



GRUNDWASSERSTÄNDE KANTON ZUG

JAHRBUCH 2005

**JAHRESGANGLINIEN ÜBER
MEHRER JAHRE**



Zug 12.07.2006

Herausgeber: Amt für Umweltschutz des Kantons Zug

Bericht: Thomas Binzegger, Sachbearbeiter Wasser / Boden

Grundwasserpegelmessnetz des Kantons Zug

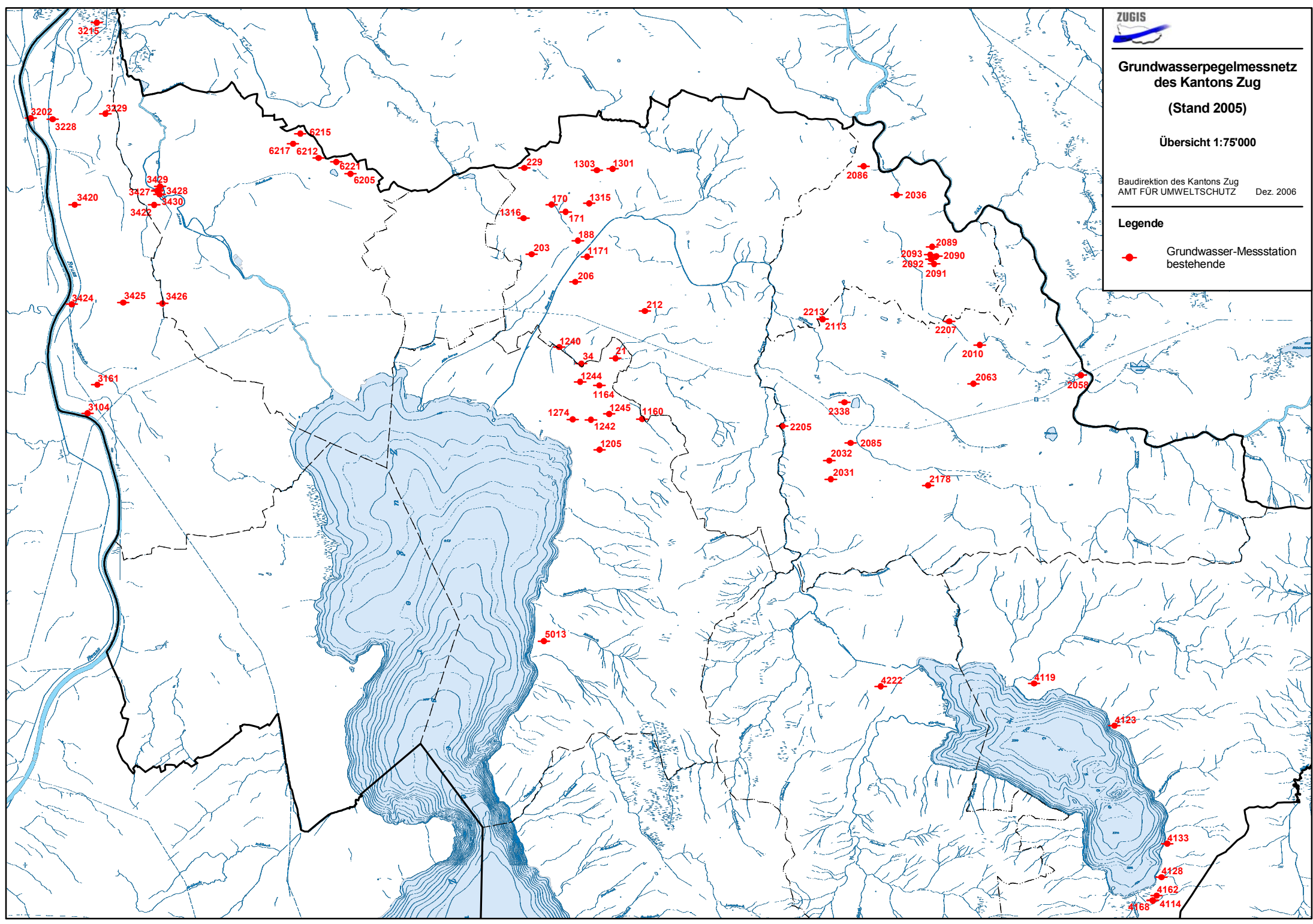
(Stand 2005)

Übersicht 1:75'000

Baudirektion des Kantons Zug
AMT FÜR UMWELTSCHUTZ Dez. 2006

Legende

Grundwasser-Messstation bestehende



1. Einleitung

Im Kanton Zug haben 70 Grundwasserpegel bis 2006 kontinuierlich die Grundwasserstände aufgezeichnet. Das Grundwasser-Messstellennetz soll eine Übersicht über die aktuellen Grundwasserstände sowie die kurz- und langfristigen Schwankungen ermöglichen.

Das Datenblatt der Grundwasserstände enthält die Tagesmittelwerte (bzw. Einzelmessungen) 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.

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.

Datenhoheit: Amt für Umweltschutz des Kantons Zug

2. Inhaltverzeichnis Grundwassermessstellen

2.1. Baarerbecken

Seite	Nummer	Name Messstation
1	0021	Zug - Grienbachstrasse
2	0034	Baar - Baarer Fussweg
3	0170	Baar - Bachtalen
4	0171	Baar - Seebachtel - Gulmatt
5	0188	Baar - Hans-Waldmannstrasse
6	0203	Baar - Zimbel
7	0206	Baar - Weidhof / Weststrasse
8	0212	Baar - Grund
9	0229	Baar - Schmalholz
10	1160	Zug - Arbach
11	1164	Zug - Industriestrasse / Göblistrasse
12	1171	Baar - Wiesental
13	1205	Zug - Rothusweg
14	1240	Zug - Neuhof
15	1242	Zug - Gubelstrasse 7
16	1244	Zug - Feldstrasse
17	1245	Zug - Lüssiweg (B15)
18	1274	Zug - Dammstrasse
19	1301	Baar - Schönbühlwald
20	1303	Baar - Schönbühlwald
21	1315	Baar - Rüteliwald (Filterbrunnen)
22	1316	Baar - Blickensdorf / Banäbi / Banrain
23	5013	Zug - Oberwil - Trubikon

2.2. Reusstal

Seite	Nummer	Name Messstation
24	3104	Hünenberg - Drälikon (Reussdamm)
25	3161	Hünenberg - Drälikon
26	3202	Hünenberg - Hintere Stadelmatt / Reussdamm
27	3215	Hünenberg - Reussspitz
28	3228	Hünenberg - Hintere Stadelmatt
29	3229	Hünenberg - Vordere Stadelmatt
30	3420	Hünenberg - Untere Chamau
31	3422	Cham - Frauentaler Wald
32	3424	Hünenberg - Matten - Gass
33	3425	Hünenberg - Rainmatterwald
34	3426	Hünenberg - Rainmatterwald
35	3427	Cham - Naturschutzgebiet Frauental
36	3428	Cham - Naturschutzgebiet Frauental
37	3429	Cham - Naturschutzgebiet Frauental
38	3430	Cham - Naturschutzgebiet Frauental

2.3. Menzingen – Neuheim

Seite	Nummer	Name Messstation
39	2010	Menzingen - Winzwilen - Süd
40	2031	Menzingen - KIBAG 4 - Bergli
41	2032	Menzingen - KIBAG 3
42	2036	Neuheim - Neutal
43	2058	Menzingen - Hintercher - Sihlwald
44	2063	Menzingen - Brätigen - West
45	2085	Menzingen - KIBAG Bethlehem
46	2086	Neuheim - Neuhus / Chrützhügel (Risi Nr. 21)
47	2089	Neuheim - Hof (SPB 1/99, Sand AG)
48	2090	Neuheim - Hoflinde (SPB 2/99, Sand AG)
49	2091	Neuheim - Hoflinde (SPB 2/00, Sand AG)
50	2092	Neuheim - Hof (SPB 3/00, Sand AG)
51	2093	Neuheim - Hof (SPB 4/00, Sand AG)
52	2113	Menzingen - Kieswerk Senn
53	2178	Menzingen - Schurtannen
54	2205	Menzingen - Lorzentobel
55	2207	Menzingen - Winzwilen
56	2213	Neuheim - Kieswerk Senn
57	2338	Menzingen - KIBAG 6 / Wösch

2.4. Ägerital – Lorzentobel

Seite	Nummer	Name Messstation
58	4114	Oberägeri - Morgarten / Balmi
59	4119	Oberägeri - Kirchmatt Dorf (O 19)
60	4123	Oberägeri - Sulzmatt (O 23)
61	4128	Oberägeri - Morgarten (O 28)
62	4133	Oberägeri - Morgarten / Haselmatt
63	4162	Oberägeri - Morgarten / Balmi
64	4168	Oberägeri - Morgarten / Balmi
65	4222	Unterägeri - Buechholz

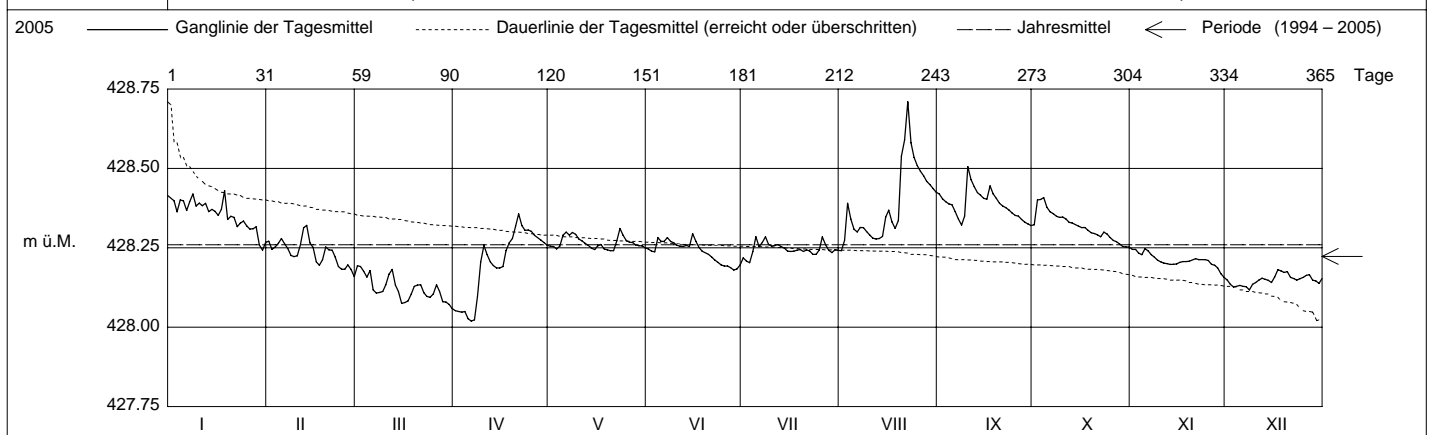
2.5. Ebnet – Oberwilerwald

Seite	Nummer	Name Messstation
66	6205	Cham - Oberwilerwald
67	6212	Cham - Oberwil - Ebnetwald
68	6215	Cham - Ebnetwald
69	6217	Cham - Ebnetwald
70	6221	Cham - Kieswerk Risi

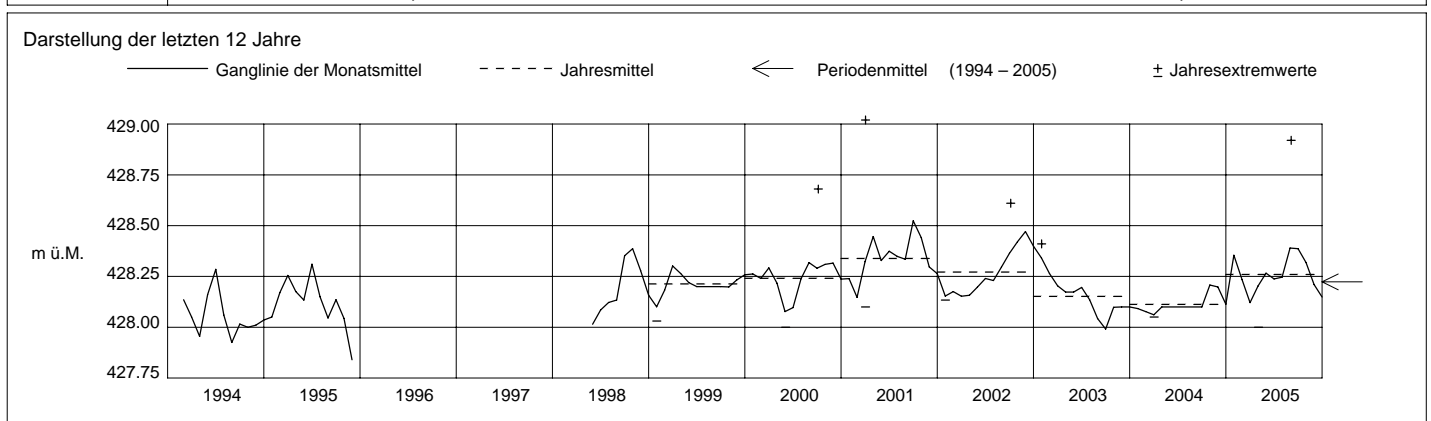
Grundwasserstände **Nr. 0021 Zug - Grienbachstrasse** **KANTON ZUG**
 Koordinaten: 682'270 / 226'385 **Amt für Umweltschutz**
 Orpheus Mini **Abstichpunkt: 430.50 m ü.M. OK Terrain: 429.93 m ü.M.**

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	428.42	428.27	428.19+	428.05	428.26	428.25	428.22	428.24-	428.42	428.32	428.25+	428.15	1	
	2	428.40	428.25	428.19+	428.05	428.25	428.24	428.21	428.27	428.40	428.40	428.25+	428.14	2	
	3	428.36	428.25	428.18	428.05	428.25	428.24	428.20-	428.39	428.40	428.40	428.23	428.13	3	
	4	428.40	428.26	428.16	428.05	428.26	428.28	428.24	428.34	428.39	428.41+	428.23	428.13	4	
	5	428.40	428.28	428.18	428.03	428.29	428.27	428.29+	428.31	428.39	428.38	428.25+	428.13	5	
	6	428.37	428.26	428.12	428.02-	428.30	428.27	428.25	428.30	428.36	428.36	428.24	428.13	6	
	7	428.40	428.25	428.11	428.02-	428.29	428.28	428.27	428.31	428.34	428.36	428.23	428.13	7	
	8	428.42	428.23	428.11	428.10	428.30	428.27	428.29+	428.31	428.32-	428.35	428.22	428.12-	8	
	9	428.38	428.22	428.11	428.21	428.29	428.27	428.26	428.30	428.35	428.35	428.21	428.14	9	
	10	428.39	428.23	428.13	428.26	428.28	428.26	428.26	428.29	428.51+	428.35	428.21	428.14	10	
m ü.M.	11	428.38	428.26	428.17	428.23	428.27	428.26	428.26	428.28	428.47	428.34	428.20	428.15	11	
	12	428.39	428.31	428.18	428.21	428.26	428.25	428.26	428.28	428.44	428.33	428.20	428.15	12	
	13	428.36	428.32+	428.13	428.19	428.26	428.26	428.25	428.28	428.42	428.33	428.20	428.15	13	
	14	428.37	428.27	428.11	428.19	428.25	428.25	428.25	428.29	428.42	428.32	428.20	428.15	14	
	15	428.37	428.25	428.08	428.19	428.24-	428.29+	428.24	428.35	428.41	428.32	428.20	428.14	15	
	16	428.35	428.21	428.08	428.19	428.26	428.27	428.24	428.37	428.40	428.31	428.20	428.16	16	
	17	428.37	428.20	428.08	428.24	428.26	428.25	428.24	428.33	428.45	428.31	428.21	428.18+	17	
	18	428.43+	428.21	428.10	428.27	428.25	428.24	428.24	428.31	428.42	428.31	428.21	428.18+	18	
	19	428.34	428.25	428.13	428.28	428.24-	428.23	428.24	428.34	428.41	428.30	428.21	428.17	19	
	20	428.35	428.24	428.13	428.32	428.24-	428.23	428.24	428.54	428.39	428.30	428.21	428.18+	20	
	+ Maximum	21	428.35	428.24	428.13	428.36+	428.24-	428.22	428.24	428.38	428.29	428.22	428.22	428.16	21
22		428.32	428.22	428.11	428.32	428.27	428.21	428.24	428.71+	428.38	428.29	428.21	428.15	22	
23		428.33	428.19	428.10	428.31	428.31+	428.20	428.23	428.58	428.37	428.30	428.21	428.15	23	
24		428.33	428.18	428.09	428.31	428.29	428.20	428.23	428.54	428.36	428.29	428.21	428.15	24	
25		428.32	428.18	428.11	428.30	428.27	428.19	428.24	428.51	428.35	428.28	428.21	428.16	25	
26		428.31	428.20	428.13	428.29	428.27	428.19	428.28	428.49	428.35	428.27	428.20	428.16	26	
27		428.31	428.18	428.11	428.28	428.27	428.19	428.26	428.48	428.34	428.27	428.20	428.17	27	
- Minimum		28	428.32	428.16-	428.08	428.27	428.26	428.18-	428.24	428.46	428.33	428.26	428.19	428.15	28
		29	428.26		428.08	428.27	428.26	428.18-	428.24	428.45	428.33	428.25-	428.17	428.15	29
		30	428.24-		428.07	428.26	428.26	428.20	428.24	428.44	428.32-	428.25-	428.16-	428.14	30
		31	428.27		428.06-	428.26	428.25	428.20	428.24	428.43	428.32-	428.25-	428.15	428.15	31
	Monatsmittel	428.35	428.23	428.12-	428.20	428.27	428.24	428.25	428.39+	428.39+	428.32	428.21	428.15	m ü.M.	
Spitze Datum	18.	13.	1.	20.	23.	15.	4.	21.	10.	2.	5.	17.	m ü.M.		
Amplitude	0.27	0.22	0.15	0.38	0.09	0.14	0.12	0.69+	0.27	0.17	0.11	0.08-	m		

Jahr Mittel: 428.26 Spitze: 428.92 (21.08.2005) Minimum: 428.00 (06.04.2005) Amplitude: 0.92



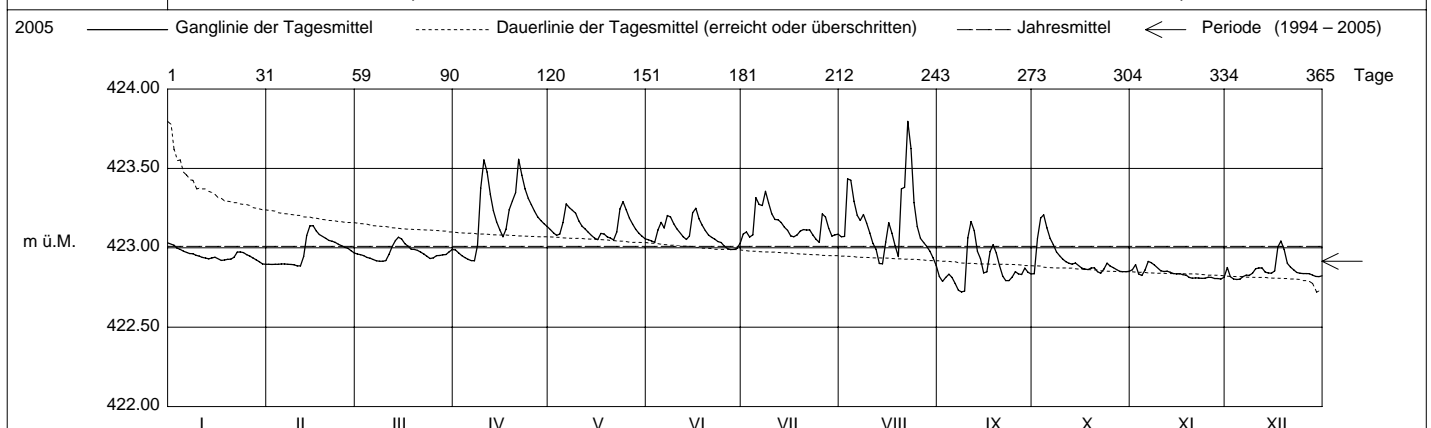
Periode 1994 - 2005 (12 Jahre)													
Monatsmittel	428.22	428.19	428.21	428.22	428.18-	428.19	428.20	428.22	428.27	428.29+	428.26	428.21	m ü.M.
Monats-Spitze Jahr	428.50 2005	428.51 1999	429.02+ 2001	428.64 2001	428.43- 2001	428.60 2001	428.61 2001	428.92 2005	428.82 2001	428.61 2001	428.58 2002	428.65 2001	m ü.M.
Monats-Minimum Jahr	428.03 1999	428.06 1999	428.05 2004	428.00 2005	427.99 1998	427.97 1998	428.07 1998	426.07- 2003	427.94 2003	427.94 2003	428.10 2003		m ü.M.
Monats-Amplitude Jahr	0.27 2005	0.45 1999	0.92 2001	0.38 2005	0.21- 2002	0.39 2001	0.37 2000	2.07+ 2003	0.49 2001	0.29 2001	0.24 1998	0.47 2001	m
Periode	Mittel: 428.22			Spitze: 429.02 (13.03.2001)			Minimum: 0.00 (00.12.1996)			Amplitude: 429.02			



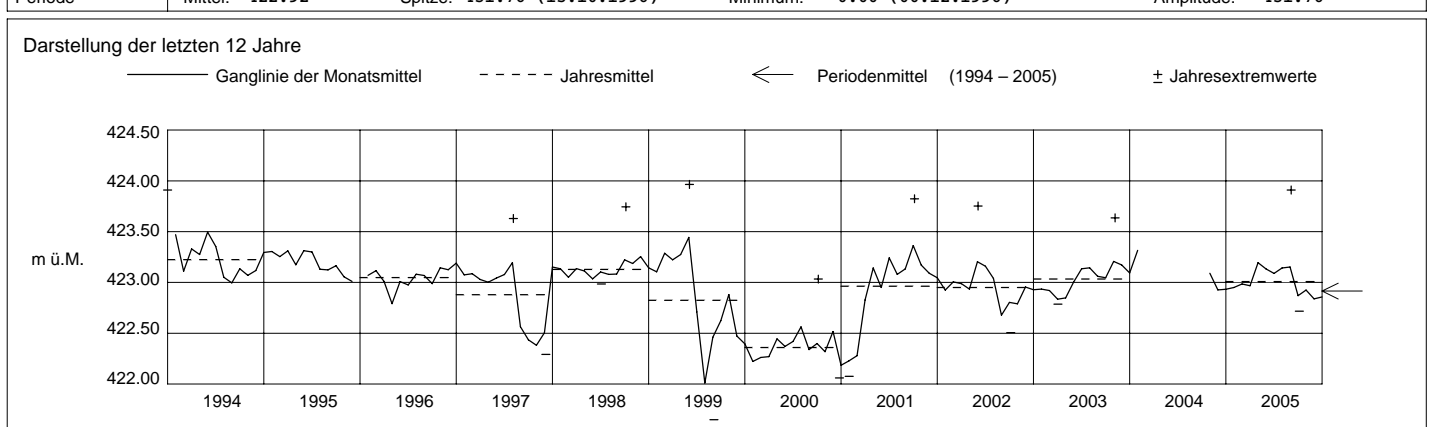
Grundwasserstände **Nr. 0034 Baar - Baarer Fussweg** **KANTON ZUG**
 Koordinaten: 681'705 / 226'296 **Amt für Umweltschutz**
 Drucksonde / R16 **Abstichpunkt: 426.07 m ü.M. OK Terrain: 425.07 m ü.M.**

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	423.03+	422.90	422.96	422.99	423.11	423.05	423.09	423.07	422.82	422.84-	422.86	422.88	1
	2	423.02	422.90	422.96	422.97	423.09	423.04	423.10	423.07	422.79	423.06	422.89	422.82	2
	3	423.00	422.90	422.95	422.95	423.08	423.03	423.07	423.43	422.81	423.19	422.84	422.80-	3
	4	422.99	422.90	422.94	422.94	423.09	423.11	423.08	423.43	422.83	423.21+	422.83	422.80-	4
	5	422.98	422.90	422.93	422.93	423.16	423.16	423.32	423.29	422.81	422.93	422.86	422.80-	5
	6	422.97	422.90	422.93	422.92-	423.28	423.12	423.27	423.21	422.77	423.06	422.91+	422.82	6
	7	422.96	422.90	422.92-	422.92-	423.25	423.20	423.27	423.17	422.73	423.02	422.91+	422.83	7
	8	422.96	422.89-	422.92-	422.92-	423.24	423.19	423.36+	423.21	422.72-	422.97	422.89	422.83	8
	9	422.95	422.89-	422.92-	423.37	423.22	423.15	423.28	423.16	422.73	422.95	422.87	422.84	9
	10	422.95	422.89-	422.92-	423.55	423.17	423.12	423.21	423.09	422.86	422.93	422.85	422.87	10
m ü.M.	11	422.94	422.89-	422.96	423.48	423.14	423.09	423.18	423.03	423.17+	422.91	422.85	422.87	11
	12	422.94	422.95	423.01	423.34	423.12	423.07	423.18	423.09	422.81	422.90	422.85	422.87	12
	13	422.93	423.08	423.05	423.23	423.10	423.05	423.16	422.90	422.98	422.90	422.85	422.85	13
	14	422.94	423.14+	423.07+	423.16	423.08	423.08	423.13	422.90	422.93	422.90	422.84	422.84	14
	15	422.94	423.14+	423.06	423.11	423.06	423.22	423.11	423.04	422.84	422.89	422.84	422.84	15
	16	422.93	423.11	423.03	423.07	423.05-	423.25+	423.08	423.16	422.85	422.87	422.84	422.86	16
	17	422.92	423.08	423.01	423.12	423.09	423.18	423.07	423.09	422.98	422.87	422.83	423.01	17
	18	422.92	423.07	422.99	423.24	423.09	423.14	423.08	423.01	423.02	422.86	422.83	423.04+	18
	19	422.93	423.06	422.99	423.30	423.07	423.11	423.10	422.94	422.97	422.87	422.81	422.99	19
	20	422.93	423.05	422.98	423.35	423.06	423.08	423.12	423.37	422.89	422.87	422.81	422.90	20
+ Maximum	21	422.94	423.04	422.97	423.56+	423.05-	423.07	423.11	423.38	422.82	422.85	422.81	422.88	21
	22	422.97	423.03	422.96	423.46	423.10	423.05	423.11	423.80+	422.79	422.84-	422.81	422.86	22
	23	422.97	423.02	422.95	423.37	423.25	423.04	423.08	423.63	422.79	422.87	422.81	422.84	23
	24	422.97	423.01	422.93	423.31	423.29+	423.03	423.05	423.28	422.82	422.90	422.81	422.84	24
	25	422.96	423.00	422.94	423.27	423.24	423.01	423.03-	423.13	422.85	422.88	422.81	422.84	25
	26	422.95	423.00	422.95	423.23	423.19	422.99-	423.21	423.06	422.84	422.87	422.81	422.84	26
	27	422.94	422.98	422.95	423.19	423.15	422.99-	423.19	423.03	422.83	422.86	422.81	422.84	27
	28	422.92	422.97	422.96	423.17	423.12	422.99-	423.12	423.01	422.87	422.85	422.81	422.83	28
	29	422.91		422.96	423.15	423.09	423.00	423.07	422.98	422.85	422.85	422.80-	422.82	29
	30	422.90-		422.97	423.13	423.07	423.03	423.08	422.94	422.84	422.85	422.81	422.82	30
31	422.90-		422.99		423.06		423.09	422.89-		422.85		422.82	31	
Monatsmittel		422.95	422.98	422.97	423.19+	423.13	423.09	423.14	423.15	422.87	422.93	422.84-	422.86	m ü.M.
Spitze Datum		423.04 1.	423.14 15.	423.07 15.	423.59 21.	423.30 24.	423.28 15.	423.38 8.	423.91+ 22.	423.22 11.	423.25 4.	422.93- 2.	423.05 19.	m ü.M.
Amplitude		0.14	0.26	0.15	0.67	0.25	0.29	0.35	1.06+	0.50	0.42	0.13-	0.25	m

Jahr Mittel: 423.01 Spitze: 423.91 (22.08.2005) Minimum: 422.72 (08.09.2005) Amplitude: 1.19

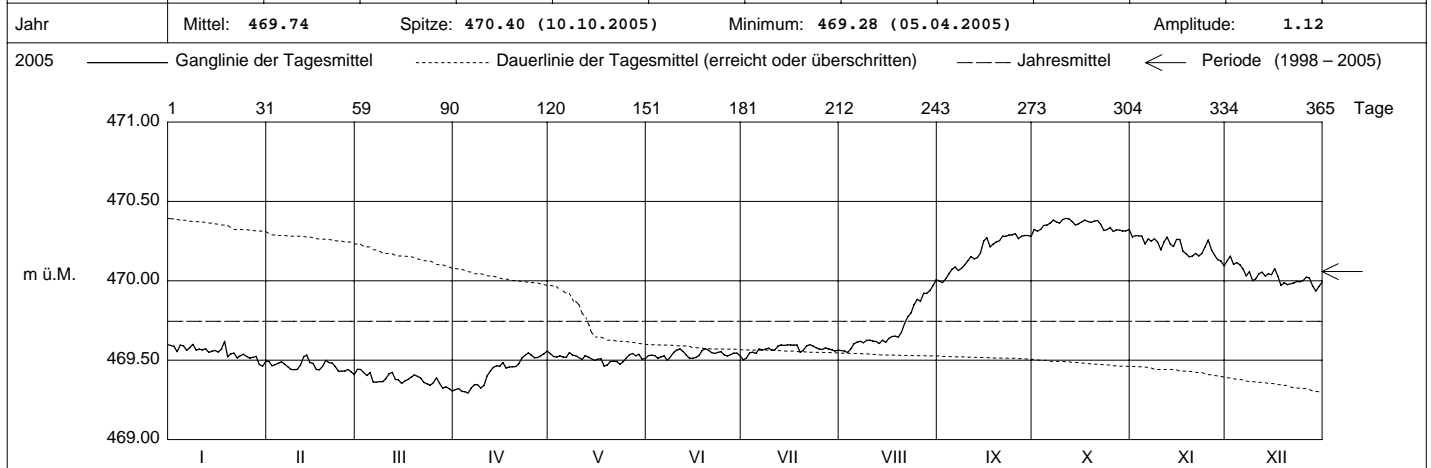


Periode 1994 - 2005 (12 Jahre)													
Monatsmittel	422.87	422.87	422.92	422.99	423.03+	423.00	422.93	422.84-	422.87	422.90	422.89	422.89	m ü.M.
Monats-Spitze Jahr	423.60 2004	423.84 1999	423.48- 1999	426.47 1996	431.13 1996	431.14 1996	431.42 1996	430.23 1996	430.29 1996	431.76+ 1996	431.42 1996	431.41 1996	m ü.M.
Monats-Minimum Jahr	422.07 2000	422.10 2000	422.10 2000	422.22 2000	422.32 2000	422.11 1999	421.75 1999	421.65- 1999	422.21 2000	422.22 2000	422.14 1999		m ü.M.
Monats-Amplitude Jahr	0.54- 2001	0.73 1999	1.04 2001	3.97 1996	8.63 1996	8.64 1996	8.92 1996	7.73 1996	7.79 1996	9.26 1996	8.92 1996	431.41+ 1996	m
Periode	Mittel: 422.92		Spitze: 431.76 (15.10.1996)				Minimum: 0.00 (00.12.1996)			Amplitude: 431.76			

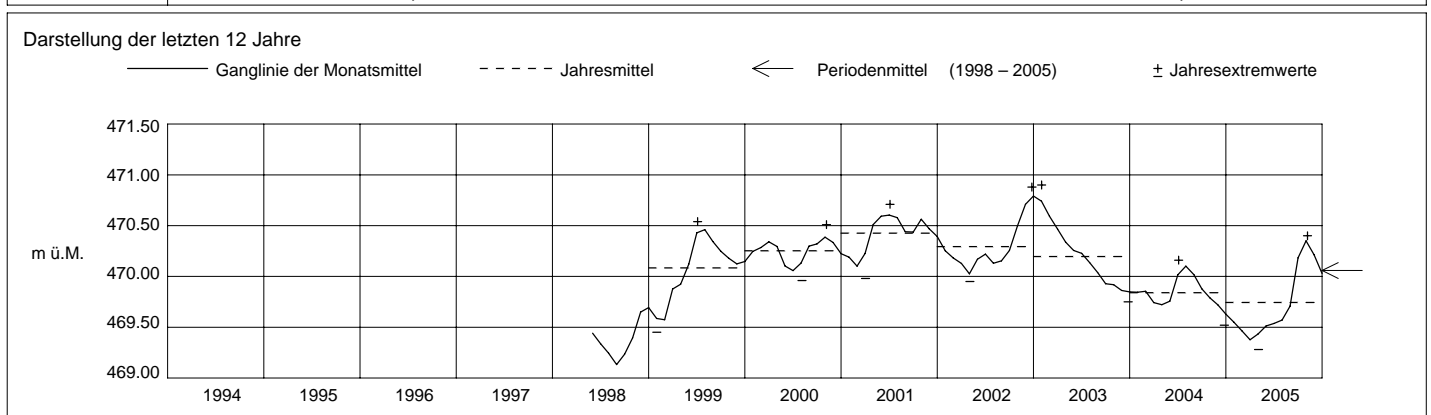


Grundwasserstände **Nr. 0170 Baar - Bachtalen** **KANTON ZUG**
 Koordinaten: 681'212 / 228'930 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 489.18 m ü.M. OK Terrain: 488.59 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	469.60	469.49	469.44+	469.31	469.54	469.53	469.50-	469.56	470.00	470.32	470.28	470.13	1	
		2	469.59	469.46	469.44+	469.32	469.52	469.53	469.51	469.56	469.99-	470.31-	470.29+	470.16+	2	
		3	469.55	469.47	469.42	469.30	469.52	469.53	469.55	469.55-	470.01	470.32	470.28	470.10	3	
		4	469.60	469.48	469.40	469.30	469.53	469.51	469.55	469.57	470.04	470.35	470.28	470.12	4	
		5	469.59	469.49	469.42	469.29-	469.52	469.52	469.54	469.60	470.07	470.35	470.23	470.10	5	
		6	469.56	469.47	469.36	469.33	469.52	469.53	469.57	469.61	470.09	470.36	470.26	470.08	6	
		7	469.58	469.46	469.36	469.34	469.55+	469.50-	469.56	469.62	470.07	470.38	470.25	470.03	7	
		8	469.60	469.44	469.37	469.35	469.53	469.52	469.57	469.61	470.08	470.37	470.26	470.06	8	
		9	469.56	469.44	469.36	469.32	469.53	469.55	469.58	469.63	470.10	470.36	470.24	470.00	9	
		10	469.57	469.44	469.38	469.34	469.52	469.56	469.56	469.63	470.13	470.39+	470.20	470.01	10	
	m ü.M.	11	469.56	469.47	469.41	469.40	469.50	469.57+	469.57	469.62	470.15	470.39+	470.24	470.04	11	
		12	469.57	469.52	469.42	469.43	469.53	469.59	469.62	470.14	470.39+	470.28	470.05	12		
		13	469.55	469.53+	469.38	469.45	469.52	469.53	469.60+	469.61	470.15	470.37	470.23	470.03	13	
		14	469.56	469.48	469.38	469.46	469.51	469.51	469.59	469.63	470.18	470.35	470.22	470.04	14	
		15	469.56	469.48	469.35	469.46	469.50	469.51	469.60+	469.61	470.25	470.36	470.26	470.04	15	
		16	469.55	469.44	469.37	469.48	469.51	469.52	469.60+	469.64	470.27	470.37	470.26	470.08	16	
		17	469.57	469.44	469.38	469.45	469.51	469.53	469.60+	469.65	470.21	470.38	470.19	470.03	17	
		18	469.62+	469.46	469.39	469.46	469.46-	469.56	469.60+	469.65	470.23	470.37	470.17	469.97	18	
		19	469.52	469.50	469.41	469.46	469.47	469.57+	469.55	469.65	470.25	470.37	470.15	469.99	19	
		20	469.54	469.48	469.40	469.46	469.49	469.56	469.56	469.68	470.25	470.38	470.16	469.98	20	
	+ Maximum	21	469.54	469.48	469.39	469.48	469.49	469.55	469.59	469.73	470.28	470.38	470.17	469.98	21	
		22	469.51	469.46	469.36	469.51	469.49	469.54	469.60+	469.77	470.28	470.36	470.16	469.99	22	
		23	469.53	469.43	469.35	469.53	469.47	469.55	469.59	469.80	470.29	470.32	470.17	470.00	23	
		24	469.54	469.43	469.34	469.55	469.49	469.55	469.58	469.85	470.29	470.32	470.21	469.99	24	
		25	469.52	469.43	469.36	469.53	469.51	469.53	469.57	469.88	470.30+	470.34	470.26	470.00	25	
		- Minimum	26	469.51	469.44	469.39	469.52	469.53	469.53	469.57	469.87	470.27	470.31-	470.20	470.02	26
			27	469.52	469.43	469.35	469.52	469.54	469.54	469.58	469.92	470.28	470.32	470.16	470.02	27
			28	469.52	469.41-	469.32	469.53	469.53	469.54	469.57	469.92	470.29	470.32	470.13	469.97	28
			29	469.47		469.33	469.54	469.54	469.54	469.57	469.94	470.29	470.31-	470.13	469.94-	29
			30	469.46-		469.32	469.56+	469.51	469.53	469.56	469.97	470.28	470.31-	470.09-	469.97	30
			31	469.49		469.31-		469.51		469.56	470.01+		470.32		469.99	31
Monatsmittel		469.55	469.46	469.38-	469.43	469.51	469.54	469.57	469.71	470.18	470.35+	470.21	470.03	m ü.M.		
Spitze Datum		18.	13.	469.45- 1.	469.57 25.	469.56 7.	469.58 11.	469.61 15.	470.02 31.	470.31 25.	470.40+ 10.	470.30 1.	470.17 2.	m ü.M.		
Amplitude		0.24	0.18	0.15	0.29	0.12	0.09-	0.12	0.48+	0.33	0.10	0.21	0.24	m		
Jahr		Mittel: 469.74			Spitze: 470.40 (10.10.2005)			Minimum: 469.28 (05.04.2005)			Amplitude: 1.12					



