29	387.30	387.31	387.16	387.54	387.23	387.37	387.97	387.74	387.35	387.34	387.32	2
	3	387.28	387.30	387.27	387.15	387.70+	387.22	387.39	387.95	387.70	387.32	387.32	387.31	3
	4	387.29	387.28	387.27	387.15	387.58	387.23	387.31	387.94	387.67	387.31-	387.31-	387.30	4
	5	387.34	387.26	387.35+	387.15	387.46	387.22	387.32	387.94	387.64	387.32	387.45	387.29	5
	6	387.31	387.25	387.30	387.16	387.40	387.20	387.30-	387.90	387.59	387.37	387.66	387.29	6
	7	387.29	387.26	387.26	387.16	387.42	387.18	387.44	387.86	387.52	387.35	387.54	387.27	7
	8	387.27	387.29	387.24	387.22	387.44	387.17	387.62	387.81	387.48	387.49	387.49	387.29	8
	9	387.26	387.29	387.22	387.23	387.37	387.16	387.67	387.75	387.49	387.41	387.46	387.33	9
	10	387.27	387.27	387.21	387.20	387.33	387.15	387.69	387.74	387.52	387.37	387.43	387.31	10
m ü.M.	11	387.27	387.28	387.20	387.18	387.33	387.15	387.75	388.21+	387.46	387.34	387.42	387.29	11
	12	387.26	387.26	387.19	387.17	387.33	387.15	387.95	388.01	387.45	387.36	387.42	387.28	12
	13	387.25	387.28	387.18	387.16	387.33	387.18	388.06	387.85	387.44	387.37	387.56	387.27	13
	14	387.37	387.41+	387.17	387.15	387.44	387.18	387.97	387.81	387.40	387.42	387.50	387.26	14
	15	387.41+	387.35	387.17	387.14	387.49	387.16	388.00	387.82	387.38	387.40	387.50	387.26	15
	16	387.36	387.38	387.16	387.13-	387.43	387.15	387.84	387.83	387.36	387.38	387.71+	387.25-	16
	17	387.38	387.35	387.16	387.13-	387.36	387.13	387.77	387.81	387.34	387.36	387.61	387.27	17
	18	387.34	387.32	387.15-	387.14	387.32	387.12	387.65	387.78	387.33	387.34	387.63	387.34	18
	19	387.32	387.30	387.15-	387.18	387.29	387.11	387.58	387.76	387.32	387.32	387.56	387.33	19
	20	387.30	387.28	387.15-	387.17	387.27	387.11	387.59	387.70	387.31-	387.31-	387.52	387.38+	20
	+ Maximum	21	387.32	387.32	387.15-	387.16	387.25	387.10	387.76	387.64	387.37	387.51	387.49	387.34
22		387.31	387.33	387.15-	387.15	387.23-	387.09-	388.25+	387.58	387.51	387.61+	387.47	387.31	22
23		387.29	387.34	387.23	387.14	387.30	387.09-	388.23	387.54	387.43	387.52	387.45	387.29	23
24		387.31	387.30	387.31	387.13-	387.33	387.25	387.94	387.53	387.39	387.47	387.43	387.27	24
25		387.30	387.27	387.27	387.13-	387.30	387.25	387.87	387.50	387.43	387.45	387.42	387.28	25
26		387.29	387.26	387.24	387.18	387.29	387.23	387.81	387.54	387.40	387.47	387.40	387.27	26
27		387.32	387.30	387.22	387.47+	387.33	387.21	387.86	387.53	387.37	387.43	387.39	387.28	27
28		387.31	387.28	387.21	387.47+	387.32	387.21	387.91	387.48	387.35	387.41	387.37	387.34	28
29		387.27		387.19	387.46	387.27	387.35	388.20	387.47-	387.33	387.39	387.35	387.32	29
30		387.26		387.18	387.46	387.29	387.39+	388.04	387.65	387.32	387.37	387.34	387.30	30
31		387.24-		387.17	387.28	387.28		388.10	387.66	387.35	387.35		387.31	31
Monatsumme	387.30	387.30	387.22	387.20	387.37	387.19-	387.76+	387.76+	387.46	387.39	387.46	387.30	m ü.M.	
Spitze Datum	387.48 14.	387.44 14.	387.37- 5.	387.54 30.	387.74 3.	387.46 29.	388.53+ 22.	388.41 11.	387.79 1.	387.64 22.	387.75 16.	387.40 20.	m ü.M.	
Amplitude	0.24	0.21	0.22	0.42	0.52	0.39	1.28+	0.97	0.49	0.34	0.44	0.15-	m	

Jahr Mittel: 387.39 Spitze: 388.53 (22.07.2014) Minimum: 387.07 (22.06.2014) Amplitude: 1.46



Periode		1996 - 2014 (19 Jahre)												
Monatsumme		387.32	387.29	387.27-	387.28	387.37	387.47+	387.44	387.43	387.39	387.36	387.35	387.35	m ü.M.
Monats-Spitze Jahr		387.74- 2004	387.82 1999	387.74- 2001	387.82 2008	388.90 1999	388.57 2004	388.53 2014	389.40+ 2005	388.48 2012	388.47 2017	388.00 2002	387.82 1999	m ü.M.
Monats-Minimum Jahr		387.09+ 2006	387.07 2006	387.05 2011	387.02 2011	386.98 2011	387.03 2003	386.99 2006	386.97- 2003	387.04 2003	387.09+ 2003	387.08 2011	387.08 2011	m ü.M.
Monats-Amplitude Jahr		0.59 2004	0.49- 2013	0.62 2001	0.59 2008	1.50 1999	1.26 2004	1.30 2008	2.24+ 2005	1.21 2006	1.18 2012	0.74 2002	0.71 2011	m
Periode		Mittel: 387.36		Spitze: 389.40 (23.08.2005)				Minimum: 386.97 (13.08.2003)				Amplitude: 2.43		



Grundwasserstände

Nr. 3229 Hünenberg - Vordere Stadelmatt

KANTON ZUG



Orpheus

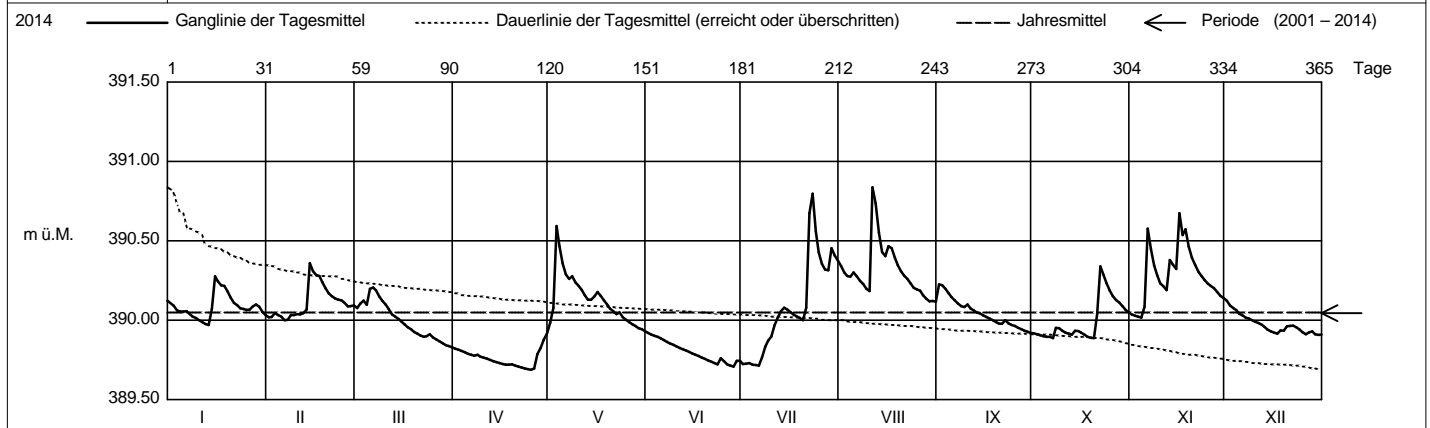
Koordinaten: 673'832 / 230'434

Amt für Umweltschutz

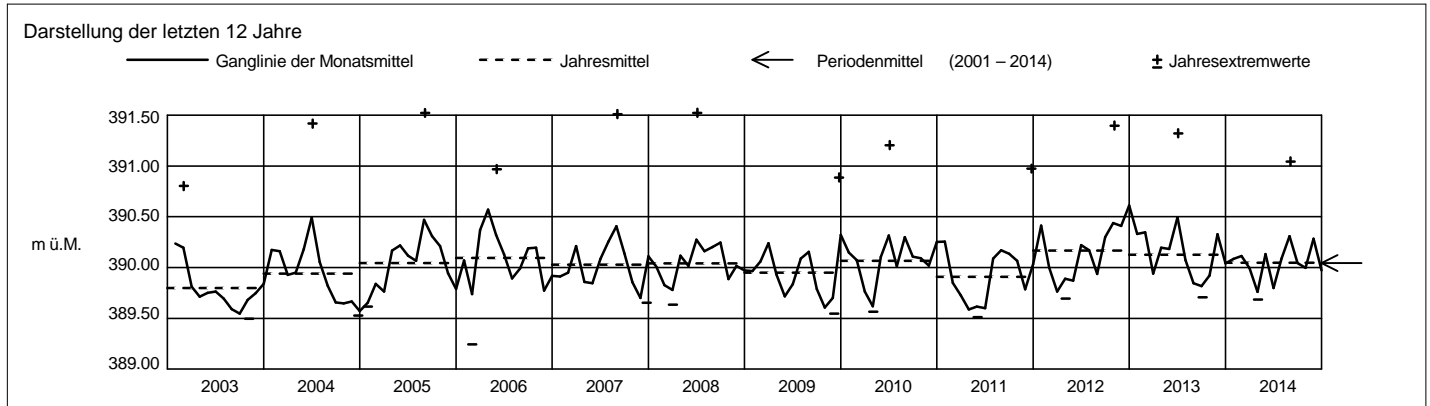
Abstichpunkt: 391.555 m ü.M. OK Terrain: 391.65 m ü.M.