Periode		1998 - 2005 (8 Jahre)												
Monatsmittel		470.06	470.01-	470.02	470.04	470.02	470.05	470.04	470.02	470.06	470.13+	470.13+	470.09	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	470.57- 2001	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	469.52+ 2004	m ü.M.
Monats-Amplitude Jahr		0.33 2003	0.34 1999	0.47 2001	0.33 2001	0.41 1999	0.44 2004	0.31 2000	0.48+ 2005	0.35 1998	0.27- 1998	0.33 1998	0.32 1999	m
Periode		Mittel: 470.06			Spitze: 470.90 (02.01.2003)			Minimum: 469.02 (03.09.1998)			Amplitude: 1.88			

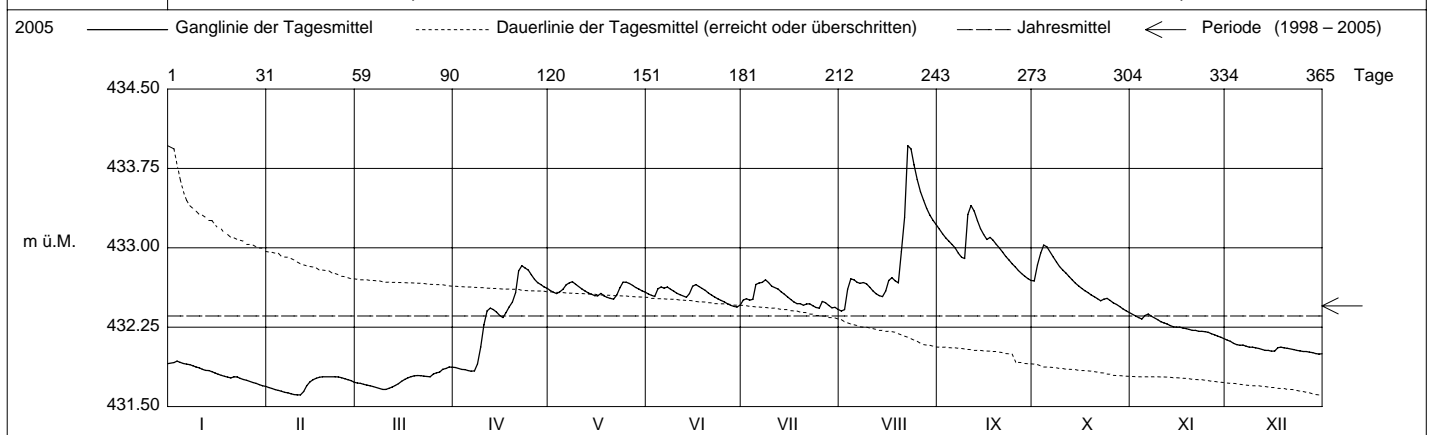


Grundwasserstände		Nr. 0171 Baar - Seebachtel-Gulmatt											KANTON ZUG			
Orphimedes		Koordinaten: 681'115 / 228'808											Amt für Umweltschutz			
		Abstichpunkt: 485.31 m ü.M. OK Terrain: 485.40 m ü.M.														
2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
	Tagesmittel	1	472.90+	472.70+	472.58	472.61-	473.48+	473.37	473.34+	473.25	480.30+	477.48+	475.83+	474.68+	1	
		2	472.90+	472.68	472.58	472.62	473.48+	473.37	473.33	473.25	480.02	477.38	475.77	474.67	2	
		3	472.88	472.68	472.58	472.61-	473.48+	473.37	473.33	473.24-	479.76	477.29	475.71	474.64	3	
		4	472.87	472.67	472.57	472.61-	473.48+	473.35-	473.33	473.28	479.51	477.26	475.66	474.62	4	
		5	472.87	472.67	472.57	472.61-	473.48+	473.35-	473.32	473.36	479.58	477.22	475.58	474.59	5	
		6	472.86	472.67	472.56	472.62	473.47	473.36	473.32	473.42	479.05	477.19	475.52	474.56	6	
		7	472.85	472.66	472.54	472.63	473.47	473.35-	473.32	473.45	478.81	477.17	475.47	474.51	7	
		8	472.86	472.65	472.54	472.63	473.47	473.36	473.32	473.45	478.59	477.15	475.42	474.49	8	
		9	472.85	472.64	472.53	472.63	473.46	473.38	473.32	473.46	478.42	477.12	475.37	474.45	9	
		10	472.84	472.63	472.53	472.67	473.45	473.40	473.32	473.47	479.85	477.09	475.30	474.42	10	
		11	472.83	472.64	472.54	472.75	473.44	473.41+	473.32	473.47	480.26	477.06	475.27	474.41	11	
		12	472.83	472.65	472.54	472.83	473.44	473.41+	473.33	473.47	480.20	477.02	475.26	474.40	12	
		13	472.82	472.66	472.53	472.90	473.44	473.41+	473.34+	473.46	480.12	476.97	475.21	474.38	13	
		14	472.81	472.64	472.52	472.94	473.43	473.39	473.34+	473.47	480.02	476.91	475.16	474.37	14	
		15	472.81	472.64	472.51	472.96	473.42	473.37	473.34+	473.46	479.95	476.85	475.15	474.36	15	
		16	472.80	472.62	472.50	472.98	473.42	473.36	473.34+	473.49	479.85	476.80	475.13	474.37	16	
		17	472.80	472.61	472.49-	472.98	473.42	473.36	473.34+	473.55	479.66	476.75	475.07	474.34	17	
		18	472.82	472.61	472.50	472.98	473.39	473.38	473.34+	473.61	479.46	476.69	475.02	474.30	18	
		19	472.80	472.62	472.51	472.99	473.38	473.40	473.31	473.63	479.26	476.64	474.97	474.27	19	
		20	472.79	472.62	472.52	473.01	473.37	473.40	473.30	474.31	479.06	476.58	474.94	474.25	20	
		21	472.78	472.62	472.53	473.09	473.37	473.40	473.31	475.66	478.88	476.52	474.92	474.23	21	
		22	472.77	472.62	472.55	473.23	473.37	473.39	473.32	479.00	478.70	476.46	474.89	474.22	22	
		23	472.77	472.61	472.57	473.33	473.35	473.39	473.31	479.31	478.53	476.38	474.87	474.21	23	
		24	472.76	472.60	472.58	473.38	473.33-	473.40	473.31	478.86	478.37	476.30	474.87	474.20	24	
		25	472.75	472.60	472.59	473.41	473.34	473.38	473.30	480.18	478.23	476.24	474.89	474.20	25	
		+ Maximum	26	472.75	472.59	472.61	473.42	473.36	473.37	473.29	481.47+	478.07	476.17	474.85	474.20	26
		- Minimum	27	472.74	472.59	472.62+	473.43	473.37	473.37	473.29	481.28	477.94	476.11	474.81	474.20	27
			28	472.74	472.58-	472.61	473.44	473.38	473.37	473.28	481.10	477.81	476.05	474.77	474.17	28
			29	472.72		472.62+	473.45	473.38	473.38	473.27	480.92	477.69	476.00	474.74	474.14	29
			30	472.70-		472.62+	473.47+	473.37	473.36	473.26-	480.73	477.57-	475.94	474.70-	474.13-	30
		31	472.70-		472.61		473.36		473.26-	480.55		475.90-		474.13-	31	
Monatsmittel		472.81	472.63	472.56-	472.97	473.41	473.38	473.31	475.76	479.11+	476.73	475.17	474.36	m ü.M.		
Spitze Datum		472.91 1.	472.70 1.	472.62- 27.	473.48 30.	473.49 1.	473.42 11.	473.36 1.	481.63+ 25.	480.42 1.	477.52 1.	475.86 1.	474.69 1.	m ü.M.		
Amplitude		0.22	0.12	0.13	0.87	0.16	0.08-	0.11	8.40+	2.90	1.65	1.18	0.57	m		
Jahr		Mittel: 474.36			Spitze: 481.63 (25.08.2005)			Minimum: 472.49 (17.03.2005)			Amplitude: 9.14					
2005		<p>—— Ganglinie der Tagesmittel - - - - - Dauerlinie der Tagesmittel (erreicht oder überschritten) - - - - Jahresmittel ← Periode (2002 - 2005)</p>														
Periode		2002 - 2005 (4 Jahre)														
Monatsmittel		474.51	474.22	473.97	473.92-	473.97	474.05	474.20	474.75	476.23+	474.98	475.06	474.73	m ü.M.		
Monats-Spitze Jahr		477.20 2003	476.46 2003	475.73 2003	475.29 2003	474.75- 2003	474.84 2003	475.39 2004	481.63+ 2005	480.42 2005	477.52 2002	478.93 2002	478.39 2003	m ü.M.		
Monats-Minimum Jahr		472.69 2005	472.58 2005	472.49- 2005	472.61 2005	473.33 2005	473.34 2005	473.25 2005	473.23 2005	473.73+ 2003	473.43 2004	473.22 2004	472.90 2004	m ü.M.		
Monats-Amplitude Jahr		0.74 2003	0.73 2003	0.46 2003	0.87 2005	0.20 2003	0.18- 2003	0.84 2004	8.40+ 2005	2.90 2005	1.65 2005	2.04 2002	1.20 2002	m		
Periode		Mittel: 474.55			Spitze: 481.63 (25.08.2005)			Minimum: 472.49 (17.03.2005)			Amplitude: 9.14					
Darstellung der letzten 12 Jahre		<p>—— Ganglinie der Monatsmittel - - - - Jahresmittel ← Periodenmittel (2002 - 2005) ± Jahresextremwerte</p>														

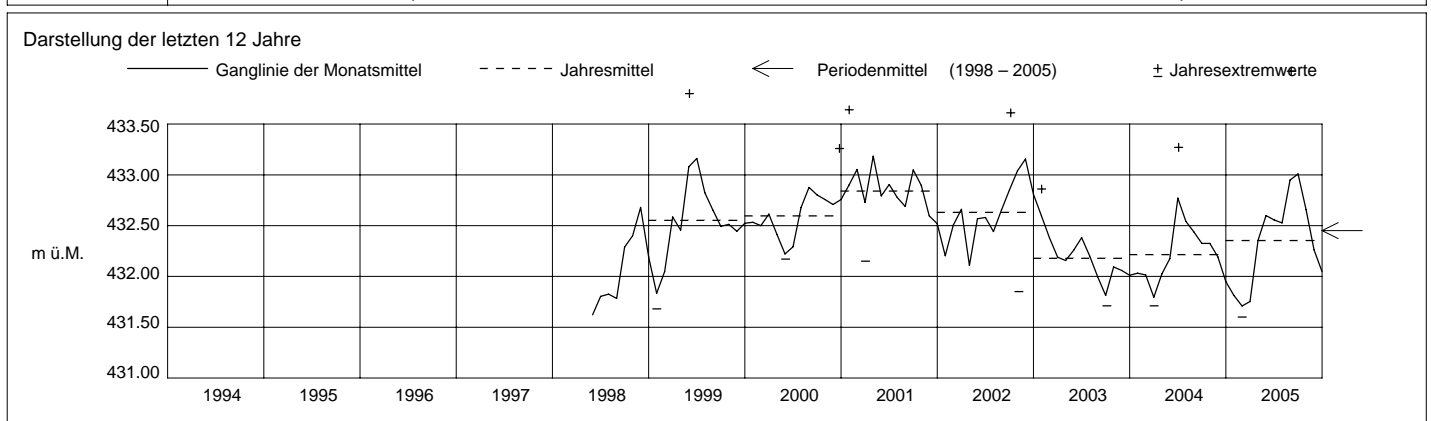
Grundwasserstände **Nr. 0188 Baar - Hans-Waldmannstrasse** **KANTON ZUG**
 Koordinaten: 681'649 / 228'333 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 435.59 m ü.M. OK Terrain: 435.67 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	431.90	431.68	431.72	431.87	432.60	432.56	432.51	432.40-	433.18	432.69	432.37+	432.13+	1	
		2	431.92	431.67	431.72	431.86	432.58	432.55	432.52	432.42	433.13	432.84	432.36	432.12	2	
		3	431.93+	431.66	431.71	431.85	432.57	432.54	432.51	432.61	433.09	432.95	432.34	432.10	3	
		4	431.92	431.65	431.70	431.85	432.58	432.61	432.51	432.71	433.06	433.03+	432.33	432.08	4	
		5	431.91	431.64	431.70	431.84	432.61	432.63	432.65	432.70	433.03	433.01	432.36	432.08	5	
		6	431.90	431.63	431.69	431.83-	432.65	432.62	432.67	432.67	433.00	432.96	432.37+	432.08	6	
		7	431.90	431.63	431.68	431.84	432.67	432.63	432.67	432.66	432.95	432.91	432.35	432.07	7	
		8	431.89	431.62	431.67	431.90	432.68+	432.61	432.70+	432.67	432.91	432.87	432.34	432.06	8	
		9	431.87	431.61-	431.66-	432.06	432.66	432.59	432.67	432.66	432.90	432.82	432.32	432.06	9	
		10	431.87	431.61-	431.66-	432.27	432.63	432.57	432.64	432.63	433.32	432.79	432.30	432.05	10	
	m ü.M.	11	431.85	431.61-	431.67	432.40	432.61	432.56	432.62	432.59	433.40+	432.76	432.29	432.05	11	
		12	431.84	431.64	431.68	432.43	432.59	432.54	432.61	432.57	433.35	432.73	432.28	432.04	12	
		13	431.84	431.70	431.70	432.42	432.57	432.53	432.58	432.55	433.26	432.70	432.26	432.03	13	
		14	431.83	431.73	431.72	432.39	432.56	432.57	432.56	432.54	433.18	432.67	432.25	432.03	14	
		15	431.82	431.75	431.74	432.36	432.55	432.64	432.54	432.59	433.13	432.64	432.25	432.02	15	
		16	431.81	431.77	431.76	432.34	432.55	432.65+	432.51	432.69	433.08	432.62	432.25	432.03	16	
		17	431.79	431.78+	431.77	432.39	432.57	432.63	432.49	432.72	433.10	432.60	432.24	432.06	17	
		18	431.79	431.78+	431.78	432.44	432.55	432.62	432.47	432.69	433.07	432.58	432.24	432.06	18	
		19	431.78	431.78+	431.79	432.49	432.53	432.60	432.47	432.67	433.03	432.55	432.23	432.06	19	
		20	431.77	431.78+	431.79	432.58	432.52	432.57	432.46	432.97	433.00	432.54	432.22	432.05	20	
	+ Maximum	21	431.78	431.78+	431.79	432.78	432.51-	432.55	432.47	433.29	432.96	432.52	432.22	432.04	21	
		22	431.78	431.78+	431.79	432.83+	432.55	432.53	432.47	433.97+	432.92	432.50	432.21	432.04	22	
		23	431.77	431.78+	431.78	432.81	432.62	432.52	432.45	433.94	432.89	432.51	432.21	432.03	23	
		24	431.76	431.77	431.78	432.79	432.67	432.50	432.44	433.78	432.85	432.52	432.21	432.03	24	
		25	431.75	431.76	431.81	432.75	432.68+	432.49	432.43	433.65	432.82	432.50	432.20	432.02	25	
		- Minimum	26	431.74	431.75	431.82	432.70	432.66	432.47	432.49	433.53	432.79	432.48	432.19	432.02	26
			27	431.73	431.75	431.83	432.67	432.64	432.46	432.48	433.45	432.76	432.46	432.18	432.01	27
			28	431.72	431.73	431.85	432.65	432.62	432.45	432.46	433.37	432.73	432.44	432.16	432.01	28
			29	431.71		431.86	432.63	432.61	432.44-	432.43	433.31	432.71	432.42	432.16	432.00-	29
			30	431.70		431.87+	432.62	432.59	432.46	432.44	433.26	432.69-	432.41	432.14-	432.00-	30
			31	431.69-		431.87+		432.58		432.42-	433.22		432.39-		432.00-	31
Monatsmittel	431.81	431.71-	431.75	432.35	432.60	432.56	432.53	432.95	433.01+	432.66	432.26	432.05	m ü.M.			
Spitze Datum	431.93 2.	431.78- 17.	431.88 30.	432.84 22.	432.69 8.	432.66 15.	432.70 8.	434.02+ 22.	433.42 11.	433.04 4.	432.38 1.	432.13 1.	m ü.M.			
Amplitude	0.25	0.18	0.22	1.01	0.18	0.23	0.29	1.63+	0.74	0.66	0.25	0.14-	m			

Jahr Mittel: 432.36 Spitze: 434.02 (22.08.2005) Minimum: 431.60 (11.02.2005) Amplitude: 2.42



Periode 1998 - 2005 (8 Jahre)													
Monatsmittel	432.27-	432.31	432.33	432.38	432.48	432.56	432.48	432.51	432.58+	432.58+	432.51	432.35	m ü.M.
Monats-Spitze Jahr	433.64 2001	433.29 2001	433.23 2001	433.51 2001	433.80 1999	433.41 1999	433.09- 2000	434.02+ 2005	433.61 2002	433.26 2002	433.33 2003	433.26 2000	m ü.M.
Monats-Minimum Jahr	431.68 1999	431.60 2005	431.66 2005	431.83 2005	431.59- 1998	431.59- 1998	431.77 1998	431.74 1998	431.71 2003	431.74 2003	431.95+ 2003	431.81 2003	m ü.M.
Monats-Amplitude Jahr	1.23 2001	1.29 1999	1.08	1.01 2005	1.41 1999	1.16 2004	0.82 2000	1.63+ 2005	1.07 2002	1.41 2002	0.58- 2002	0.78 2000	m
Periode	Mittel: 432.45		Spitze: 434.02 (22.08.2005)				Minimum: 431.59 (31.05.1998)			Amplitude: 2.43			



Grundwasserstände

Nr. 0203 Baar - Zimbel

KANTON ZUG

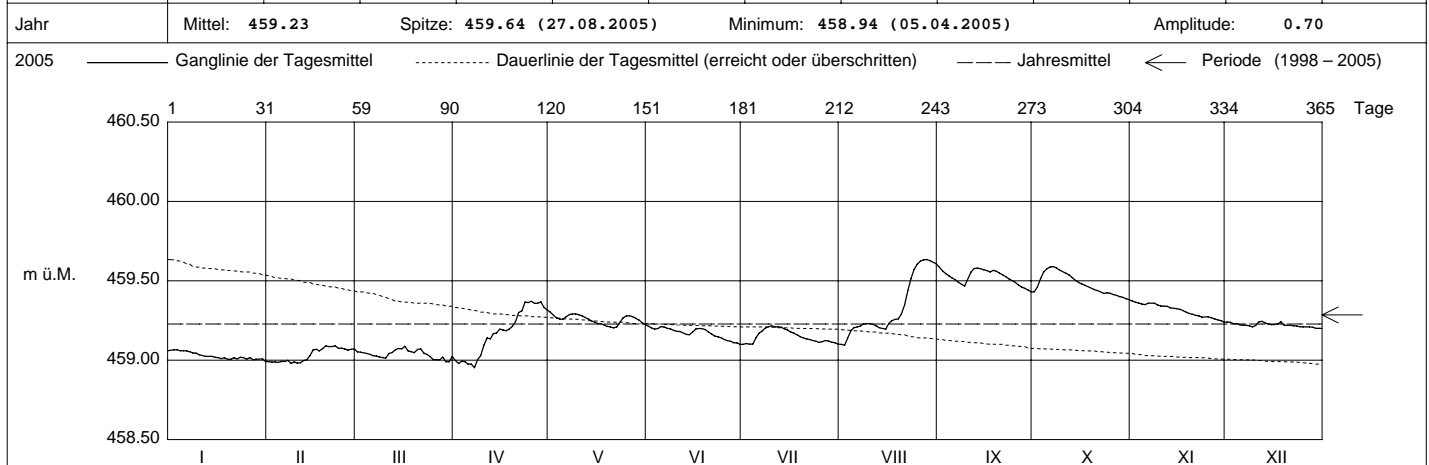
Koordinaten: 680'885 / 228'109

Amt für Umweltschutz

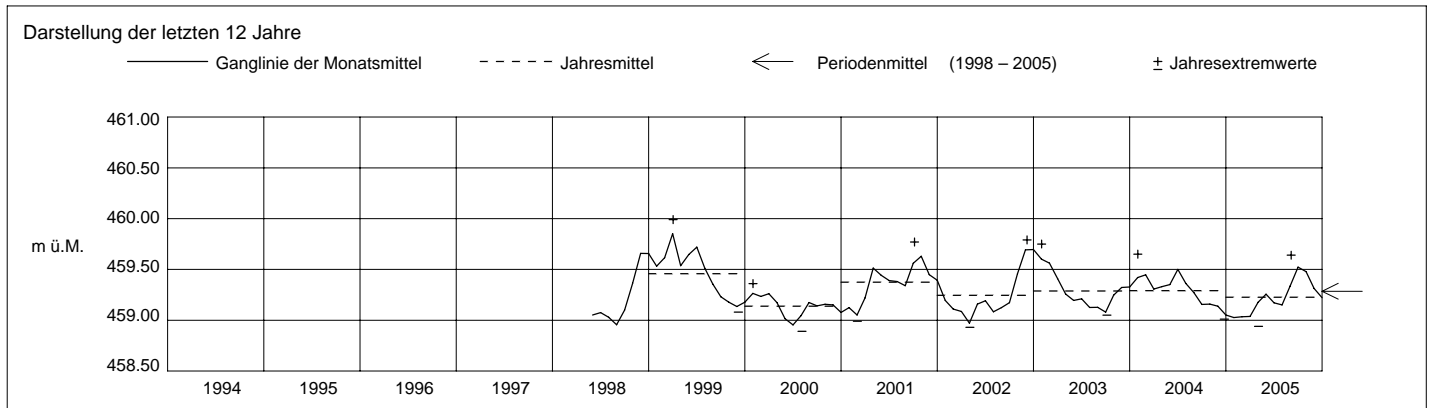
Orpheus Mini

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

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tagesmittel	1	459.06	458.99	459.05	459.00	459.30+	459.21+	459.10-	459.10	459.59+	459.43	459.37+	459.24	1		
	2	459.07+	458.99	459.05	458.98	459.28	459.20	459.11	459.09-	459.56	459.46	459.37+	459.24	2		
	3	459.07+	458.99	459.05	458.99	459.27	459.20	459.10-	459.14	459.55	459.52	459.36	459.23	3		
	4	459.06	458.99	459.04	458.99	459.26	459.20	459.10-	459.18	459.53	459.56	459.35	459.23	4		
	5	459.06	458.99	459.04	458.97	459.26	459.21+	459.14	459.20	459.52	459.58	459.35	459.22	5		
	6	459.06	458.99	459.03	458.98	459.27	459.21+	459.17	459.21	459.51	459.59+	459.36	459.22	6		
	7	459.05	459.00	459.03	458.95-	459.29	459.20	459.18	459.22	459.49	459.59+	459.36	459.22	7		
	8	459.05	458.98-	459.02	459.00	459.29	459.20	459.20	459.23	459.48	459.58	459.36	459.22	8		
	9	459.04	458.99	459.02	459.03	459.29	459.19	459.21	459.23	459.47	459.57	459.35	459.21	9		
	10	459.03	458.98-	459.01	459.10	459.29	459.18	459.22+	459.23	459.51	459.56	459.34	459.22	10		
	m ü.M.	11	459.03	458.98-	459.04	459.14	459.28	459.18	459.21	459.23	459.56	459.55	459.34	459.24	11	
		12	459.02	459.00	459.05	459.13	459.27	459.17	459.22	459.22	459.58	459.54	459.34	459.25+	12	
		13	459.02	459.00	459.07	459.17	459.26	459.16	459.21	459.21	459.58	459.52	459.33	459.23	13	
		14	459.02	459.03	459.07	459.17	459.25	459.16	459.20	459.20	459.58	459.50	459.33	459.23	14	
		15	459.02	459.06	459.07	459.20	459.24	459.18	459.19	459.20	459.57	459.49	459.33	459.22	15	
		16	459.02	459.07	459.09+	459.19	459.23	459.20	459.18	459.23	459.56	459.48	459.32	459.23	16	
		17	459.01	459.06	459.06	459.19	459.23	459.20	459.17	459.25	459.56	459.47	459.31	459.23	17	
		18	459.02	459.07	459.05	459.20	459.22	459.20	459.16	459.26	459.57	459.46	459.30	459.24	18	
		19	459.01	459.09+	459.05	459.21	459.21	459.19	459.15	459.26	459.56	459.45	459.29	459.22	19	
		20	459.01	459.09+	459.07	459.24	459.21	459.18	459.14	459.29	459.55	459.45	459.29	459.22	20	
		+ Maximum	21	459.02	459.09+	459.07	459.30	459.20-	459.16	459.13	459.35	459.54	459.44	459.28	459.22	21
	22		459.01	459.09+	459.04	459.31	459.21	459.15	459.13	459.44	459.53	459.43	459.28	459.22	22	
	23		459.02	459.07	459.04	459.37+	459.24	459.15	459.12	459.51	459.51	459.42	459.27	459.22	23	
	24		459.02	459.08	459.02	459.36	459.27	459.14	459.12	459.57	459.50	459.42	459.27	459.21	24	
	25		459.01	459.07	459.00	459.37+	459.28	459.13	459.11	459.61	459.49	459.42	459.27	459.21	25	
	- Minimum		26	459.02	459.06	459.00	459.36	459.28	459.12	459.12	459.62	459.47	459.41	459.27	459.21	26
			27	459.00	459.07	459.00	459.36	459.27	459.12	459.12	459.63+	459.46	459.41	459.26	459.21	27
			28	459.01	459.07	459.02	459.37+	459.26	459.11	459.12	459.63+	459.45	459.40	459.25	459.21	28
			29	459.01		458.99-	459.33	459.25	459.11	459.11	459.63+	459.44	459.40	459.25	459.20-	29
			30	459.01		458.99-	459.32	459.24	459.10-	459.11	459.62	459.43-	459.39	459.24-	459.20-	30
			31	458.99-		459.02		459.22		459.10-	459.61		459.38-		459.20-	31
Monatsmittel	459.03-	459.03-	459.04	459.18	459.26	459.17	459.15	459.33	459.52+	459.48	459.31	459.22	m ü.M.			
Spitze Datum	459.10-9.	459.1819.	459.2920.	459.5526.	459.321.	459.221.	459.229.	459.64+27.	459.591.	459.596.	459.381.	459.2911.	m ü.M.			
Amplitude	0.12	0.21	0.33	0.61+	0.12	0.12	0.12	0.55	0.16	0.21	0.14	0.10-	m			
Jahr	Mittel: 459.23		Spitze: 459.64 (27.08.2005)				Minimum: 458.94 (05.04.2005)				Amplitude: 0.70					



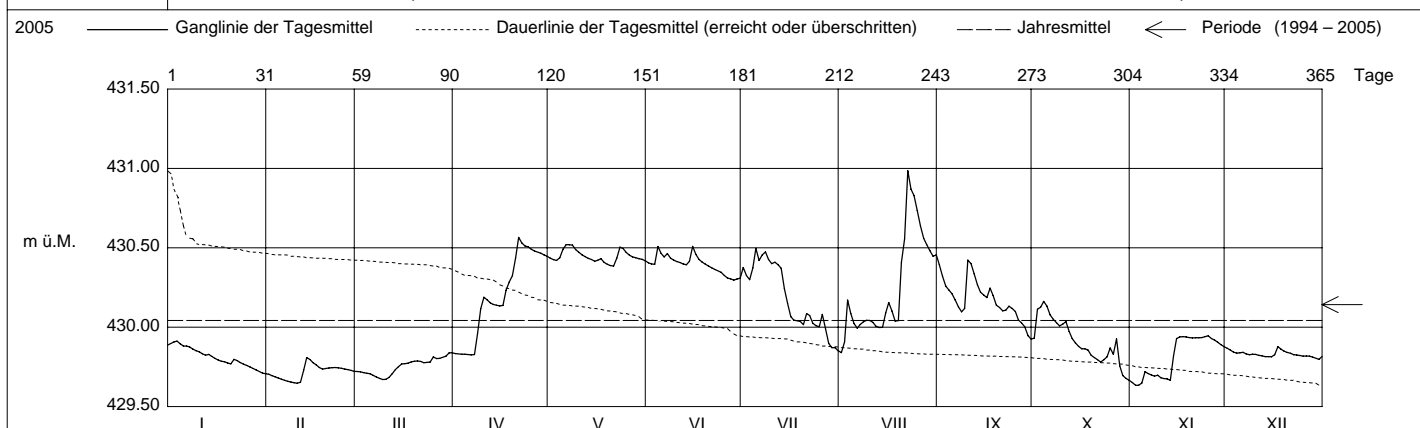
Periode	1998 - 2005 (8 Jahre)												
Monatsmittel	459.31	459.29	459.31	459.28	459.28	459.28	459.21-	459.21-	459.25	459.33	459.36+	459.32	m ü.M.
Monats-Spitze Jahr	459.75 2003	459.85 1999	459.99+ 1999	459.67 1999	459.89 1999	459.80 1999	459.61- 1999	459.64 2005	459.77 2001	459.75 2001	459.79 2002	459.75 2005	m ü.M.
Monats-Minimum Jahr	458.98 2005	458.97 2005	458.96 2005	458.93 2002	458.95 2000	458.90 2000	458.89- 2000	458.91 1998	458.90 1998	459.06 2003	459.07+ 2004	459.01 2000	m ü.M.
Monats-Amplitude Jahr	0.45 2004	0.32 1999	0.42 2001	0.61+ 2005	0.47 1999	0.29 2004	0.28 2000	0.55 2005	0.46 2001	0.30 1998	0.34 2002	0.25- 2001	m
Periode	Mittel: 459.28		Spitze: 459.99 (16.03.1999)				Minimum: 458.89 (04.07.2000)				Amplitude: 1.10		



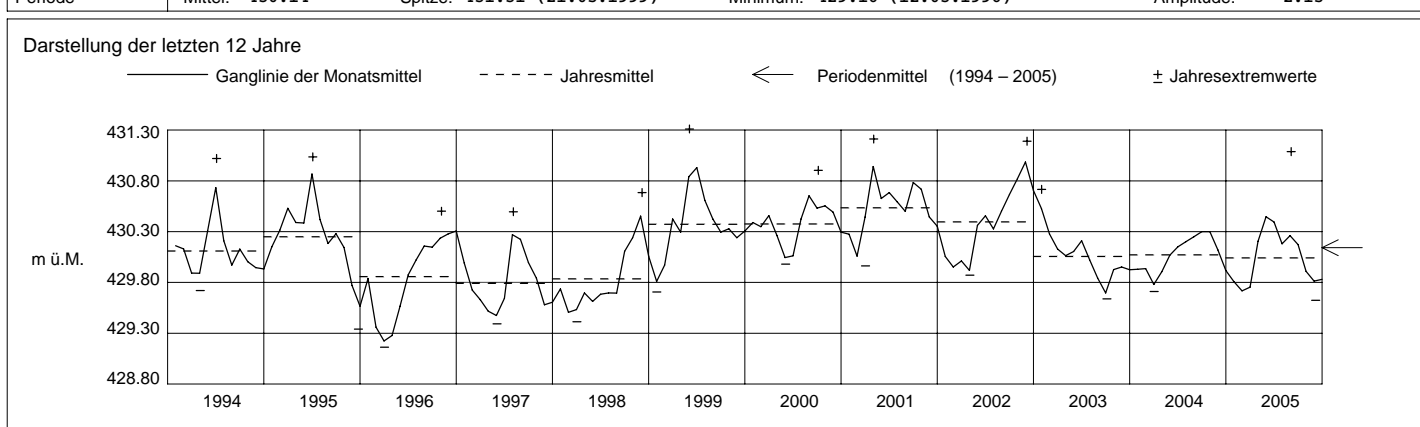
Grundwasserstände **Nr. 0206 Baar - Weidhof / Weststrasse** **KANTON ZUG**
 Koordinaten: 681'605 / 227'651 **Amt für Umweltschutz**
 Orpheus **Abstichpunkt: 431.96 m ü.M. OK Terrain: 432.16 m ü.M.**

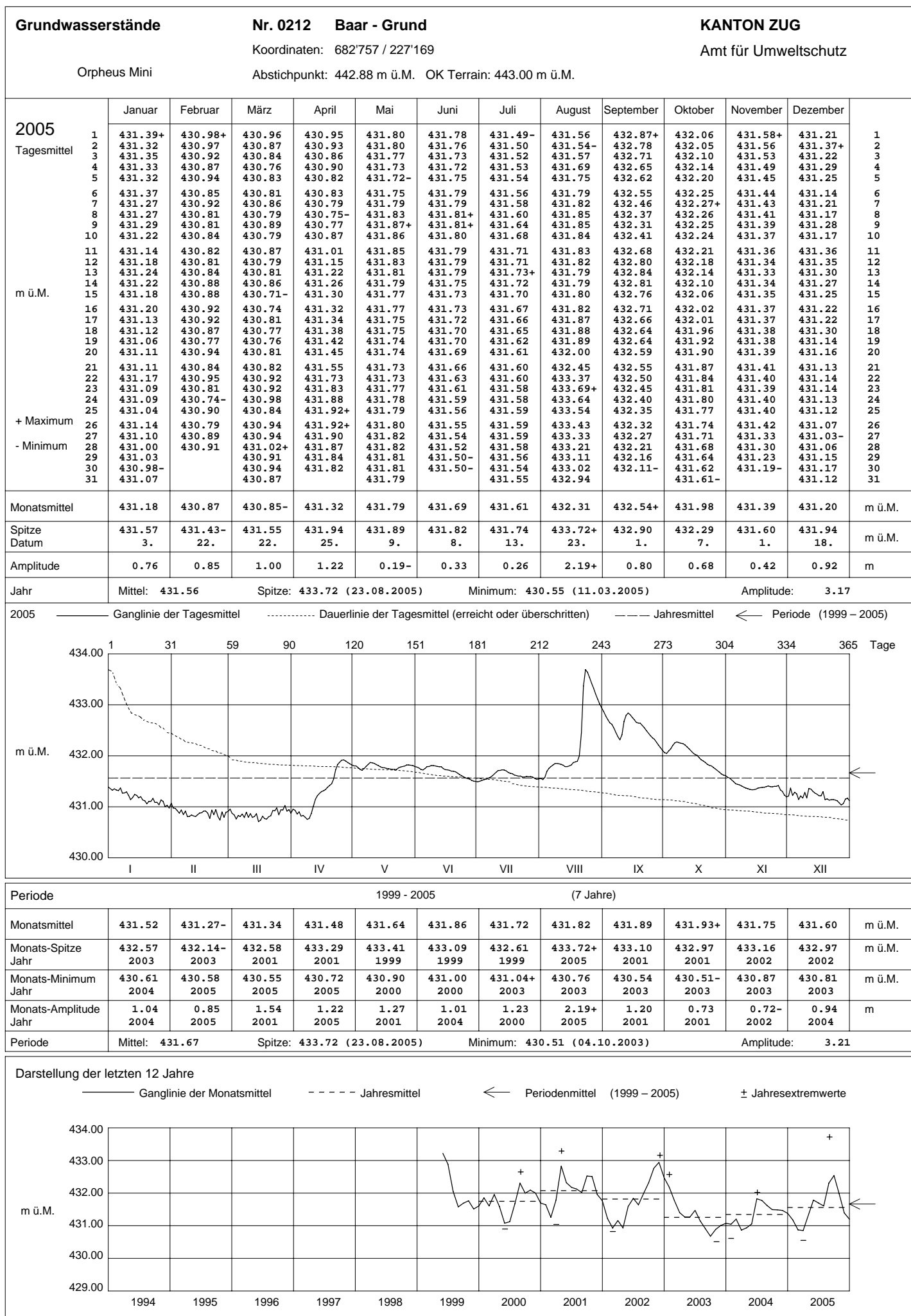
2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	429.89	429.70	429.72	429.83-	430.43	430.41	430.38	429.84-	430.39	429.93	429.65	429.87	1
	2	429.91+	429.69	429.72	429.83-	430.43	430.40	430.33	429.91	430.32	430.11	429.63-	429.86	2
	3	429.91+	429.69	429.71	429.83-	430.42	430.40	430.30	430.17	430.26	430.13	429.63-	429.84	3
	4	429.89	429.68	429.71	429.83-	430.44	430.51+	430.37	430.09	430.23	430.16+	429.65	429.84	4
	5	429.88	429.67	429.71	429.83-	430.49	430.47	430.50+	430.02	430.21	430.13	429.72	429.84	5
	6	429.88	429.67	429.70	429.83-	430.52+	430.44	430.42	429.99	430.17	430.08	429.71	429.84	6
	7	429.88	429.66	429.69	429.83-	430.52+	430.46	430.46	430.02	430.13	430.05	429.70	429.83	7
	8	429.86	429.65-	429.68	429.96	430.52+	430.43	430.47	430.03	430.10	430.03	429.69	429.83	8
	9	429.85	429.65-	429.67-	430.12	430.49	430.42	430.43	430.04	430.12	430.01	429.70	429.83	9
	10	429.84	429.65-	429.67-	430.19	430.47	430.41	430.40	430.04	430.42+	430.02	429.68	429.83	10
m ü.M.	11	429.83	429.65-	429.68	430.17	430.46	430.41	430.41	430.03	430.40	430.04	429.68	429.82	11
	12	429.82	429.73	429.71	430.15	430.45	430.40	430.39	430.00	430.37	429.97	429.67	429.82	12
	13	429.83	429.81+	429.73	430.14	430.43	430.39	430.37	430.00	430.27	429.93	429.67	429.81	13
	14	429.82	429.80	429.75	430.14	430.43	430.42	430.24	430.00	430.22	429.90	429.82	429.81	14
	15	429.80	429.78	429.77	430.13	430.41	430.51+	430.15	430.09	430.20	429.88	429.93	429.81	15
	16	429.79	429.76	429.77	430.14	430.42	430.46	430.07	430.16	430.19	429.86	429.94	429.83	16
	17	429.78	429.75	429.77	430.23	430.43	430.43	430.04	430.10	430.25	429.86	429.94	429.88+	17
	18	429.78	429.74	429.78	430.28	430.41	430.41	430.04	430.04	430.20	429.86	429.94	429.86	18
	19	429.77	429.74	429.79	430.32	430.40	430.40	430.04	430.04	430.14	429.82	429.93	429.85	19
	20	429.77	429.74	429.79	430.44	430.39-	430.38	430.02	430.41	430.12	429.81	429.93	429.84	20
+ Maximum	21	429.80	429.74	429.78	430.57+	430.39-	430.37	430.09	430.56	430.10	429.80	429.93	429.84	21
	22	429.79	429.75	429.78	430.53	430.43	430.36	430.07	430.98+	430.11	429.78	429.93	429.83	22
	23	429.78	429.74	429.78	430.51	430.50	430.36	430.02	430.87	430.13	429.80	429.93	429.82	23
	24	429.77	429.74	429.78	430.51	430.50	430.35	430.01	430.83	430.12	429.81	429.94	429.82	24
	25	429.76	429.74	429.81	430.49	430.47	430.33	430.00	430.73	430.10	429.87	429.95+	429.82	25
	26	429.75	429.73	429.80	430.48	430.45	430.31	430.08	430.64	430.05	429.83	429.93	429.82	26
	27	429.74	429.73	429.80	430.47	430.44	430.30-	429.99	430.56	430.03	429.93	429.92	429.82	27
	28	429.73	429.72	429.81	430.47	430.44	430.30-	429.90	430.52	430.00	429.76	429.91	429.81	28
	29	429.72	429.72	429.82	430.46	430.43	430.30-	429.87	430.48	429.95	429.70	429.89	429.80-	29
	30	429.71-	429.84+	429.84+	430.45	430.43	430.31	429.87	430.45	429.92-	429.68	429.88	429.80-	30
31	429.71-	429.84+	429.84+	430.42	430.42	430.31	429.85-	430.46	430.46	429.66-	429.82	429.82	31	
Monatsmittel		429.81	429.72-	429.75	430.20	430.45+	430.39	430.18	430.26	430.17	429.91	429.81	429.83	m ü.M.
Spitze Datum		2.	13.	30.	21.	8.	15.	5.	22.	10.	4.	25.	17.	m ü.M.
Amplitude		0.23	0.18	0.19	0.77	0.15	0.28	0.73	1.25+	0.60	0.54	0.35	0.09-	m

Jahr Mittel: 430.04 Spitze: 431.09 (22.08.2005) Minimum: 429.62 (03.11.2005) Amplitude: 1.47



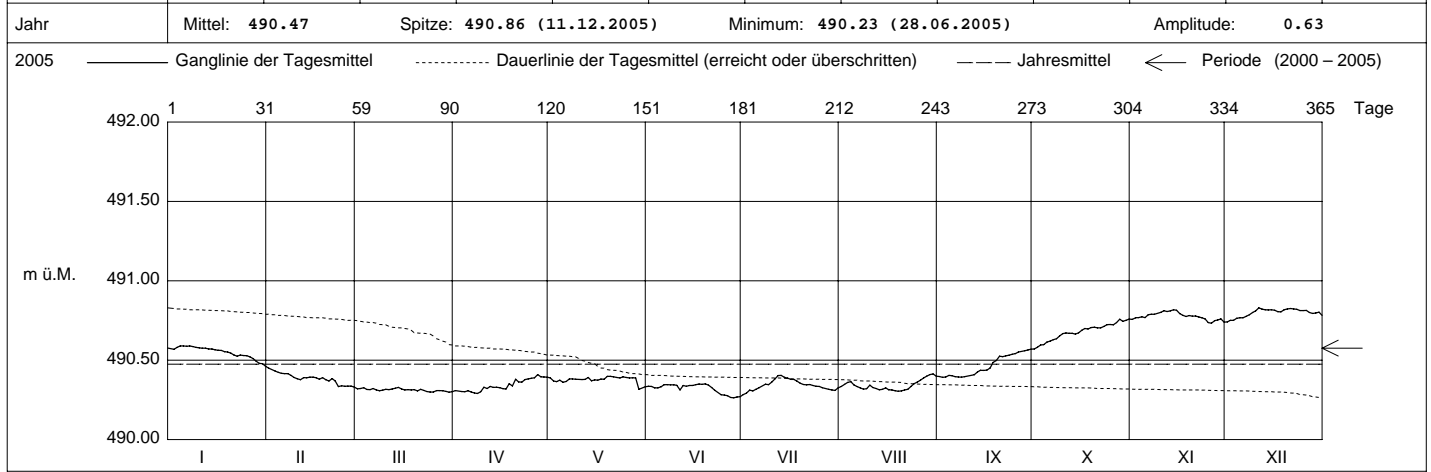
Periode 1994 - 2005 (12 Jahre)													
Monatsmittel	430.06	429.94-	429.98	430.03	430.15	430.31+	430.25	430.22	430.26	430.25	430.17	430.07	m ü.M.
Monats-Spitze Jahr	430.72 2003	430.59- 1995	430.89 2001	431.21 2001	431.31+ 1999	431.14 1999	430.85 2001	431.09 2005	431.14 2001	430.97 2002	431.19 2002	430.89 2002	m ü.M.
Monats-Minimum Jahr	429.50 1996	429.27 1996	429.16- 1996	429.21 1996	429.33 1996	429.52 1997	429.66+ 1998	429.65 1998	429.64 2003	429.66+ 2005	429.49 1997	429.34 1995	m ü.M.
Monats-Amplitude Jahr	0.61 1996	0.85 1999	0.93 2001	0.77 2005	1.01 1994	0.58 1994	0.73 2005	1.25+ 2005	0.68 2001	0.54 2005	0.50- 2002	0.84 1995	m
Periode	Mittel: 430.14		Spitze: 431.31 (21.05.1999)			Minimum: 429.16 (12.03.1996)			Amplitude: 2.15				



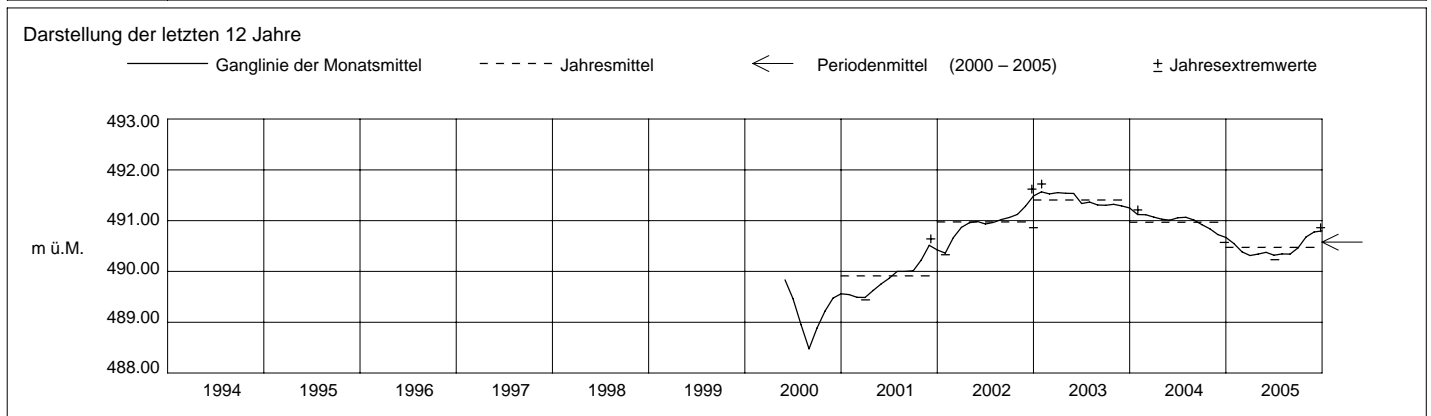


Grundwasserstände **Nr. 0229 Baar - Schmalholz** **KANTON ZUG**
 Koordinaten: 680'761 / 229'536 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 523.56 m ü.M. OK Terrain: 523.83 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	490.58	490.45+	490.32	490.31	490.39	490.34	490.28-	490.33	490.40	490.57-	490.76	490.74-	1	
		2	490.57	490.44	490.32	490.31	490.37	490.33	490.29	490.35	490.39-	490.58	490.77	490.75	2	
		3	490.58	490.43	490.33+	490.30	490.37	490.33	490.31	490.36	490.39-	490.60	490.77	490.75	3	
		4	490.59+	490.42	490.32	490.30	490.37	490.33	490.31	490.36	490.40	490.60	490.77	490.76	4	
		5	490.59+	490.42	490.31	490.31	490.36	490.33	490.32	490.34	490.40	490.61	490.77	490.77	5	
		6	490.59+	490.42	490.32	490.30	490.37	490.35+	490.33	490.33	490.40	490.62	490.79	490.77	6	
		7	490.59+	490.42	490.31	490.29-	490.38	490.35+	490.34	490.33	490.39-	490.63	490.79	490.78	7	
		8	490.59+	490.40	490.31	490.29-	490.38	490.34	490.35	490.32	490.39-	490.64	490.79	490.79	8	
		9	490.58	490.39	490.31	490.30	490.38	490.34	490.35	490.32	490.40	490.65	490.80	490.80	9	
		10	490.58	490.38	490.32	490.33	490.38	490.34	490.36	490.34	490.40	490.67	490.80	490.81	10	
	m ü.M.	11	490.58	490.38	490.31	490.32	490.38	490.31	490.38	490.33	490.40	490.67	490.81	490.83+	11	
		12	490.58	490.39	490.32	490.33	490.38	490.34	490.40+	490.32	490.41	490.67	490.81	490.82	12	
		13	490.57	490.39	490.32	490.33	490.39	490.34	490.40+	490.31	490.43	490.67	490.81	490.82	13	
		14	490.57	490.39	490.33+	490.33	490.37	490.34	490.39	490.32	490.44	490.66	490.82+	490.82	14	
		15	490.57	490.39	490.32	490.33	490.38	490.34	490.39	490.33	490.44	490.67	490.81	490.82	15	
		16	490.56	490.39	490.31	490.32	490.37	490.35+	490.38	490.31	490.44	490.69	490.79	490.81	16	
		17	490.56	490.38	490.31	490.32	490.38	490.35+	490.38	490.31	490.45	490.70	490.78	490.81	17	
		18	490.55	490.39	490.31	490.35	490.38	490.35+	490.37	490.31	490.49	490.70	490.78	490.80	18	
		19	490.55	490.38	490.31	490.34	490.40+	490.35+	490.36	490.30-	490.50	490.71	490.78	490.82	19	
		20	490.54	490.37	490.31	490.38	490.40+	490.34	490.35	490.31	490.53	490.71	490.78	490.82	20	
		+ Maximum	21	490.53	490.38	490.32	490.36	490.40+	490.33	490.34	490.31	490.52	490.70	490.78	490.83+	21
	22		490.53	490.37	490.31	490.36	490.39	490.31	490.35	490.32	490.53	490.70	490.77	490.82	22	
	23		490.53	490.33-	490.30-	490.38	490.39	490.30	490.34	490.33	490.53	490.71	490.77	490.82	23	
	24		490.53	490.34	490.30-	490.38	490.40+	490.28	490.34	490.35	490.54	490.72	490.76	490.81	24	
	25		490.53	490.34	490.30-	490.39	490.39	490.28	490.33	490.36	490.54	490.72	490.74	490.81	25	
	- Minimum		26	490.52	490.34	490.31	490.39	490.39	490.28	490.33	490.37	490.55	490.72	490.73-	490.81	26
			27	490.51	490.34	490.31	490.41+	490.39	490.27	490.32	490.39	490.56	490.74	490.75	490.80	27
			28	490.49	490.33-	490.31	490.40	490.39	490.26-	490.32	490.40	490.56	490.76+	490.75	490.79	28
			29	490.48		490.30-	490.39	490.32-	490.27	490.31	490.41+	490.56	490.75	490.76	490.80	29
			30	490.48		490.30-	490.39	490.32-	490.27	490.31	490.41+	490.57+	490.75	490.74	490.80	30
			31	490.46-		490.30-		490.33		490.33	490.40		490.76+		490.78	31
Monatsmittel	490.55	490.38	490.31-	490.34	490.38	490.32	490.34	490.34	490.46	490.68	490.78	490.80+	m ü.M.			
Spitze Datum	490.61 3.	490.51 14.	490.41 3.	490.69 20.	490.49 1.	490.37- 17.	490.41 12.	490.43 29.	490.59 30.	490.77 28.	490.83 11.	490.86+ 11.	m ü.M.			
Amplitude	0.18	0.21	0.14	0.43+	0.20	0.14	0.15	0.15	0.23	0.23	0.13-	0.15	m			
Jahr	Mittel: 490.47		Spitze: 490.86 (11.12.2005)				Minimum: 490.23 (28.06.2005)				Amplitude: 0.63					



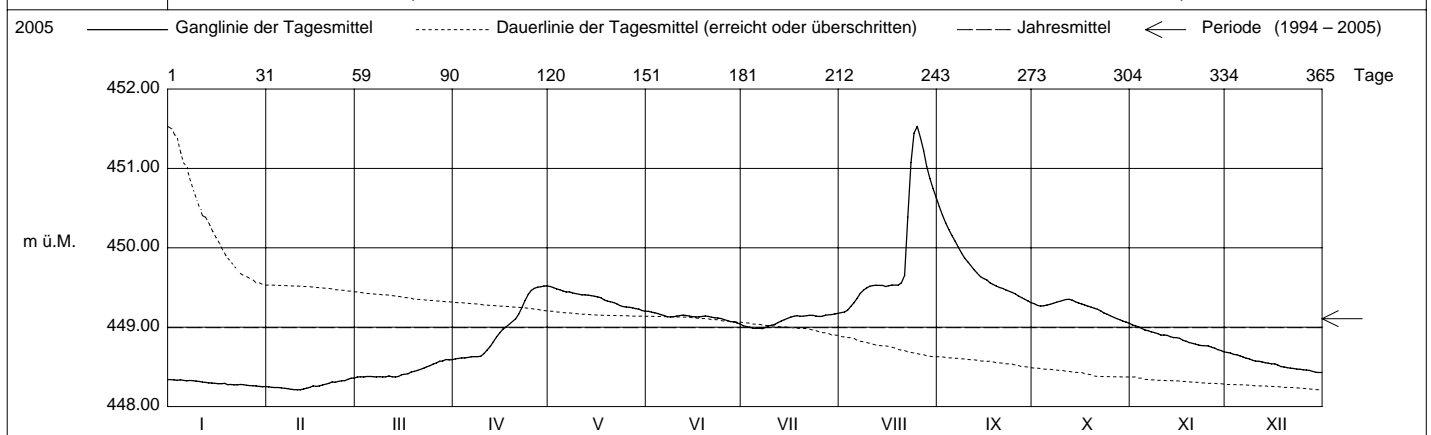
Periode 2000 - 2005 (6 Jahre)													
Monatsmittel	490.63	490.64	490.66	490.70+	490.68	490.50	490.45	490.36-	490.44	490.57	490.68	490.70+	m ü.M.
Monats-Spitze Jahr	491.72+ 2003	491.66 2003	491.67 2003	491.65 2003	491.59 2003	491.57 2003	491.46 2003	491.43 2003	491.34- 2003	491.39 2003	491.41 2002	491.62 2002	m ü.M.
Monats-Minimum Jahr	489.51 2001	489.47 2001	489.44 2001	489.54 2001	489.70+ 2000	489.15 2000	488.69 2000	488.30- 2000	488.59 2000	489.05 2000	489.37 2000	489.52 2000	m ü.M.
Monats-Amplitude Jahr	0.24 2003	0.29 2002	0.50 2001	0.43 2005	0.20- 2005	0.61+ 2000	0.49 2000	0.49 2000	0.46 2000	0.51 2001	0.26 2002	0.41 2004	m
Periode	Mittel: 490.58		Spitze: 491.72 (29.01.2003)				Minimum: 488.30 (30.08.2000)				Amplitude: 3.42		



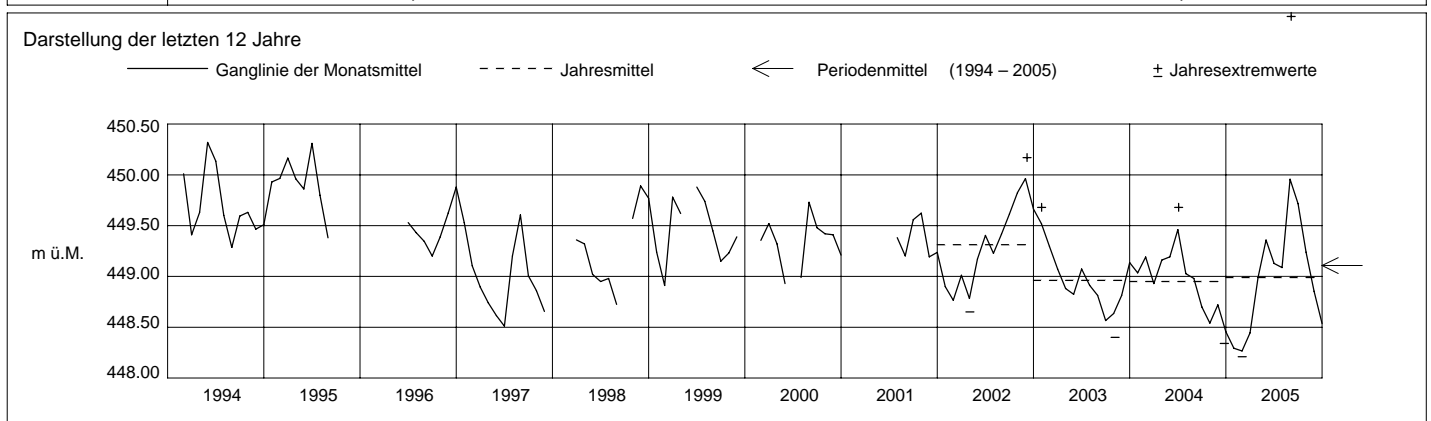
Grundwasserstände	Nr. 1160 Zug - Arbach	KANTON ZUG
	Koordinaten: 682'714 / 225'379	Amt für Umweltschutz
Orphimedes	Abstichpunkt: 455.16 m ü.M. OK Terrain: 455.31 m ü.M.	

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	448.34+	448.25	448.37-	448.60-	449.51+	449.20+	449.02	449.18-	450.52+	449.30	449.03+	448.68+	1
		2	448.34+	448.24	448.37-	448.61	449.50	449.19	449.01	449.19	450.41	449.27	449.02	448.68+	2
		3	448.33	448.24	448.37-	448.61	449.48	449.18	449.00	449.21	450.31	449.27	449.00	448.66	3
		4	448.34+	448.24	448.38	448.61	449.47	449.17	448.99	449.26	450.23	449.27	448.98	448.65	4
		5	448.33	448.24	448.38	448.62	449.46	449.16	448.98-	449.31	450.15	449.28	448.96	448.64	5
		6	448.32	448.23	448.38	448.63	449.44	449.15	448.99	449.36	450.08	449.29	448.96	448.63	6
		7	448.33	448.23	448.37-	448.63	449.45	449.13	448.98-	449.43	450.01	449.30	448.94	448.61	7
		8	448.33	448.22	448.38	448.63	449.43	449.13	449.00	449.47	449.93	449.31	448.93	448.60	8
		9	448.32	448.21-	448.37-	448.63	449.42	449.13	449.02	449.49	449.87	449.33	448.92	448.58	9
		10	448.32	448.21-	448.37-	448.67	449.42	449.14	449.02	449.52	449.82	449.34	448.90	448.57	10
	11	448.31	448.21-	448.38	448.71	449.41	449.15	449.04	449.52	449.77	449.35+	448.90	448.57	11	
	12	448.30	448.22	448.37-	448.76	449.41	449.15	449.06	449.53	449.72	449.35+	448.90	448.56	12	
	13	448.30	448.23	448.37-	448.82	449.40	449.15	449.08	449.53	449.68	449.34	448.88	448.55	13	
	14	448.30	448.24	448.38	448.88	449.40	449.14	449.09	449.53	449.64	449.32	448.87	448.54	14	
	15	448.29	448.26	448.40	448.93	449.39	449.13	449.11	449.51	449.61	449.31	448.87	448.54	15	
	16	448.29	448.25	448.41	448.98	449.38	449.13	449.13	449.52	449.59	449.29	448.86	448.54	16	
	17	448.29	448.26	448.41	449.00	449.37	449.13	449.14	449.53	449.56	449.28	448.84	448.52	17	
	18	448.29	448.27	448.44	449.04	449.34	449.14	449.15	449.53	449.54	449.26	448.82	448.50	18	
	19	448.28	448.28	448.44	449.07	449.33	449.14	449.14	449.53	449.52	449.25	448.81	448.50	19	
	20	448.28	448.29	448.46	449.10	449.32	449.14	449.14	449.56	449.50	449.24	448.80	448.49	20	
	21	448.27	448.31	448.47	449.16	449.31	449.13	449.15	449.65	449.49	449.23	448.79	448.48	21	
	22	448.27	448.31	448.48	449.25	449.30	449.12	449.15	450.39	449.47	449.21	448.77	448.48	22	
	23	448.28	448.32	448.50	449.34	449.27	449.12	449.15	451.08	449.45	449.18	448.77	448.47	23	
	24	448.28	448.32	448.52	449.41	449.26	449.11	449.14	451.44	449.44	449.16	448.77	448.47	24	
	25	448.27	448.33	448.54	449.46	449.25	449.10	449.13	451.53+	449.42	449.14	448.76	448.46	25	
	26	448.26	448.34	448.55	449.49	449.25	449.08	449.14	451.39	449.39	449.13	448.75	448.46	26	
	27	448.26	448.36+	448.57	449.50	449.24	449.07	449.15	451.22	449.37	449.11	448.74	448.46	27	
	28	448.26	448.36+	448.57	449.51	449.23	449.07	449.16	451.03	449.35	449.09	448.72	448.44	28	
	29	448.25-		448.59+	449.52+	449.23	449.05	449.16	450.87	449.33	449.08	448.70	448.43-	29	
	30	448.25-		448.59+	449.52+	449.21	449.04-	449.17	450.75	449.31-	449.06	448.69-	448.43-	30	
	31	448.25-		448.59+	449.20-	449.20-		449.18+	450.63		449.05-		448.43-	31	
Monatsmittel		448.29	448.27-	448.44	448.99	449.36	449.13	449.09	449.96+	449.72	449.24	448.85	448.54	m ü.M.	
Spitze Datum		448.35- 1.	448.41 27.	448.62 27.	449.53 30.	449.52 1.	449.20 1.	449.18 29.	451.56+ 25.	450.57 1.	449.36 12.	449.04 1.	448.69 1.	m ü.M.	
Amplitude		0.10-	0.20	0.26	0.94	0.32	0.17	0.20	2.38+	1.27	0.32	0.36	0.27	m	

Jahr Mittel: 448.99 Spitze: 451.56 (25.08.2005) Minimum: 448.21 (08.02.2005) Amplitude: 3.35



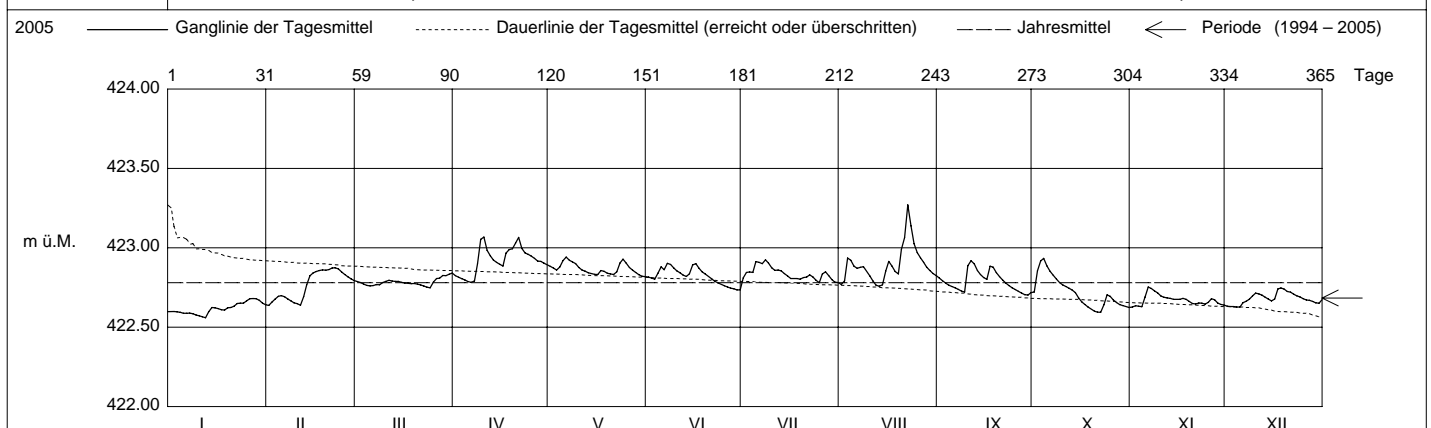
Periode 1994 - 2005 (12 Jahre)													
Monatsmittel	448.96	448.93	448.91-	448.99	449.17	449.28+	449.13	449.28+	449.23	449.18	449.12	449.02	m ü.M.
Monats-Spitze Jahr	449.68 2003	449.38 2004	449.19- 2003	449.59 2004	449.52 2005	449.68 2004	449.46 2001	451.56+ 2005	450.57 2005	450.08 2002	450.17 2002	449.88 2002	m ü.M.
Monats-Minimum Jahr	448.25 2005	448.21- 2005	448.36 2005	448.59 2005	448.65 2002	449.03 2003	448.84 2003	448.69 2003	448.44 2003	448.40 2003	448.62 2004		m ü.M.
Monats-Amplitude Jahr	0.68 2004	0.34 2004	0.27- 2002	0.94 2005	0.73 2002	0.59 2004	0.39 2004	2.38+ 2005	1.27 2005	0.64 2001	0.55 2002	0.36 2002	m
Periode	Mittel: 449.11			Spitze: 451.56 (25.08.2005)			Minimum: 0.00 (00.12.1996)			Amplitude: 451.56			



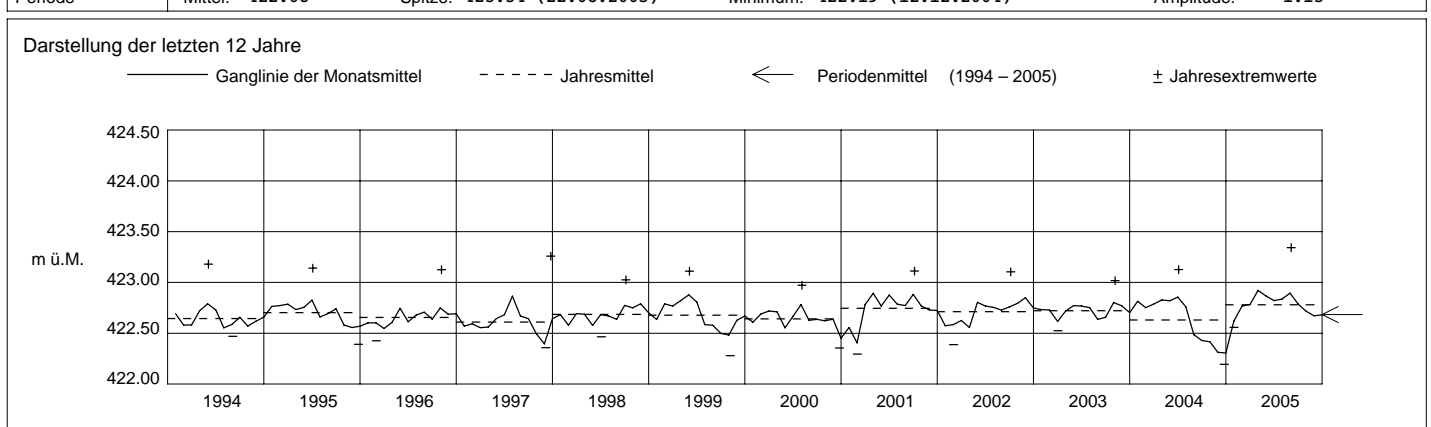
Grundwasserstände **Nr. 1164 Zug - Industriestrasse / Göblistrasse** **KANTON ZUG**
 Koordinaten: 682'004 / 225'936 **Amt für Umweltschutz**
 Drucksonde / R16 **Abstichpunkt: 426.17 m ü.M. OK Terrain: 424.98 m ü.M.**

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	422.60	422.64-	422.79	422.82	422.88	422.82	422.81	422.77	422.81	422.72	422.63-	422.63-	1
	2	422.60	422.66	422.78	422.81	422.87	422.81	422.84	422.79	422.79	422.86	422.63-	422.63-	2
	3	422.60	422.68	422.77	422.81	422.86	422.80	422.85	422.92	422.78	422.92	422.63-	422.63-	3
	4	422.59	422.69	422.76	422.80	422.88	422.84	422.85	422.92	422.76	422.93+	422.63-	422.63-	4
	5	422.59	422.70	422.76	422.79	422.92	422.88	422.91	422.88	422.89	422.76	422.69	422.63-	5
	6	422.59	422.69	422.76	422.78-	422.94+	422.86	422.91	422.87	422.75	422.85	422.75+	422.65	6
	7	422.59	422.68	422.77	422.79	422.92	422.90+	422.90	422.88	422.74	422.83	422.74	422.66	7
	8	422.58	422.66	422.77	422.90	422.91	422.90+	422.92+	422.88	422.78	422.80	422.73	422.68	8
	9	422.58	422.65	422.78	423.05	422.90	422.87	422.90	422.85	422.72	422.78	422.72	422.70	9
	10	422.57	422.65	422.79	423.07+	422.88	422.86	422.87	422.82	422.82	422.89	422.77	422.70	422.71
m ü.M.	11	422.57	422.64-	422.80	422.98	422.86	422.84	422.86	422.79	422.92+	422.76	422.69	422.71	11
	12	422.56-	422.79	422.95	422.85	422.85	422.83	422.86	422.76-	422.90	422.86	422.70	422.70	12
	13	422.60	422.77	422.79	422.92	422.84	422.82	422.85	422.76-	422.86	422.73	422.68	422.69	13
	14	422.62	422.82	422.79	422.91	422.84	422.84	422.84	422.77	422.83	422.72	422.68	422.68	14
	15	422.62	422.84	422.78	422.90	422.83	422.89	422.82	422.85	422.81	422.68	422.67	422.67	15
	16	422.62	422.85	422.78	422.89	422.83	422.90+	422.81	422.91	422.80	422.66	422.68	422.68	16
	17	422.61	422.86	422.78	422.97	422.86	422.87	422.81	422.89	422.88	422.64	422.68	422.74	17
	18	422.61	422.86	422.77	422.99	422.85	422.85	422.81	422.85	422.88	422.63	422.68	422.75+	18
	19	422.62	422.86	422.77	422.99	422.84	422.83	422.80	422.84	422.84	422.61	422.66	422.74	19
	20	422.62	422.86	422.77	423.03	422.84	422.82	422.81	422.99	422.82	422.60	422.65	422.72	20
+ Maximum	21	422.63	422.87+	422.77	423.07+	422.83	422.80	422.82	423.06	422.80	422.59-	422.65	422.72	21
	22	422.65	422.87+	422.76	423.00	422.85	422.79	422.83	423.27+	422.78	422.59-	422.65	422.71	22
	23	422.65	422.87+	422.75-	422.97	422.90	422.78	422.82	423.14	422.76	422.64	422.65	422.70	23
	24	422.65	422.85	422.75-	422.96	422.93	422.77	422.80	423.03	422.75	422.70	422.65	422.69	24
	25	422.67	422.83	422.78	422.95	422.90	422.76	422.78-	422.97	422.74	422.69	422.66	422.68	25
	26	422.68+	422.82	422.81	422.93	422.88	422.75	422.83	422.94	422.73	422.67	422.68	422.67	26
	27	422.68+	422.80	422.81	422.92	422.86	422.75	422.85	422.91	422.71	422.66	422.67	422.67	27
	28	422.68+	422.79	422.83	422.91	422.84	422.74	422.82	422.88	422.70-	422.64	422.65	422.66	28
	29	422.67		422.82	422.90	422.83	422.73-	422.80	422.86	422.70-	422.64	422.64	422.65	29
	30	422.65		422.83	422.89	422.82-	422.73-	422.78-	422.84	422.72	422.63	422.64	422.65	30
31	422.64		422.84+		422.82-		422.78-	422.82		422.62		422.67	31	
Monatsmittel		422.62-	422.77	422.78	422.92+	422.87	422.82	422.84	422.89	422.79	422.72	422.67	422.68	m ü.M.
Spitze Datum		422.68- 26.	422.87 22.	422.85 30.	423.14 9.	422.95 6.	422.91 7.	422.93 8.	423.34+ 22.	422.93 11.	422.95 4.	422.75 6.	422.75 17.	m ü.M.
Amplitude		0.13	0.24	0.10-	0.36	0.14	0.19	0.15	0.59+	0.23	0.35	0.13	0.12	m

Jahr Mittel: 422.78 Spitze: 423.34 (22.08.2005) Minimum: 422.56 (12.01.2005) Amplitude: 0.78



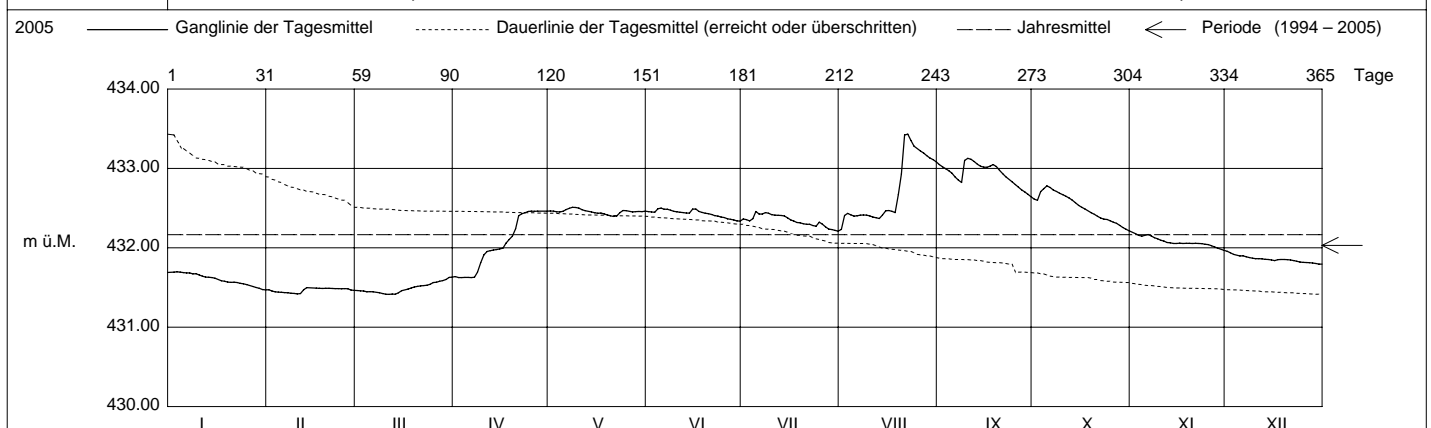
Periode 1994 - 2005 (12 Jahre)													
Monatsmittel	422.65	422.65	422.69	422.73	422.75	422.76+	422.72	422.67	422.67	422.64	422.64	422.63-	m ü.M.
Monats-Spitze Jahr	422.97- 2004	422.99 1999	423.01 2004	423.14 2005	423.18 1994	423.14 1995	423.06 1997	423.34+ 2005	423.11 2001	423.13 1996	422.99 2003	423.26 1997	m ü.M.
Monats-Minimum Jahr	422.34 2001	422.30 2001	422.41 2001	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	0.44 1996	0.40- 1996	0.52 2001	0.42 2002	0.57 1994	0.49 1995	0.40- 1999	0.59 2005	0.56 2002	0.52 1999	0.42 1999	0.85+ 1997	m
Periode	Mittel: 422.68		Spitze: 423.34 (22.08.2005)				Minimum: 422.19 (12.12.2004)				Amplitude: 1.15		