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	390.12	390.02	390.08	389.82	389.99	389.92+	389.72	390.34	390.23+	389.92	390.04	390.12+	1
	2	390.09	390.02	390.11	389.81	390.08	389.91	389.73	390.30	390.22	389.91	390.03	390.09	2
	3	390.06	390.05	390.12	389.81	390.59+	389.90	389.73	390.28	390.20	389.91	390.02-	390.08	3
	4	390.06	390.03	390.10	389.80	390.47	389.90	389.72	390.28	390.17	389.90	390.02-	390.06	4
	5	390.06	390.02	390.20	389.79	390.36	389.89	389.72	390.30	390.15	389.90	390.09-	390.04	5
	6	390.06	390.00-	390.21+	389.78	390.29	389.87	389.71-	390.28	390.13	389.90	390.58	390.03	6
	7	390.04	390.00-	390.19	389.78	390.26	389.86	389.77	390.25	390.11	389.89-	390.45	390.02	7
	8	390.02	390.03	390.15	389.78	390.28	389.85	389.83	390.23	390.09	389.95	390.34	390.01	8
	9	390.01	390.03	390.12	389.77	390.24	389.84	389.87	390.20	390.08	389.95	390.28	390.00	9
	10	390.00	390.04	390.10	389.76	390.22	389.84	389.90	390.18	390.10	389.93	390.23	389.99	10
m ü.M.	11	389.99	390.04	390.07	389.76	390.19	389.82	389.97	390.84+	390.07	389.92	390.22	389.98	11
	12	389.98	390.04	390.04	389.75	390.16	389.82	390.02	390.74	390.06	389.92	390.19	389.97	12
	13	389.97-	390.07	390.02	389.74	390.13	389.81	390.06	390.55	390.05	389.91	390.38	389.96	13
	14	390.07	390.36+	390.01	389.74	390.13	389.80	390.08	390.43	390.04	389.93	390.35	389.94	14
	15	390.28+	390.31	389.99	389.73	390.15	389.79	390.07	390.40	390.03	389.93	390.32	389.93	15
	16	390.24	390.28	389.97	389.73	390.18	389.78	390.05	390.47	390.02	389.92	390.67+	389.92	16
	17	390.22	390.28	389.96	389.72	390.15	389.77	390.04	390.45	390.01	389.91	390.54	389.92	17
	18	390.22	390.24	389.94	389.72	390.13	389.76	390.02	390.39	390.00	389.90	390.57	389.94	18
	19	390.18	390.20	389.93	389.72	390.10	389.76	390.01	390.35	389.99	389.89-	390.47	389.93	19
	20	390.14	390.17	389.92	389.71	390.07	389.75	390.00	390.31	389.98	389.89-	390.39	389.96	20
+ Maximum	21	390.11	390.15	389.90	389.71	390.06	389.74	390.08	390.28	389.98	390.04	390.35	389.96	21
	22	390.10	390.14	389.89	389.70	390.04	389.73	390.67	390.26	390.00	390.34+	390.31	389.97	22
	23	390.08	390.13	389.90	389.70	390.05	389.72	390.80+	390.23	389.98	390.28	390.28	389.96	23
	24	390.07	390.12	389.91	389.69-	390.02	389.76	390.56	390.20	389.97	390.23	390.25	389.94	24
	25	390.07	390.11	389.89	389.69-	390.00	389.74	390.43	390.19	389.96	390.19	390.23	389.92	25
	26	390.07	390.09	389.88	389.70	389.99	389.72	390.36	390.19	389.95	390.15	390.22	389.91-	26
	27	390.09	390.09	389.87	389.79	389.97	389.71-	390.32	390.16	389.94	390.13	390.20	389.92	27
	28	390.10	390.09	389.86	389.82	389.96	389.71-	390.32	390.14	389.93	390.11	390.18	389.93	28
	29	390.08		389.84	389.88	389.95	389.74	390.45	390.12-	389.93	390.09	390.15	389.91-	29
	30	390.05		389.84	389.92+	389.94	389.74	390.41	390.12-	389.92-	390.07	390.14	389.91-	30
	31	390.03		389.83-		389.93-		390.38	390.12-		390.05		389.91-	31
Monatsumme		390.09	390.11	389.99	389.76-	390.13	389.80	390.09	390.31+	390.04	390.00	390.28	389.97	m ü.M.
Spitze Datum		390.28 15.	390.38 14.	390.21 5.	389.97 30.	390.67 3.	389.93- 1.	391.01 22.	391.04+ 11.	390.24 1.	390.37 22.	390.75 16.	390.14 1.	m ü.M.
Amplitude		0.32	0.39	0.39	0.28	0.75	0.22-	1.30+	0.94	0.32	0.49	0.75	0.23	m

Jahr Mittel: 390.05 Spitze: 391.04 (11.08.2014) Minimum: 389.69 (25.04.2014) Amplitude: 1.35



Periode 2001 - 2014 (14 Jahre)													
Monatsumme	390.09	390.01	390.00	389.99-	390.04	390.10+	390.05	390.10+	390.05	390.02	390.01	390.07	m ü.M.
Monats-Spitze Jahr	390.95 2012	390.89- 2013	391.22 2001	391.03 2013	391.02 2002	391.52+ 2008	391.01 2014	391.52+ 2005	391.23 2008	391.40 2012	391.11 2011	391.23 2012	m ü.M.
Monats-Minimum Jahr	389.51 2006	389.24- 2006	389.63+ 2011	389.55 2011	389.51 2011	389.56 2011	389.62 2011	389.53 2003	389.50 2003	389.50 2003	389.55 2009	389.53 2004	m ü.M.
Monats-Amplitude Jahr	1.11 2004	0.92- 2006	1.43 2001	1.09 2013	1.26 2002	1.71+ 2008	1.30 2014	1.51 2005	1.30 2002	1.32 2012	0.97 2012	1.32 2011	m
Periode	Mittel: 390.04		Spitze: 391.52 (11.06.2008)				Minimum: 389.24 (06.02.2006)				Amplitude: 2.28		



Grundwasserstände



Orpheus

Nr. 4162 Oberägeri - Morgarten / Balmi

Koordinaten: 691'223.40 / 217'491.42

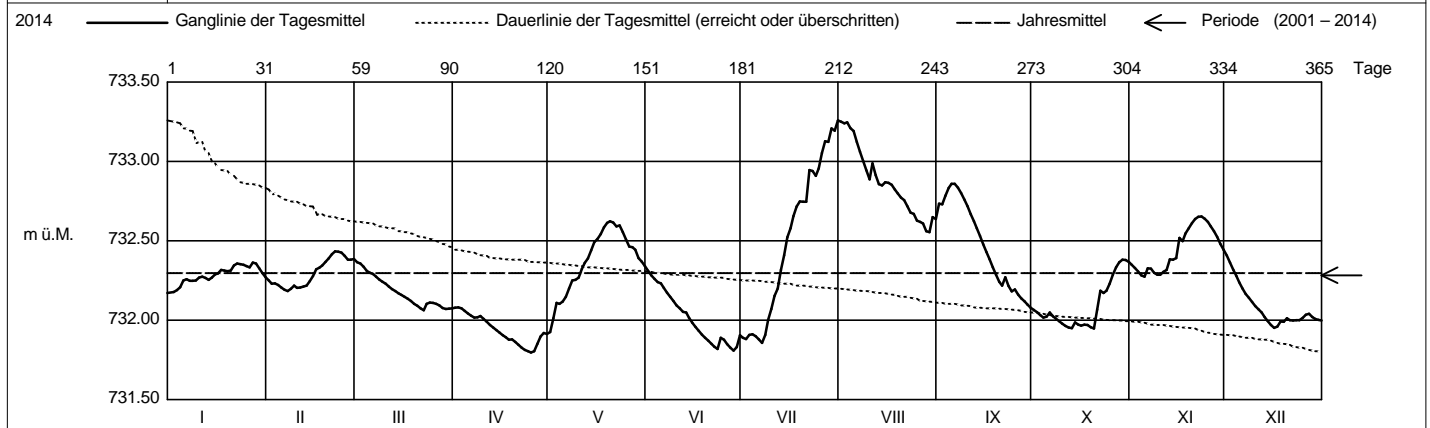
Abstichpunkt: 734.305 m ü.M. OK Terrain: 733.53 m ü.M.

KANTON ZUG

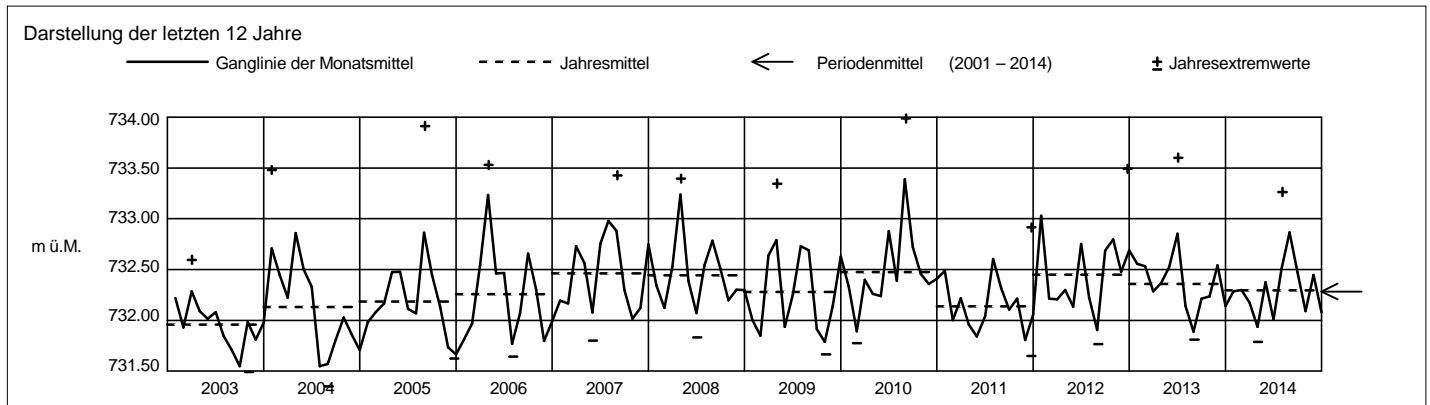
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	732.17-	732.25	732.37+	732.08+	731.93-	732.31+	731.89	733.25+	732.73	732.07	732.35	732.41+	1
	2	732.18	732.23	732.36	732.08+	732.01	732.28	731.88	733.24	732.73	732.05	732.33	732.36	2
	3	732.19	732.23	732.34	732.07	732.11	732.26	731.91	733.25+	732.78	732.03	732.31	732.32	3
	4	732.21	732.22	732.31	732.06	732.10	732.24	731.91	733.21	732.83	732.02	732.28	732.28	4
	5	732.25	732.21	732.30	732.04	732.12	732.23	731.90	733.19	732.86+	732.02	732.27-	732.24	5
	6	732.26	732.19	732.29	732.03	732.15	732.20	731.88	733.12	732.86+	732.05	732.33	732.20	6
	7	732.25	732.18-	732.28	732.02	732.20	732.17	731.86-	733.06	732.83	732.03	732.33	732.17	7
	8	732.25	732.20	732.26	732.02	732.25	732.15	731.91	733.00	732.80	732.01	732.30	732.14	8
	9	732.25	732.22	732.24	732.03	732.26	732.12	732.00	732.94	732.76	732.00	732.29	732.12	9
	10	732.27	732.20	732.23	732.01	732.27	732.09	732.07	732.89	732.72	731.98	732.29	732.09	10
m ü.M.	11	732.28	732.21	732.21	731.99	732.32	732.08	732.15	732.99	732.67	731.96	732.31	732.07	11
	12	732.27	732.20	731.97	732.36	732.05	732.20	732.20	732.92	732.62	731.95-	732.32	732.05	12
	13	732.26	732.22	732.18	731.95	732.39	732.05	732.32	732.86	732.58	731.95-	732.38	732.02	13
	14	732.27	732.25	732.17	731.94	732.44	732.02	732.41	732.85	732.53	731.99	732.38	731.99	14
	15	732.29	732.28	732.16	731.92	732.49	731.98	732.52	732.87	732.48	731.97	732.39	731.97	15
	16	732.29	732.32	732.15	731.91	732.51	731.96	732.58	732.87	732.43	731.97	732.52	731.95-	16
	17	732.32	732.33	732.13	731.89	732.54	731.93	732.66	732.85	732.38	731.97	732.50	731.96	17
	18	732.31	732.35	732.12	731.88	732.58	731.91	732.72	732.82	732.33	731.97	732.55	731.99	18
	19	732.31	732.37	732.10	731.88	732.61	731.89	732.75	732.80	732.29	731.96	732.58	731.99	19
	20	732.31	732.39	732.09	731.86	732.62+	731.87	732.75	732.77	732.24	731.95-	732.61	732.01	20
+ Maximum	21	732.35	732.42	732.07	731.85	732.61	731.85	732.75	732.76	732.22	732.07	732.64	732.00	21
	22	732.36+	732.43+	732.06-	731.83	732.59	731.83	732.95	732.72	732.27	732.19	732.65+	732.00	22
	23	732.35	732.43+	732.10	731.81	732.60	731.82	732.94	732.68	732.22	732.17	732.65+	732.00	23
	24	732.35	732.43+	732.11	731.80-	732.55	731.89	732.91	732.67	732.18	732.19	732.64	732.00	24
	25	732.34	732.41	732.11	731.80-	732.51	731.88	732.96	732.63	732.19	732.23	732.62	732.01	25
	26	732.33	732.38	732.10	731.80-	732.46	731.85	733.05	732.62	732.16	732.29	732.59	732.03	26
	27	732.36+	732.38	732.09	731.85	732.46	731.83	733.13	732.61	732.14	732.33	732.56	732.04	27
	28	732.36+	732.39	732.08	731.90	732.44	731.81-	733.12	732.56	732.12	732.37	732.52	732.02	28
	29	732.33		732.07	731.92	732.39	731.83	733.21	732.55-	732.10	732.38+	732.48	732.01	29
	30	732.30		732.07	731.91	732.37	731.91	733.19	732.65	732.08-	732.38+	732.44	732.00	30
31	732.27		732.07		732.34		733.26+	732.64		732.37		732.00	31	
Monatsumme	732.29	732.30	732.18	731.94-	732.37	732.01	732.51	732.87+	732.47	732.09	732.45	732.08	m ü.M.	
Spitze Datum	732.38 27.	732.44 22.	732.37 1.	732.08- 2.	732.63 20.	732.32 1.	733.26+ 31.	733.26+ 3.	732.87 5.	732.38 29.	732.66 22.	732.43 1.	m ü.M.	
Amplitude	0.22-	0.27	0.32	0.29	0.70	0.52	1.41+	0.74	0.79	0.44	0.40	0.48	m	