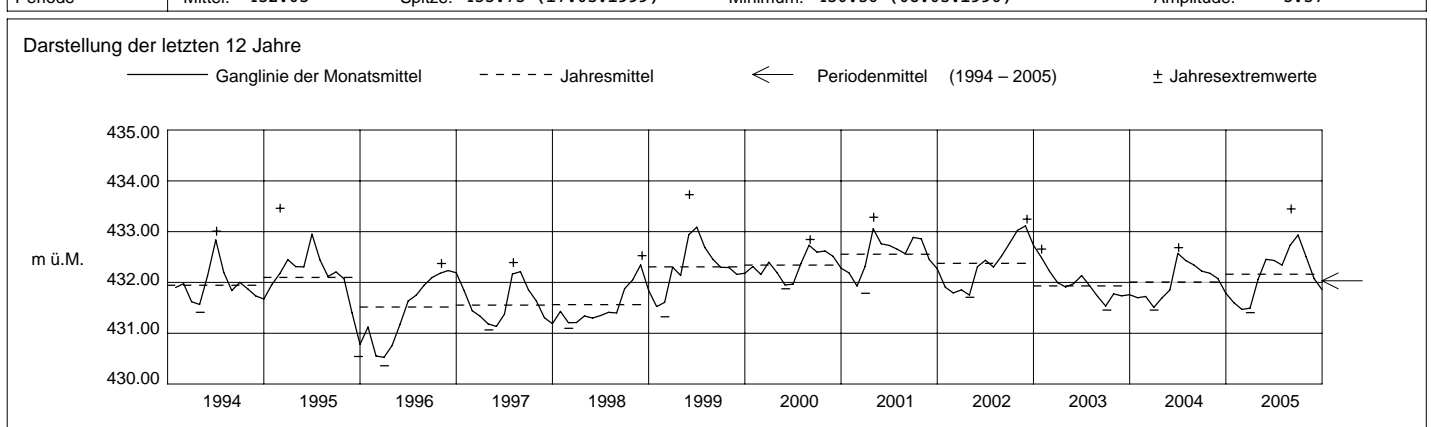
Grundwasserstände **Nr. 1171 Baar - Wiesental** **KANTON ZUG**
 Koordinaten: 681'801 / 228'065 **Amt für Umweltschutz**
 Drucksonde / R16 **Abstichpunkt: 436.25 m ü.M. OK Terrain: 435.42 m ü.M.**

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	431.69	431.47	431.46	431.64	432.46	432.46	432.36	432.23-	433.05	432.61	432.20+	431.96+	1	
	2	431.69	431.46	431.46	431.63	432.46	432.45	432.36	432.41	433.02	432.60	432.18	431.94	2	
	3	431.70+	431.44	431.46	431.63	432.45	432.45	432.34	432.43	433.00	432.71	432.16	431.92	3	
	4	431.69	431.44	431.45	431.63	432.45	432.49	432.37	432.42	432.97	432.74	432.15	431.91	4	
	5	431.69	431.44	431.45	431.63	432.46	432.50+	432.46+	432.40	432.94	432.78+	432.16	431.90	5	
	6	431.68	431.44	431.45	431.62-	432.48	432.49	432.43	432.40	432.89	432.76	432.17	431.90	6	
	7	431.68	431.43	431.44	431.63	432.50	432.49	432.42	432.41	432.85	432.73	432.15	431.89	7	
	8	431.67	431.43	431.43	431.69	432.51+	432.47	432.44	432.41	432.82	432.71	432.13	431.88	8	
	9	431.67	431.42-	431.42	431.81	432.51+	432.46	432.44	432.41	433.10	432.69	432.11	431.87	9	
	10	431.66	431.42-	431.42	431.91	432.50	432.45	432.42	432.40	433.13+	432.67	432.10	431.86	10	
	m ü.M.	11	431.64	431.42-	431.41-	431.95	432.48	432.45	432.41	432.39	433.12	432.65	432.09	431.86	11
		12	431.63	431.42	431.42	431.96	432.47	432.44	432.41	432.38	433.09	432.63	432.07	431.86	12
		13	431.63	431.50+	431.42	431.97	432.46	432.44	432.41	432.37	433.05	432.60	432.06	431.86	13
		14	431.62	431.50+	431.43	431.98	432.45	432.44	432.40	432.41	433.03	432.57	432.05	431.85	14
		15	431.62	431.49	431.46	431.99	432.44	432.49	432.38	432.47	433.02	432.53	432.05	431.85	15
		16	431.60	431.49	431.47	432.00	432.44	432.49	432.35	432.47	433.02	432.51	432.06	431.84	16
		17	431.58	431.49	431.48	432.06	432.44	432.46	432.34	432.46	433.03	432.49	432.06	431.85	17
		18	431.58	431.49	431.49	432.11	432.43	432.45	432.32	432.44	433.05	432.47	432.06	431.85	18
		19	431.57	431.49	431.51	432.15	432.41	432.44	432.31	432.67	433.03	432.44	432.06	431.85	19
		20	431.56	431.49	431.51	432.24	432.40-	432.43	432.30	432.93	432.98	432.42	432.06	431.85	20
		+ Maximum	21	431.57	431.49	431.52	432.40	432.40-	432.42	432.30	433.42	432.93	432.40	432.06	431.85
	22		431.56	431.49	431.52	432.43	432.40-	432.41	432.30	433.43+	432.90	432.38	432.05	431.84	22
	23		431.55	431.49	431.53	432.44	432.44	432.40	432.28	433.35	432.86	432.36	432.05	431.83	23
	24		431.55	431.48	431.54	432.46+	432.47	432.39	432.27	433.28	432.83	432.36	432.04	431.82	24
	25		431.54	431.49	431.56	432.46+	432.47	432.38	432.32	433.25	432.80	432.34	432.04	431.82	25
	26		431.52	431.48	431.57	432.46+	432.46	432.37	432.30	433.22	432.76	432.32	432.03	431.81	26
	27		431.51	431.47	431.58	432.46+	432.45	432.36	432.26	433.19	432.73	432.31	432.01	431.81	27
	28		431.50	431.46	431.59	432.46+	432.46	432.35	432.24	433.16	432.70	432.28	432.00	431.81	28
	29		431.49		431.60	432.46+	432.46	432.34-	432.23	433.13	432.67	432.26	431.98	431.80	29
	30		431.47-		431.63+	432.46+	432.46	432.34-	432.22	433.11	432.64-	432.23	431.97-	431.79-	30
	31		431.47-		431.63+	432.46	432.46	432.34-	432.21-	433.08	432.61-	432.21-	431.79-	431.79-	31
Monatsmittel		431.60	431.47-	431.49	432.06	432.46	432.43	432.34	432.73	432.93+	432.51	432.08	431.86	m ü.M.	
Spitze Datum		431.70 2.	431.50- 13.	431.63 31.	432.46 27.	432.51 8.	432.51 15.	432.46 5.	433.45+ 22.	433.13 10.	432.78 5.	432.21 1.	431.96 1.	m ü.M.	
Amplitude		0.24	0.08-	0.23	0.84	0.12	0.18	0.25	1.24+	0.51	0.58	0.25	0.17	m	

Jahr Mittel: 432.17 Spitze: 433.45 (22.08.2005) Minimum: 431.40 (13.03.2005) Amplitude: 2.05



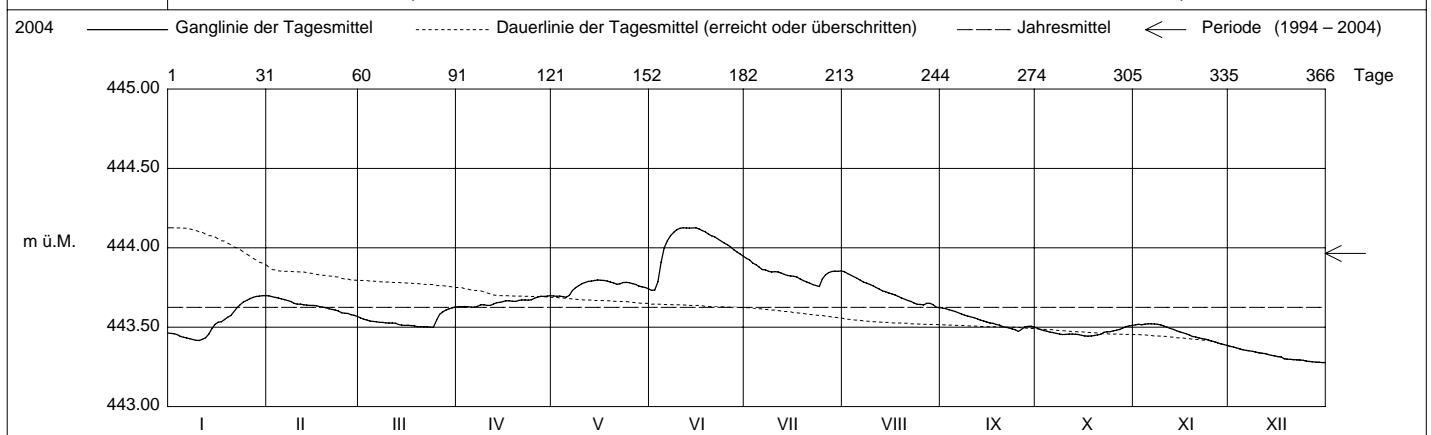
Periode 1994 - 2005 (12 Jahre)													
Monatsmittel	431.83	431.69-	431.75	431.83	432.02	432.29+	432.22	432.21	432.27	432.26	432.10	431.88	m ü.M.
Monats-Spitze Jahr	433.11 1995	433.46 1995	432.82- 2001	433.28 2001	433.73+ 1999	433.24 1999	432.91 1999	433.45 2005	433.23 2001	433.17 2002	433.25 2002	433.00 2000	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	431.01 1995	430.54 1995	m ü.M.
Monats-Amplitude Jahr	1.25 1995	1.40 1995	1.04 2001	0.84 2005	1.58 1999	0.84 2004	0.83 1997	1.24 2005	0.74- 2001	0.98 1995	1.16 1995	1.61+ 1995	m
Periode	Mittel: 432.03		Spitze: 433.73 (17.05.1999)		Minimum: 430.36 (08.03.1996)		Amplitude: 3.37						



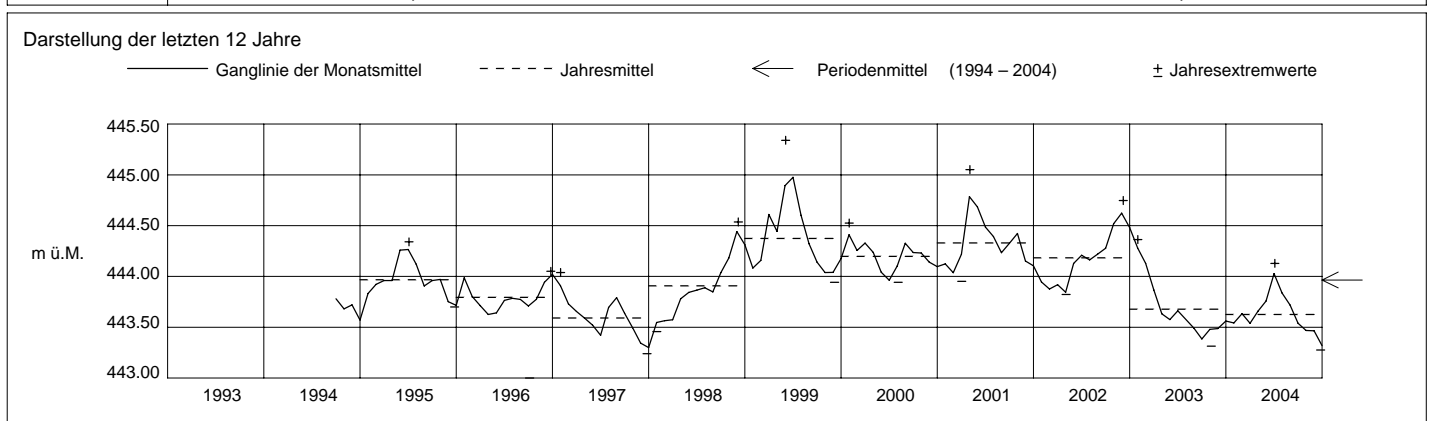
Grundwasserstände	Nr. 1205 Zug - Rothusweg	KANTON ZUG
	Koordinaten: 682'009 / 224'872	Amt für Umweltschutz
Drucksonde / R16	Abstichpunkt: 452.58 m ü.M. OK Terrain: m ü.M.	

2004		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	443.46	443.70+	443.56	443.63-	443.70	443.73-	443.93+	443.85+	443.62+	443.49	443.51	443.38+	1
	2	443.46	443.69	443.55	443.63-	443.69-	443.73-	443.92	443.84	443.62+	443.48	443.52+	443.37	2
	3	443.45	443.69	443.55	443.63-	443.70	443.79	443.90	443.83	443.61	443.48	443.52+	443.37	3
	4	443.44	443.68	443.54	443.63-	443.69-	443.91	443.89	443.82	443.60	443.47	443.52+	443.36	4
	5	443.44	443.68	443.54	443.63-	443.69-	444.00	443.88	443.81	443.60	443.47	443.52+	443.36	5
	6	443.43	443.67	443.53	443.63-	443.70	444.04	443.86	443.80	443.59	443.47	443.52+	443.35	6
	7	443.43	443.67	443.53	443.63-	443.73	444.08	443.86	443.78	443.58	443.46	443.52+	443.35	7
	8	443.42-	443.66	443.53	443.64	443.75	444.10	443.85	443.78	443.58	443.46	443.52+	443.35	8
	9	443.42-	443.65	443.53	443.64	443.76	444.11	443.85	443.77	443.57	443.45	443.51	443.34	9
	10	443.42-	443.65	443.53	443.64	443.77	444.12	443.85	443.76	443.56	443.45	443.51	443.34	10
m ü.M.	11	443.42-	443.64	443.53	443.64	443.78	444.13+	443.85	443.75	443.56	443.46	443.50	443.34	11
	12	443.43	443.64	443.53	443.65	443.79	444.12	443.84	443.74	443.55	443.46	443.49	443.33	12
	13	443.46	443.64	443.52	443.65	443.79	444.12	443.83	443.73	443.54	443.46	443.49	443.33	13
	14	443.49	443.64	443.51	443.66	443.79	444.12	443.83	443.72	443.54	443.45	443.48	443.32	14
	15	443.52	443.64	443.51	443.66	443.80+	444.13+	443.82	443.72	443.53	443.45	443.47	443.32	15
	16	443.53	443.63	443.51	443.67	443.80+	444.12	443.82	443.71	443.53	443.44-	443.46	443.31	16
	17	443.53	443.63	443.51	443.67	443.79	444.11	443.82	443.70	443.52	443.44-	443.46	443.31	17
	18	443.55	443.63	443.51	443.66	443.79	444.10	443.80	443.69	443.52	443.44-	443.45	443.30	18
	19	443.56	443.62	443.50-	443.66	443.78	444.09	443.79	443.68	443.51	443.45	443.44	443.30	19
	20	443.57	443.62	443.50-	443.67	443.78	444.08	443.79	443.68	443.50	443.45	443.44	443.30	20
+ Maximum	21	443.60	443.61	443.50-	443.67	443.77	444.07	443.78	443.67	443.50	443.45	443.43	443.29	21
	22	443.62	443.61	443.50-	443.67	443.77	444.06	443.77	443.66	443.50	443.47	443.43	443.29	22
	23	443.64	443.60	443.50-	443.67	443.78	444.04	443.76-	443.65	443.49	443.47	443.42	443.29	23
	24	443.66	443.59	443.50-	443.67	443.78	444.03	443.76-	443.64	443.48	443.47	443.42	443.29	24
	25	443.67	443.59	443.54	443.68	443.78	444.02	443.80	443.64	443.47-	443.48	443.41	443.29	25
	26	443.68	443.59	443.58	443.69	443.77	444.01	443.83	443.64	443.49	443.48	443.41	443.28-	26
	27	443.69	443.58	443.60	443.69	443.77	443.99	443.84	443.65	443.50	443.49	443.40	443.28-	27
	28	443.69	443.57-	443.61	443.69	443.76	443.97	443.85	443.65	443.50	443.50	443.39	443.28-	28
	29	443.70+	443.57-	443.62	443.70+	443.75	443.96	443.85	443.64	443.51	443.50	443.39	443.28-	29
	30	443.70+		443.62	443.70+	443.75	443.95	443.85	443.62-	443.50	443.51+	443.38-	443.28-	30
- Minimum	31	443.70+		443.63+		443.74		443.86	443.62-		443.51+		443.28-	31
	Monatsmittel	443.54	443.63	443.54	443.66	443.76	444.03+	443.84	443.72	443.54	443.47	443.46	443.32-	m ü.M.
	Spitze Datum	31.	1.	31.	30.	15.	14.	1.	1.	1.	31.	5.	1.	m ü.M.
	Amplitude	0.29	0.14	0.13	0.07-	0.11	0.40+	0.19	0.23	0.15	0.07-	0.14	0.11	m

Jahr Mittel: 443.62 Spitze: 444.13 (14.06.2004) Minimum: 443.28 (31.12.2004) Amplitude: 0.85

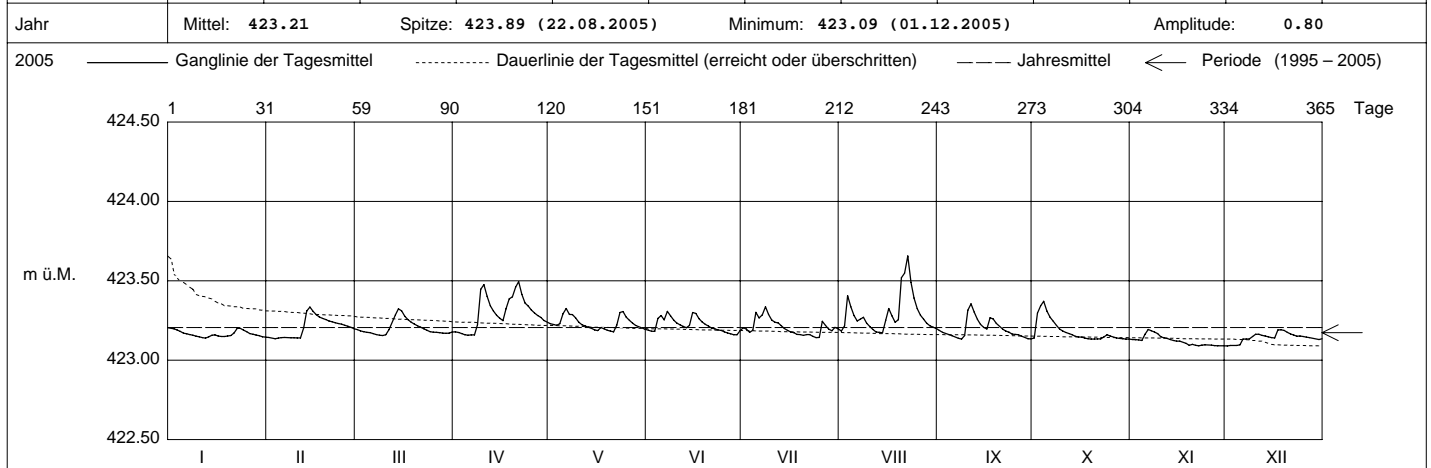


Periode 1994 - 2004 (11 Jahre)													
Monatsmittel	443.97	443.91-	443.94	443.96	444.03	444.06+	444.02	443.96	443.92	443.96	443.94	443.91-	m ü.M.
Monats-Spitze Jahr	444.52 2000	444.62 1999	444.71 2001	445.05 2001	445.34+ 1999	445.21 1999	444.76 1999	444.44- 1999	444.59 2002	444.59 2002	444.75 2002	444.64 2002	m ü.M.
Monats-Minimum Jahr	443.41 2004	443.53 1998	443.50 2004	443.55+ 2003	443.45 1997	443.39 1997	443.47 1997	443.42 2003	443.00- 1996	443.00- 1996	443.00- 1996	443.00- 1996	m ü.M.
Monats-Amplitude Jahr	0.29 2004	0.61 1999	0.64 2001	0.49 2001	0.89 1999	0.46 1999	0.39 1997	0.23- 2004	0.75 1996	1.01 1996	1.00 1996	1.05+ 1996	m
Periode	Mittel: 443.96			Spitze: 445.34 (26.05.1999)			Minimum: 443.00 (07.09.1996)			Amplitude: 2.34			

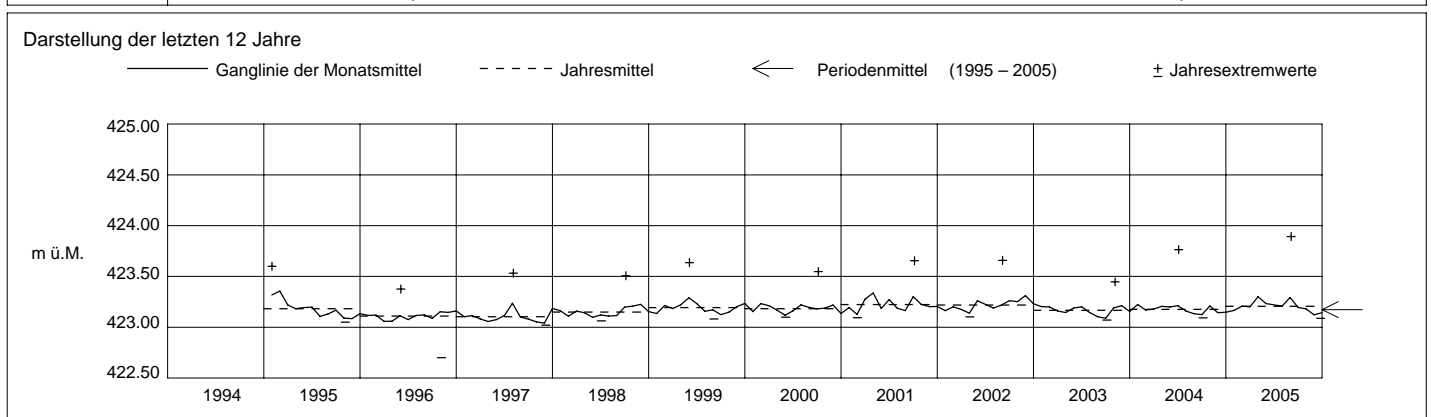


Grundwasserstände **Nr. 1240 Baar - Neuhof** **KANTON ZUG**
 Koordinaten: 681'340 / 226'572 **Amt für Umweltschutz**
 Drucksonde / R16 **Abstichpunkt: 426.10 m ü.M. OK Terrain: 424.75 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	423.20+	423.14-	423.19	423.18	423.23	423.19	423.20	423.18	423.19	423.14	423.13	423.09-	1
		2	423.20+	423.14-	423.18	423.17	423.22	423.18	423.20	423.22	423.18	423.30	423.13	423.09-	2
		3	423.19	423.14-	423.18	423.17	423.22	423.18	423.18	423.41	423.17	423.34	423.13	423.09-	3
		4	423.18	423.14-	423.18	423.16-	423.23	423.26	423.19	423.34	423.16	423.37+	423.12	423.09-	4
		5	423.17	423.14-	423.17	423.16-	423.29	423.28	423.30	423.28	423.15	423.31	423.16	423.10	5
	m ü.M.	6	423.17	423.14-	423.17	423.16-	423.33+	423.25	423.27	423.25	423.15	423.27	423.19+	423.13	6
		7	423.16	423.14-	423.16-	423.16-	423.29	423.31+	423.28	423.26	423.14	423.24	423.19+	423.13	7
		8	423.16	423.14-	423.16-	423.22	423.29	423.28	423.34+	423.27	423.13-	423.22	423.18	423.13	8
		9	423.15	423.14-	423.16-	423.45	423.27	423.25	423.29	423.23	423.16	423.20	423.17	423.15	9
		10	423.15	423.14-	423.16-	423.48	423.24	423.23	423.25	423.21	423.31	423.18	423.15	423.16	10
		11	423.14-	423.14-	423.19	423.40	423.22	423.22	423.24	423.19	423.35+	423.17	423.14	423.16	11
		12	423.14-	423.20	423.24	423.34	423.22	423.21	423.23	423.18	423.30	423.17	423.14	423.16	12
		13	423.15	423.31	423.29	423.31	423.21	423.20	423.22	423.18	423.26	423.16	423.13	423.15	13
		14	423.16	423.33+	423.32+	423.28	423.20	423.22	423.20	423.17-	423.23	423.15	423.12	423.15	14
		15	423.16	423.31	423.31	423.26	423.19	423.30	423.19	423.25	423.21	423.15	423.12	423.14	15
	+ Maximum	16	423.15	423.29	423.28	423.25	423.19	423.29	423.18	423.33	423.20	423.14	423.12	423.14	16
		17	423.15	423.27	423.26	423.32	423.21	423.26	423.17	423.28	423.27	423.14	423.11	423.19+	17
		18	423.15	423.26	423.24	423.39	423.20	423.24	423.16	423.24	423.26	423.13-	423.11	423.19+	18
		19	423.15	423.26	423.23	423.40	423.19	423.23	423.16	423.25	423.23	423.13-	423.09-	423.19+	19
		20	423.16	423.25	423.22	423.46	423.18-	423.21	423.16	423.52	423.21	423.13-	423.10	423.18	20
		21	423.17	423.24	423.21	423.50+	423.18-	423.20	423.16	423.55	423.20	423.13-	423.09-	423.17	21
		22	423.20+	423.24	423.20	423.41	423.22	423.20	423.16	423.66+	423.18	423.13-	423.09-	423.16	22
		23	423.20+	423.23	423.19	423.36	423.30	423.19	423.15	423.49	423.18	423.15	423.09-	423.15	23
		24	423.19	423.23	423.18	423.34	423.31	423.19	423.14-	423.39	423.16	423.16	423.10	423.15	24
		25	423.18	423.22	423.18	423.32	423.27	423.18	423.14-	423.33	423.16	423.15	423.10	423.15	25
	- Minimum	26	423.17	423.21	423.18	423.30	423.25	423.17	423.24	423.28	423.16	423.15	423.09-	423.14	26
		27	423.16	423.21	423.17	423.28	423.23	423.17	423.22	423.26	423.15	423.14	423.09-	423.14	27
		28	423.16	423.20	423.17	423.27	423.22	423.16-	423.20	423.23	423.14	423.14	423.09-	423.14	28
		29	423.15		423.17	423.25	423.21	423.16-	423.19	423.22	423.13-	423.13-	423.09-	423.13	29
		30	423.15		423.17	423.24	423.20	423.19	423.21	423.21	423.13-	423.13-	423.09-	423.13	30
		31	423.14-		423.18		423.19		423.20	423.20	423.13-	423.13-		423.14	31
Monatsmittel		423.16	423.21	423.20	423.30+	423.23	423.22	423.21	423.29	423.20	423.18	423.12-	423.14	m ü.M.	
Spitze Datum		1.	13.	14.	21.	6.	15.	8.	22.	11.	4.	6.	17.	m ü.M.	
Amplitude		0.07-	0.21	0.17	0.38	0.16	0.18	0.22	0.73+	0.26	0.27	0.11	0.11	m	
Jahr		Mittel: 423.21			Spitze: 423.89 (22.08.2005)			Minimum: 423.09 (01.12.2005)			Amplitude: 0.80				



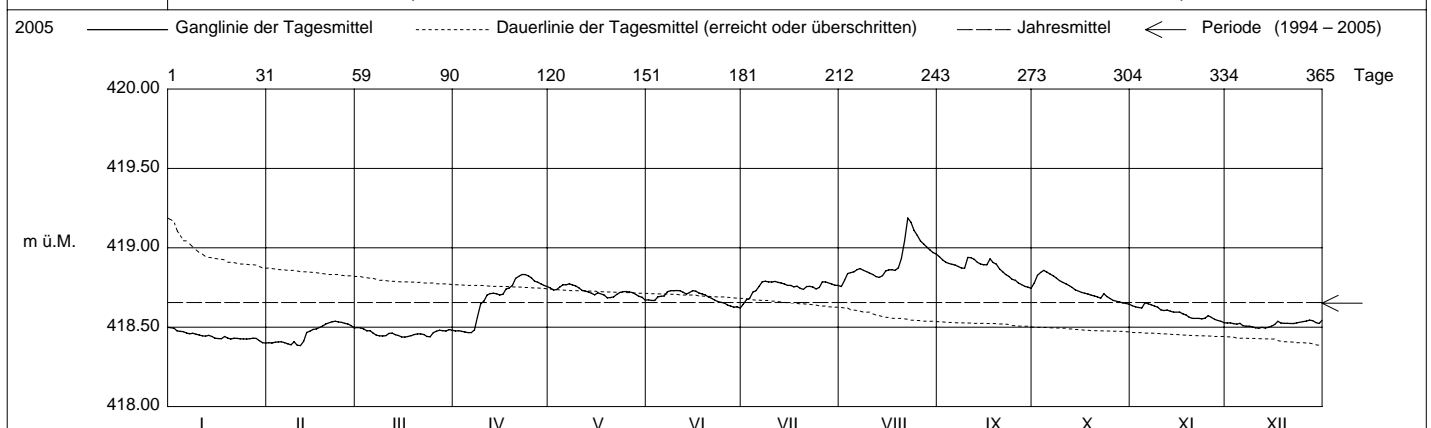
Periode 1995 - 2005 (11 Jahre)													
Monatsmittel	423.18	423.19+	423.17	423.18	423.18	423.18	423.17	423.16-	423.16-	423.17	423.17	423.17	m ü.M.
Monats-Spitze Jahr	423.60 1995	423.52 1999	423.53 2001	423.58 2001	423.64 1999	423.76 2004	423.53 1997	423.89+ 2005	423.65 2001	423.45- 2003	423.49 2001	423.51 1995	m ü.M.
Monats-Minimum Jahr	423.05 1996	423.06+ 1996	423.04 1996	423.02 1996	423.04 1996	423.05 1997	423.06+ 1996	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	0.38- 2005	0.48 1999	0.65 2004	0.38- 1997	0.73+ 2005	0.51 2002	0.67 1996	0.65 1996	0.46 1995	m
Periode	Mittel: 423.17			Spitze: 423.89 (22.08.2005)			Minimum: 422.70 (01.10.1996)			Amplitude: 1.19			



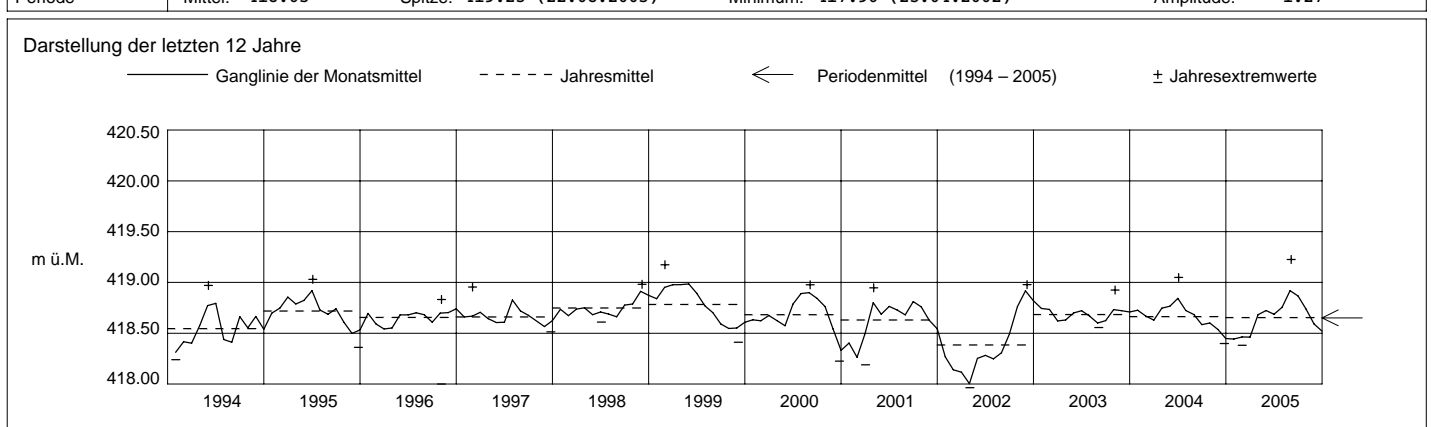
Grundwasserstände **Nr. 1242 Zug - Gubelstrasse 7** **KANTON ZUG**
 Koordinaten: 681'864 / 225'367 **Amt für Umweltschutz**
 Drucksonde / R16 **Abstichpunkt: 423.26 m ü.M. OK Terrain: 421.99 m ü.M.**

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	418.50+	418.40	418.50+	418.48	418.75	418.67	418.64-	418.76-	418.94+	418.78	418.64	418.53	1
	2	418.49	418.40	418.50+	418.48	418.73	418.67	418.67	418.80	418.92	418.83	418.63	418.53	2
	3	418.48	418.40	418.49	418.47-	418.74	418.67	418.68	418.84	418.91	418.84	418.62	418.52	3
	4	418.47	418.41	418.48	418.47-	418.75	418.69	418.72	418.84	418.90	418.86+	418.62	418.52	4
	5	418.47	418.41	418.48	418.47-	418.77+	418.69	418.73	418.85	418.90	418.85	418.65+	418.52	5
	6	418.46	418.40	418.46	418.47-	418.77+	418.70	418.76	418.86	418.89	418.83	418.65+	418.51	6
	7	418.46	418.39	418.45	418.48	418.77+	418.72	418.79+	418.87	418.88	418.82	418.64	418.51	7
	8	418.46	418.39	418.44-	418.57	418.77+	418.73+	418.79+	418.86	418.87	418.81	418.63	418.51	8
	9	418.46	418.41	418.44-	418.65	418.76	418.73+	418.78	418.85	418.87	418.79	418.63	418.50	9
	10	418.45	418.39	418.45	418.66	418.75	418.73+	418.78	418.84	418.94+	418.78	418.61	418.50	10
m ü.M.	11	418.45	418.38-	418.46	418.70	418.73	418.73+	418.79+	418.83	418.94+	418.77	418.60	418.49-	11
	12	418.44	418.41	418.46	418.71	418.73	418.72	418.78	418.82	418.93	418.76	418.61	418.50	12
	13	418.45	418.47	418.45	418.71	418.72	418.71	418.78	418.81	418.91	418.75	418.60	418.49-	13
	14	418.44	418.47	418.45	418.71	418.71	418.72	418.77	418.82	418.90	418.73	418.59	418.50	14
	15	418.43	418.49	418.44-	418.70	418.70	418.73+	418.76	418.85	418.89	418.73	418.59	418.51	15
	16	418.43	418.49	418.44-	418.71	418.72	418.73+	418.76	418.86	418.89	418.72	418.59	418.52	16
	17	418.43	418.50	418.44-	418.74	418.71	418.71	418.75	418.86	418.93	418.71	418.58	418.54+	17
	18	418.44	418.51	418.45	418.75	418.70	418.71	418.76	418.86	418.91	418.71	418.58	418.53	18
	19	418.43	418.52	418.45	418.76	418.68	418.70	418.75	418.87	418.90	418.70	418.56	418.52	19
	20	418.43	418.53	418.46	418.81	418.69	418.69	418.74	418.93	418.87	418.70	418.56	418.52	20
	+ Maximum	21	418.43	418.53	418.46	418.82	418.69	418.68	418.76	419.04	418.85	418.69	418.56	418.52
22		418.43	418.54+	418.45	418.83+	418.71	418.67	418.76	419.19+	418.83	418.68	418.55	418.52	22
23		418.43	418.53	418.44-	418.83+	418.72	418.66	418.75	419.16	418.82	418.71	418.55	418.53	23
24		418.43	418.53	418.44-	418.82	418.72	418.66	418.74	419.11	418.80	418.69	418.56	418.53	24
25		418.43	418.52	418.47	418.81	418.73	418.65	418.75	419.08	418.80	418.68	418.57	418.53	25
26		418.43	418.52	418.47	418.79	418.72	418.64	418.79+	419.04	418.78	418.67	418.56	418.54+	26
27		418.43	418.51	418.48	418.78	418.72	418.63	418.79+	419.02	418.77	418.66	418.55	418.54+	27
28		418.43	418.49	418.48	418.77	418.71	418.63	418.78	419.01	418.76	418.66	418.54	418.54+	28
29		418.42		418.48	418.76	418.69	418.63	418.77	418.99	418.75	418.65-	418.54	418.53	29
30		418.40-		418.48	418.76	418.69	418.62-	418.76	418.97	418.74-	418.65-	418.53-	418.52	30
31		418.40-		418.48	418.48	418.67-		418.76	418.96		418.65-		418.54+	31
Monatsmittel		418.44-	418.46	418.46	418.68	418.72	418.69	418.75	418.92+	418.87	418.74	418.59	418.52	m ü.M.
Spitze Datum		418.50- 1.	418.60 13.	418.60 26.	418.89 23.	418.83 7.	418.85 15.	418.88 7.	419.23+ 22.	419.09 10.	418.94 3.	418.76 5.	418.70 5.	m ü.M.
Amplitude		0.10-	0.22	0.18	0.43	0.18	0.25	0.26	0.47+	0.34	0.30	0.23	0.21	m

Jahr Mittel: 418.65 Spitze: 419.23 (22.08.2005) Minimum: 418.38 (10.02.2005) Amplitude: 0.85

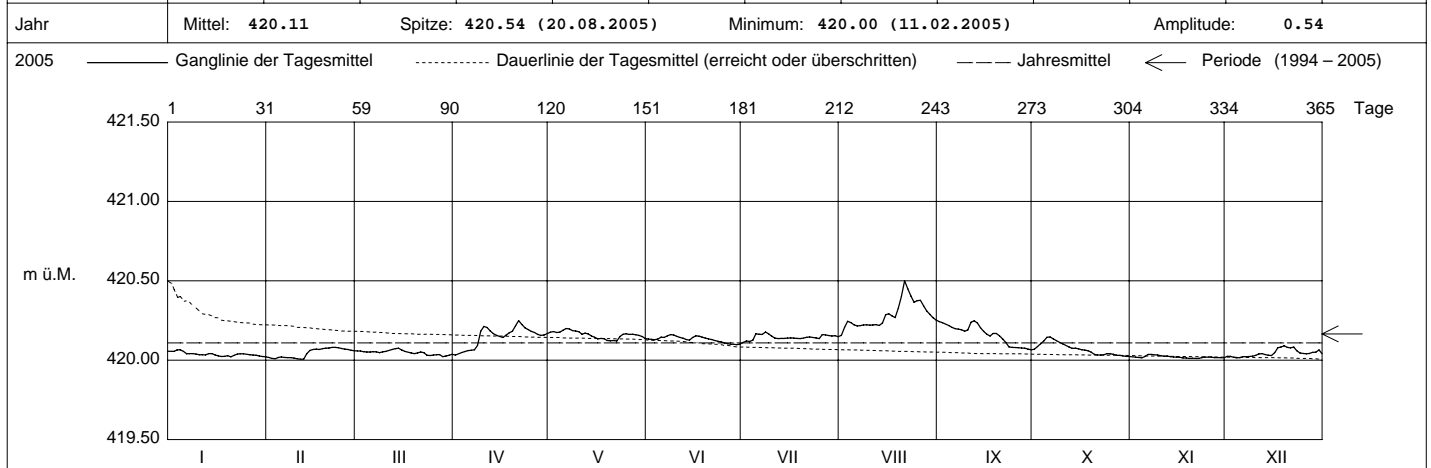


Periode		1994 - 2005 (12 Jahre)												
Monatsmittel		418.60	418.58-	418.60	418.65	418.69	418.72+	418.68	418.66	418.69	418.68	418.65	418.61	m ü.M.
Monats-Spitze Jahr		418.88- 1999	419.17 1999	419.04 1999	419.04 1999	419.14 1999	419.05 2004	418.98 2000	419.23+ 2005	419.09 2005	418.94 2005	418.98 1998	418.95 1995	m ü.M.
Monats-Minimum Jahr		418.13 2002	418.10 2002	418.03 2002	417.96- 2002	418.04 2002	418.22 2002	418.18 2002	418.17 2002	418.32+ 2002	418.00 1996	418.00 1996	418.00 1996	m ü.M.
Monats-Amplitude Jahr		0.28- 2001	0.36 1997	0.53 2001	0.43 2005	0.35 1994	0.36 1994	0.29 1994	0.47 2005	0.47 2002	0.83+ 1996	0.77 1996	0.82 1996	m
Periode		Mittel: 418.65	Spitze: 419.23 (22.08.2005)				Minimum: 417.96 (23.04.2002)				Amplitude: 1.27			

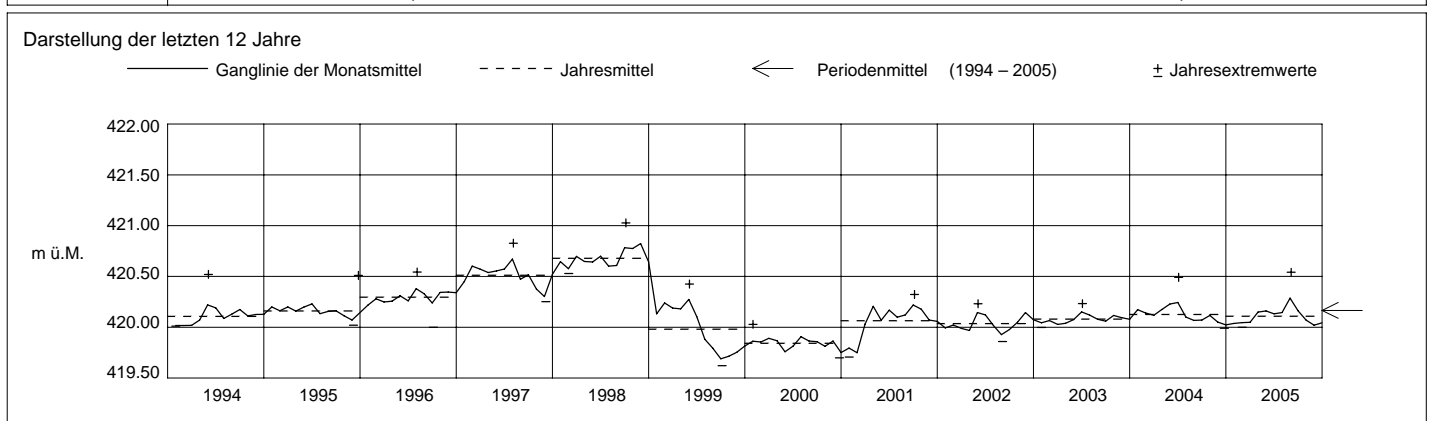


Grundwasserstände	Nr. 1244 Zug - Feldstrasse	KANTON ZUG
	Koordinaten: 681'687 / 225'996	Amt für Umweltschutz
Drucksonde / R16	Abstichpunkt: 424.605 m ü.M. OK Terrain: 423.28 m ü.M.	