Jahr Mittel: 732.30 Spitze: 733.26 (31.07.2014) Minimum: 731.79 (25.04.2014) Amplitude: 1.47



Periode 2001 - 2014 (14 Jahre)													
Monatsumme	732.31	732.14-	732.37	732.46+	732.25	732.37	732.26	732.37	732.30	732.20	732.16	732.21	m ü.M.
Monats-Spitze Jahr	733.48 2004	732.81- 2013	733.44 2006	733.53 2006	733.29 2008	733.60 2013	733.48 2010	733.99+ 2010	733.30 2005	733.21 2012	733.28 2008	733.49 2012	m ü.M.
Monats-Minimum Jahr	731.71 2005	731.73 2006	731.85+ 2005	731.77 2011	731.69 2011	731.68 2004	731.42 2004	731.35- 2004	731.50 2003	731.49 2003	731.63 2005	731.62 2005	m ü.M.
Monats-Amplitude Jahr	1.49 2004	0.92 2012	1.48 2009	1.22 2009	1.41 2008	1.62 2004	1.46 2010	1.74+ 2005	1.23 2001	0.80- 2006	1.05 2002	1.32 2012	m
Periode	Mittel: 732.28		Spitze: 733.99 (06.08.2010)			Minimum: 731.35 (20.08.2004)			Amplitude: 2.64				



Grundwasserstände



Orpheus Mini

Nr. 4169 Oberägeri - Morgarten / Teufi / Seeblick

Koordinaten: 691'243 / 217'611

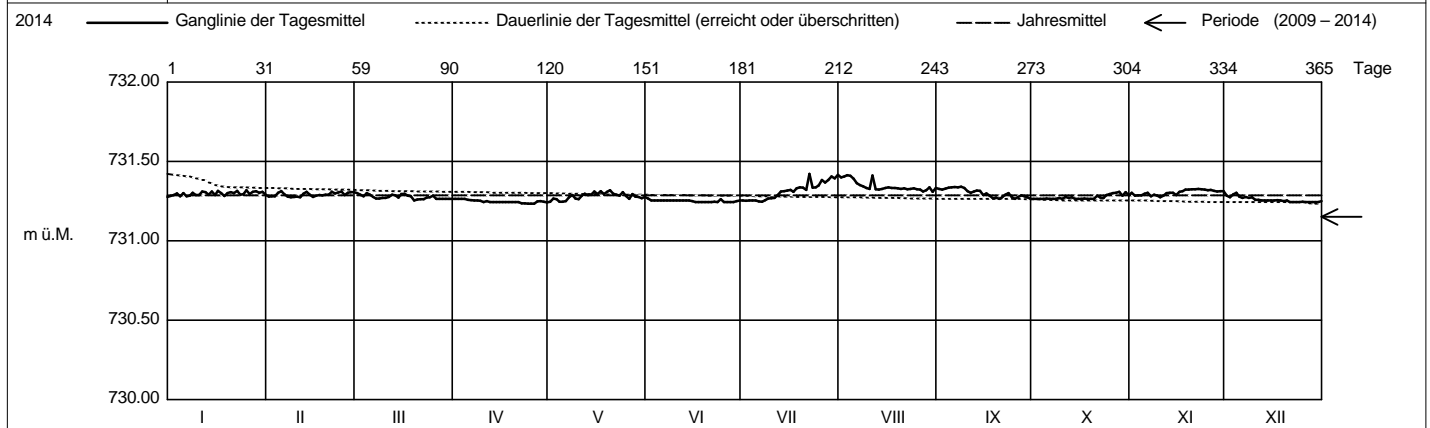
Abstichpunkt: 732.424 m ü.M. OK Terrain: ca. 731.4 m ü.M.

KANTON ZUG

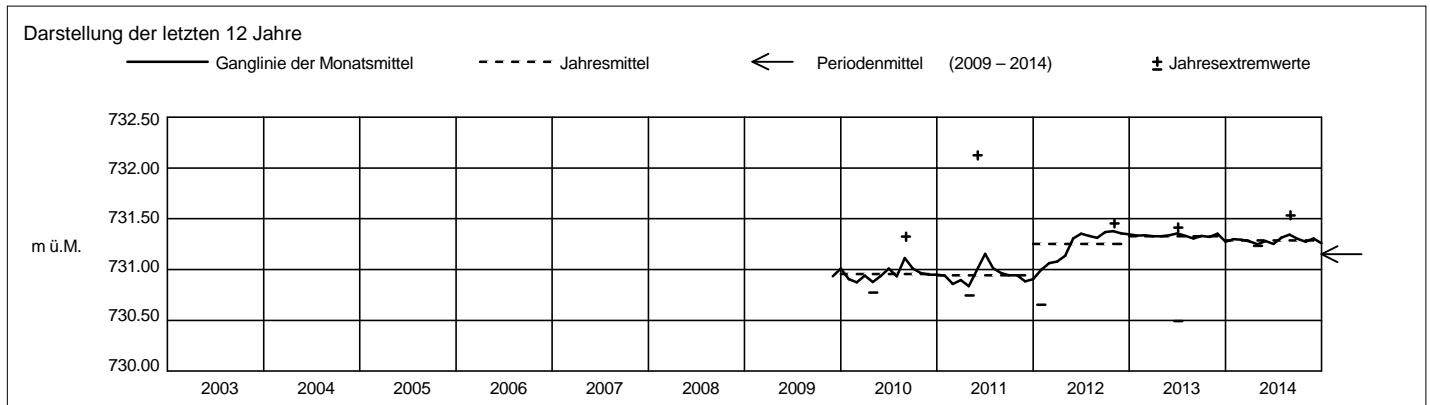
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	731.28-	731.28	731.30+	731.26+	731.25-	731.27+	731.25-	731.40	731.33	731.26-	731.30	731.28	1
	2	731.29	731.28	731.29	731.26+	731.27	731.25	731.25-	731.41+	731.32	731.26-	731.28	731.27	2
	3	731.30	731.28	731.28	731.26+	731.26	731.25	731.25	731.41+	731.33	731.26-	731.29	731.29	3
	4	731.28-	731.30	731.30+	731.26+	731.25-	731.25	731.25-	731.41+	731.34+	731.26-	731.29	731.30+	4
	5	731.30	731.31+	731.29	731.26+	731.25-	731.25	731.25	731.39	731.34+	731.27	731.30	731.28	5
	6	731.28-	731.29	731.28	731.26+	731.25-	731.25	731.25	731.36	731.34+	731.26-	731.30	731.27	6
	7	731.29	731.28	731.27	731.25	731.27	731.25	731.25-	731.35	731.34+	731.26-	731.28	731.28	7
	8	731.30	731.27-	731.27	731.25	731.29	731.25	731.26	731.34	731.34+	731.26-	731.29	731.27	8
	9	731.29	731.28	731.27	731.25	731.27	731.25	731.27	731.33	731.33	731.27	731.28	731.27	9
	10	731.29	731.28	731.27	731.24	731.26	731.25	731.27	731.33	731.31	731.26-	731.27-	731.26	10
m ü.M.	11	731.31	731.27-	731.28	731.25	731.29	731.25	731.27	731.41+	731.30	731.28	731.28	731.26	11
	12	731.31	731.29	731.29	731.24	731.30	731.25	731.29	731.31	731.30	731.27	731.30	731.25	12
	13	731.29	731.31+	731.29	731.24	731.29	731.25	731.31	731.32	731.32	731.27	731.30	731.25	13
	14	731.31	731.29	731.27	731.24	731.29	731.25	731.31	731.33	731.32	731.26-	731.30	731.25	14
	15	731.29	731.28	731.29	731.24	731.31	731.25	731.32	731.33	731.29	731.26-	731.29	731.25	15
	16	731.32+	731.28	731.30+	731.24	731.29	731.24-	731.32	731.34	731.30	731.26-	731.31	731.25	16
	17	731.30	731.29	731.28	731.24	731.31	731.24-	731.31	731.33	731.28	731.27	731.31	731.26	17
	18	731.28-	731.29	731.28	731.24	731.29	731.24-	731.33	731.33	731.27	731.26-	731.32	731.25	18
	19	731.30	731.29	731.25-	731.24	731.31	731.24-	731.34	731.33	731.27	731.26-	731.32	731.25	19
	20	731.31	731.29	731.26	731.24	731.32+	731.24-	731.33	731.33	731.26-	731.27	731.33+	731.25	20
+ Maximum	21	731.30	731.31+	731.26	731.24	731.30	731.24-	731.32	731.33	731.28	731.28	731.33+	731.24-	21
	22	731.32+	731.30	731.26	731.24	731.29	731.25	731.42+	731.33	731.29	731.27	731.33+	731.24-	22
	23	731.29	731.30	731.27	731.24	731.28	731.24-	731.33	731.33	731.30	731.27	731.32	731.24-	23
	24	731.29	731.31+	731.28	731.23-	731.31	731.26	731.34	731.33	731.28	731.29	731.32	731.24-	24
	25	731.32+	731.29	731.28	731.23-	731.28	731.24-	731.35	731.33	731.26-	731.29	731.32	731.25	25
	26	731.29	731.30	731.26	731.23-	731.26	731.24-	731.38	731.32	731.28	731.30	731.32	731.24-	26
	27	731.31	731.31+	731.26	731.25	731.29	731.24-	731.37	731.31-	731.29	731.30	731.31	731.24-	27
	28	731.31	731.31+	731.26	731.25	731.28	731.24-	731.38	731.32	731.28	731.31+	731.31	731.24-	28
	29	731.30		731.26	731.25	731.28	731.25	731.41	731.34	731.27	731.28	731.31	731.24-	29
	30	731.31		731.26	731.24	731.27	731.25	731.39	731.31-	731.26-	731.31+	731.31	731.24-	30
	31	731.29		731.26	731.24	731.28	731.25	731.42+	731.33	731.29	731.29	731.25	731.25	31
Monatsumme	731.30	731.29	731.28	731.25-	731.28	731.25-	731.32	731.35+	731.30	731.28	731.31	731.26	m ü.M.	
Spitze Datum	731.34 27.	731.34 21.	731.33 1.	731.26- 1.	731.33 11.	731.30 1.	731.51 22.	731.53+ 4.	731.35 5.	731.33 21.	731.33 18.	731.32 1.	m ü.M.	
Amplitude	0.08	0.08	0.08	0.03-	0.09	0.06	0.27+	0.26	0.09	0.07	0.06	0.08	m	

Jahr Mittel: 731.29 Spitze: 731.53 (04.08.2014) Minimum: 731.23 (22.04.2014) Amplitude: 0.30



Periode		2009 - 2014 (6 Jahre)											
Monatsumme	731.10	731.08-	731.10	731.08-	731.17	731.22+	731.19	731.21	731.19	731.18	731.16	731.12	m ü.M.
Monats-Spitze Jahr	731.37 2013	731.35 2013	731.34- 2013	731.37 2013	732.12+ 2011	731.41 2013	731.51 2014	731.53 2014	731.41 2012	731.45 2015	731.40 2012	731.43 2012	m ü.M.
Monats-Minimum Jahr	730.65 2012	730.80 2010	730.84 2011	730.74 2011	730.78 2010	730.49- 2013	730.77 2011	730.92+ 2011	730.92+ 2011	730.51 2013	730.85 2011	730.87 2011	m ü.M.
Monats-Amplitude Jahr	0.44 2012	0.30 2010	0.22- 2010	0.37 2011	1.28+ 2011	0.92 2013	0.46 2010	0.31 2010	0.28 2010	0.85 2013	0.23 2010	0.25 2009	m
Periode	Mittel: 731.15	Spitze: 732.12 (24.05.2011)					Minimum: 730.49 (24.06.2013)				Amplitude: 1.63		



Grundwasserstände



Orpheus Mini

Nr. 4222 Unterägeri - Buechholz

Koordinaten: 686658.86/220954.23

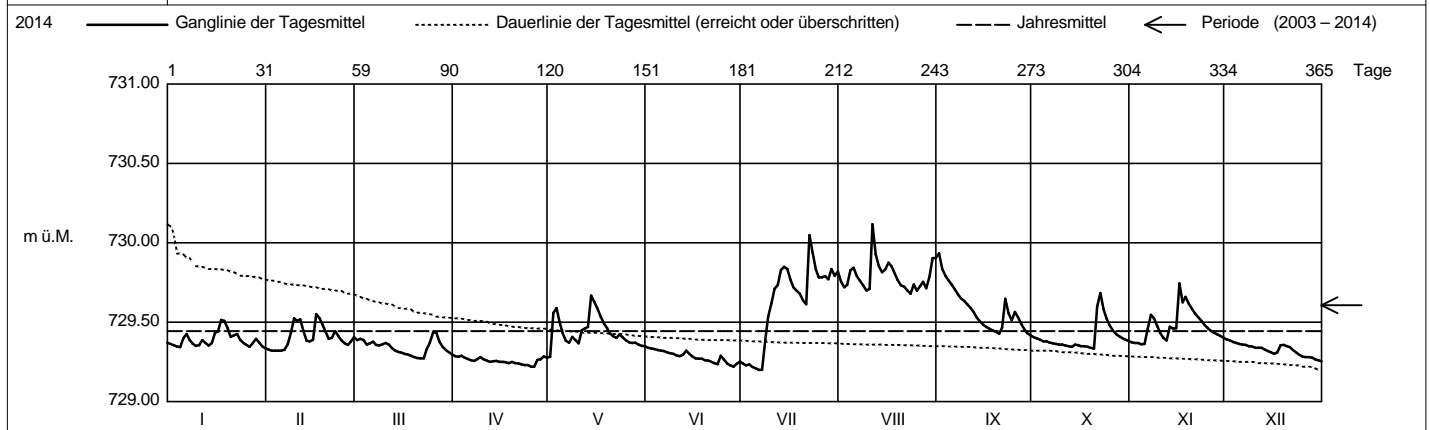
Abstichpunkt: 732.970 m ü.M. OK Terrain: 731.580 m ü.M.

KANTON ZUG

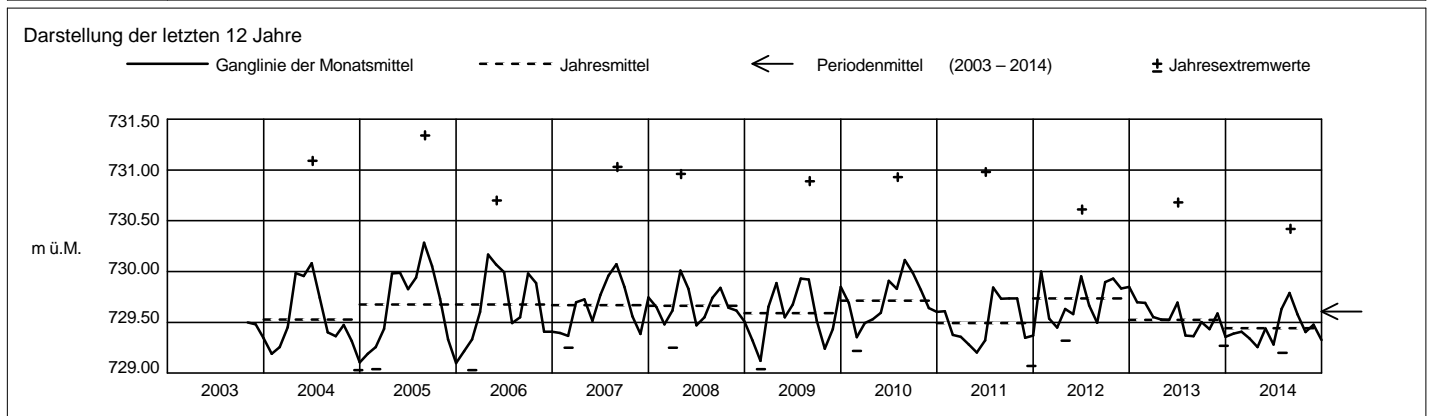
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tagesmittel	1	729.37	729.33	729.39	729.29+	729.28-	729.34+	729.24	729.76	729.93+	729.41	729.37	729.39+	1		
	2	729.35	729.32-	729.40	729.28	729.56	729.34+	729.23	729.72	729.84	729.40	729.37	729.39+	2		
	3	729.35	729.32-	729.39	729.29+	729.59	729.33	729.24	729.74	729.79	729.39	729.37	729.38	3		
	4	729.34-	729.32-	729.36	729.28	729.51	729.33	729.22	729.83	729.76	729.38	729.36-	729.37	4		
	5	729.40	729.32-	729.37	729.27	729.43	729.32	729.21	729.84	729.74	729.38	729.36-	729.36	5		
	6	729.43	729.33	729.38	729.26	729.38	729.32	729.20-	729.79	729.71	729.37	729.46	729.36	6		
	7	729.39	729.36	729.36	729.26	729.37	729.31	729.20-	729.76	729.68	729.37	729.55	729.36	7		
	8	729.37	729.43	729.35	729.27	729.41	729.31	729.29	729.73	729.65	729.36	729.52	729.35	8		
	9	729.35	729.53	729.36	729.28	729.39	729.30	729.54	729.70	729.63	729.36	729.48	729.35	9		
	10	729.36	729.51	729.37	729.27	729.37	729.29	729.62	729.71	729.61	729.36	729.43	729.34	10		
	m ü.M.	11	729.39	729.52	729.36	729.26	729.45	729.29	729.71	730.12+	729.59	729.35	729.40	729.34	11	
		12	729.37	729.45	729.34	729.25	729.46	729.29	729.74	729.93	729.56	729.35	729.39	729.34	12	
		13	729.35	729.38	729.32	729.25	729.47	729.32	729.83	729.85	729.53	729.35	729.47	729.33	13	
		14	729.37	729.38	729.31	729.26	729.67+	729.30	729.85	729.82	729.51	729.36	729.46	729.32	14	
		15	729.43	729.39	729.31	729.25	729.63	729.29	729.83	729.83	729.48	729.36	729.46	729.31	15	
		16	729.44	729.55+	729.30	729.25	729.58	729.27	729.77	729.88	729.47	729.35	729.74+	729.30	16	
		17	729.51+	729.53	729.30	729.25	729.53	729.27	729.72	729.85	729.46	729.35	729.63	729.31	17	
		18	729.51+	729.49	729.29	729.24	729.49	729.27	729.70	729.81	729.45	729.35	729.66	729.35	18	
		19	729.46	729.44	729.28	729.25	729.46	729.26	729.68	729.76	729.44	729.34	729.62	729.36	19	
		20	729.41	729.40	729.28	729.24	729.43	729.26	729.64	729.73	729.43	729.33-	729.59	729.35	20	
		+ Maximum	21	729.42	729.40	729.27-	729.24	729.41	729.25	729.61	729.72	729.47	729.60	729.56	729.34	21
	22		729.43	729.44	729.27-	729.23	729.40	729.24	730.05+	729.70	729.65	729.68+	729.53	729.33	22	
	23		729.39	729.41	729.33	729.23	729.42	729.24	729.94	729.68-	729.56	729.58	729.51	729.31	23	
	24		729.37	729.39	729.37	729.23	729.40	729.29	729.83	729.74	729.51	729.52	729.48	729.29	24	
	25		729.36	729.37	729.43	729.22-	729.39	729.26	729.78	729.70	729.57	729.48	729.46	729.28	25	
	- Minimum		26	729.35	729.36	729.44+	729.22-	729.37	729.24	729.78	729.53	729.45	729.45	729.28	26	
			27	729.37	729.38	729.38	729.26	729.37	729.23	729.79	729.76	729.49	729.43	729.28	27	
			28	729.40	729.41	729.35	729.27	729.37	729.22-	729.77	729.72	729.45	729.41	729.42	729.28	28
			29	729.37		729.33	729.28	729.36	729.24	729.84	729.79	729.43	729.40	729.41	729.27	29
			30	729.35		729.31	729.28	729.35	729.25	729.79	729.90	729.42-	729.39	729.40	729.26-	30
			31	729.34-		729.30		729.35		729.82	729.91		729.38		729.26-	31
Monatsumme	729.39	729.41	729.34	729.26-	729.44	729.28	729.63	729.79+	729.58	729.41	729.48	729.33	m ü.M.			
Spitze Datum	729.53 17.	729.58 16.	729.48 25.	729.29- 1.	729.75 14.	729.34 1.	730.20 22.	730.42+ 4.	730.00 1.	729.85 21.	729.83 16.	729.40 1.	m ü.M.			
Amplitude	0.20	0.26	0.21	0.07-	0.48	0.12	1.00+	0.75	0.59	0.52	0.47	0.15	m			

Jahr Mittel: 729.44 Spitze: 730.42 (04.08.2014) Minimum: 729.20 (05.07.2014) Amplitude: 1.22



Periode 2003 - 2014 (12 Jahre)													
Monatsumme	729.49	729.38-	729.51	729.73	729.66	729.73	729.72	729.77+	729.75	729.61	729.49	729.46	m ü.M.
Monats-Spitze Jahr	730.50 2012	730.23- 2013	730.41 2009	730.96 2008	730.70 2006	731.09 2004	730.93 2010	731.34+ 2005	730.83	730.61	730.24	730.47 2012	m ü.M.
Monats-Minimum Jahr	729.08 2004	729.03- 2006	729.05 2009	729.22+ 2011	729.10 2011	729.21 2011	729.20 2006	729.20 2006	729.22+ 2004	729.04 2003	729.10 2011	729.03- 2004	m ü.M.
Monats-Amplitude Jahr	0.91 2009	1.10 2006	1.36 2009	1.20 2008	0.96 2013	1.77+ 2011	1.32 2010	1.41 2005	1.07 2010	0.91 2012	0.64- 2013	1.21 2011	m
Periode	Mittel: 729.61		Spitze: 731.34 (22.08.2005)			Minimum: 729.03 (19.12.2004)			Amplitude: 2.31				



Grundwasserstände



Orpheus Mini

Nr. 5013 Zug - Oberwil - Trubikon

Koordinaten: 681'087 / 221'704

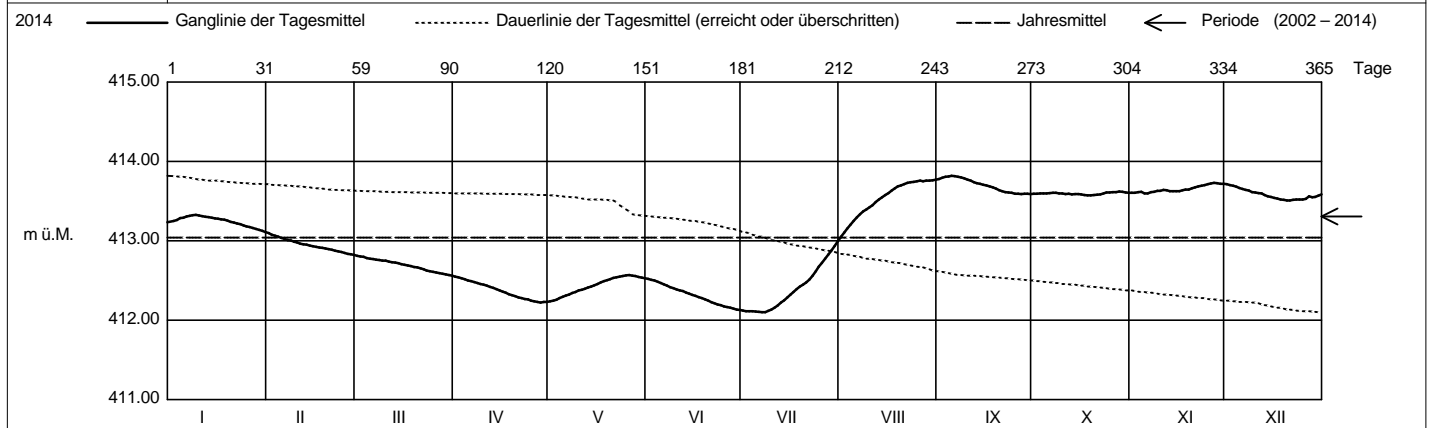
Abstichpunkt: 431.24 m ü.M. OK Terrain: 430.46 m ü.M.