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	420.06	420.02	420.06	420.03-	420.18	420.13	420.11-	420.16-	420.24	420.07	420.02	420.02-	1
		2	420.06	420.01-	420.06	420.04	420.18	420.13	420.12	420.21	420.24	420.09	420.02	420.02-	2
		3	420.06	420.01-	420.05	420.05	420.17	420.13	420.12	420.24	420.23	420.10	420.02	420.02-	3
		4	420.07+	420.02	420.05	420.05	420.18	420.13	420.13	420.24	420.22	420.12	420.01-	420.02-	4
		5	420.06	420.02	420.05	420.06	420.19	420.14	420.17	420.22	420.21	420.14	420.02	420.02-	5
		6	420.04	420.02	420.05	420.06	420.20+	420.14	420.16	420.22	420.20	420.15+	420.04+	420.02-	6
		7	420.04	420.02	420.05	420.07	420.20+	420.15	420.16	420.22	420.20	420.13	420.04+	420.02-	7
		8	420.04	420.02	420.05	420.09	420.19	420.16+	420.18+	420.22	420.19	420.12	420.03	420.02-	8
		9	420.04	420.01-	420.05	420.18	420.18	420.16+	420.17	420.22	420.18	420.11	420.03	420.03	9
		10	420.03	420.01-	420.06	420.21	420.18	420.15	420.15	420.22	420.19	420.10	420.03	420.03	10
		11	420.03	420.01-	420.06	420.21	420.16	420.14	420.14	420.22	420.24	420.09	420.03	420.04	11
		12	420.03	420.01-	420.07	420.18	420.17	420.14	420.14	420.22	420.25+	420.08	420.03	420.04	12
		13	420.04	420.04	420.07	420.17	420.17	420.13	420.14	420.22	420.23	420.07	420.02	420.03	13
		14	420.04	420.06	420.08+	420.16	420.15	420.13	420.14	420.24	420.20	420.08	420.02	420.03	14
	m ü.M.	15	420.03	420.07	420.06	420.15	420.14	420.14	420.14	420.29	420.18	420.07	420.02	420.03	15
		16	420.03	420.07	420.06	420.14	420.13	420.15	420.14	420.29	420.16	420.06	420.02	420.05	16
		17	420.02-	420.07	420.05	420.16	420.14	420.15	420.14	420.28	420.15	420.06	420.01-	420.08	17
		18	420.02-	420.07	420.04	420.17	420.13	420.14	420.14	420.27	420.17	420.06	420.01-	420.08	18
		19	420.03	420.08+	420.04	420.18	420.12-	420.14	420.14	420.33	420.17	420.05	420.01-	420.09+	19
		20	420.02-	420.08+	420.05	420.22	420.12-	420.13	420.14	420.40	420.15	420.04	420.01-	420.08	20
		21	420.03	420.08+	420.05	420.25+	420.12-	420.13	420.14	420.50+	420.13	420.03	420.01-	420.08	21
		22	420.04	420.08+	420.05	420.23	420.12-	420.12	420.15	420.45	420.11	420.03	420.01-	420.08	22
		23	420.04	420.08+	420.03	420.20	420.15	420.12	420.14	420.40	420.08	420.03	420.02	420.06	23
		24	420.04	420.07	420.03	420.19	420.16	420.11	420.14	420.37	420.08	420.04	420.02	420.05	24
		25	420.04	420.07	420.03	420.18	420.17	420.11	420.14	420.38	420.08	420.04	420.02	420.04	25
	+ Maximum	26	420.03	420.07	420.03	420.17	420.16	420.10-	420.16	420.38	420.08	420.04	420.02	420.04	26
		27	420.03	420.06	420.04	420.16	420.16	420.10-	420.16	420.34	420.08	420.03	420.02	420.04	27
	- Minimum	28	420.03	420.06	420.02-	420.16	420.16	420.10-	420.15	420.31	420.08	420.03	420.02	420.05	28
		29	420.03		420.03	420.16	420.16	420.10-	420.15	420.29	420.07-	420.03	420.02	420.05	29
		30	420.02-		420.03	420.15	420.15	420.10-	420.15	420.27	420.07-	420.02-	420.01-	420.06	30
		31	420.02-		420.04	420.14	420.14	420.15	420.15	420.25	420.25	420.02-	420.02-	420.04	31
Monatsmittel		420.04	420.04	420.05	420.15	420.16	420.13	420.14	420.29+	420.16	420.07	420.02-	420.04	m ü.M.	
Spitze Datum		420.08 3.	420.09 22.	420.08 14.	420.25 21.	420.20 6.	420.16 8.	420.18 8.	420.54+ 20.	420.25 12.	420.15 5.	420.04- 6.	420.09 19.	m ü.M.	
Amplitude		0.06	0.09	0.07	0.22	0.09	0.07	0.08	0.39+	0.22	0.13	0.03-	0.08	m	
Jahr		Mittel: 420.11			Spitze: 420.54 (20.08.2005)			Minimum: 420.00 (11.02.2005)			Amplitude: 0.54				



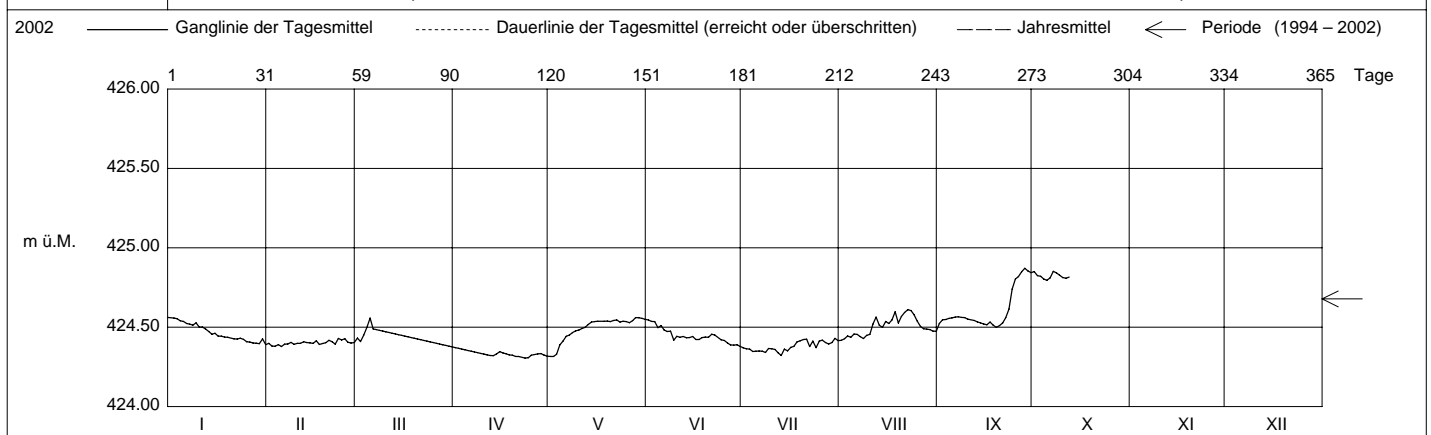
Periode 1994 - 2005 (12 Jahre)														
Monatsmittel	420.13-	420.15	420.17	420.19	420.22+	420.22+	420.18	420.15	420.16	420.15	420.14	420.13-	m ü.M.	
Monats-Spitze Jahr	420.70 1998	420.68 1997	420.75 1998	420.70 1998	420.67- 1998	420.85 1998	420.83 1997	420.71 1998	421.03+ 1998	420.88 1998	420.99 1998	420.73 1998	m ü.M.	
Monats-Minimum Jahr	419.71 2001	419.73 2001	419.80+ 2001	419.80+ 2000	419.73 2000	419.80+ 2000	419.78 1999	419.75 1999	419.62- 1999	419.65 1999	419.66 1999	419.70 2000	m ü.M.	
Monats-Amplitude Jahr	0.33 1996	0.23 1999	0.40 2001	0.22- 2005	0.42 1994	0.42 2004	0.30 1997	0.39 2005	0.37 1998	0.50+ 1996	0.50+ 1996	0.50+ 1996	m	
Periode		Mittel: 420.17			Spitze: 421.03 (12.09.1998)			Minimum: 419.62 (18.09.1999)			Amplitude: 1.41			



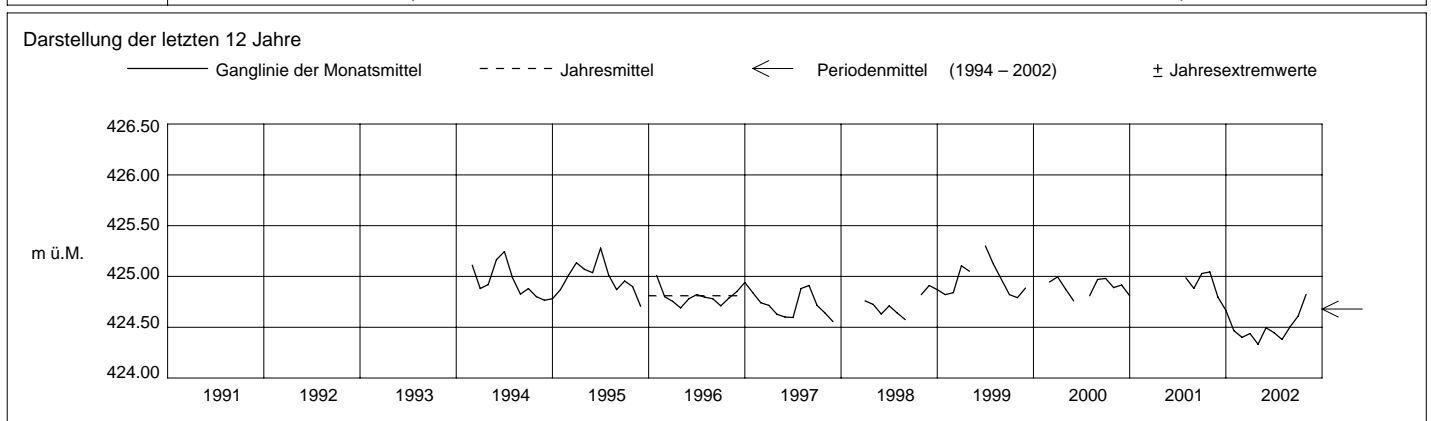
Grundwasserstände **Nr. 1245 Zug - Lüswieg (B15)** **KANTON ZUG**
 Koordinaten: 682'167 / 225'465 **Amt für Umweltschutz**
 Orpheus **Abstichpunkt: 429.215 m ü.M. OK Terrain: 429.395 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2002	Tagesmittel	1	424.56+	424.40	424.43	424.37+	424.32-	424.55+	424.37	424.42-	424.52	424.85			1	
		2	424.56+	424.38-	424.41	424.37+	424.32-	424.54	424.36	424.43	424.55	424.82			2	
		3	424.55	424.38-	424.45	424.36	424.33	424.54	424.36	424.44	424.55	424.82			3	
		4	424.54	424.39	424.50	424.36	424.39	424.50	424.35	424.44	424.56	424.80			4	
		5	424.54	424.38-	424.56+	424.35	424.41	424.51	424.35	424.46	424.56	424.80			5	
		6	424.52	424.39	424.49	424.35	424.44	424.48	424.35	424.45	424.56	424.81			6	
		7	424.52	424.39	424.48	424.34	424.45	424.47	424.35	424.44	424.57	424.85			7	
		8	424.51	424.40	424.48	424.34	424.47	424.47	424.34	424.43	424.56	424.84			8	
		9	424.53	424.39	424.48	424.33	424.48	424.42	424.37	424.45	424.56	424.83			9	
		10	424.50	424.40	424.47	424.33	424.48	424.44	424.36	424.45	424.55	424.81			10	
	m ü.M.	11	424.50	424.40	424.47	424.33	424.49	424.44	424.36	424.52	424.55	424.81			11	
		12	424.49	424.41	424.46	424.32	424.50	424.44	424.34	424.56	424.54	424.82			12	
		13	424.47	424.40	424.46	424.32	424.52	424.43	424.32-	424.51	424.53				13	
		14	424.46	424.40	424.45	424.33	424.53	424.43	424.36	424.50	424.53				14	
		15	424.46	424.40	424.45	424.35	424.54	424.44	424.35	424.54	424.52				15	
		16	424.44	424.41	424.44	424.34	424.54	424.42	424.37	424.52	424.52				16	
		17	424.44	424.39	424.44	424.33	424.54	424.42	424.38	424.55	424.53				17	
		18	424.44	424.40	424.43	424.33	424.54	424.43	424.41	424.60	424.51				18	
		19	424.44	424.40	424.43	424.32	424.54	424.44	424.41	424.53	424.50-				19	
		20	424.43	424.42	424.43	424.32	424.54	424.44	424.42	424.57	424.51				20	
		+ Maximum	21	424.43	424.41	424.42	424.32	424.54	424.46	424.42	424.53	424.53				21
	22		424.43	424.39	424.42	424.31-	424.55	424.45	424.38	424.61+	424.56				22	
	23		424.43	424.43+	424.41	424.31-	424.53	424.44	424.41	424.61+	424.61				23	
	24		424.42	424.42	424.41	424.31-	424.54	424.42	424.37	424.58	424.74				24	
	25		424.41	424.43+	424.40	424.32	424.54	424.42	424.41	424.54	424.80				25	
	- Minimum		26	424.41	424.40	424.40	424.33	424.53	424.40	424.42	424.51	424.82				26
			27	424.40	424.40	424.39	424.33	424.54	424.39	424.40	424.49	424.85				27
			28	424.40	424.40	424.39	424.33	424.56+	424.39	424.39	424.49	424.87+				28
			29	424.40		424.38-	424.32	424.56+	424.39	424.40	424.48	424.85				29
			30	424.43		424.38-	424.32	424.56+	424.38-	424.43+	424.48	424.84				30
			31	424.39-		424.38-		424.55		424.42	424.47					31
Monatsmittel		424.47	424.40	424.44	424.33-	424.49	424.45	424.38	424.50	424.61				m ü.M.		
Spitze Datum		424.58 3.	424.56 23.	424.62 5.	424.37- 1.	424.58 28.	424.56 1.	424.50 30.	424.66 21.	424.96 28.				m ü.M.		
Amplitude		0.20	0.20	0.25	0.07	0.26	0.26	0.30	0.33	0.47+				m		

Jahr Mittel: 424.47 Spitze: 424.96 (28.09.2002) Minimum: 424.20 (13.07.2002) Amplitude: 0.76

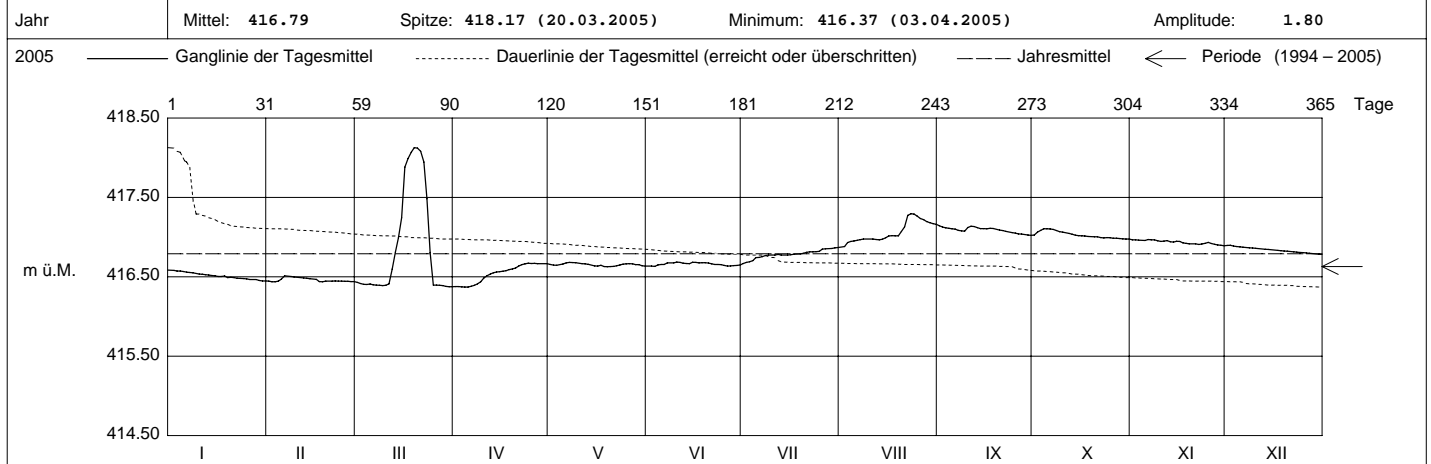


Periode 1994 - 2002 (9 Jahre)													
Monatsmittel	424.53	424.55	424.56	424.48-	424.59	424.56	424.67	424.72	424.82	424.94+	424.79	424.69	m ü.M.
Monats-Spitze Jahr	424.58 2002	424.56 2002	424.62 2002	424.37- 2002	424.58 2002	424.56 2002	425.05 2001	424.95 2001	425.24+ 2001	425.19 2001	424.97 2001	424.91 2001	m ü.M.
Monats-Minimum Jahr	424.38 2002	424.36 2002	424.37 2002	424.31 2002	424.32 2002	424.30 2002	424.20- 2002	424.33 2002	424.49 2002	424.79 2002	424.68 2001		m ü.M.
Monats-Amplitude Jahr	0.20 2002	0.20 2002	0.25 2002	0.07- 2002	0.26 2002	0.26 2002	0.30 2002	0.33 2002	0.47+ 2002	0.27 2001	0.29 2001	0.35 2001	m
Periode	Mittel: 424.68		Spitze: 425.24 (25.09.2001)			Minimum: 0.00 (00.12.1996)			Amplitude: 425.24				

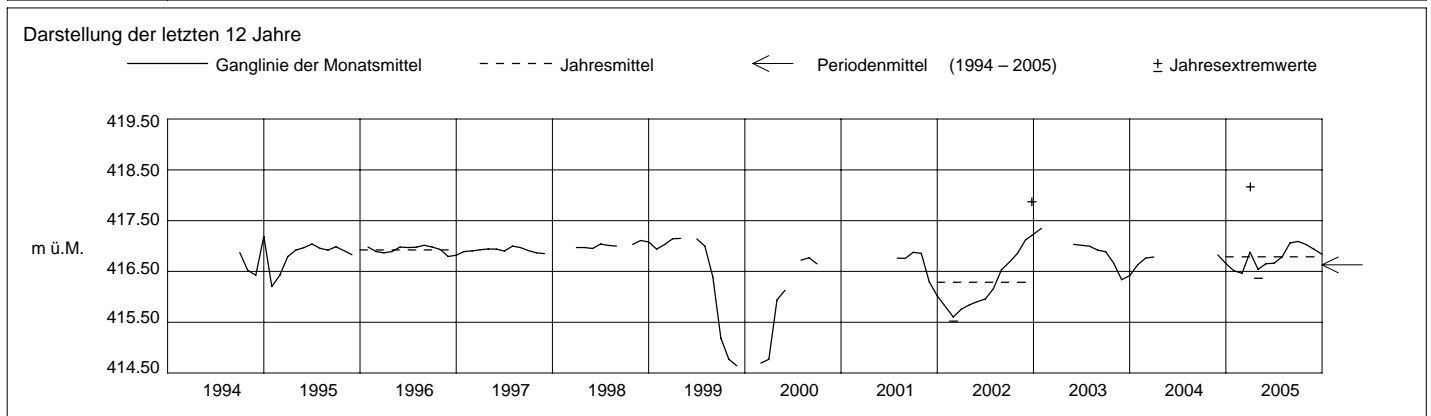


Grundwasserstände **Nr. 1274 Zug - Dammstrasse** **KANTON ZUG**
 Koordinaten: 681'563 / 225'373 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 419.615 m ü.M. OK Terrain: 419.78 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	416.59+	416.45	416.43	416.38	416.66	416.64	416.67-	416.88-	417.14+	417.03	416.97+	416.90+	1
		2	416.58	416.44-	416.42	416.38	416.65	416.63-	416.68	416.88-	417.13	417.06	416.97+	416.90+	2
		3	416.57	416.44-	416.41	416.37-	416.64	416.63-	416.69	416.93	417.12	417.09	416.96	416.89	3
		4	416.57	416.45	416.40	416.37-	416.65	416.65	416.70	416.95	417.11	417.11+	416.96	416.88	4
		5	416.57	416.47	416.41	416.37-	416.66	416.66	416.74	416.95	417.10	417.10	416.96	416.88	5
		6	416.56	416.51+	416.40	416.38	416.68+	416.66	416.75	416.96	417.10	417.10	416.97+	416.87	6
		7	416.55	416.51+	416.40	416.39	416.68+	416.68	416.75	416.97	417.09	417.10	416.97+	416.87	7
		8	416.55	416.50	416.39	416.41	416.68+	416.68	416.77	416.98	417.08	417.08	416.97+	416.87	8
		9	416.54	416.50	416.39	416.44	416.68+	416.68	416.77	416.98	417.07	417.07	416.95	416.86	9
		10	416.54	416.49	416.39	416.49	416.67	416.69+	416.77	416.98	417.12	417.06	416.95	416.86	10
	m ü.M.	11	416.53	416.49	416.41	416.51	416.67	416.68	416.78	416.98	417.14+	417.06	416.95	416.86	11
		12	416.53	416.49	416.60	416.54	416.66	416.67	416.78	416.97	417.13	417.05	416.96	416.85	12
		13	416.52	416.48	416.81	416.55	416.66	416.67	416.78	416.97	417.12	417.04	416.94	416.85	13
		14	416.52	416.48	416.99	416.56	416.65	416.67	416.78	416.97	417.11	417.02	416.94	416.84	14
		15	416.51	416.47	417.24	416.57	416.64	416.68	416.78	416.99	417.11	417.02	416.95	416.84	15
		16	416.51	416.47	417.88	416.57	416.64	416.68	416.78	417.01	417.10	417.02	416.95	416.84	16
		17	416.51	416.44-	417.99	416.58	416.64	416.68	416.79	417.02	417.11	417.02	416.93	416.83	17
		18	416.51	416.44-	418.07	416.59	416.63-	416.68	416.79	417.02	417.11	417.01	416.92	416.83	18
		19	416.49	416.44-	418.13+	416.60	416.63-	416.68	416.79	417.02	417.10	417.01	416.92	416.83	19
		20	416.49	416.45	418.12	416.61	416.63-	416.67	416.80	417.07	417.09	417.01	416.92	416.82	20
	+ Maximum	21	416.49	416.45	418.08	416.64	416.63-	416.66	416.81	417.13	417.08	417.00	416.92	416.82	21
		22	416.48	416.45	417.95	416.65	416.64	416.66	416.82	417.27	417.07	417.00	416.91	416.81	22
		23	416.48	416.45	417.48	416.66	416.65	416.66	416.82	417.30+	417.06	416.99	416.91	416.81	23
		24	416.48	416.45	416.81	416.67+	416.66	416.65	416.82	417.29	417.06	416.99	416.92	416.81	24
		25	416.47	416.44-	416.40	416.67+	416.66	416.64	416.82	417.26	417.05	416.99	416.93	416.80	25
		26	416.47	416.44-	416.40	416.67+	416.67	416.64	416.85	417.24	417.04	416.99	416.92	416.80	26
		27	416.47	416.44-	416.39	416.67+	416.66	416.64	416.85	417.22	417.04	416.99	416.91	416.80	27
		28	416.47	416.44-	416.39	416.67+	416.65	416.64	416.85	417.20	417.03	416.98-	416.90	416.79	28
		29	416.45-	416.44-	416.38-	416.67+	416.65	416.64	416.86	417.18	417.03	416.98-	416.90	416.79	29
		30	416.45-	416.44-	416.38-	416.67+	416.64	416.65	416.87+	417.17	417.02-	416.98-	416.89-	416.79	30
		31	416.45-	416.44-	416.38-	416.67+	416.64	416.65	416.87+	417.16	417.02-	416.98-	416.89-	416.78-	31
Monatsmittel		416.51	416.46-	416.88	416.54	416.65	416.66	416.79	417.06	417.09+	417.03	416.94	416.84	m ü.M.	
Spitze Datum		416.59 1.	416.52- 5.	418.17+ 20.	416.68 24.	416.69 7.	416.71 10.	416.88 29.	417.30 22.	417.16 1.	417.12 4.	416.98 6.	416.91 2.	m ü.M.	
Amplitude		0.14	0.09	1.79+	0.31	0.06-	0.09	0.23	0.42	0.14	0.15	0.09	0.13	m	
Jahr		Mittel: 416.79			Spitze: 418.17 (20.03.2005)			Minimum: 416.37 (03.04.2005)			Amplitude: 1.80				



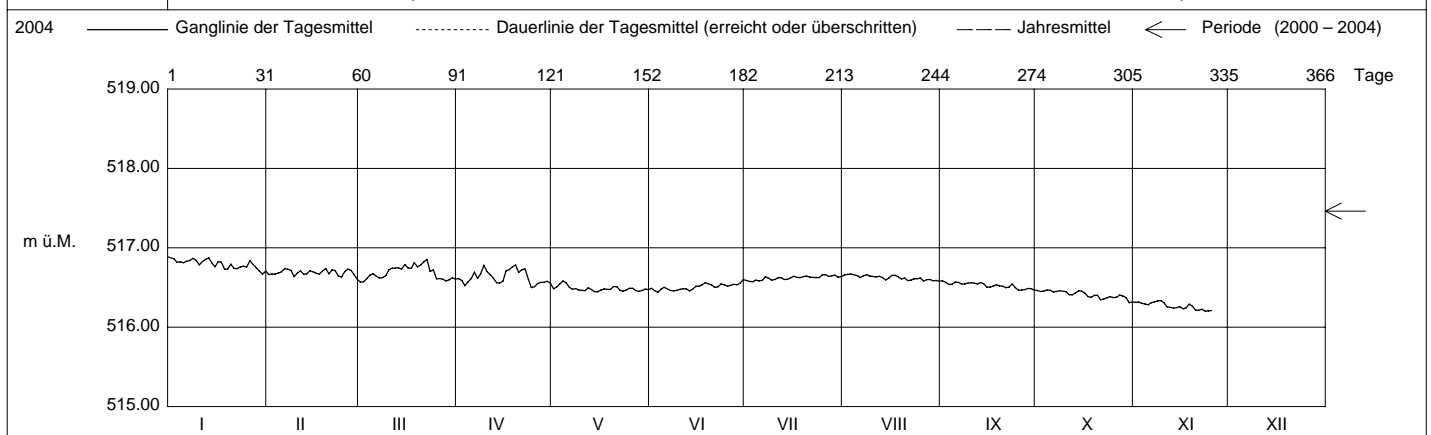
Periode 1994 - 2005 (12 Jahre)													
Monatsmittel	416.51	416.28-	416.50	416.30	416.46	416.57	416.69	416.82	416.87+	416.84	416.69	416.64	m ü.M.
Monats-Spitze Jahr	417.94 2003	416.79 2004	418.17+ 2005	416.68- 2005	417.09 2003	417.05 2003	417.02 2003	417.30 2005	417.16 2005	417.12 2005	417.71 2002	417.87 2002	m ü.M.
Monats-Minimum Jahr	415.64 2002	415.52- 2002	415.68 2002	415.75 2002	415.82 2002	415.91 2002	416.00 2002	416.41 2002	416.58 2002	416.41 2003	416.02 2001		m ü.M.
Monats-Amplitude Jahr	1.01 2003	0.32 2002	1.79+ 2005	0.32 2002	0.12- 2002	0.12- 2002	0.52 2002	0.42 2005	0.39 2002	0.52 2003	0.91 2002	0.93 2002	m
Periode		Mittel: 416.63			Spitze: 418.17 (20.03.2005)			Minimum: 0.00 (00.12.1996)			Amplitude: 418.17		



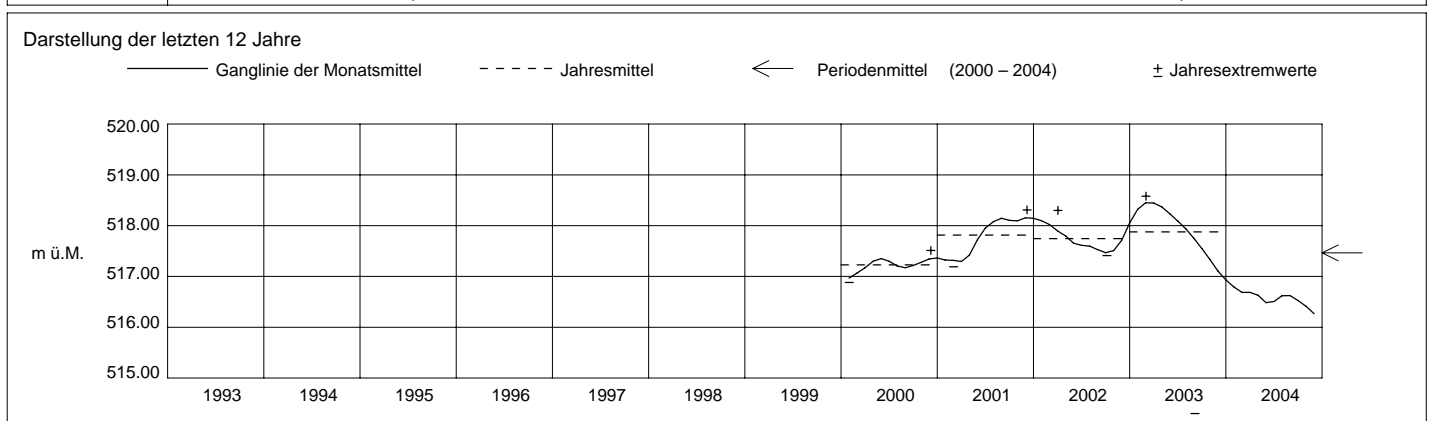
Grundwasserstände **Nr. 1301 Baar - Schönbühlwald** **KANTON ZUG**
 Koordinaten: 682'223.88 / 229'520.99 **Amt für Umweltschutz**
 Orpheus Mini **Abstichpunkt: 566.30 m ü.M. OK Terrain: 566.505 m ü.M.**

2004		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	516.89+	516.66	516.57-	516.61	516.48	516.49	516.59	516.66	516.59+	516.46	516.31		1
	2	516.86	516.67	516.57-	516.59	516.50	516.46	516.58	516.67+	516.56	516.45	516.32		2
	3	516.82	516.67	516.61	516.52	516.54	516.44-	516.57-	516.67+	516.54	516.45	516.30		3
	4	516.82	516.68	516.66	516.57	516.58+	516.48	516.59	516.66	516.54	516.47+	516.29		4
	5	516.81	516.70	516.67	516.61	516.56	516.50	516.58	516.65	516.57	516.47+	516.28		5
	6	516.83	516.74+	516.64	516.69	516.50	516.48	516.59	516.63	516.56	516.44	516.31		6
	7	516.84	516.73	516.62	516.61	516.48	516.46	516.64	516.65	516.54	516.45	516.32		7
	8	516.87	516.72	516.62	516.67	516.49	516.46	516.62	516.66	516.54	516.46	516.33		8
	9	516.84	516.64	516.65	516.78	516.47	516.46	516.59	516.64	516.56	516.45	516.34		9
	10	516.79	516.68	516.72	516.70	516.46	516.48	516.60	516.64	516.56	516.45	516.31		10
m ü.M.	11	516.83	516.71	516.74	516.66	516.46	516.48	516.62	516.63	516.55	516.41	516.26		11
	12	516.85	516.67	516.74	516.62	516.50	516.48	516.62	516.64	516.41	516.25		12	
	13	516.87	516.67	516.75	516.56	516.47	516.46	516.60	516.63	516.56	516.43	516.24		13
	14	516.81	516.71	516.73	516.56	516.45-	516.48	516.60	516.59	516.55	516.46	516.25		14
	15	516.76	516.70	516.79	516.58	516.45-	516.52	516.62	516.62	516.50	516.45	516.26		15
	16	516.83	516.68	516.75	516.71	516.47	516.52	516.64	516.65	516.50	516.43	516.23		16
	17	516.82	516.67	516.74	516.73	516.48	516.54	516.63	516.65	516.52	516.39	516.24		17
	18	516.73	516.71	516.82	516.76	516.48	516.56	516.62	516.63	516.53	516.38	516.29		18
	19	516.73	516.74+	516.76	516.79+	516.48	516.55	516.64	516.61	516.52	516.40	516.26		19
	20	516.79	516.67	516.78	516.69	516.51	516.53	516.64	516.62	516.52	516.40	516.21		20
+ Maximum	21	516.74	516.72	516.82	516.72	516.51	516.50	516.63	516.59	516.50	516.35	516.21		21
	22	516.74	516.71	516.85+	516.73	516.46	516.51	516.63	516.59	516.50	516.36	516.23		22
	23	516.76	516.64	516.70	516.61	516.45-	516.54	516.63	516.61	516.54	516.37	516.20		23
	24	516.77	516.63	516.72	516.50-	516.47	516.53	516.62	516.61	516.50	516.39	516.20		24
	25	516.76	516.70	516.61	516.51	516.49	516.52	516.66+	516.62	516.47-	516.37	516.21		25
	26	516.84	516.73	516.61	516.55	516.49	516.53	516.66+	516.58-	516.47-	516.38			26
	27	516.79	516.72	516.60	516.56	516.46	516.54	516.64	516.60	516.47-	516.41			27
	28	516.75	516.66	516.58	516.56	516.45-	516.53	516.65	516.60	516.49	516.39			28
	29	516.71	516.60-	516.60	516.58	516.46	516.55	516.65	516.59	516.49	516.37			29
	30	516.67-		516.62	516.55	516.48	516.60+	516.63	516.59	516.47-	516.31-			30
31	516.71		516.61		516.47		516.64	516.58-		516.32			31	
Monatsmittel		516.79	516.69	516.69	516.63	516.48	516.51	516.62	516.62	516.53	516.41			m ü.M.
Spitze Datum		516.91 1.	516.78 27.	517.10 22.	517.11 16.	516.60 4.	516.62 30.	516.68 25.	516.68 2.	516.59 1.	516.48 4.			m ü.M.
Amplitude		0.28	0.21	0.55	0.63+	0.17	0.19	0.12	0.13	0.13	0.19			m