KANTON ZUG

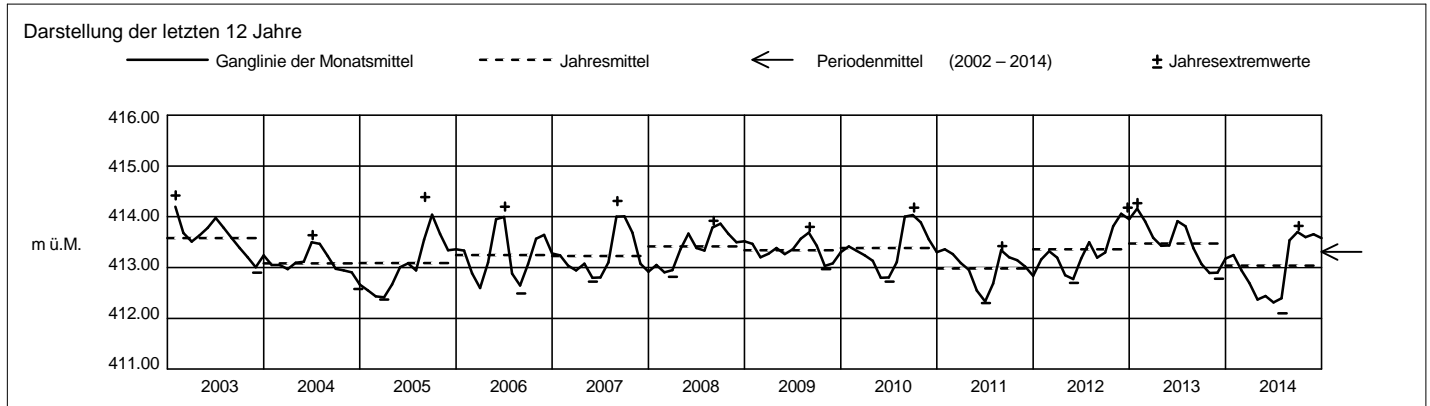
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tagesmittel	1	413.24	413.10+	412.81+	412.55+	412.24-	412.52+	412.12	413.06-	413.78	413.59	413.60-	413.72+	1		
	2	413.25	413.08	412.80	412.54	412.25	412.51	412.12	413.11	413.79	413.59	413.61	413.70	2		
	3	413.27	413.07	412.80	412.53	412.26	412.50	412.11	413.16	413.81	413.60	413.62	413.69	3		
	4	413.29	413.05	412.78	412.52	412.28	412.49	412.11	413.20	413.81	413.60	413.62	413.68	4		
	5	413.29	413.04	412.77	412.50	412.30	412.47	412.11	413.25	413.82+	413.60	413.60	413.62	5		
	6	413.31	413.03	412.77	412.49	412.31	412.45	412.11	413.30	413.82+	413.60	413.60	413.65	6		
	7	413.32	413.01	412.76	412.48	412.33	412.44	412.10-	413.33	413.81	413.61	413.61	413.64	7		
	8	413.32	413.01	412.76	412.47	412.34	412.42	412.10-	413.37	413.80	413.61	413.62	413.63	8		
	9	413.33+	412.99	412.75	412.46	412.36	412.40	412.12	413.40	413.79	413.60	413.63	413.62	9		
	10	413.32	412.98	412.75	412.45	412.38	412.39	412.13	413.43	413.77	413.60	413.63	413.61	10		
	m ü.M.	11	413.31	412.97	412.74	412.44	412.39	412.38	412.16	413.45	413.76	413.59	413.64	413.60	11	
		12	413.31	412.96	412.73	412.42	412.40	412.37	412.19	413.49	413.74	413.59	413.64	413.60	12	
		13	413.30	412.95	412.73	412.41	412.41	412.35	412.22	413.52	413.73	413.59	413.63	413.58	13	
		14	413.29	412.94	412.72	412.39	412.43	412.34	412.25	413.55	413.72	413.59	413.63	413.56	14	
		15	413.28	412.93	412.71	412.38	412.44	412.32	412.29	413.58	413.71	413.59	413.63	413.55	15	
		16	413.28	412.93	412.70	412.36	412.46	412.31	412.32	413.60	413.70	413.58	413.63	413.54	16	
		17	413.27	412.92	412.69	412.35	412.48	412.29	412.36	413.63	413.69	413.58	413.64	413.53	17	
		18	413.27	412.91	412.68	412.33	412.49	412.28	412.39	413.66	413.68	413.57-	413.65	413.52	18	
		19	413.25	412.90	412.67	412.32	412.51	412.26	412.42	413.69	413.66	413.57-	413.65	413.52	19	
		20	413.24	412.90	412.67	412.30	412.52	412.25	412.45	413.70	413.64	413.58	413.66	413.51-	20	
		+ Maximum	21	413.23	412.89	412.65	412.29	412.53	412.23	412.48	413.72	413.63	413.58	413.68	413.51-	21
	22		413.22	412.88	412.64	412.28	412.54	412.21	412.51	413.73	413.61	413.58	413.69	413.52	22	
	23		413.21	412.87	412.63	412.27	412.55	412.20	412.56	413.74	413.61	413.60	413.70	413.52	23	
	24		413.20	412.86	412.62	412.26	412.56	412.19	412.62	413.74	413.61	413.61	413.70	413.52	24	
	25		413.18	412.85	412.61	412.25	412.57+	412.18	412.67	413.75	413.60	413.61	413.71	413.52	25	
	- Minimum		26	413.18	412.84	412.60	412.24	412.57+	412.17	412.72	413.76	413.59-	413.61	413.72	413.53	26
			27	413.16	412.83-	412.60	412.23	412.56	412.16	412.77	413.75	413.59-	413.62+	413.73+	413.56	27
			28	413.15	412.83-	412.58	412.22-	412.56	412.15	412.83	413.76	413.59-	413.62+	413.73+	413.55	28
			29	413.14		412.58	412.23	412.55	412.13-	412.88	413.76	413.59-	413.62+	413.72	413.55	29
			30	413.12		412.57	412.23	412.54	412.13-	412.94	413.77+	413.59-	413.61	413.72	413.57	30
			31	413.11-		412.56-	412.23	412.53	412.13-	413.00+	413.77+	413.59-	413.61	413.72	413.59	31
Monatsumme	413.25	412.95	412.69	412.37	412.44	412.32-	412.39	413.54	413.70+	413.60	413.65	413.58	m ü.M.			
Spitze Datum	8.	1.	1.	1.	25.	1.	31.	31.	4.	28.	26.	1.	m ü.M.			
Amplitude	0.23	0.30	0.26	0.33	0.34	0.40	0.93+	0.75	0.23	0.06-	0.14	0.22	m			

Jahr Mittel: 413.04 Spitze: 413.82 (04.09.2014) Minimum: 412.10 (04.07.2014) Amplitude: 1.72



Periode 2002 - 2014 (13 Jahre)													
Monatsumme	413.35	413.16	413.04-	413.09	413.13	413.26	413.26	413.53	413.54+	413.48	413.41	413.36	m ü.M.
Monats-Spitze Jahr	414.42 2003	413.98 2013	413.78 2013	413.71- 2003	414.08 2006	414.20 2006	413.98 2013	414.39 2005	414.37 2005	414.34 2002	414.73+ 2002	414.71 2002	m ü.M.
Monats-Minimum Jahr	412.47 2005	412.39 2005	412.37 2005	412.22 2014	412.23 2014	412.12 2014	412.10- 2014	412.49 2006	412.86+ 2006	412.81 2013	412.78 2013	412.58 2004	m ü.M.
Monats-Amplitude Jahr	0.52 2003	0.43 2003	0.36 2008	1.10 2006	0.39 2011	0.90 2012	0.93 2014	1.34+ 2005	0.61 2005	0.56 2012	0.62 2007	0.32- 2007	m
Periode	Mittel: 413.31			Spitze: 414.73 (24.11.2002)			Minimum: 412.10 (04.07.2014)			Amplitude: 2.63			



Grundwasserstände



Orpheus Mini

Nr. 6205 Cham - Oberwilerwald

Koordinaten: 677'885 / 229'440

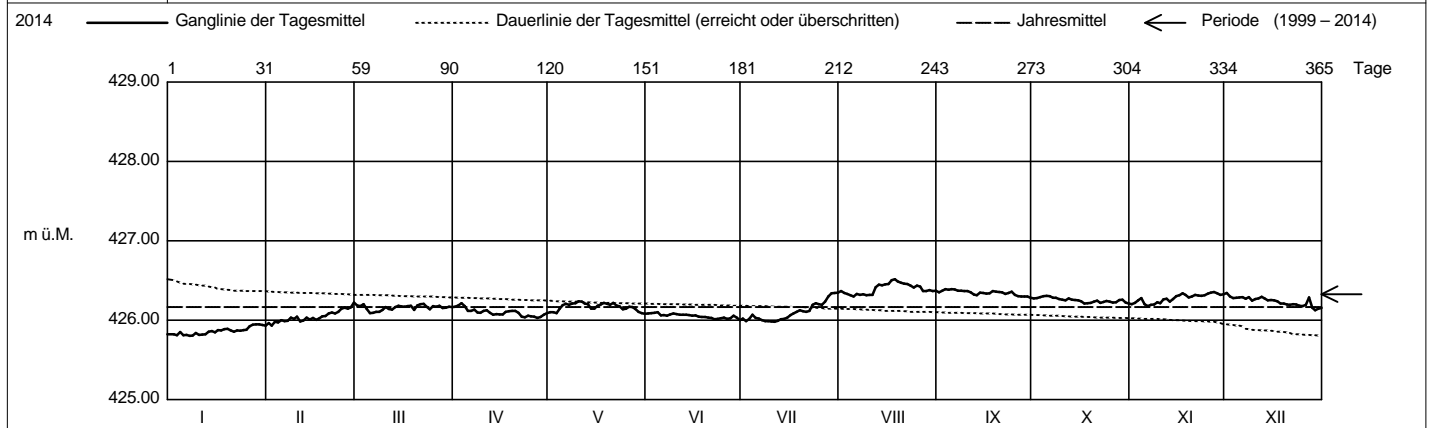
Abstichpunkt: 454.83 m ü.M. OK Terrain: 454.99 m ü.M.

KANTON ZUG

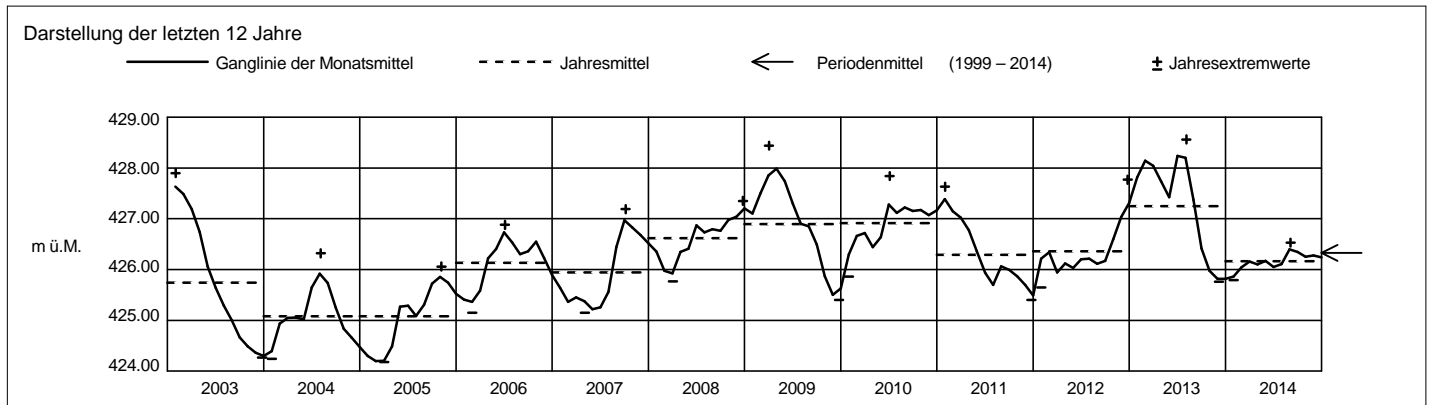
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	425.82	425.96	426.19	426.17	426.10	426.08	426.02	426.37	426.35	426.28	426.20	426.34+	1	
	2	425.83	425.93-	426.18	426.18	426.10	426.09	425.99	426.34	426.37	426.28	426.22	426.30	2	
	3	425.81-	425.98	426.20	426.21+	426.09	426.09	426.02	426.33	426.39+	426.29	426.25	426.28	3	
	4	425.85	425.97	426.14	426.18	426.14	426.10+	426.07	426.32	426.38	426.30	426.28	426.29	4	
	5	425.81-	426.00	426.09-	426.12	426.19	426.06	426.03	426.30-	426.39+	426.31+	426.20	426.29	5	
	6	425.82	425.99	426.09-	426.12	426.21	426.07	426.02	426.33	426.39+	426.30	426.18-	426.29	6	
	7	425.81-	425.99	426.11	426.13	426.20	426.06	426.00	426.32	426.37	426.29	426.19	426.27	7	
	8	425.81-	426.03	426.10	426.10	426.21	426.07	425.99	426.33	426.37	426.29	426.20	426.29	8	
	9	425.84	426.02	426.13	426.09	426.21	426.09	425.99	426.31	426.37	426.27	426.23	426.25	9	
	10	425.82	426.05	426.17	426.12	426.24+	426.08	425.99	426.32	426.37	426.26	426.22	426.27	10	
	11	425.82	425.98	426.14	426.13	426.24+	426.07	425.98-	426.32	426.35	426.25	426.26	426.27	11	
	12	425.82	426.00	426.13	426.09	426.21	426.07	425.99	426.42	426.32	426.28	426.27	426.30	12	
	13	425.85	426.04	426.17	426.07	426.20	426.07	426.01	426.45	426.32	426.26	426.24	426.28	13	
	14	425.87	426.01	426.18	426.08	426.15	426.07	426.02	426.44	426.35	426.26	426.27	426.25	14	
	m ü.M.	15	425.85	426.03	426.17	426.07	426.15	426.06	426.03	426.45	426.34	426.25	426.30	426.26	15
	16	425.87	426.00	426.17	426.08	426.18	426.06	426.07	426.46	426.34	426.24	426.31	426.25	16	
	17	425.87	426.02	426.18	426.11	426.20	426.05	426.08	426.51	426.34	426.21-	426.34	426.24	17	
	18	425.89	426.05	426.18	426.11	426.22	426.04	426.11	426.52+	426.37	426.21-	426.32	426.21	18	
	19	425.89	426.05	426.13	426.12	426.21	426.04	426.13	426.49	426.36	426.22	426.29	426.21	19	
	20	425.87	426.09	426.19	426.12	426.19	426.03	426.11	426.47	426.35	426.24	426.30	426.20	20	
	21	425.86	426.10	426.20	426.09	426.22	426.03	426.11	426.46	426.35	426.25	426.32	426.20	21	
	22	425.87	426.09	426.21+	426.04	426.19	426.01	426.12	426.46	426.33	426.22	426.31	426.20	22	
	23	425.87	426.11	426.17	426.04	426.17	426.02	426.19	426.44	426.34	426.23	426.31	426.20	23	
	24	425.88	426.15	426.14	426.06	426.14	426.02	426.22	426.41	426.36	426.24	426.32	426.18	24	
	+ Maximum	25	425.88	426.16	426.18	426.05	426.14	426.03	426.20	426.44	426.32	426.24	426.34	426.18	25
	26	425.92	426.15	426.17	426.05	426.17	426.02	426.20	426.42	426.30	426.22	426.35	426.20	26	
	- Minimum	27	425.94	426.16	426.18	426.03-	426.16	426.02	426.23	426.37	426.30	426.23	426.36+	426.29	27
	28	425.95+	426.22+	426.15	426.04	426.14	426.06	426.30	426.37	426.30	426.26	426.34	426.16	28	
	29	425.95+	426.16	426.07	426.11	426.03	426.03	426.34	426.38	426.30	426.26	426.32	426.13-	29	
	30	425.94	426.17	426.09	426.09	426.00-	426.00-	426.34	426.37	426.28-	426.22	426.33	426.15	30	
	31	425.93	426.17	426.17	426.08-	426.08-	426.08-	426.35+	426.37	426.37	426.21-	426.21-	426.16	31	
Monatsumme		425.86-	426.05	426.16	426.10	426.17	426.05	426.10	426.40+	426.35	426.25	426.28	426.24	m ü.M.	
Spitze Datum		26.	28.	3.	3.	10.	4.	31.	18.	5.	5.	27.	1.	m ü.M.	
Amplitude		0.19	0.35	0.17	0.21	0.20	0.13-	0.41+	0.25	0.13-	0.15	0.22	0.27	m	

Jahr Mittel: 426.17 Spitze: 426.53 (18.08.2014) Minimum: 425.79 (05.01.2014) Amplitude: 0.74



Periode		1999 - 2014 (16 Jahre)												
Monatsumme		426.36	426.35	426.33	426.41	426.39	426.47+	426.36	426.36	426.24	426.22-	426.26	426.23	m ü.M.
Monats-Spitze Jahr		428.83 2000	428.62 2000	428.44 2009	428.33 2001	428.41 2009	428.51 2013	428.56 2013	427.89 2001	427.56- 2010	429.04+ 1999	429.03 1999	428.74 1994	m ü.M.
Monats-Minimum Jahr		424.23 2005	424.19 2005	424.18- 2005	424.20 2005	424.94+ 2004	424.87 2002	424.58 2002	424.80 2003	424.51 2003	424.43 2003	424.31 2003	424.27 2003	m ü.M.
Monats-Amplitude Jahr		0.82 2012	1.67 2000	1.22 2001	1.45 2001	1.19 2002	1.63 2002	2.54+ 2001	1.06 2001	1.92 2001	0.77- 2012	1.03 2002	1.13 2012	m
Periode		Mittel: 426.33		Spitze: 429.04 (01.10.1999)				Minimum: 424.18 (09.03.2005)				Amplitude: 4.86		



Grundwasserstände



Orpheus Mini

Nr. 6217 Cham - Ebnetwald

Koordinaten: 676'936 / 229'936

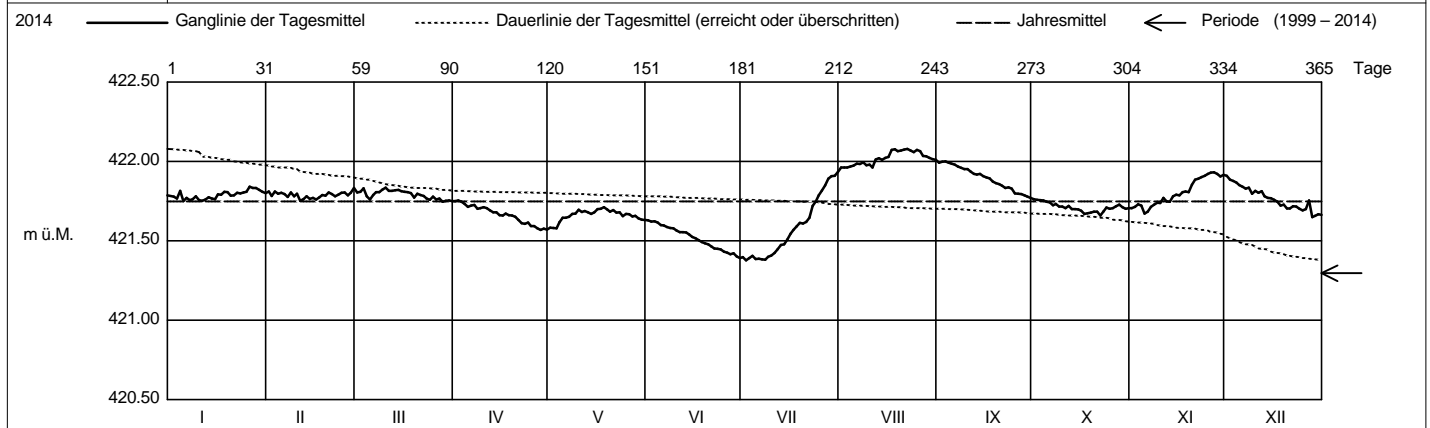
Abstichpunkt: 453.04 m ü.M. OK Terrain: 452.11 m ü.M.