Jahr Mittel: 516.57 Spitze: 517.11 (16.04.2004) Minimum: 516.19 (19.11.2004) Amplitude: 0.92



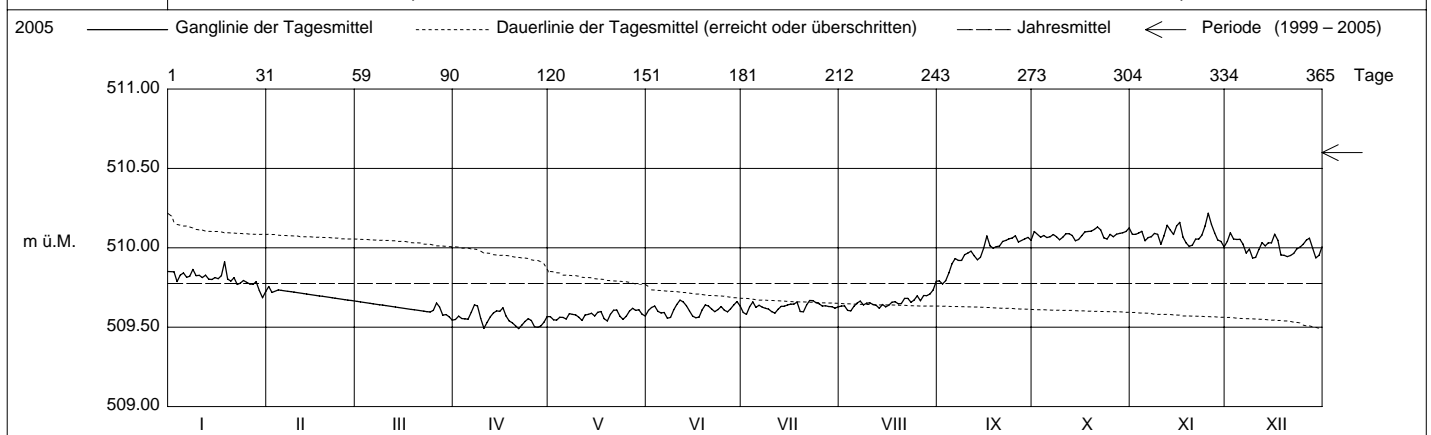
Periode 2000 - 2004 (5 Jahre)													
Monatsmittel	517.50	517.50	517.50	517.50	517.49	517.49	517.49	517.44	517.37	517.33-	517.35	517.62+	m ü.M.
Monats-Spitze Jahr	518.54 2003	518.58+ 2003	518.52 2003	518.50 2003	518.33 2003	518.19 2003	518.13- 2001	518.19 2001	518.19 2001	518.20 2001	518.31 2001	518.29 2002	m ü.M.
Monats-Minimum Jahr	516.63 2004	516.57 2004	516.55 2004	516.48 2004	516.43 2004	516.43 2004	516.56 2004	514.30- 2003	516.46 2004	516.29 2004	516.19 2004	516.81+ 2003	m ü.M.
Monats-Amplitude Jahr	0.36 2003	0.26 2000	0.55 2004	0.63 2004	0.43 2001	0.19- 2001	0.21 2003	3.55+ 2003	0.24 2003	0.28 2000	0.31 2002	0.47 2002	m
Periode	Mittel: 517.46		Spitze: 518.58 (03.02.2003)				Minimum: 514.30 (10.08.2003)				Amplitude: 4.28		



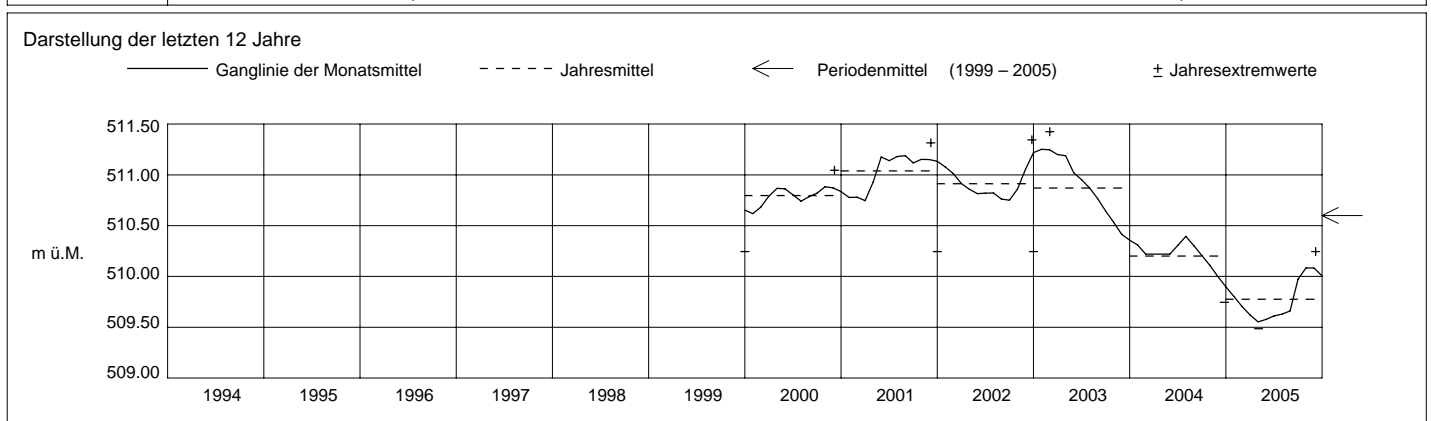
Grundwasserstände **Nr. 1303 Baar - Schönbühlwald** **KANTON ZUG**
 Koordinaten: 681'963.66 / 229'498.05 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 549.395 m ü.M. OK Terrain: 549.55 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	509.85	509.76+	509.66+	509.55	509.57	509.61	509.59	509.63	509.79	510.10	510.08	510.04	1
		2	509.85	509.72	509.66+	509.57	509.55	509.62	509.58-	509.63	509.77-	510.08	510.08	510.10+	2
		3	509.79	509.73	509.66+	509.55	509.54-	509.63	509.61	509.79	509.79	510.07	510.09	510.06	3
		4	509.83	509.73	509.65	509.55	509.56	509.60	509.66	509.60-	509.84	510.08	510.10	510.05	4
		5	509.84	509.73	509.65	509.55	509.56	509.59	509.63	509.63	509.90	510.06	510.04	510.05	5
		6	509.81	509.73	509.65	509.59	509.55	509.59	509.64	509.65	509.93	510.07	510.06	510.02	6
		7	509.82	509.73	509.64	509.64+	509.59	509.56-	509.63	509.66	509.92	510.08	510.07	509.97	7
		8	509.86	509.72	509.64	509.63	509.58	509.56-	509.62	509.64	509.92	510.07	510.09	509.99	8
		9	509.83	509.72	509.64	509.56	509.58	509.61	509.61	509.65	509.96	510.05	510.09	509.94-	9
		10	509.83	509.72	509.64	509.49-	509.56	509.64	509.60	509.65	509.97	510.07	510.02	509.94-	10
	m ü.M.	11	509.81	509.71	509.63	509.53	509.54-	509.67+	509.59	509.64	509.98	510.09	510.07	509.99	11
		12	509.83	509.71	509.63	509.57	509.58	509.66	509.61	509.95	510.09	510.14	510.03	510.03	12
		13	509.80	509.71	509.63	509.59	509.58	509.64	509.63	509.62	509.92	510.08	510.11	510.01	13
		14	509.80	509.71	509.62	509.60	509.59	509.60	509.63	509.64	509.94	510.04-	510.08	510.03	14
		15	509.81	509.70	509.62	509.60	509.57	509.57	509.64	509.63	510.00	510.05	510.14	510.03	15
		16	509.81	509.70	509.62	509.62	509.59	509.56-	509.65	509.64	510.08+	510.08	510.16	510.09	16
		17	509.83	509.70	509.62	509.57	509.60	509.56-	509.65	509.66	510.01	510.10	510.07	510.05	17
		18	509.91+	509.69	509.61	509.54	509.55	509.61	509.66	509.66	510.00	510.10	510.03	509.95	18
		19	509.80	509.69	509.61	509.53	509.54-	509.64	509.60	509.65	510.01	510.11	510.01-	509.95	19
		20	509.79	509.69	509.61	509.51	509.58	509.63	509.60	509.65	510.01	510.12	510.02	509.95	20
	+ Maximum	21	509.81	509.69	509.60	509.49-	509.61	509.61	509.64	509.68	510.04	510.13+	510.05	509.95	21
		22	509.77	509.68	509.60	509.51	509.61	509.60	509.67+	509.68	510.05	510.11	510.06	509.97	22
		23	509.78	509.68	509.60	509.54	509.57	509.61	509.67+	509.66	510.06	510.06	510.08	509.99	23
		24	509.79	509.68	509.60	509.55	509.55	509.63	509.65	509.67	510.06	510.06	510.14	510.00	24
		25	509.78	509.67	509.61	509.54	509.57	509.61	509.65	509.70	510.08+	510.09	510.22+	510.02	25
		26	509.77	509.67	509.65	509.50	509.60	509.60	509.63	509.67	510.04	510.07	510.15	510.05	26
		27	509.77	509.67	509.63	509.50	509.62+	509.62	509.64	509.70	510.05	510.09	510.09	510.06	27
		28	509.79	509.66-	509.58	509.51	509.61	509.64	509.63	509.70	510.06	510.09	510.05	510.00	28
		29	509.73		509.58	509.53	509.61	509.66	509.63	509.71	510.07	510.10	510.04	509.94-	29
		30	509.69-		509.57	509.57	509.58	509.62	509.62	509.73	510.05	510.10	510.01-	509.95	30
		31	509.72		509.54-		509.57	509.63	509.63	509.79+		510.13+		510.01	31
Monatsmittel		509.80	509.70	509.62	509.55-	509.58	509.61	509.63	509.66	509.97	510.08+	510.08+	510.01	m ü.M.	
Spitze Datum		509.98 18.	509.79 1.	509.67 26.	509.67 8.	509.63- 21.	509.69 11.	509.69 4.	509.81 31.	510.10 16.	510.15 21.	510.25+ 25.	510.12 2.	m ü.M.	
Amplitude		0.30	0.12	0.13	0.18	0.11-	0.15	0.12	0.21	0.33+	0.11-	0.25	0.20	m	

Jahr Mittel: 509.78 Spitze: 510.25 (25.11.2005) Minimum: 509.49 (09.04.2005) Amplitude: 0.76

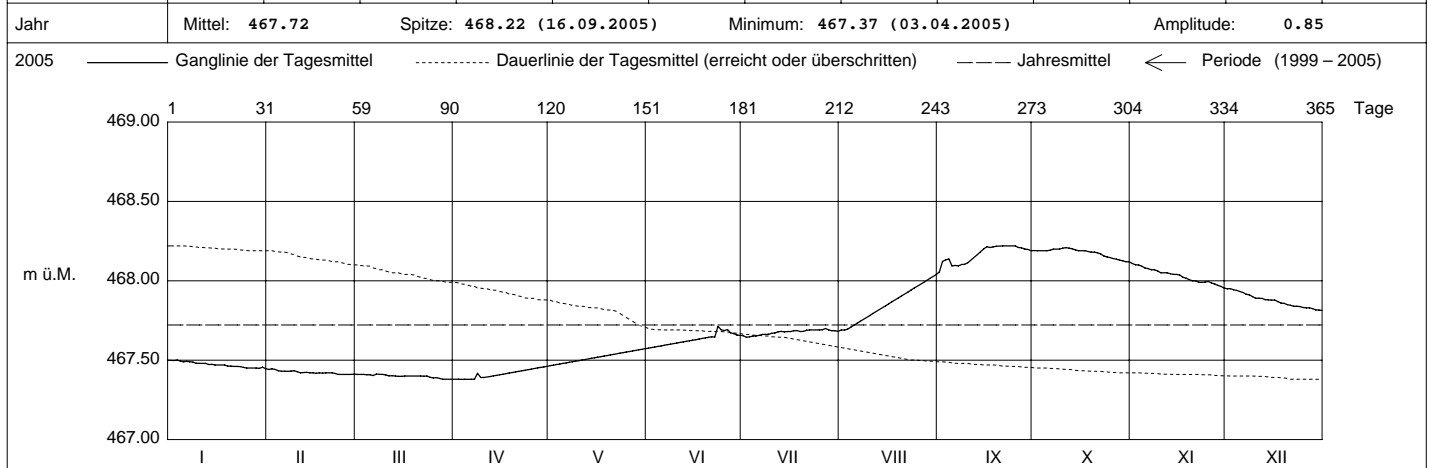


Periode		1999 - 2005 (7 Jahre)												
Monatsmittel		510.64+	510.61	510.58-	510.60	510.61	510.61	510.61	510.58-	510.59	510.60	510.60	510.58-	m ü.M.
Monats-Spitze Jahr		511.42 2003	511.43+ 2003	511.36 2003	511.34 2003	511.26 2001	511.20- 2001	511.26 2001	511.28 2001	511.20- 2001	511.26 2001	511.32 2002	511.35 2005	m ü.M.
Monats-Minimum Jahr		509.68 2005	509.66 2005	509.54 2005	509.49 2005	509.52 2005	509.54 2005	509.57 2005	508.12- 2001	509.77 2005	510.00+ 2004	509.95 2004	509.75 2004	m ü.M.
Monats-Amplitude Jahr		0.30 2005	0.27 2003	0.26 2000	0.40 2001	0.36 2002	0.25 2004	0.18- 2000	3.16+ 2001	0.33 2005	0.26 2000	0.28 2000	0.39 1999	m
Periode		Mittel: 510.60		Spitze: 511.43 (03.02.2003)				Minimum: 508.12 (24.08.2001)			Amplitude: 3.31			

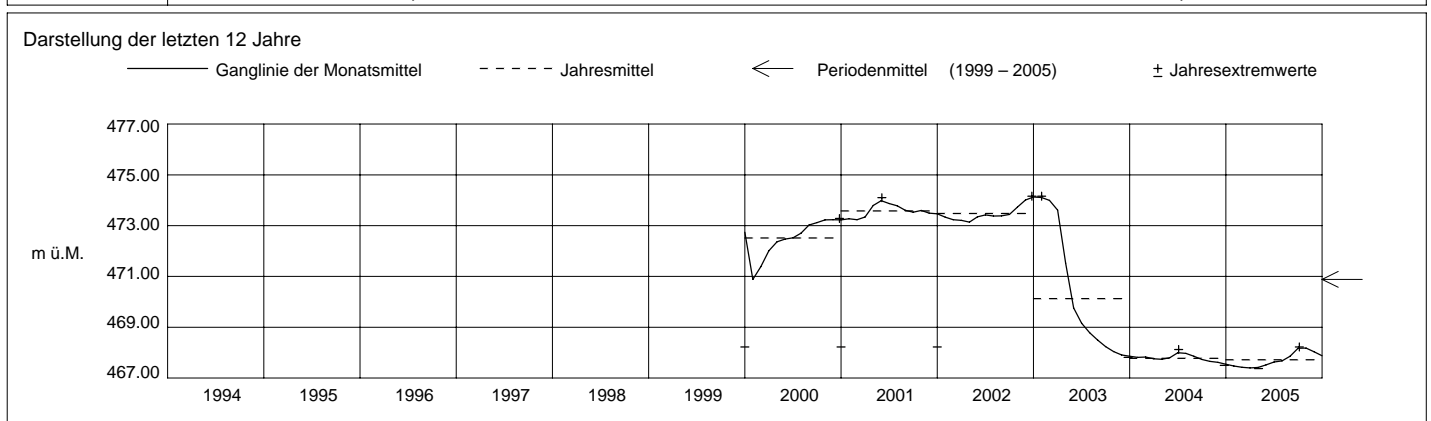


Grundwasserstände **Nr. 1315 Baar - Rüteliwald (Filterbrunnen)** **KANTON ZUG**
 Koordinaten: 681'835 / 228'950 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 502.33 m ü.M. OK Terrain: m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	467.50+	467.44	467.41+	467.38-	467.47-	467.58-	467.65	467.69-	468.06-	468.19	468.11+	467.95+	1	
		2	467.50+	467.45+	467.41+	467.38-	467.47-	467.58-	467.64-	467.69-	468.12	468.19	468.10	467.95+	2	
		3	467.50+	467.44	467.41+	467.38-	467.47-	467.58-	467.65	467.70	468.13	468.19	468.10	467.94	3	
		4	467.50+	467.43	467.41+	467.38-	467.48	467.59	467.65	467.71	468.14	468.19	468.09	467.94	4	
		5	467.49	467.43	467.41+	467.38-	467.48	467.59	467.65	467.72	468.09	468.19	468.08	467.93	5	
		6	467.49	467.43	467.40	467.38-	467.48	467.59	467.66	467.73	468.10	468.19	468.08	467.93	6	
		7	467.49	467.43	467.41+	467.38-	467.49	467.60	467.66	467.74	468.09	468.20	468.07	467.92	7	
		8	467.49	467.43	467.41+	467.42	467.49	467.60	467.66	467.76	468.10	468.20	468.07	467.91	8	
		9	467.48	467.43	467.41+	467.39	467.49	467.60	467.66	467.77	468.10	468.20	468.06	467.90	9	
		10	467.48	467.43	467.41+	467.39	467.50	467.61	467.67	467.78	468.11	468.21+	468.05	467.89	10	
	m ü.M.	11	467.48	467.42	467.40	467.39	467.50	467.61	467.67	467.79	468.13	468.21+	468.05	467.89	11	
		12	467.48	467.42	467.40	467.40	467.50	467.62	467.68	467.81	468.15	468.21+	468.05	467.89	12	
		13	467.47	467.42	467.40	467.40	467.51	467.62	467.68	467.82	468.17	468.20	468.04	467.88	13	
		14	467.47	467.42	467.40	467.40	467.51	467.62	467.68	467.83	468.18	468.19	468.04	467.88	14	
		15	467.47	467.42	467.40	467.41	467.52	467.63	467.68	467.84	468.20	468.19	468.04	467.88	15	
		16	467.47	467.42	467.40	467.41	467.52	467.63	467.68	467.86	468.22+	468.19	468.04	467.88	16	
		17	467.47	467.42	467.40	467.42	467.52	467.63	467.69	467.87	468.21	468.19	468.02	467.87	17	
		18	467.47	467.42	467.40	467.42	467.53	467.64	467.69	467.88	468.21	468.18	468.02	467.86	18	
		19	467.46	467.42	467.40	467.42	467.53	467.64	467.68	467.89	468.22+	468.18	468.01	467.86	19	
		20	467.46	467.42	467.40	467.43	467.53	467.64	467.68	467.90	468.22+	468.18	468.00	467.85	20	
	+ Maximum	21	467.46	467.42	467.40	467.43	467.54	467.65	467.69	467.92	468.22+	468.18	468.00	467.85	21	
		22	467.46	467.42	467.40	467.43	467.54	467.64	467.69	467.93	468.22+	468.17	467.99	467.84	22	
		23	467.46	467.41-	467.40	467.44	467.54	467.71+	467.69	467.94	468.22+	468.16	467.99	467.84	23	
		24	467.45-	467.41-	467.39	467.44	467.55	467.69	467.69	467.95	468.22+	468.15	467.99	467.84	24	
		25	467.45-	467.41-	467.39	467.44	467.55	467.69	467.69	467.97	468.22+	468.15	468.00	467.83	25	
		- Minimum	26	467.45-	467.41-	467.39	467.45	467.55	467.69	467.69	467.98	468.21	468.14	467.99	467.83	26
			27	467.45-	467.41-	467.39	467.45	467.56	467.67	467.70+	467.99	468.21	468.14	467.98	467.83	27
			28	467.45-	467.41-	467.38-	467.45	467.56	467.67	467.69	468.00	468.20	468.13	467.97	467.82	28
			29	467.45-		467.38-	467.46+	467.57+	467.66	467.69	468.01	468.20	468.13	467.97	467.82	29
			30	467.46		467.38-	467.46+	467.57+	467.66	467.69	468.03	468.19	468.12-	467.95-	467.82	30
			31	467.45-		467.38-	467.46+	467.57+	467.66	467.68	468.04+		468.12-		467.81-	31
Monatsmittel		467.47	467.42	467.40-	467.41	467.52	467.63	467.68	467.86	468.17	468.18+	468.03	467.87	m ü.M.		
Spitze Datum		3.	1.	7.	8.	31.	23.	25.	31.	16.	10.	1.	2.	m ü.M.		
Amplitude		0.07	0.04-	0.04-	0.15	0.11	0.22	0.08	0.38+	0.17	0.09	0.16	0.15	m		
Jahr		Mittel: 467.72			Spitze: 468.22 (16.09.2005)			Minimum: 467.37 (03.04.2005)			Amplitude: 0.85					

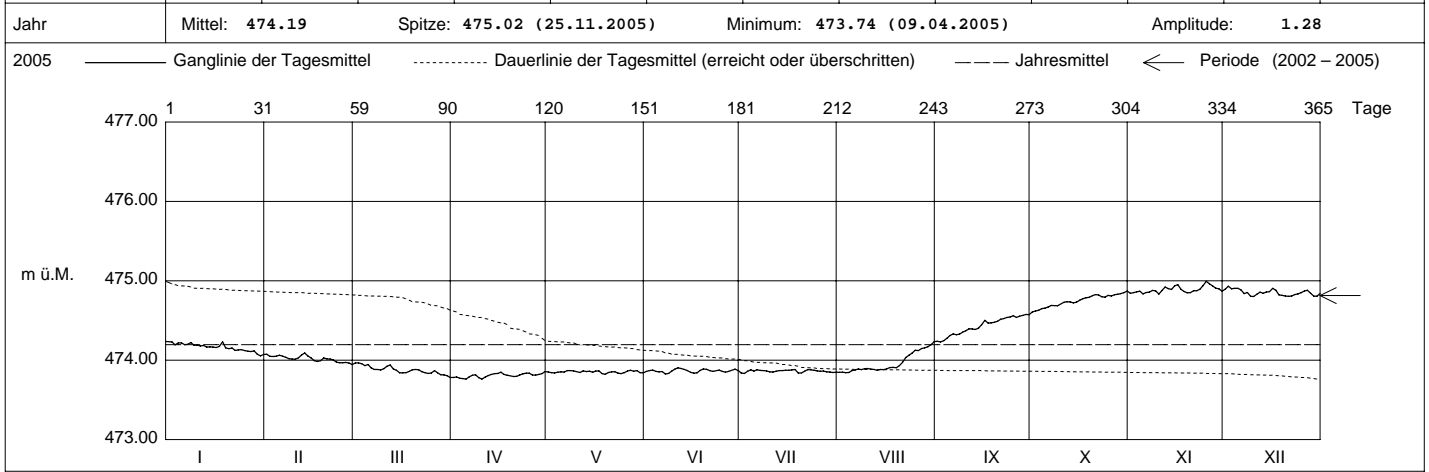


Periode		1999 - 2005 (7 Jahre)												
Monatsmittel		471.15	471.16	471.22+	470.99	470.81	470.77	470.72	470.70-	470.70-	470.74	470.71	470.93	m ü.M.
Monats-Spitze Jahr		474.16+ 2003	474.06 2003	473.94 2003	474.08 2001	474.10 2001	473.92 2001	473.86 2001	473.71 2001	473.65- 2001	473.82 2002	474.15 2002	474.16+ 2004	m ü.M.
Monats-Minimum Jahr		467.44 2005	467.41 2005	467.38 2005	467.37- 2005	467.46 2005	467.57 2005	467.62 2005	467.66 2005	467.68+ 2004	467.63 2004	467.58 2004	467.50 2004	m ü.M.
Monats-Amplitude Jahr		1.14 2000	0.71 2000	0.87 2003	2.82+ 2003	0.85 2003	0.46 2003	0.37 2000	0.38 2005	0.27 2002	0.20- 2002	0.36 2002	1.75 1999	m
Periode		Mittel: 470.88			Spitze: 474.16 (02.12.2002)			Minimum: 467.37 (03.04.2005)			Amplitude: 6.79			

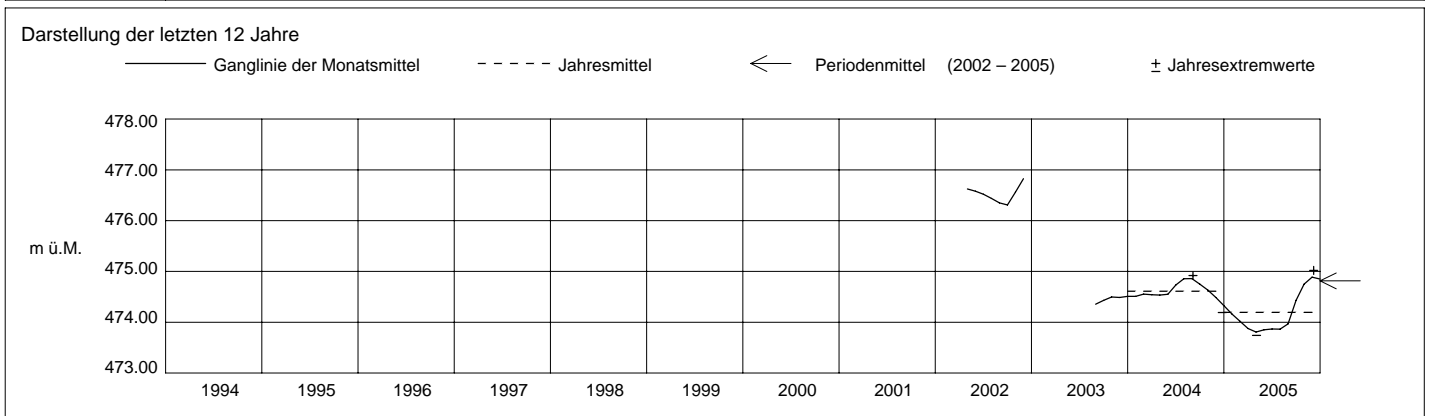


Grundwasserstände **Nr. 1316 Baar, Blickensdorf - Banäbi / Banrain** **KANTON ZUG**
 Koordinaten: 680'749.90 / 228'703.52 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 506.78 m ü.M. OK Terrain: 506.835 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	474.24+	474.08	473.97+	473.78	473.85	473.86	473.84	473.85	474.24	474.61-	474.84	474.90	1
		2	474.23	474.05	473.97+	473.79	473.84	473.87	473.83-	473.85	474.23-	474.62	474.85	474.93+	2
		3	474.19	474.05	473.95	473.77	473.84	473.88	473.86	473.84-	474.25	474.63	474.86	474.90	3
		4	474.22	474.05	473.93	473.77	473.85	473.86	473.88+	473.85	474.28	474.65	474.87	474.90	4
		5	474.22	474.06	473.95	473.76-	473.85	473.85	473.86	473.87	474.31	474.66	474.84	474.91	5
		6	474.20	474.05	473.90	473.79	473.85	473.86	473.88+	473.88	474.33	474.67	474.85	474.88	6
		7	474.20	474.04	473.88	473.81	473.87+	473.83-	473.87	473.89	474.32	474.69	474.86	474.84	7
		8	474.22	474.02	473.88	473.82	473.87+	473.83-	473.87	473.88	474.33	474.69	474.86	474.85	8
		9	474.19	474.01	473.88	473.78	473.87+	473.86	473.86	473.89	474.35	474.69	474.87	474.80-	9
		10	474.19	474.01	473.89	473.76-	473.85	473.89	473.85	473.90	474.37	474.71	474.83-	474.80-	10
	m ü.M.	11	474.18	474.03	473.92	473.79	473.84	473.90+	473.85	473.89	474.40	474.73	474.88	474.83	11
		12	474.18	474.07	473.94	473.81	473.86	473.90+	473.86	473.88	474.39	474.74	474.92	474.86	12
		13	474.17	474.09+	473.89	473.82	473.86	473.88	473.87	473.87	474.39	474.73	474.90	474.84	13
		14	474.17	474.05	473.87	473.83	473.86	473.87	473.87	473.88	474.40	474.72	474.89	474.86	14
		15	474.17	474.03	473.84	473.83	473.85	473.85	473.87	473.88	474.45	474.73	474.94	474.86	15
		16	474.16	473.99	473.84	473.85	473.86	473.84	473.87	473.89	474.50	474.76	474.95	474.91	16
		17	474.17	473.98	473.84	473.82	473.86	473.84	473.88+	473.91	474.47	474.78	474.89	474.88	17
		18	474.23	473.99	473.86	473.81	473.83	473.87	473.88+	473.91	474.47	474.79	474.87	474.82	18
		19	474.15	474.03	473.88	473.80	473.82-	473.89	473.84	473.91	474.48	474.79	474.85	474.82	19
		20	474.15	474.02	473.88	473.79	473.84	473.89	473.84	473.93	474.49	474.81	474.85	474.81	20
		+ Maximum - Minimum	21	474.15	474.01	473.88	473.80	473.85	473.87	473.86	473.97	474.52	474.83	474.87	474.80-
	22		474.12	474.00	473.86	473.81	473.85	473.86	473.88+	474.03	474.52	474.82	474.88	474.81	22
	23		474.13	473.98	473.84	473.83	473.84	473.87	473.88+	474.06	474.54	474.80	474.89	474.83	23
	24		474.13	473.97	473.83	473.84	473.83	473.88	473.87	474.09	474.54	474.80	474.94	474.83	24
	25		474.12	473.97	473.84	473.84	473.84	473.86	473.86	474.12	474.56	474.82	474.99+	474.85	25
	26		474.11	473.97	473.87	473.81	473.86	473.85	473.86	474.12	474.54	474.81	474.96	474.87	26
	27		474.11	473.96	473.84	473.81	473.87+	473.86	473.86	474.15	474.55	474.83	474.94	474.88	27
	28		474.12	473.94-	473.82	473.82	473.86	473.87	473.85	474.16	474.57	474.83	474.91	474.84	28
	29		474.07		473.81	473.83	473.87+	473.89	473.85	474.17	474.58+	474.84	474.90	474.81	29
	30		474.05-		473.80	473.86+	473.84	473.87	473.85	474.20	474.57	474.85	474.87	474.81	30
	31		474.07		473.78-		473.84		473.85	474.23+		474.87+		474.84	31
Monatsmittel		474.16	474.02	473.88	473.81-	473.85	473.87	473.86	473.97	474.43	474.75	474.89+	474.85	m ü.M.	
Spitze Datum		474.27 18.	474.12 13.	473.97 1.	473.87- 16.	473.89 27.	473.91 11.	473.90 18.	474.25 31.	474.58 28.	474.89 31.	475.02+ 25.	474.95 2.	m ü.M.	
Amplitude		0.22	0.19	0.20	0.13	0.08-	0.10	0.08-	0.42+	0.36	0.31	0.20	0.16	m	
Jahr		Mittel: 474.19			Spitze: 475.02 (25.11.2005)			Minimum: 473.74 (09.04.2005)			Amplitude: 1.28				

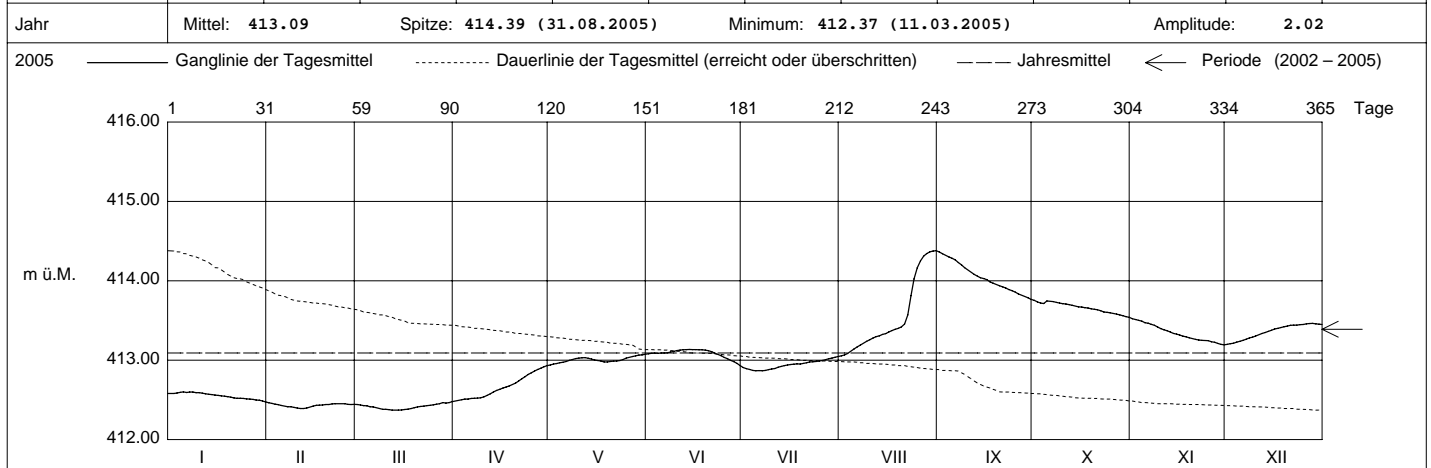


Periode 2002 - 2005 (4 Jahre)														
Monatsmittel	474.34	474.29	474.21-	474.61	474.99	475.04	475.05	474.90	474.98	475.11+	474.90	474.56	m ü.M.	
Monats-Spitze Jahr	474.61 2004	474.63 2004	474.58- 2004	476.68 2002	476.66 2002	476.63 2002	476.54 2002	476.38 2002	476.39 2002	476.73 2002	476.96+ 2002	474.95	m ü.M.	
Monats-Minimum Jahr	474.05 2005	473.93 2005	473.77 2005	473.74- 2005	473.81 2005	473.81 2005	473.82 2005	473.83 2005	474.22 2005	474.44+ 2003	474.40 2003	474.19 2004	m ü.M.	
Monats-Amplitude Jahr	0.22 2005	0.19 2005	0.20 2005	0.16- 2004	0.16- 2002	0.29 2004	0.17 2002	0.17 2005	0.42+ 2005	0.36 2005	0.34 2002	0.27 2002	0.25 2004	m
Periode		Mittel: 474.81			Spitze: 476.96 (13.11.2002)			Minimum: 473.74 (09.04.2005)			Amplitude: 3.22			