KANTON ZUG

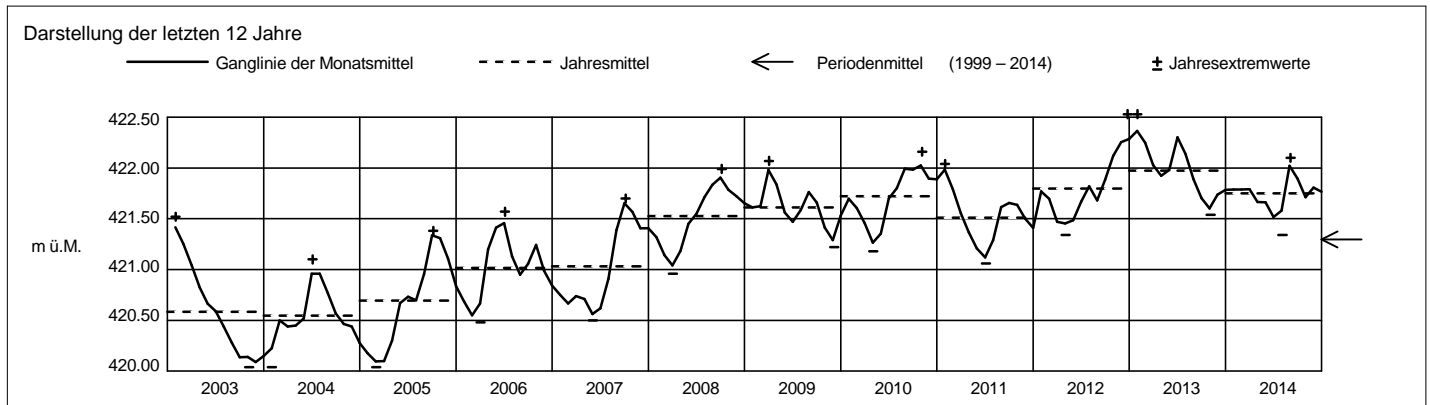
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	421.79	421.81	421.81	421.75+	421.58-	421.63+	421.40	421.96-	421.99	421.76+	421.71	421.91+	1
	2	421.78	421.78	421.81	421.75+	421.58-	421.62	421.38-	421.96-	422.00+	421.76+	421.71	421.89	2
	3	421.77	421.81	421.83	421.75+	421.58-	421.62	421.39	421.96-	422.00+	421.76+	421.73	421.88	3
	4	421.81	421.80	421.78	421.73	421.62	421.62	421.41	421.97	421.99	421.75	421.72	421.87	4
	5	421.75-	421.80	421.76	421.72	421.65	421.60	421.39	421.98	421.99	421.75	421.67-	421.85	5
	6	421.77	421.80	421.79	421.72	421.65	421.60	421.39	421.99	421.98	421.74	421.68	421.84	6
	7	421.76	421.78	421.81	421.73	421.65	421.59	421.38-	421.99	421.97	421.73	421.72	421.83	7
	8	421.76	421.81	421.81	421.70	421.67	421.58	421.38-	422.00	421.96	421.73	421.73	421.84	8
	9	421.78	421.78	421.82	421.71	421.67	421.58	421.40	421.98	421.95	421.72	421.74	421.80	9
	10	421.76	421.80	421.84+	421.71	421.70	421.57	421.41	421.98	421.95	421.72	421.74	421.82	10
m ü.M.	11	421.75-	421.75-	421.82	421.71	421.68	421.56	421.42	421.96-	421.94	421.71	421.77	421.80	11
	12	421.76	421.76	421.81	421.69	421.69	421.55	421.45	422.01	421.92	421.72	421.75	421.81	12
	13	421.78	421.78	421.82	421.68	421.68	421.55	421.47	422.02	421.92	421.70	421.75	421.78	13
	14	421.77	421.76	421.82	421.68	421.67	421.54	421.48	422.01	421.92	421.70	421.78	421.77	14
	15	421.76	421.77	421.81	421.66	421.68	421.53	421.51	422.02	421.91	421.70	421.79	421.77	15
	16	421.79	421.76	421.81	421.66	421.70	421.52	421.54	422.03	421.90	421.69	421.79	421.76	16
	17	421.79	421.77	421.81	421.67	421.70	421.50	421.57	422.07	421.89	421.67	421.81	421.75	17
	18	421.81	421.79	421.80	421.66	421.71+	421.49	421.59	422.08+	421.87	421.67	421.81	421.72	18
	19	421.81	421.79	421.77	421.66	421.70	421.48	421.61	422.07	421.86	421.68	421.81	421.73	19
	20	421.79	421.80	421.80	421.65	421.68	421.48	421.61	422.07	421.86	421.68	421.85	421.70	20
+ Maximum	21	421.79	421.79	421.79	421.63	421.70	421.46	421.62	422.08+	421.85	421.68	421.89	421.70	21
	22	421.80	421.78	421.78	421.61	421.68	421.45	421.65	422.08+	421.83	421.66-	421.89	421.72	22
	23	421.80	421.79	421.77	421.61	421.68	421.45	421.72	422.07	421.84	421.69	421.90	421.72	23
	24	421.80	421.80	421.76	421.62	421.66	421.45	421.75	422.06	421.83	421.71	421.91	421.70	24
	25	421.81	421.80	421.78	421.59	421.67	421.43	421.79	422.07	421.80	421.70	421.92	421.69	25
	26	421.84+	421.79	421.76	421.59	421.67	421.43	421.82	422.07	421.80	421.71	421.93+	421.70	26
	27	421.83	421.80	421.77	421.58	421.65	421.42	421.85	422.04	421.79	421.72	421.93+	421.76	27
	28	421.83	421.83+	421.75-	421.57-	421.66	421.42	421.89	422.03	421.79	421.73	421.92	421.65-	28
	29	421.82		421.75-	421.58	421.64	421.40	421.91	422.02	421.78	421.71	421.91	421.66	29
	30	421.81		421.76	421.57-	421.63	421.39-	421.91	422.02	421.77-	421.70	421.92	421.67	30
	31	421.80		421.75-	421.63	421.63		421.93+	422.01	422.01	421.71	421.92	421.66	31
Monatsumme	421.79	421.79	421.79	421.66	421.66	421.52-	421.58	422.02+	421.90	421.71	421.81	421.77	m ü.M.	
Spitze Datum	421.90 26.	421.87 28.	421.87 3.	421.77 2.	421.72 10.	421.64- 1.	421.95 31.	422.10+ 25.	422.01 2.	421.77 1.	421.95 27.	421.94 1.	m ü.M.	
Amplitude	0.17	0.16	0.13-	0.22	0.15	0.26	0.61+	0.15	0.24	0.15	0.29	0.33	m	

Jahr Mittel: 421.75 Spitze: 422.10 (25.08.2014) Minimum: 421.34 (06.07.2014) Amplitude: 0.76



Periode 1999 - 2014 (16 Jahre)													
Monatsumme	421.30	421.24	421.22	421.19-	421.21	421.28	421.29	421.37	421.39	421.40+	421.34	421.32	m ü.M.
Monats-Spitze Jahr	422.53+ 2013	422.36 2013	422.17 2013	422.05- 2013	422.06 2013	422.43 2013	422.27 2013	422.10 2014	422.08 2010	422.30 2012	422.34 2014	422.53+ 2012	m ü.M.
Monats-Minimum Jahr	420.04- 2004	420.04- 2005	420.06 2005	420.07 2005	420.44 2004	420.50+ 2003	420.37 2003	420.18 2003	420.06 2003	420.04- 2003	420.05 2003	420.09 2003	m ü.M.
Monats-Amplitude Jahr	0.43 2004	0.64 2000	0.60 2005	0.81+ 2000	0.45 2002	0.55 2004	0.61 2014	0.65 2005	0.37- 2002	0.43 2012	0.37- 2002	0.41 2012	m
Periode	Mittel: 421.30			Spitze: 422.53 (31.12.2012)				Minimum: 420.04 (03.10.2003)				Amplitude: 2.49	



Grundwasserstände



Orpheus Mini

Nr. 6223 Cham - Hatwil KB 2/09

Koordinaten: 675'854.45 / 230'065.49

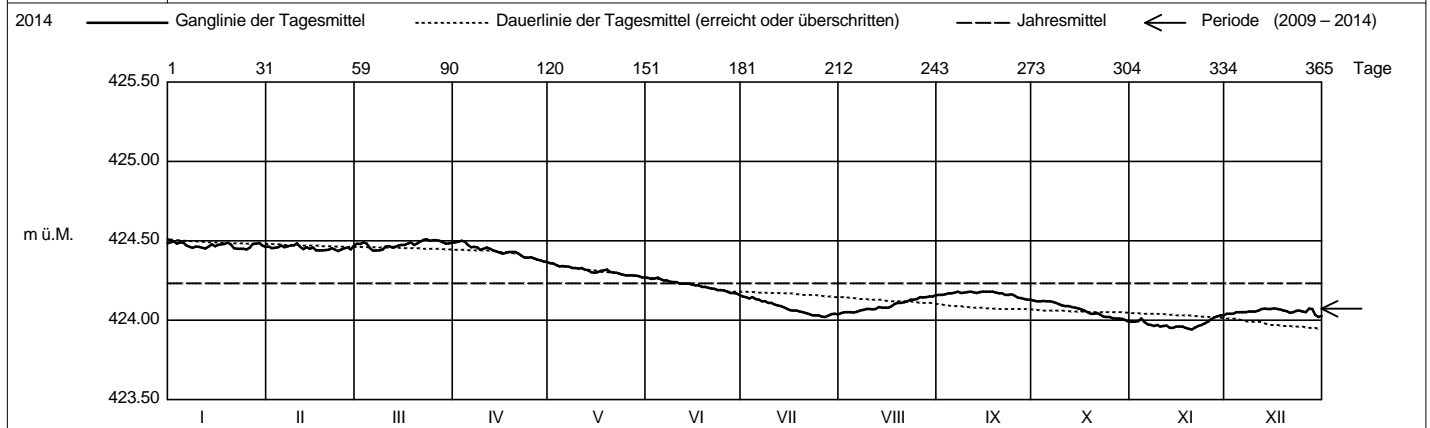
Abstichpunkt: 443.13 m ü.M. OK Terrain: 443.43 m ü.M.

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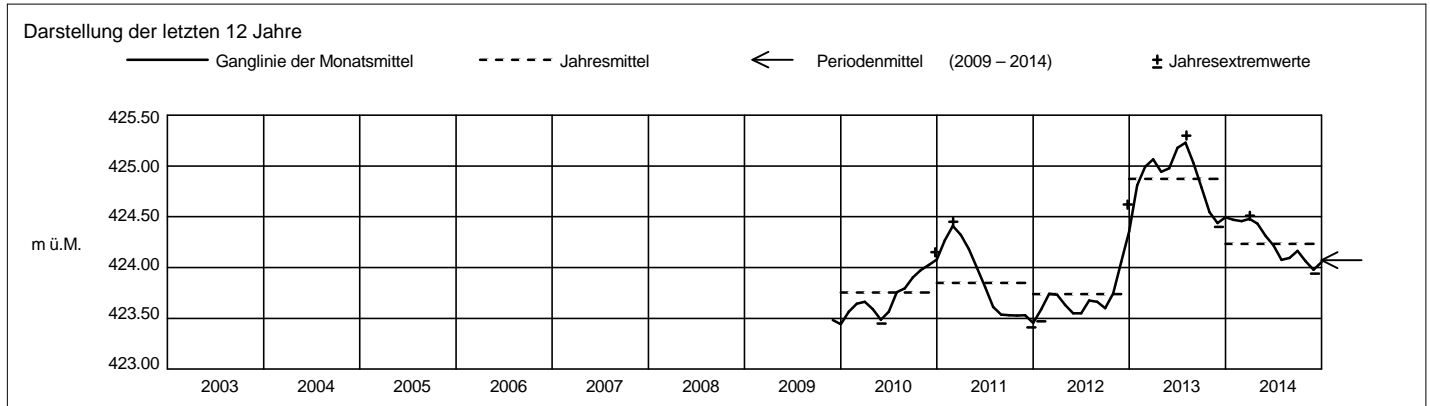
Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	424.49	424.46	424.48	424.49	424.36+	424.27+	424.15+	424.04-	424.16	424.12+	423.99	424.04	1
	2	424.50+	424.45	424.48	424.49	424.36+	424.26	424.15+	424.05	424.16	424.12+	423.99	424.04	2
	3	424.48	424.46	424.49	424.50+	424.35	424.26	424.14	424.05	424.16	424.12+	424.00	424.04	3
	4	424.49	424.46	424.48	424.50+	424.34	424.27+	424.15+	424.05	424.17	424.12+	424.01	424.05	4
	5	424.49	424.47	424.46	424.48	424.34	424.26	424.13	424.05	424.17	424.12+	423.99	424.05	5
	6	424.47	424.46	424.44-	424.46	424.34	424.25	424.13	424.05	424.17	424.12+	423.97	424.05	6
	7	424.46	424.47	424.44-	424.46	424.34	424.25	424.12	424.06	424.18+	424.12+	423.97	424.05	7
	8	424.46	424.47	424.44-	424.46	424.33	424.24	424.12	424.07	424.17	424.11	423.96	424.06	8
	9	424.47	424.47	424.44-	424.44	424.33	424.24	424.11	424.07	424.17	424.10	423.97	424.05	9
	10	424.46	424.49+	424.46	424.45	424.33	424.24	424.11	424.07	424.18+	424.09	423.96	424.06	10
m ü.M.	11	424.46	424.46	424.47	424.46	424.33	424.23	424.10	424.07	424.18+	424.09	423.96	424.06	11
	12	424.45-	424.45	424.46	424.45	424.32	424.23	424.09	424.07	424.18+	424.09	423.97	424.07	12
	13	424.46	424.46	424.46	424.44	424.32	424.23	424.09	424.08	424.17	424.08	423.95	424.07	13
	14	424.48	424.45	424.47	424.43	424.30	424.23	424.08	424.08	424.18+	424.08	423.95	424.07	14
	15	424.47	424.46	424.48	424.43	424.30	424.22	424.07	424.08	424.18+	424.08	423.96	424.07	15
	16	424.47	424.44-	424.48	424.42	424.30	424.22	424.06	424.08	424.18+	424.07	423.96	424.08+	16
	17	424.48	424.44-	424.48	424.42	424.31	424.22	424.06	424.09	424.18+	424.06	423.96	424.07	17
	18	424.48	424.44-	424.49	424.43	424.31	424.21	424.06	424.10	424.18+	424.05	423.95	424.07	18
	19	424.49	424.44-	424.48	424.43	424.32	424.21	424.06	424.11	424.17	424.04	423.95	424.06	19
	20	424.48	424.45	424.49	424.43	424.30	424.20	424.05	424.11	424.17	424.04	423.94-	424.06	20
+ Maximum	21	424.46	424.45	424.50	424.42	424.30	424.20	424.04	424.11	424.17	424.05	423.95	424.05	21
	22	424.45-	424.44-	424.51+	424.41	424.30	424.20	424.04	424.12	424.16	424.03	423.97	424.05	22
	23	424.45-	424.44-	424.51+	424.39	424.29	424.19	424.03	424.13	424.16	424.02	423.97	424.06	23
	24	424.45-	424.45	424.51+	424.39	424.29	424.19	424.03	424.13	424.16	424.02	423.98	424.06	24
	25	424.45-	424.45	424.51+	424.40	424.28	424.19	424.03	424.13	424.15	424.02	423.99	424.06	25
	26	424.46	424.46	424.50	424.39	424.28	424.18	424.02-	424.15	424.14	424.01	424.00	424.05	26
	27	424.48	424.45	424.50	424.38	424.28	424.17	424.02-	424.14	424.14	424.01	424.02	424.07	27
	28	424.48	424.47	424.49	424.38	424.28	424.17	424.03	424.15	424.13-	424.01	424.03+	424.07	28
	29	424.49		424.48	424.37-	424.28	424.17	424.04	424.15	424.13-	424.01	424.03+	424.03	29
	30	424.47		424.49	424.37-	424.27-	424.16-	424.04	424.15	424.13-	424.00	424.03+	424.02-	30
31	424.46		424.49	424.37-	424.27-	424.16-	424.04	424.16+	424.13-	423.99-	424.03	424.03	31	
Monatsumme	424.47	424.46	424.48+	424.43	424.31	424.22	424.08	424.10	424.17	424.06	423.98-	424.06	m ü.M.	
Spitze Datum	2.	10.	22.	2.	1.	1.	1.	31.	6.	1.	30.	13.	m ü.M.	
Amplitude	0.06	0.06	0.08	0.14+	0.10	0.12	0.13	0.12	0.05-	0.14+	0.10	0.06	m	

Jahr Mittel: 424.23 Spitze: 424.51 (22.03.2014) Minimum: 423.94 (19.11.2014) Amplitude: 0.57



Periode 2009 - 2014 (6 Jahre)													
Monatsumme	424.14	424.25+	424.25+	424.16	424.06	424.06	424.07	424.02	424.00	423.97	423.94-	423.98	m ü.M.
Monats-Spitze Jahr	424.91 2013	425.08 2013	425.13 2013	425.01 2013	425.04 2013	425.29 2013	425.30+ 2013	425.14 2013	424.90 2013	424.67 2013	424.48- 2013	424.62 2012	m ü.M.
Monats-Minimum Jahr	423.47 2010	423.60 2010	423.64+ 2010	423.53 2010	423.45 2010	423.49 2010	423.55 2011	423.52 2011	423.50 2011	423.51 2011	423.43 2009	423.38- 2009	m ü.M.
Monats-Amplitude Jahr	0.28 2013	0.18 2013	0.13- 2013	0.15 2011	0.21 2011	0.32 2013	0.17 2013	0.24 2013	0.23 2013	0.32 2012	0.31 2012	0.40+ 2012	m
Periode	Mittel: 424.07		Spitze: 425.30 (01.07.2013)				Minimum: 423.38 (08.12.2009)				Amplitude: 1.92		



Grundwasserstände



Orpheus Mini

Nr. 6224 Cham - Hubletzen KB 4/09

Koordinaten: 675'351.89/ 230'0218.78

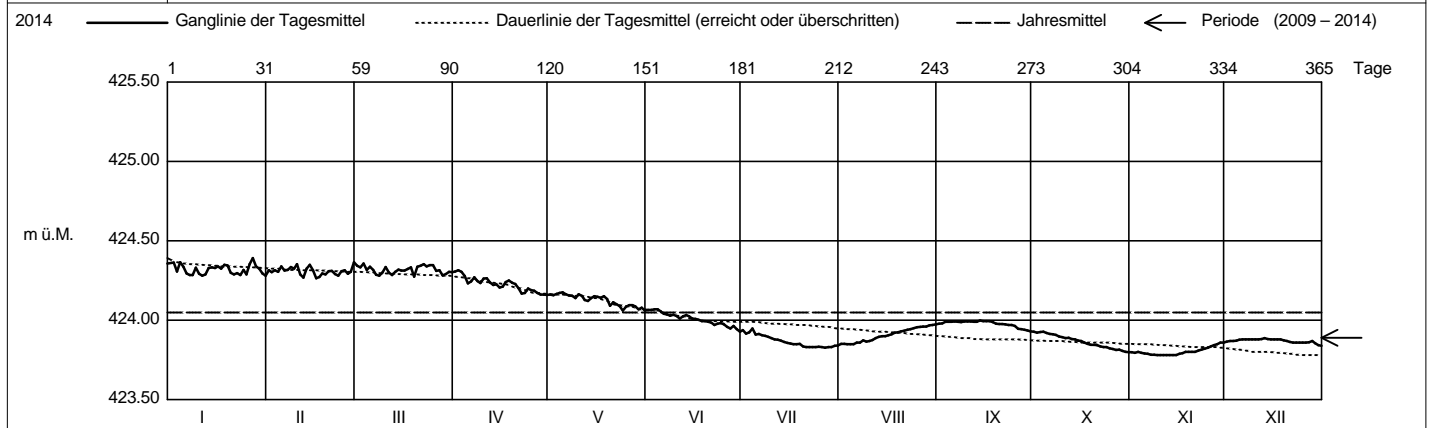
Abstichpunkt: 439.99 m ü.M. OK Terrain: 440.16 m ü.M.

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Amt für Umweltschutz

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	424.36	424.32	424.34	424.31	424.16	424.07+	423.94	423.85-	423.98	423.93+	423.80	423.87	1
	2	424.36	424.30	424.33	424.32+	424.16	424.06	423.92	423.85-	423.98	423.92	423.80	423.87	2
	3	424.31	424.31	424.36+	424.31	424.17	424.07+	423.92	423.85-	423.99	423.93+	423.80	423.87	3
	4	424.37	424.30	424.32	424.28	424.17	424.07+	423.95+	423.85-	423.99	423.93+	423.80	423.87	4
	5	424.34	424.34	424.34	424.23	424.18+	424.06	423.91	423.85-	423.99	423.92	423.79	423.88	5
	6	424.29	424.31	424.32	424.25	424.16	424.04	423.91	423.86	423.99	423.91	423.79	423.88	6
	7	424.29	424.32	424.29	424.27	424.16	424.04	423.91	423.86	423.99	423.91	423.78-	423.88	7
	8	424.29	424.34	424.28	424.25	424.15	424.03	423.90	423.87	423.99	423.91	423.78-	423.88	8
	9	424.33	424.32	424.30	424.23	424.14	424.04	423.90	423.87	423.99	423.90	423.78-	423.88	9
	10	424.29	424.35	424.34	424.26	424.16	424.03	423.89	423.87	423.99	423.89	423.78-	423.88	10
m ü.M.	11	424.28-	424.29	424.30	424.26	424.15	424.01	423.88	423.88	423.99	423.89	423.78-	423.88	11
	12	424.29	424.27-	424.29	424.24	424.13	424.02	423.88	423.99	423.99	423.89	423.78-	423.88	12
	13	424.33	424.33	424.31	424.22	424.12	424.03	423.87	423.90	423.99	423.88	423.78-	423.89+	13
	14	424.33	424.35	424.32	424.23	424.14	424.02	423.86	423.90	424.00+	423.88	423.78-	423.88	14
	15	424.33	424.31	424.31	424.21	424.15	424.01	423.86	423.90	423.99	423.87	423.78-	423.88	15
	16	424.34	424.27-	424.31	424.21	424.15	424.01	423.85	423.91	423.99	423.87	423.79	423.88	16
	17	424.33	424.27-	424.32	424.24	424.14	424.00	423.85	423.91	424.00+	423.86	423.79	423.88	17
	18	424.35	424.29	424.33	424.25	424.15	423.99	423.85	423.92	423.99	423.85	423.80	423.88	18
	19	424.35	424.29	424.27-	424.24	424.13	423.99	423.85	423.92	423.98	423.85	423.80	423.87	19
	20	424.30	424.31	424.34	424.23	424.09	423.99	423.84	423.93	423.98	423.85	423.80	423.87	20
+ Maximum	21	424.29	424.31	424.34	424.20	424.11	423.99	423.83-	423.93	423.98	423.84	423.80	423.86	21
	22	424.30	424.29	424.35	424.17	424.10	423.97	423.83-	423.94	423.97	423.84	423.81	423.86	22
	23	424.29	424.28	424.34	424.17	424.09	423.98	423.83-	423.94	423.97	423.83	423.81	423.86	23
	24	424.32	424.31	424.35	424.20	424.06-	423.98	423.83-	423.95	423.97	423.83	423.82	423.86	24
	25	424.29	424.31	424.35	424.19	424.09	423.97	423.83-	423.96	423.97	423.82	423.83	423.86	25
	26	424.35	424.29	424.31	424.19	424.10	423.96	423.83-	423.96	423.95	423.82	423.83	423.86	26
	27	424.39+	424.30	424.31	424.17	424.09	423.95	423.83-	423.96	423.94	423.81	423.84	423.86	27
	28	424.34	424.37+	424.28	424.16-	424.09	423.97	423.83-	423.96	423.94	423.82	423.85	423.87	28
	29	424.33		424.29	424.16-	424.07	423.94	423.83-	423.97	423.94	423.81	423.86+	423.86	29
	30	424.30		424.30	424.16-	424.08	423.93-	423.84	423.97	423.93-	423.80-	423.86+	423.84-	30
31	424.28-		424.30	424.16-	424.06-		423.84	423.98+		423.80-		423.84-	31	
Monatsumme	424.32+	424.31	424.32+	424.23	424.13	424.01	423.87	423.91	423.98	423.87	423.80-	423.87	m ü.M.	
Spitze Datum	424.42+ 26.	424.42+ 28.	424.37 3.	424.33 2.	424.19 5.	424.08 1.	423.97 4.	423.98 31.	424.00 5.	423.93 1.	423.86- 29.	423.89 12.	m ü.M.	
Amplitude	0.17	0.19+	0.12	0.19+	0.14	0.16	0.15	0.14	0.07	0.14	0.08	0.05-	m	

Jahr Mittel: 424.05 Spitze: 424.42 (26.01.2014) Minimum: 423.78 (06.11.2014) Amplitude: 0.64



Periode 2009 - 2014 (6 Jahre)													
Monatsumme	423.98	424.08+	424.07	423.96	423.88	423.86	423.86	423.83	423.81	423.80	423.78-	423.81	m ü.M.
Monats-Spitze Jahr	424.74 2013	424.89 2013	424.92 2013	424.83 2013	424.86 2013	425.04 2013	425.08+ 2013	424.93 2013	424.69 2013	424.46 2013	424.42- 2013	424.44 2013	m ü.M.
Monats-Minimum Jahr	423.26 2010	423.41 2010	423.46+ 2010	423.35 2010	423.30 2010	423.32 2012	423.36 2011	423.35 2011	423.35 2011	423.35 2011	423.35 2009	423.24 2009	m ü.M.
Monats-Amplitude Jahr	0.43+ 2013	0.20 2013	0.22 2011	0.19- 2011	0.21 2011	0.26 2013	0.19- 2013	0.26 2013	0.25 2013	0.29 2012	0.30 2012	0.26 2012	m
Periode	Mittel: 423.89		Spitze: 425.08 (02.07.2013)				Minimum: 423.20 (09.12.2009)				Amplitude: 1.88		