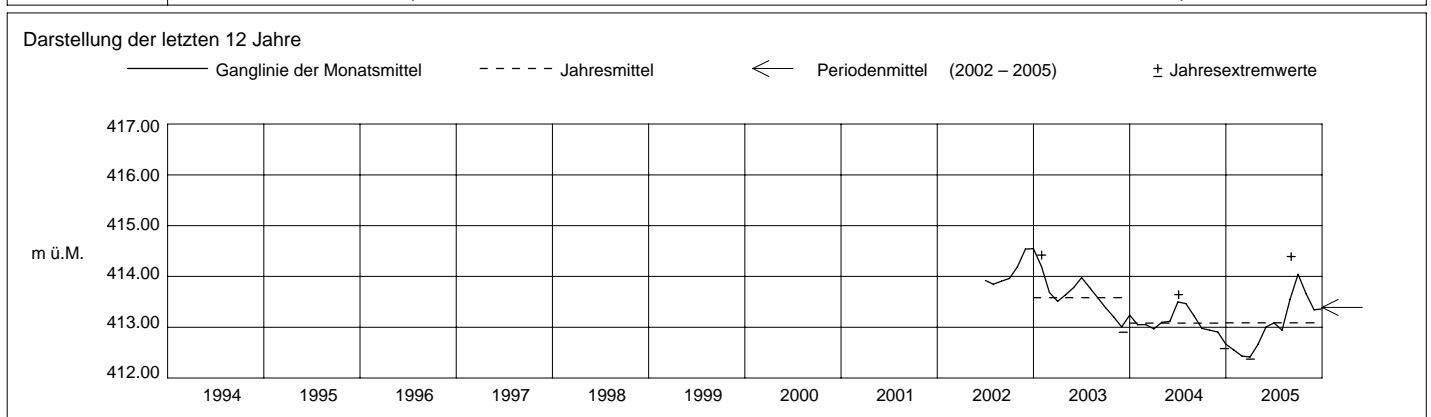


Grundwasserstände **Nr. 5013 Zug - Oberwil - Trubikon** **KANTON ZUG**
 Koordinaten: 681'087 / 221'704 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 431.24 m ü.M. OK Terrain: 430.46 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	412.58	412.46+	412.44	412.49-	412.94-	413.08	412.91	413.06-	414.36+	413.75+	413.52+	413.20-	1	
		2	412.58	412.46+	412.43	412.49-	412.95	413.09	412.89	413.07	414.34	413.73	413.51	413.21	2	
		3	412.59	412.45	412.43	412.50	412.96	413.09	412.88	413.08	414.32	413.72	413.50	413.21	3	
		4	412.60+	412.44	412.42	412.51	412.97	413.09	412.87-	413.11	414.30	413.71	413.49	413.23	4	
		5	412.60+	412.43	412.41	412.51	412.97	413.09	412.87-	413.14	414.29	413.75+	413.47	413.24	5	
		6	412.59	412.42	412.41	412.52	412.98	413.09	412.87-	413.17	414.26	413.74	413.47	413.25	6	
		7	412.60+	412.41	412.40	412.52	413.00	413.09	412.87-	413.19	414.23	413.74	413.45	413.26	7	
		8	412.60+	412.41	412.39	412.52	413.01	413.10	412.87-	413.21	414.20	413.73	413.44	413.28	8	
		9	412.59	412.40	412.38	412.53	413.02	413.11	412.88	413.24	414.17	413.72	413.42	413.29	9	
		10	412.59	412.40	412.38	412.54	413.03	413.12	412.89	413.26	414.14	413.71	413.40	413.30	10	
	m ü.M.	11	412.59	412.39-	412.38	412.56	413.03	413.13	412.90	413.28	414.11	413.71	413.38	413.32	11	
		12	412.58	412.39-	412.37-	412.58	413.03	413.13	412.91	413.28	414.08	413.70	413.37	413.34	12	
		13	412.57	412.40	412.37-	412.60	413.02	413.13	412.92	413.31	414.06	413.69	413.36	413.35	13	
		14	412.57	412.41	412.37-	412.62	413.01	413.14+	412.93	413.32	414.04	413.68	413.34	413.36	14	
		15	412.56	412.42	412.37-	412.63	413.00	413.13	412.94	413.33	414.03	413.67	413.33	413.38	15	
		16	412.56	412.43	412.38	412.65	413.00	413.13	412.94	413.35	414.01	413.67	413.32	413.39	16	
		17	412.55	412.43	412.38	412.66	412.99	413.13	412.95	413.37	413.99	413.66	413.30	413.40	17	
		18	412.55	412.44	412.39	412.68	412.98	413.13	412.95	413.39	413.97	413.66	413.29	413.41	18	
		19	412.54	412.44	412.40	412.69	412.98	413.13	412.95	413.40	413.95	413.65	413.28	413.42	19	
		20	412.53	412.44	412.41	412.71	412.98	413.12	412.96	413.42	413.94	413.64	413.27	413.43	20	
	+ Maximum	21	412.52	412.45	412.42	412.74	412.99	413.11	412.97	413.46	413.92	413.64	413.26	413.44	21	
		22	412.52	412.45	412.42	412.77	412.99	413.09	412.98	413.57	413.91	413.62	413.25	413.44	22	
		23	412.52	412.45	412.43	412.79	413.00	413.07	412.98	413.81	413.89	413.61	413.25	413.44	23	
		24	412.52	412.45	412.43	412.82	413.01	413.06	412.98	414.02	413.88	413.60	413.25	413.45	24	
		25	412.51	412.45	412.44	412.84	413.03	413.03	412.99	414.16	413.86	413.60	413.25	413.45	25	
		- Minimum	26	412.51	412.44	412.45	412.86	413.04	413.02	413.00	414.25	413.83	413.59	413.23	413.46+	26
			27	412.51	412.44	412.45	412.88	413.05	413.00	413.01	414.31	413.82	413.58	413.23	413.46+	27
			28	412.50	412.44	412.46	412.90	413.05	412.98	413.02	414.34	413.80	413.57	413.21	413.46+	28
			29	412.50		412.46	412.92	413.06	412.96	413.03	414.37	413.79	413.56	413.20	413.46+	29
			30	412.49		412.47	412.93+	413.07+	412.93-	413.04	414.38+	413.77-	413.55	413.19-	413.45	30
			31	412.47-		412.48+		413.07+		413.05+	414.38+		413.54-		413.45	31
Monatsmittel		412.55	412.43	412.41-	412.66	413.01	413.08	412.94	413.55	414.04+	413.66	413.34	413.36	m ü.M.		
Spitze Datum		412.60 4.	412.47- 1.	412.48 31.	412.94 30.	413.08 31.	413.14 12.	413.05 31.	414.39+ 31.	414.37 1.	413.76 1.	413.53 1.	413.47 27.	m ü.M.		
Amplitude		0.13	0.08-	0.11	0.46	0.14	0.22	0.19	1.34+	0.61	0.23	0.34	0.28	m		
Jahr		Mittel: 413.09			Spitze: 414.39 (31.08.2005)			Minimum: 412.37 (11.03.2005)			Amplitude: 2.02					



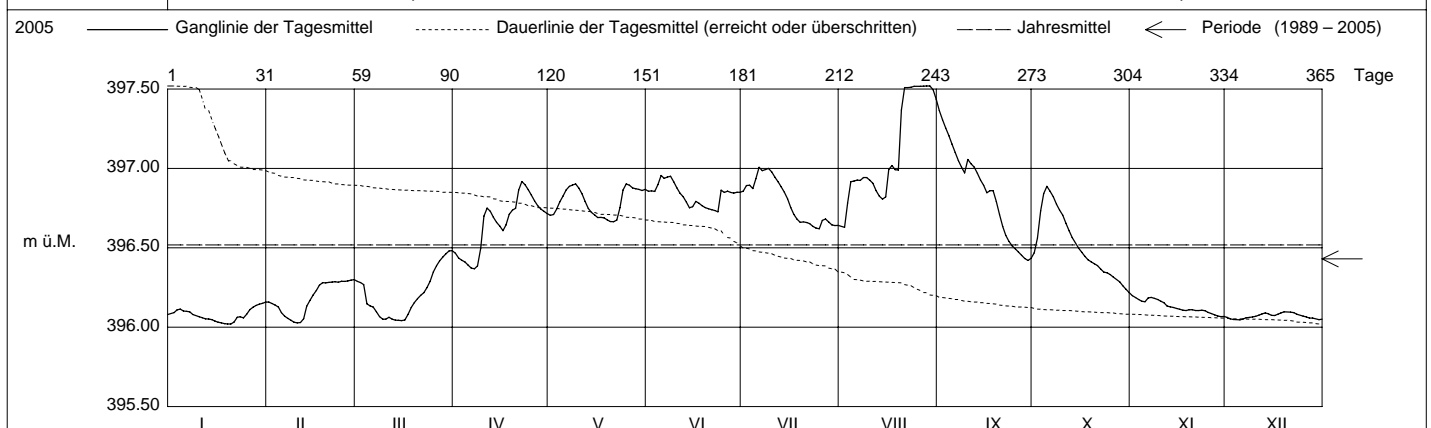
Periode		2002 - 2005 (4 Jahre)												
Monatsmittel		413.27	413.05	412.96-	413.13	413.30	413.59+	413.51	413.57	413.59+	413.50	413.45	413.45	m ü.M.
Monats-Spitze Jahr		414.42 2003	413.90 2003	413.59- 2003	413.71 2003	413.90 2003	414.06 2003	413.92 2002	414.39 2005	414.37 2005	414.34 2002	414.73+ 2002	414.71 2001	m ü.M.
Monats-Minimum Jahr		412.47 2005	412.39 2005	412.37- 2005	412.48 2005	412.94 2005	412.92 2005	412.86 2005	413.05+ 2005	412.88 2004	412.91 2004	412.80 2004	412.58 2004	m ü.M.
Monats-Amplitude Jahr		0.52 2003	0.43 2003	0.17- 2003	0.46 2005	0.20 2003	0.53 2004	0.22 2003	1.34+ 2005	0.61 2005	0.36 2003	0.41 2002	0.31 2002	m
Periode		Mittel: 413.39			Spitze: 414.73 (24.11.2002)			Minimum: 412.37 (11.03.2005)			Amplitude: 2.36			



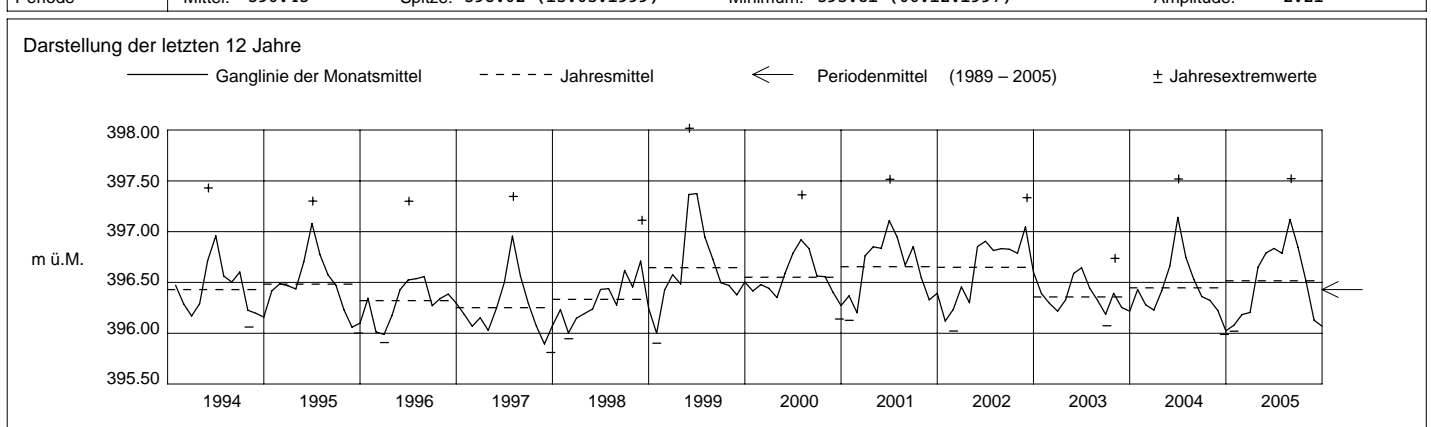
Grundwasserstände **Nr. 3104 Hünenberg - Drälikon (Reussdamm)** **KANTON ZUG**
 Koordinaten: 673'538 / 225'475 **Amt für Umweltschutz**
 Drucksonde / R16 **Abstichpunkt: 400.005 m ü.M. OK Terrain: 398.86 m ü.M.**

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	396.08	396.16	396.29	396.47	396.70	396.86	396.86	396.64	397.36+	396.47	396.20+	396.06	1
	2	396.09	396.15	396.28	396.44	396.71	396.86	396.89	396.63-	397.31	396.56	396.19	396.05-	2
	3	396.11	396.14	396.27	396.42	396.74	396.85	396.89	396.78	397.25	396.73	396.17	396.05-	3
	4	396.11	396.13	396.15	396.41	396.79	396.90	396.87	396.92	397.21	396.84	396.16	396.05-	4
	5	396.10	396.09	396.13	396.39	396.83	396.96+	396.94	396.92	397.15	396.89+	396.16	396.05-	5
	6	396.10	396.07	396.13	396.37-	396.86	396.94	397.01+	396.93	397.10	396.86	396.18	396.05-	6
	7	396.10	396.06	396.10	396.37-	396.89	396.95	396.99	396.92	397.05	396.82	396.19	396.06	7
	8	396.08	396.04	396.07	396.39	396.90+	396.95	396.99	396.94	397.01	396.77	396.18	396.06	8
	9	396.07	396.03-	396.05	396.50	396.90+	396.92	397.00	396.94	396.97	396.74	396.17	396.06	9
	10	396.07	396.03-	396.05	396.70	396.88	396.88	396.98	396.93	397.06	396.71	396.16	396.07	10
m ü.M.	11	396.06	396.03-	396.06	396.75	396.84	396.84	396.94	396.91	397.03	396.65	396.15	396.08	11
	12	396.05	396.05	396.05	396.73	396.79	396.82	396.92	396.86	397.01	396.61	396.13	396.08	12
	13	396.05	396.13	396.04-	396.69	396.75	396.79	396.88	396.83	396.97	396.56	396.13	396.09	13
	14	396.05	396.17	396.04-	396.66	396.72	396.75	396.85	396.81	396.93	396.53	396.12	396.08	14
	15	396.04	396.20	396.04-	396.64	396.71	396.76	396.81	396.82	396.89	396.50	396.12	396.07	15
	16	396.03	396.23	396.05	396.61	396.69	396.79	396.75	396.99	396.85	396.47	396.11	396.07	16
	17	396.03	396.26	396.08	396.64	396.69	396.78	396.71	397.02	396.86	396.45	396.11	396.08	17
	18	396.02-	396.28	396.12	396.71	396.69	396.77	396.68	396.99	396.86	396.42	396.10	396.09	18
	19	396.02-	396.28	396.15	396.74	396.68	396.75	396.66	396.99	396.79	396.41	396.11	396.10+	19
	20	396.02-	396.28	396.18	396.75	396.67	396.75	396.66	397.37	396.71	396.40	396.11	396.10+	20
+ Maximum	21	396.03	396.28	396.20	396.86	396.66-	396.74	396.66	397.51	396.63	396.39	396.11	396.09	21
	22	396.06	396.29	396.22	396.92+	396.67	396.74	396.65	397.51	396.58	396.37	396.10	396.09	22
	23	396.07	396.28	396.25	396.90	396.75	396.73-	396.64	397.51	396.54	396.35	396.11	396.08	23
	24	396.06	396.29	396.29	396.87	396.86	396.86	396.62-	397.52+	396.51	396.34	396.10	396.08	24
	25	396.08	396.29	396.35	396.83	396.90+	396.85	396.62-	397.52+	396.49	396.33	396.09	396.07	25
	26	396.11	396.29	396.39	396.80	396.89	396.86	396.67	397.52+	396.47	396.32	396.09	396.06	26
	27	396.13	396.30+	396.42	396.77	396.88	396.85	396.68	397.52+	396.45	396.30	396.08	396.06	27
	28	396.14	396.30+	396.44	396.74	396.87	396.85	396.66	397.52+	396.43	396.29	396.07-	396.06	28
	29	396.15		396.46	396.73	396.87	396.85	396.64	397.52+	396.42-	396.26	396.07-	396.05-	29
	30	396.15		396.48+	396.72	396.86	396.85	396.64	397.50	396.43	396.24	396.07-	396.05-	30
31	396.16+		396.48+		396.87		396.64	397.43		396.22-		396.05-	31	
Monatsmittel		396.08	396.18	396.20	396.65	396.79	396.83	396.79	397.12+	396.84	396.51	396.13	396.07-	m ü.M.
Spitze Datum		31.	28.	31.	22.	25.	7.	6.	24.	1.	5.	1.	20.	m ü.M.
Amplitude		0.14	0.28	0.45	0.56	0.25	0.24	0.40	0.90	0.98+	0.68	0.14	0.05-	m

Jahr Mittel: 396.52 Spitze: 397.52 (24.08.2005) Minimum: 396.02 (19.01.2005) Amplitude: 1.50

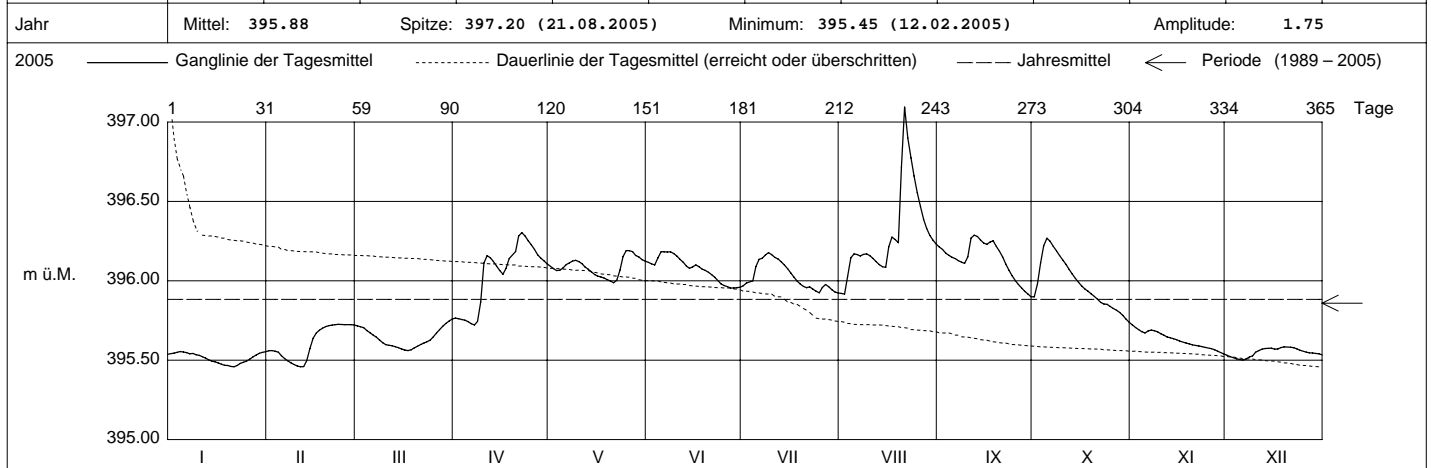


Periode 1989 - 2005 (17 Jahre)													
Monatsmittel	396.23	396.18-	396.26	396.35	396.61	396.77+	396.73	396.58	396.47	396.37	396.35	396.24	m ü.M.
Monats-Spitze Jahr	396.88-2000	397.22-1999	397.19-2001	397.12-2001	398.02+-1999	397.60-1999	397.36-2000	397.52-2005	397.40-2005	397.03-2002	397.33-2003	397.03-1999	m ü.M.
Monats-Minimum Jahr	395.83-1990	395.82-1990	395.84-1993	395.94-1997	396.10-1997	396.12-1998	396.28+-1996	396.06-1991	395.91-1991	395.92-1991	395.82-1997	395.81-1997	m ü.M.
Monats-Amplitude Jahr	0.86-1996	1.14-1999	1.03-2001	0.56-2005	1.35+-1999	0.94-1996	0.76-1993	0.90-2005	0.98-2005	0.68-2005	0.84-2002	0.92-1992	m
Periode	Mittel: 396.43		Spitze: 398.02 (15.05.1999)				Minimum: 395.81 (06.12.1997)				Amplitude: 2.21		

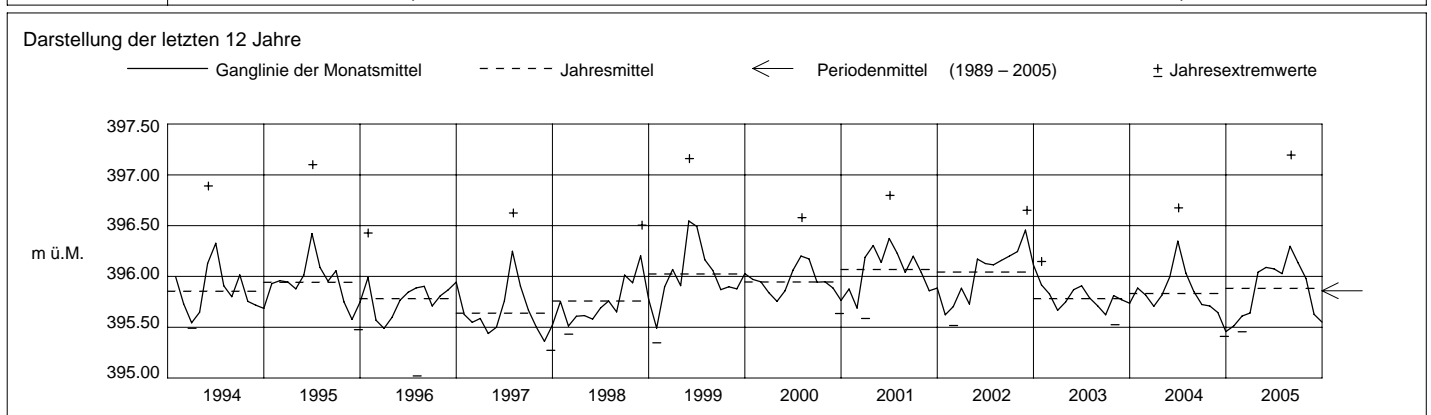


Grundwasserstände	Nr. 3161 Hünenberg - Drälikon	KANTON ZUG
	Koordinaten: 673'698 / 225'948	Amt für Umweltschutz
Drucksonde / R16	Abstichpunkt: 398.57 m ü.M. OK Terrain: 398.13 m ü.M.	

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember					
Tagesmittel	1	395.54	395.56	395.72	395.77	396.09	396.12	395.97	395.92-	396.21	395.90	395.72+	395.53	1				
	2	395.54	395.56	395.71	395.76	396.08	396.11	395.99	395.92-	396.20	395.98	395.71	395.52	2				
	3	395.55+	395.56	395.70	395.76	396.07	396.10	395.99	396.03	396.17	396.12	395.69	395.52	3				
	4	395.55+	395.55	395.69	395.75	396.07	396.14	396.00	396.14	396.16	396.22	395.68	395.51	4				
	5	395.55+	395.53	395.67	395.74	396.08	396.18+	396.09	396.17	396.15	396.27+	395.67	395.50-	5				
	6	395.55+	395.51	395.66	395.73	396.10	396.18+	396.13	396.17	396.14	396.25	395.68	395.50-	6				
	7	395.54	395.50	395.65	395.72-	396.11	396.18+	396.14	396.16	396.13	396.22	395.69	395.51	7				
	8	395.54	395.48	395.63	395.74	396.12	396.18+	396.16	396.17	396.12	396.19	395.69	395.52	8				
	9	395.53	395.47	395.61	395.87	396.13	396.17	396.18+	396.17	396.11	396.16	395.68	395.53	9				
	10	395.53	395.46-	395.60	396.11	396.12	396.16	396.16	396.16	396.15	396.13	395.67	395.55	10				
m ü.M.	11	395.52	395.46-	395.59	396.16	396.11	396.14	396.15	396.14	396.27	396.10	395.66	395.56	11				
	12	395.51	395.46-	395.59	396.15	396.09	396.12	396.14	396.12	396.29+	396.07	395.65	395.57	12				
	13	395.50	395.50	395.58	396.12	396.07	396.09	396.12	396.10	396.28	396.04	395.64	395.57	13				
	14	395.49	395.57	395.58	396.09	396.06	396.08	396.10	396.09	396.26	396.02	395.64	395.57	14				
	15	395.49	395.64	395.57	396.06	396.04	396.09	396.08	396.08	396.24	395.99	395.63	395.58+	15				
	16	395.48	395.67	395.56-	396.04	396.03	396.10	396.05	396.21	396.23	395.97	395.62	395.57	16				
	17	395.47	395.69	395.56-	396.08	396.02	396.09	396.02	396.28	396.24	395.95	395.61	395.57	17				
	18	395.47	395.70	395.57	396.14	396.02	396.07	396.00	396.26	396.25	395.93	395.61	395.58+	18				
	19	395.47	395.71	395.58	396.16	396.01	396.07	395.98	396.24	396.22	395.92	395.60	395.58+	19				
	20	395.46-	395.72	395.59	396.19	396.00	396.05	395.97	396.71	396.19	395.90	395.60	395.58+	20				
+ Maximum	21	395.46-	395.72	395.60	396.28	395.99-	396.04	395.96	397.09+	396.15	395.88	395.59	395.58+	21				
	22	395.47	395.72	395.61	396.30+	396.00	396.02	395.96	396.90	396.11	395.86	395.59	395.58+	22				
	23	395.48	395.73+	395.62	396.28	396.07	396.00	395.95	396.77	396.07	395.85	395.59	395.57	23				
	24	395.49	395.72	395.63	396.25	396.15	395.98	395.93	396.66	396.03	395.85	395.58	395.56	24				
	25	395.50	395.72	395.65	396.23	396.19+	395.97	395.92-	396.56	396.00	395.84	395.58	395.56	25				
	26	395.51	395.72	395.67	396.20	396.19+	395.96	395.96	396.47	395.98	395.83	395.57	395.55	26				
	27	395.52	395.72	395.69	396.16	396.18	395.95-	395.98	396.39	395.95	395.81	395.57	395.55	27				
	28	395.53	395.72	395.71	396.14	396.16	395.95-	395.96	396.33	395.93	395.80	395.56	395.54	28				
	29	395.54		395.73	396.13	396.15	395.96	395.94	396.29	395.92	395.78	395.55	395.54	29				
	30	395.55+		395.75	396.11	396.13	395.96	395.93	396.26	395.90-	395.76	395.54-	395.54	30				
31	395.55+		395.76+		396.12		395.92-	396.23		395.74-		395.53	31					
Monatsmittel		395.51-	395.61	395.64	396.04	396.09	396.07	396.03	396.30+	396.13	395.98	395.63	395.55	m ü.M.				
Spitze Datum		4.	26.	31.	22.	25.	5.	9.	21.	12.	5.	1.	20.	m ü.M.				
Amplitude		0.10	0.27	0.21	0.58	0.21	0.24	0.26	1.28+	0.40	0.54	0.20	0.09-	m				
Jahr	Mittel:	395.88					Spitze: 397.20 (21.08.2005)					Minimum: 395.45 (12.02.2005)					Amplitude:	1.75



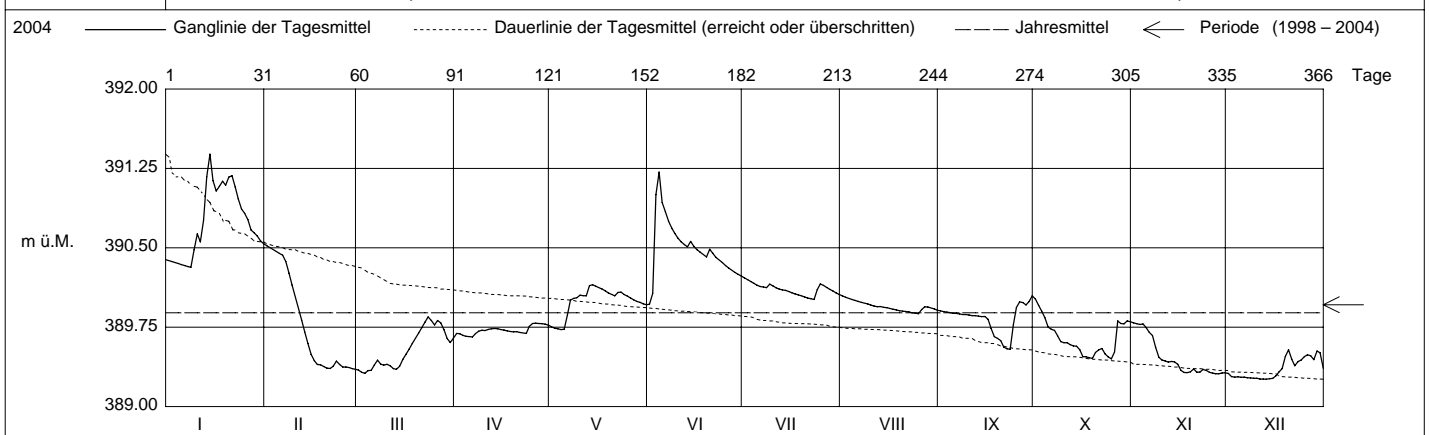
Periode 1989 - 2005 (17 Jahre)																		
Monatsmittel	395.76	395.69-	395.73	395.79	395.94	396.07+	396.07+	395.93	395.88	395.83	395.82	395.79	m ü.M.					
Monats-Spitze Jahr	396.54 1995	396.71 1995	396.62 1995	396.58 2001	397.16 1999	397.10 1995	397.06 1993	397.20+ 2005	396.57 2005	396.40- 2002	396.65 2002	396.64 1992	m ü.M.					
Monats-Minimum Jahr	395.35 1999	395.39 1990	395.32 1993	395.33 1997	395.40 1997	395.48+ 1998	395.02- 1996	395.17 1996	395.26 1991	395.39 1991	395.26 1991	395.27 1997	m ü.M.					
Monats-Amplitude Jahr	0.80 1996	1.08 1999	1.01 2001	0.79 1995	1.15 1999	1.08 1995	1.08 1996	1.28+ 2005	0.65- 2002	0.65- 1992	0.66 1998	1.10 1995	m					
Periode	Mittel:	395.86					Spitze: 397.20 (21.08.2005)					Minimum: 395.02 (30.07.1996)					Amplitude:	2.18



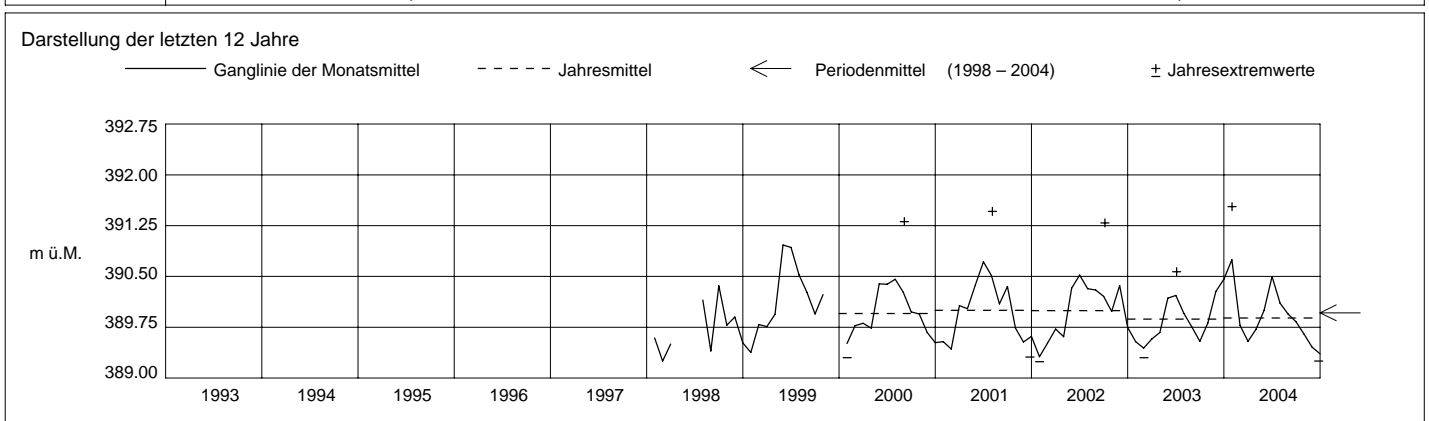
Grundwasserstände **Nr. 3202 Hünenberg - Hintere Stadelmatt / Reussdamm** **KANTON ZUG**
 Koordinaten: 672'596 / 230'359 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 393.45 m ü.M. OK Terrain: 383.59 m ü.M.**

2004		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	390.39	390.52+	389.34	389.69	389.75	389.97-	390.22+	390.04+	389.90	390.02+	389.79+	389.31	1
	2	390.37	390.50	389.32	389.69	389.74	390.07	390.20	390.03	389.90	389.96	389.78	389.28	2
	3	390.36	390.48	389.31-	389.67	389.73-	391.00	390.18	390.02	389.89	389.90	389.78	389.28	3
	4	390.35	390.47	389.34	389.66-	389.73-	391.21+	390.16	390.01	389.89	389.84	389.78	389.28	4
	5	390.34	390.45	389.34	389.66-	389.73-	390.93	390.15	390.00	389.88	389.75	389.75	389.28	5
m ü.M.	6	390.33	390.43	389.39	389.66-	389.87	390.84	390.13	389.99	389.88	389.73	389.70	389.28	6
	7	390.32	390.37	389.44	389.69	390.01	390.75	390.13	389.98	389.88	389.72	389.67	389.27	7
	8	390.31-	390.26	389.40	389.71	390.02	390.69	390.12	389.98	389.87	389.67	389.56	389.27	8
	9	390.48	390.15	389.39	389.72	390.03	390.64	390.16	389.97	389.87	389.61	389.47	389.27	9
	10	390.63	390.04	389.40	389.72	390.05	390.59	390.14	389.96	389.87	389.60	389.44	389.27	10
	11	390.56	389.93	389.39	389.73	390.05	390.56	390.12	389.95	389.86	389.60	389.43	389.26-	11
	12	390.76	389.82	389.36	389.74	390.05	390.53	390.11	389.94	389.86	389.59	389.42	389.26-	12
	13	391.17	389.71	389.35	389.74	390.14	390.51	390.10	389.94	389.85	389.57	389.43	389.26-	13
	14	391.38+	389.60	389.38	389.73	390.15+	390.56	390.10	389.94	389.85	389.57	389.42	389.26-	14
	15	391.14	389.49	389.45	389.73	390.14	390.51	390.09	389.93	389.85	389.54	389.40	389.27	15
	16	391.04	389.43	389.49	389.72	390.12	390.48	390.08	389.93	389.82	389.47	389.34	389.29	16
	17	391.08	389.40	389.54	389.71	390.11	390.46	390.07	389.92	389.74	389.47	389.32	389.33	17
	18	391.13	389.39	389.59	389.71	390.09	390.44	390.06	389.91	389.66	389.46	389.32	389.36	18
	19	391.09	389.38	389.65	389.71	390.07	390.41	390.05	389.91	389.64	389.46	389.33	389.47	19
	20	391.17	389.36	389.70	389.71	390.06	390.49	390.04	389.90	389.62	389.51	389.36	389.54+	20
	+ Maximum	21	391.18	389.36	389.75	389.70	390.05	390.45	390.03	389.90	389.56	389.54	389.32	389.45
22		391.07	389.38	389.80	389.70	390.08	390.41	390.02	389.89	389.55	389.55	389.33	389.39	22
23		390.96	389.43	389.85+	389.69	390.08	390.39	390.01-	389.89	389.54-	389.50	389.35	389.43	23
24		390.87	389.40	389.81	389.76	390.06	390.36	390.10	389.88-	389.77	389.47	389.34	389.44	24
25		390.83	389.37	389.77	389.78	390.04	390.33	390.16	389.88-	389.94	389.45-	389.32	389.47	25
26		390.77	389.37	389.81	389.79+	390.03	390.31	390.14	389.92	389.99	389.52	389.32	389.49	26
27		390.67	389.37	389.79	389.78	390.01	390.29	390.12	389.94	389.98	389.81	389.31-	389.48	27
28		390.64	389.36	389.73	389.78	389.99	390.27	390.11	389.94	389.96	389.79	389.31-	389.44	28
29		390.61	389.35-	389.64	389.78	389.98	390.25	390.09	389.93	389.99	389.78	389.32	389.53	29
30		390.56		389.61	389.77	389.97	390.23	390.07	389.92	390.05+	389.81	389.32	389.51	30
31		390.54		389.65		389.96		390.06	389.91		389.80		389.36	31
Monatsmittel		390.75+	389.78	389.54	389.72	390.00	390.50	390.11	389.94	389.83	389.65	389.46	389.36-	m ü.M.
Spitze Datum		391.53+ 13.	390.53 1.	389.87 23.	389.79- 27.	390.15 14.	391.40 3.	390.22 1.	390.05 1.	390.05 30.	390.05 1.	389.79- 1.	389.94 26.	m ü.M.
Amplitude		1.22	1.18	0.58	0.14-	0.44	1.45+	0.22	0.18	0.51	0.61	0.49	0.69	m

Jahr Mittel: 389.89 Spitze: 391.53 (13.01.2004) Minimum: 389.25 (13.12.2004) Amplitude: 2.28

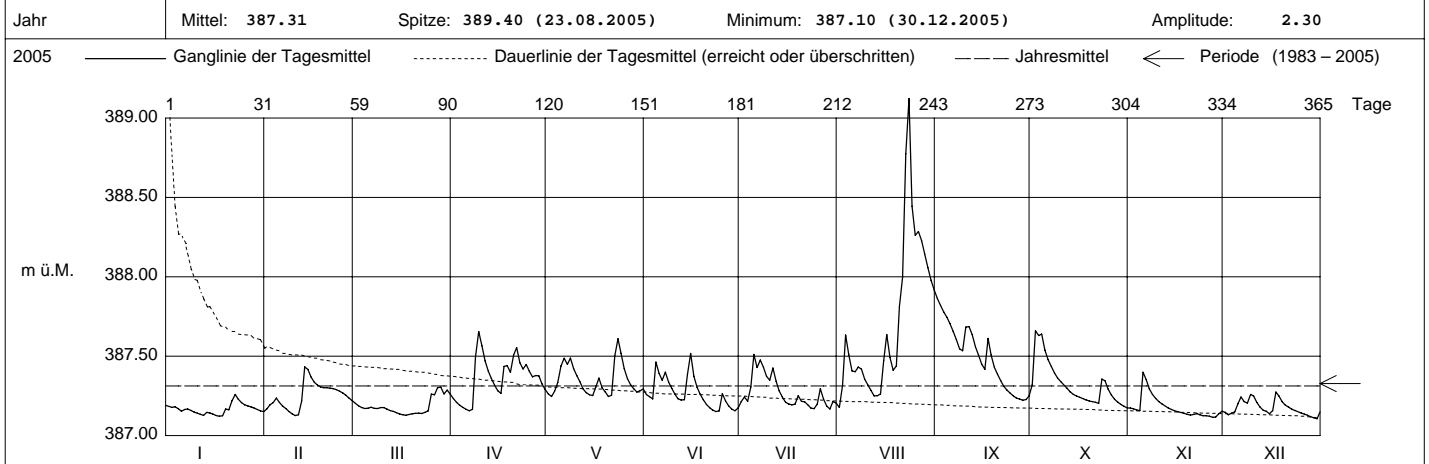


Periode		1998 - 2004 (7 Jahre)												
Monatsmittel		389.67	389.62-	389.74	389.78	390.37	390.54+	390.31	390.10	389.98	389.83	389.87	389.70	m ü.M.
Monats-Spitze Jahr		391.53 2004	390.56 1999	390.54 2001	390.73 2001	391.65+ 1999	391.40 1999	391.46 2001	391.31 2001	391.29 2002	390.49- 2003	391.02 2002	390.52 2003	m ü.M.
Monats-Minimum Jahr		389.24- 2002	389.25 1998	389.29 2004	389.45 2002	389.66 1998	389.85+ 2003	389.71 2003	389.40 1998	389.37 2003	389.44 2004	389.30 2004	389.25 2004	m ü.M.
Monats-Amplitude Jahr		1.22 2004	1.18 2004	1.02 2001	1.15 2001	1.38 1999	1.45 2004	1.33 2001	1.52 2002	1.70+ 2002	1.04 2003	1.40 2002	0.89- 2001	m
Periode		Mittel: 389.96		Spitze: 391.65 (14.05.1999)			Minimum: 389.24 (23.01.2002)			Amplitude: 2.41				

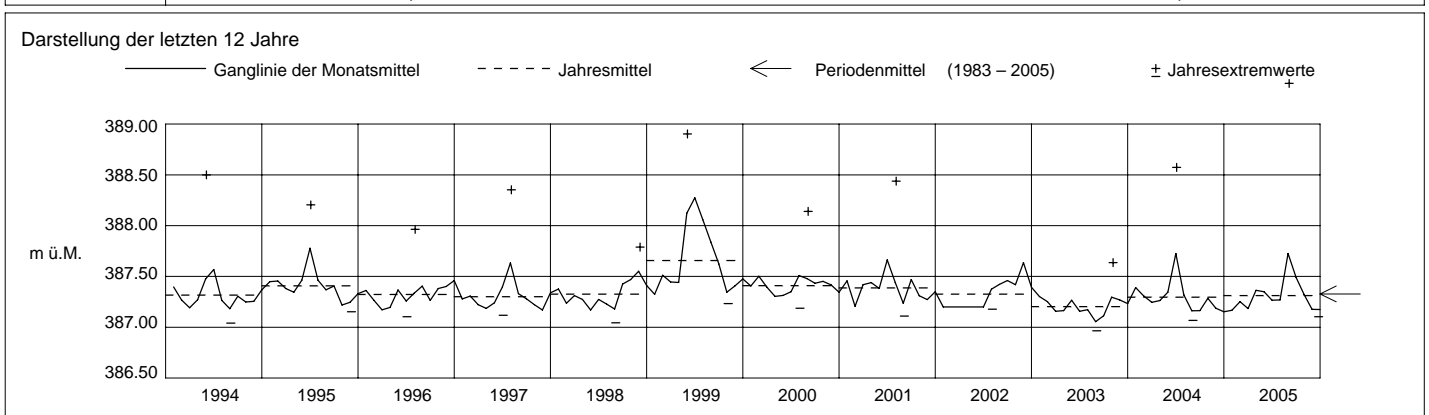


Grundwasserstände **Nr. 3215 Hünenberg - Reusspitz** **KANTON ZUG**
 Koordinaten: 673'688 / 231'941 **Amt für Umweltschutz**
 Orpheus **Abstichpunkt: 388.915 m ü.M. OK Terrain: 387.94 m ü.M.**

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	387.19	387.17	387.20	387.23	387.26	387.26	387.21	387.18-	387.86+	387.32	387.17	387.15	1
	2	387.18	387.19	387.19	387.21	387.25-	387.25	387.24	387.32	387.82	387.66+	387.17	387.13	2
	3	387.18	387.21	387.18	387.19	387.28	387.23	387.22	387.63	387.78	387.63	387.16	387.14	3
	4	387.17	387.24	387.17	387.18	387.33	387.46	387.31	387.51	387.74	387.64	387.16	387.15	4
	5	387.15	387.21	387.17	387.16-	387.44	387.39	387.51+	387.41	387.70	387.54	387.40+	387.20	5
	6	387.16	387.19	387.18	387.16-	387.49	387.35	387.43	387.40	387.66	387.48	387.35	387.24	6
	7	387.17	387.17	387.17	387.16-	387.45	387.40	387.48	387.43	387.60	387.43	387.29	387.21	7
	8	387.16	387.15	387.17	387.50	387.49	387.34	387.43	387.42	387.55	387.39	387.26	387.20	8
	9	387.15	387.14	387.18	387.65+	387.42	387.30	387.37	387.36	387.53	387.36	387.23	387.26	9
	10	387.14	387.13-	387.18	387.56	387.38	387.26	387.35	387.32	387.68	387.34	387.21	387.25	10
m ü.M.	11	387.13	387.13-	387.17	387.47	387.34	387.23	387.43	387.28	387.69	387.32	387.20	387.21	11
	12	387.13	387.22	387.16	387.40	387.29	387.22	387.34	387.25	387.63	387.30	387.19	387.18	12
	13	387.15	387.43+	387.15	387.36	387.27	387.23	387.28	387.25	387.56	387.28	387.17	387.16	13
	14	387.14	387.42	387.14	387.32	387.26	387.39	387.24	387.26	387.51	387.26	387.16	387.15	14
	15	387.13	387.37	387.14	387.28	387.25-	387.52+	387.21	387.47	387.45	387.25	387.16	387.14	15
	16	387.13	387.34	387.13-	387.27	387.30	387.37	387.20	387.64	387.42	387.24	387.15	387.16	16
	17	387.12-	387.32	387.13-	387.44	387.36	387.30	387.19	387.49	387.61	387.23	387.15	387.27+	17
	18	387.12-	387.31	387.13-	387.44	387.30	387.26	387.20	387.41	387.51	387.22	387.14	387.25	18
	19	387.17	387.30	387.14	387.40	387.27	387.23	387.25	387.44	387.43	387.22	387.13	387.21	19
	20	387.16	387.30	387.14	387.51	387.25-	387.20	387.22	387.81	387.39	387.21	387.13	387.19	20
+ Maximum	21	387.22	387.30	387.14	387.55	387.25-	387.17	387.21	388.00	387.35	387.21	387.13	387.18	21
	22	387.26+	387.30	387.14	387.46	387.50	387.16	387.19	388.78	387.31	387.20	387.14	387.17	22
	23	387.23	387.29	387.15	387.42	387.61+	387.15-	387.17-	389.12+	387.29	387.36	387.13	387.16	23
	24	387.21	387.28	387.15	387.45	387.52	387.15-	387.17-	388.45	387.27	387.34	387.12	387.15	24
	25	387.19	387.27	387.26	387.40	387.42	387.26	387.20	388.26	387.25	387.29	387.13	387.14	25
	26	387.19	387.25	387.26	387.37	387.36	387.22	387.30	388.29	387.24	387.26	387.12	387.14	26
	27	387.18	387.24	387.30	387.38	387.32	387.19	387.23	388.23	387.23	387.23	387.11-	387.13	27
	28	387.17	387.22	387.31+	387.38	387.29	387.17	387.19	388.14	387.22-	387.21	387.12	387.12	28
	29	387.16		387.26	387.33	387.27	387.16	387.17-	388.06	387.23	387.20	387.14	387.11-	29
	30	387.15		387.29	387.29	387.28	387.17	387.21	387.98	387.25	387.18	387.15	387.11-	30
31	387.15		387.26	387.29	387.29	387.17	387.20	387.91	387.25	387.17-	387.15	387.15	31	
Monatsmittel		387.17-	387.25	387.18	387.36	387.35	387.27	387.27	387.73+	387.49	387.32	387.18	387.17-	m ü.M.
Spitze Datum		387.27- 21.	387.48 13.	387.33 27.	387.72 9.	387.64 22.	387.60 15.	387.58 4.	389.40+ 23.	387.89 1.	387.70 2.	387.46 5.	387.29 9.	m ü.M.
Amplitude		0.15-	0.35	0.21	0.57	0.41	0.49	0.43	2.24+	0.68	0.53	0.35	0.18	m
Jahr		Mittel: 387.31			Spitze: 389.40 (23.08.2005)			Minimum: 387.10 (30.12.2005)			Amplitude: 2.30			

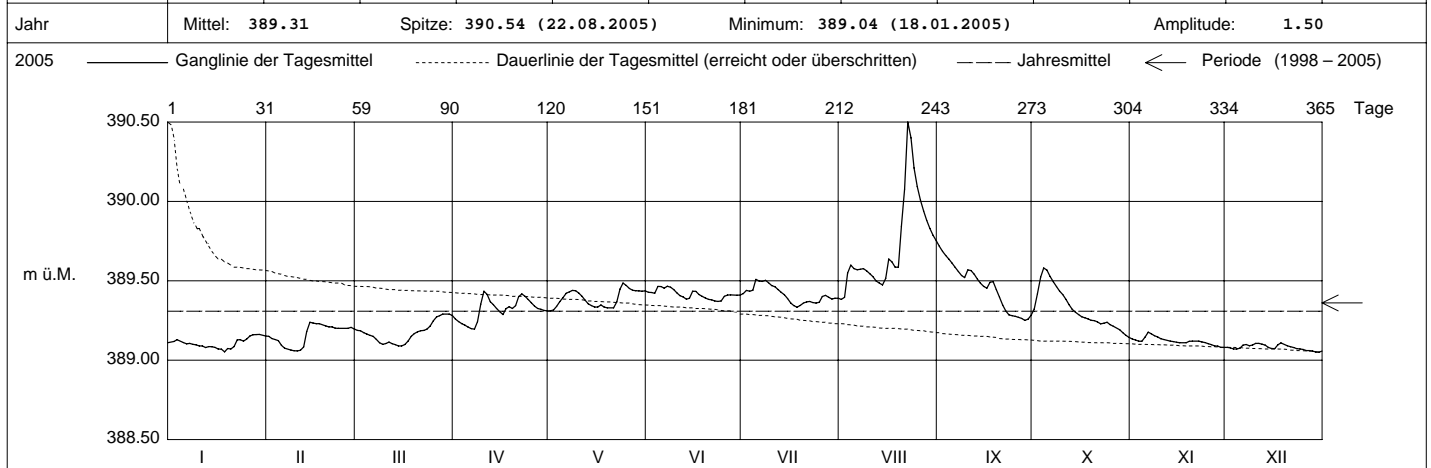


Periode 1983 - 2005 (23 Jahre)													
Monatsmittel	387.30	387.27	387.25-	387.26	387.34	387.44+	387.43	387.32	387.33	387.32	387.34	387.32	m ü.M.
Monats-Spitze Jahr	387.74- 2004	387.82 1999	387.74- 2001	387.75 2001	388.90 1999	388.57 2004	388.54 1993	389.40+ 2005	388.35 2002	387.75 1992	388.00 2002	387.93 1995	m ü.M.
Monats-Minimum Jahr	387.00 1990	387.04 1990	387.05 1990	386.96 1991	386.96 1991	387.03 2003	387.01 1990	386.87 1991	386.86- 1991	387.06 1991	387.06 1991		m ü.M.
Monats-Amplitude Jahr	0.59 2004	0.58 1990	0.62 2001	0.57- 2005	1.50 1999	1.26 2004	1.27 2001	2.24+ 2005	1.16 2002	0.61 1992	0.74 2002	0.77 1995	m
Periode	Mittel: 387.33			Spitze: 389.40 (23.08.2005)			Minimum: 0.00 (00.12.1984)			Amplitude: 389.40			

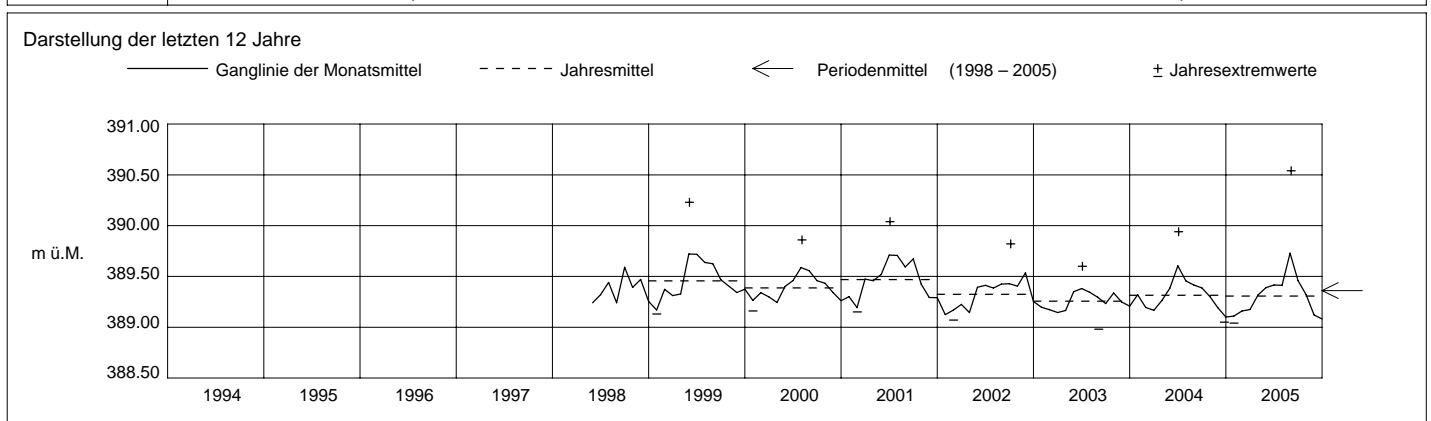


Grundwasserstände	Nr. 3228 Hünenberg - Hintere Stadelmatt	KANTON ZUG
	Koordinaten: 672'960 / 230'343	Amt für Umweltschutz
Orphimedes	Abstichpunkt: 391.87 m ü.M. OK Terrain: 391.57 m ü.M.	

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	389.11	389.15	389.19	389.26	389.31-	389.43	389.42	389.38-	389.72+	389.32	389.13	389.08	1
		2	389.12	389.14	389.19	389.24	389.32	389.43	389.44	389.40	389.69	389.42	389.13	389.08	2
		3	389.13	389.13	389.17	389.23	389.34	389.42	389.43	389.55	389.66	389.52	389.12	389.07	3
		4	389.12	389.12	389.16	389.22	389.37	389.46	389.44	389.60	389.64	389.58+	389.12	389.07	4
		5	389.11	389.09	389.16	389.21	389.39	389.46	389.51+	389.58	389.61	389.57	389.15	389.08	5
		6	389.10	389.08	389.15	389.20-	389.42	389.45	389.50	389.57	389.58	389.53	389.18+	389.09	6
		7	389.11	389.07	389.13	389.20-	389.43	389.47+	389.50	389.57	389.56	389.49	389.17	389.10	7
		8	389.10	389.06-	389.11	389.24	389.44	389.46	389.50	389.58	389.53	389.46	389.15	389.09	8
		9	389.10	389.06-	389.10	389.35	389.44	389.44	389.49	389.56	389.52	389.44	389.15	389.10	9
		10	389.09	389.06-	389.11	389.43+	389.42	389.42	389.47	389.54	389.57	389.41	389.14	389.11+	10
	11	389.09	389.06-	389.11	389.41	389.40	389.41	389.46	389.53	389.56	389.38	389.13	389.11+	11	
	12	389.08	389.08	389.10	389.37	389.38	389.40	389.45	389.54	389.54	389.35	389.13	389.10	12	
	13	389.09	389.18	389.10	389.35	389.36	389.38	389.43	389.49	389.51	389.32	389.12	389.09	13	
	14	389.08	389.24+	389.09-	389.33	389.34	389.39	389.41	389.47	389.49	389.30	389.12	389.08	14	
	15	389.08	389.23	389.09-	389.31	389.34	389.43	389.39	389.52	389.47	389.29	389.11	389.07	15	
	16	389.07	389.23	389.10	389.29	389.33	389.43	389.36	389.64	389.45	389.27	389.11	389.07	16	
	17	389.07	389.23	389.12	389.33	389.35	389.41	389.34	389.62	389.49	389.27	389.11	389.10	17	
	18	389.05-	389.22	389.15	389.34	389.34	389.40	389.33-	389.59	389.50	389.26	389.11	389.11+	18	
	19	389.07	389.22	389.17	389.33	389.33	389.39	389.34	389.59	389.45	389.25	389.12	389.10	19	
	20	389.07	389.21	389.18	389.34	389.33	389.38	389.36	389.84	389.40	389.25	389.12	389.09	20	
	21	389.09	389.21	389.19	389.40	389.33	389.38	389.37	390.08	389.35	389.24	389.12	389.08	21	
	22	389.13	389.20	389.19	389.42	389.37	389.37-	389.37	390.50+	389.31	389.23	389.12	389.08	22	
	23	389.13	389.20	389.20	389.40	389.45	389.37-	389.36	390.40	389.29	389.23	389.12	389.07	23	
	24	389.12	389.20	389.22	389.38	389.49+	389.37-	389.36	390.21	389.28	389.24	389.11	389.07	24	
	25	389.13	389.20	389.25	389.36	389.47	389.40	389.37	390.09	389.28	389.22	389.10	389.07	25	
	26	389.15	389.20	389.27	389.34	389.45	389.41	389.40	390.01	389.27	389.21	389.10	389.06	26	
	27	389.16+	389.21	389.28	389.33	389.44	389.41	389.41	389.94	389.26	389.20	389.09	389.06	27	
	28	389.16+	389.20	389.29+	389.32	389.44	389.41	389.40	389.88	389.25-	389.19	389.09	389.06	28	
	29	389.16+		389.29+	389.31	389.44	389.41	389.39	389.83	389.26	389.17	389.08-	389.05-	29	
	30	389.16+		389.29+	389.31	389.43	389.41	389.39	389.79	389.28	389.16	389.08-	389.05-	30	
	31	389.15		389.28	389.31	389.44	389.43	389.39	389.75	389.52	389.14-	389.08	389.06	31	
Monatsmittel		389.11	389.16	389.17	389.32	389.39	389.41	389.41	389.73+	389.46	389.32	389.12	389.08-	m ü.M.	
Spitze Datum		28.	14.	28.	10.	24.	4.	5.	22.	1.	4.	6.	10.	m ü.M.	
Amplitude		0.13	0.19	0.20	0.25	0.18	0.10	0.19	1.16+	0.48	0.45	0.10	0.06-	m	
Jahr		Mittel: 389.31				Spitze: 390.54 (22.08.2005)				Minimum: 389.04 (18.01.2005)				Amplitude: 1.50	

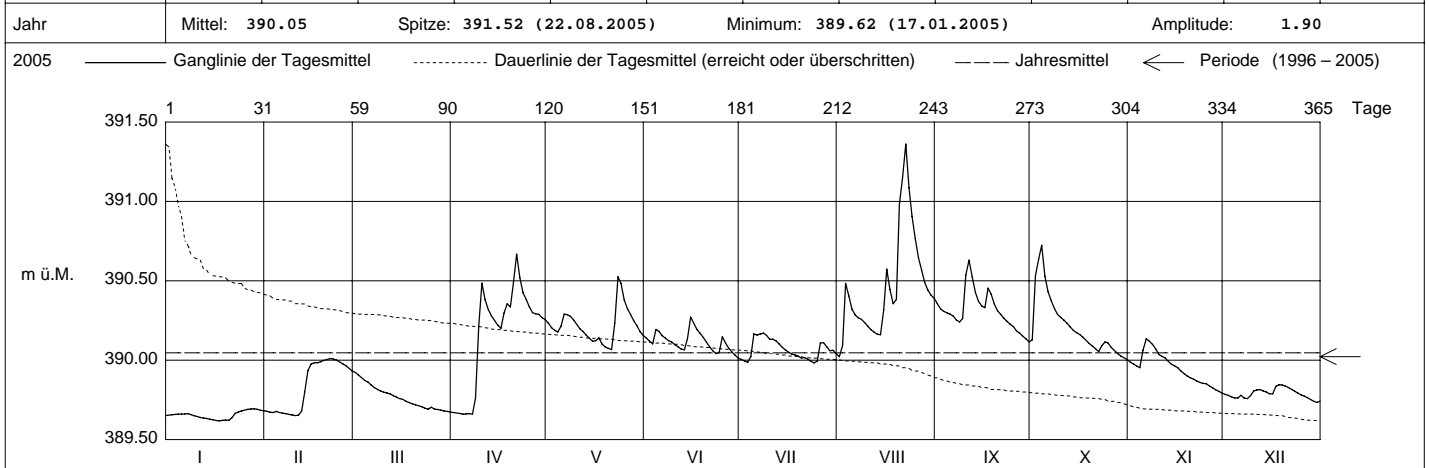


Periode 1998 - 2005 (8 Jahre)													
Monatsmittel	389.21-	389.23	389.26	389.27	389.45	389.53+	389.50	389.52	389.44	389.38	389.32	389.23	m ü.M.
Monats-Spitze Jahr	389.58- 2004	389.81 1999	389.67 2001	389.66 2001	390.23 1999	390.04 2001	390.01 2001	390.54+ 2005	389.83 2001	389.62 1999	389.78 1998	389.72 1999	m ü.M.
Monats-Minimum Jahr	389.04 2005	389.05 2005	389.08 2003	389.11 2002	389.18 2002	389.23+ 2003	389.11 2003	388.98- 2003	389.16 2003	389.14 2005	389.08 2005	389.05 2004	m ü.M.
Monats-Amplitude Jahr	0.48 2004	0.59 1999	0.47 2001	0.39- 2001	0.81 1999	0.54 2004	0.45 2000	1.16+ 2005	0.59 2002	0.45 2005	0.54 1998	0.46 1999	m
Periode	Mittel: 389.36				Spitze: 390.54 (22.08.2005)				Minimum: 388.98 (23.08.2003)				Amplitude: 1.56

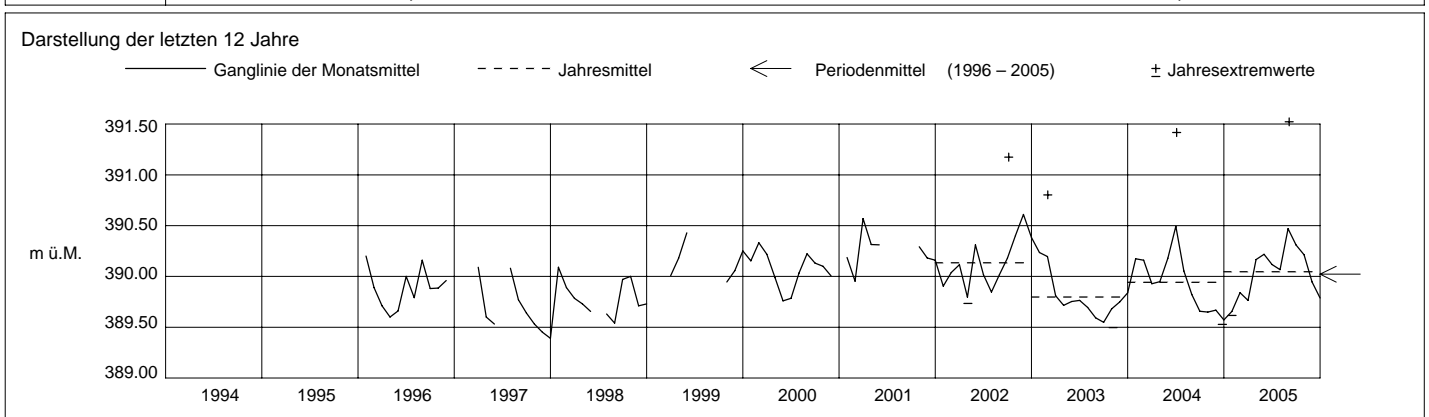


Grundwasserstände **Nr. 3229 Hünenberg - Vordere Stadelmatt** **KANTON ZUG**
 Koordinaten: 673'832 / 230'434 **Amt für Umweltschutz**
 Orpheus **Abstichpunkt: 391.555 m ü.M. OK Terrain: 391.65 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	389.65	389.68	389.92+	389.67	390.23	390.14	390.00	390.02-	390.36	390.13	389.99	389.78	1	
		2	389.66	389.67	389.91	389.67	390.20	390.12	390.00	390.09	390.32	390.53	389.98	389.78	2	
		3	389.66	389.67	389.89	389.66-	390.19	390.10	389.99	390.48	390.31	390.64	389.96	389.77	3	
		4	389.66	389.68	389.87	389.66-	390.18	390.19	390.02	390.40	390.30	390.72+	389.95	389.76	4	
		5	389.66	389.67	389.86	389.66-	390.21	390.18	390.17+	390.32	390.29	390.53	390.06	389.76	5	
		6	389.66	389.67	389.84	389.66-	390.29	390.15	390.16	390.29	390.28	390.43	390.13+	389.78	6	
		7	389.66	389.66	389.83	389.66-	390.29	390.14	390.17+	390.27	390.25	390.37	390.12	389.76	7	
		8	389.66	389.66	389.82	389.76	390.28	390.12	390.17+	390.26	390.24	390.32	390.10	389.76	8	
		9	389.65	389.65-	389.80	390.21	390.25	390.11	390.16	390.24	390.26	390.29	390.07	389.78	9	
		10	389.64	389.65-	389.80	390.48	390.23	390.10	390.13	390.21	390.54	390.27	390.04	389.80	10	
	m ü.M.	11	389.64	389.65-	389.79	390.38	390.20	390.08	390.13	390.19	390.63+	390.25	390.02	389.81	11	
		12	389.63	389.68	389.79	390.32	390.18	390.07	390.12	390.18	390.52	390.23	390.01	389.81	12	
		13	389.63	389.80	389.78	390.28	390.16	390.07	390.10	390.16	390.43	390.21	389.99	389.81	13	
		14	389.63	389.93	389.77	390.25	390.14	390.13	390.08	390.16	390.37	390.19	389.97	389.80	14	
		15	389.62-	389.98	389.76	390.22	390.12	390.27+	390.06	390.32	390.34	390.17	389.96	389.79	15	
		16	389.62-	389.98	389.75	390.20	390.12	390.23	390.05	390.57	390.33	390.16	389.95	389.79	16	
		17	389.62-	389.98	389.74	390.30	390.14	390.19	390.04	390.44	390.45	390.15	389.93	389.84+	17	
		18	389.62-	389.99	389.73	390.35	390.10	390.17	390.03	390.36	390.42	390.13	389.92	389.84+	18	
		19	389.62-	390.00	389.73	390.34	390.08	390.14	390.03	390.38	390.35	390.11	389.90	389.84+	19	
		20	389.62-	390.00	389.72	390.50	390.07-	390.11	390.01	390.98	390.31	390.09	389.89	389.84+	20	
		+ Maximum	21	389.64	390.01+	389.71	390.67+	390.07-	390.08	390.02	391.15	390.29	390.07	389.88	389.83	21
	22		389.67	390.01+	389.71	390.52	390.23	390.06	390.01	391.36+	390.26	390.05	389.87	389.82	22	
	23		389.67	390.00	389.70	390.42	390.53+	390.04	389.99	391.09	390.25	390.09	389.86	389.80	23	
	24		389.68	389.99	389.69	390.38	390.48	390.05	389.98-	390.91	390.23	390.11	389.85	389.79	24	
	25		389.69+	389.98	389.70	390.34	390.38	390.15	389.99	390.77	390.21	390.11	389.85	389.78	25	
	- Minimum		26	389.69+	389.97	389.69	390.30	390.32	390.11	390.11	390.65	390.19	390.08	389.84	389.77	26
			27	389.69+	389.95	389.69	390.29	390.29	390.08	390.11	390.57	390.17	390.06	389.83	389.76	27
			28	389.69+	389.93	389.68	390.29	390.25	390.05	390.08	390.49	390.15	390.04	389.81	389.75	28
			29	389.69+		389.68	390.27	390.22	390.03	390.06	390.44	390.13	390.03	389.80	389.74	29
			30	389.68		389.68	390.26	390.18	390.01-	390.06	390.41	390.11-	390.01	389.79-	389.73-	30
			31	389.68		389.67-		390.16		390.04	390.39		390.00-		389.74	31
Monatsmittel		389.65-	389.84	389.76	390.17	390.22	390.12	390.07	390.47+	390.31	390.21	389.94	389.79	m ü.M.		
Spitze Datum		389.69- 28.	390.01 21.	389.93 1.	390.73 21.	390.61 23.	390.30 15.	390.18 8.	391.52+ 22.	390.70 11.	390.82 4.	390.14 6.	389.85 18.	m ü.M.		
Amplitude		0.08-	0.36	0.26	1.08	0.54	0.29	0.20	1.51+	0.59	0.82	0.35	0.12	m		
Jahr		Mittel: 390.05			Spitze: 391.52 (22.08.2005)			Minimum: 389.62 (17.01.2005)			Amplitude: 1.90					



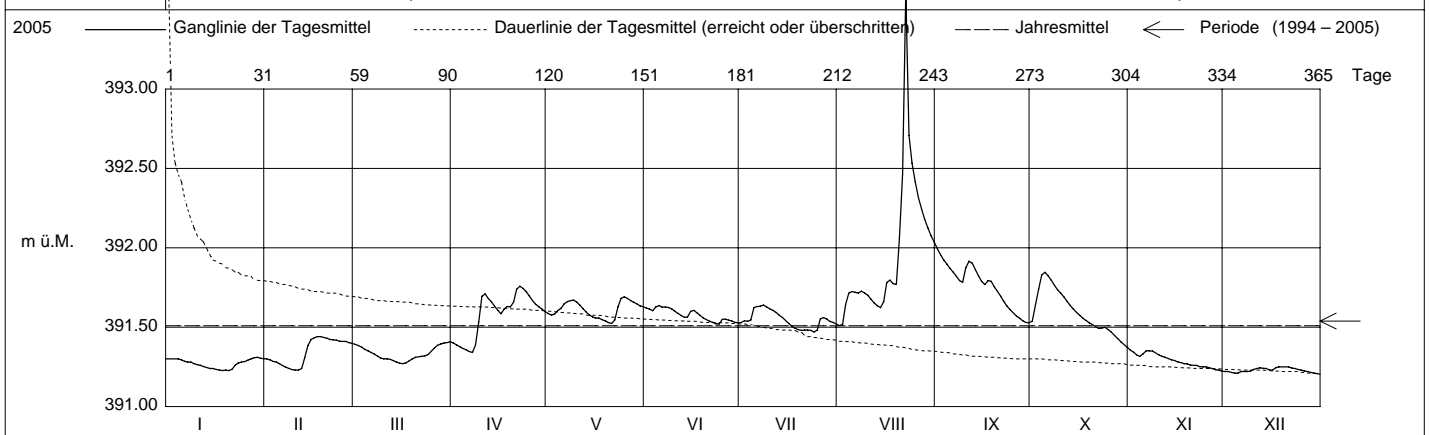
Periode 1996 - 2005 (10 Jahre)													
Monatsmittel	390.04	390.09+	390.06	389.97	390.08	390.03	389.94-	390.02	389.96	390.04	390.03	389.99	m ü.M.
Monats-Spitze Jahr	390.79 2004	390.80 2003	391.22 2001	390.73 2005	391.56+ 1999	391.42 2004	390.70- 2000	391.52 2005	391.17 2002	391.06 2002	391.01 2002	391.20 1999	m ü.M.
Monats-Minimum Jahr	389.62 2005	389.65 2005	389.67 2005	389.66 2005	389.66 2003	389.69 2003	389.65 2003	389.53 2003	389.50- 2003	389.50- 2003	389.59 2004		m ü.M.
Monats-Amplitude Jahr	1.11 2004	0.88 2003	1.43 2001	1.08 2005	1.43 1999	1.38 2004	1.01 2000	1.51+ 2005	1.30 2002	0.86 2002	0.81- 2002	1.25 1999	m
Periode	Mittel: 390.02			Spitze: 391.56 (12.05.1999)			Minimum: 0.00 (00.12.1996)			Amplitude: 391.56			



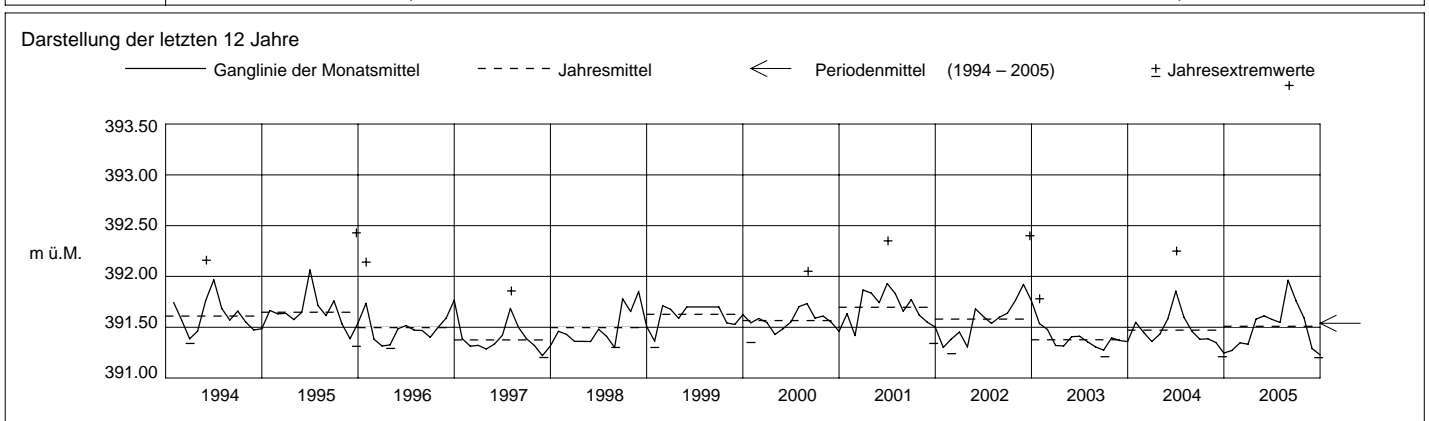
Grundwasserstände **Nr. 3420 Hünenberg - Untere Chamau** **KANTON ZUG**
 Koordinaten: 673'324 / 228'927 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 393.88 m ü.M. OK Terrain: 393.02 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	391.30	391.30	391.39	391.40	391.59	391.62	391.53	391.51-	392.00+	391.54	391.36+	391.22	1	
		2	391.30	391.29	391.38	391.39	391.58	391.61	391.54	391.52	391.96	391.64	391.34	391.22	2	
		3	391.30	391.28	391.37	391.38	391.58	391.60	391.54	391.64	391.92	391.74	391.33	391.21	3	
		4	391.30	391.28	391.36	391.37	391.60	391.63	391.55	391.72	391.90	391.83	391.32	391.21	4	
		5	391.29	391.27	391.35	391.36	391.62	391.64+	391.62	391.73	391.87	391.85+	391.33	391.21	5	
		6	391.29	391.26	391.34	391.35	391.65	391.63	391.63	391.72	391.85	391.82	391.35	391.22	6	
		7	391.28	391.25	391.33	391.34-	391.66	391.63	391.63	391.72	391.82	391.80	391.35	391.22	7	
		8	391.28	391.24	391.32	391.39	391.67	391.62	391.64+	391.73	391.79	391.76	391.35	391.22	8	
		9	391.27	391.23-	391.31	391.53	391.67	391.62	391.63	391.72	391.78	391.74	391.34	391.22	9	
		10	391.26	391.23-	391.30	391.69	391.66	391.60	391.62	391.70	391.88	391.71	391.33	391.23	10	
	m ü.M.	11	391.26	391.23-	391.30	391.71	391.64	391.59	391.61	391.68	391.92	391.69	391.32	391.24	11	
		12	391.25	391.24	391.30	391.68	391.62	391.57	391.59	391.65	391.90	391.66	391.31	391.24	12	
		13	391.25	391.31	391.29	391.66	391.59	391.56	391.58	391.64	391.86	391.64	391.30	391.24	13	
		14	391.24	391.38	391.28	391.63	391.58	391.56	391.56	391.62	391.82	391.61	391.29	391.24	14	
		15	391.24	391.42	391.27-	391.61	391.56	391.60	391.54	391.66	391.79	391.59	391.29	391.23	15	
		16	391.23-	391.43	391.27-	391.58	391.56	391.61	391.52	391.78	391.77	391.57	391.28	391.23	16	
		17	391.23-	391.44+	391.28	391.61	391.56	391.59	391.51	391.80	391.79	391.56	391.28	391.25+	17	
		18	391.23-	391.44+	391.29	391.63	391.55	391.57	391.49	391.77	391.79	391.54	391.27	391.25+	18	
		19	391.23-	391.44+	391.30	391.63	391.54	391.56	391.49	391.77	391.75	391.53	391.27	391.25+	19	
		20	391.23-	391.43	391.31	391.66	391.53	391.55	391.48	392.06	391.73	391.52	391.26	391.25+	20	
		+ Maximum	21	391.23-	391.42	391.31	391.74	391.52-	391.54	391.48	392.47	391.69	391.50	391.26	391.25+	21
	22		391.26	391.42	391.32	391.76+	391.55	391.53	391.48	393.61+	391.66	391.49	391.26	391.24	22	
	23		391.27	391.42	391.32	391.74	391.63	391.52-	391.48	392.71	391.63	391.50	391.25	391.24	23	
	24		391.28	391.41	391.33	391.72	391.68	391.52-	391.47-	392.53	391.61	391.50	391.25	391.23	24	
	25		391.28	391.41	391.35	391.70	391.69+	391.55	391.48	392.42	391.59	391.48	391.25	391.23	25	
	- Minimum		26	391.29	391.41	391.37	391.67	391.58	391.55	391.55	392.32	391.57	391.47	391.24	391.22	26
			27	391.30	391.40	391.39	391.64	391.67	391.54	391.56	392.24	391.56	391.45	391.24	391.22	27
			28	391.31+	391.40	391.39	391.63	391.66	391.54	391.55	392.18	391.54	391.43	391.23	391.22	28
			29	391.31+		391.40	391.61	391.65	391.53	391.54	392.13	391.53-	391.41	391.23	391.21	29
			30	391.30		391.40	391.60	391.63	391.53	391.53	392.08	391.53-	391.39	391.22-	391.21	30
			31	391.30		391.41+		391.63		391.52	392.04		391.37-		391.20-	31
Monatsmittel		391.27	391.35	391.33	391.58	391.61	391.58	391.55	391.96+	391.76	391.59	391.29	391.23-	m ü.M.		
Spitze Datum		28.	16.	30.	22.	24.	4.	7.	21.	1.	4.	1.	12.	m ü.M.		
Amplitude		0.09	0.21	0.14	0.42	0.17	0.13	0.18	2.38+	0.50	0.49	0.14	0.05-	m		

Jahr Mittel: 391.51 Spitze: 393.88 (21.08.2005) Minimum: 391.20 (30.12.2005) Amplitude: 2.68

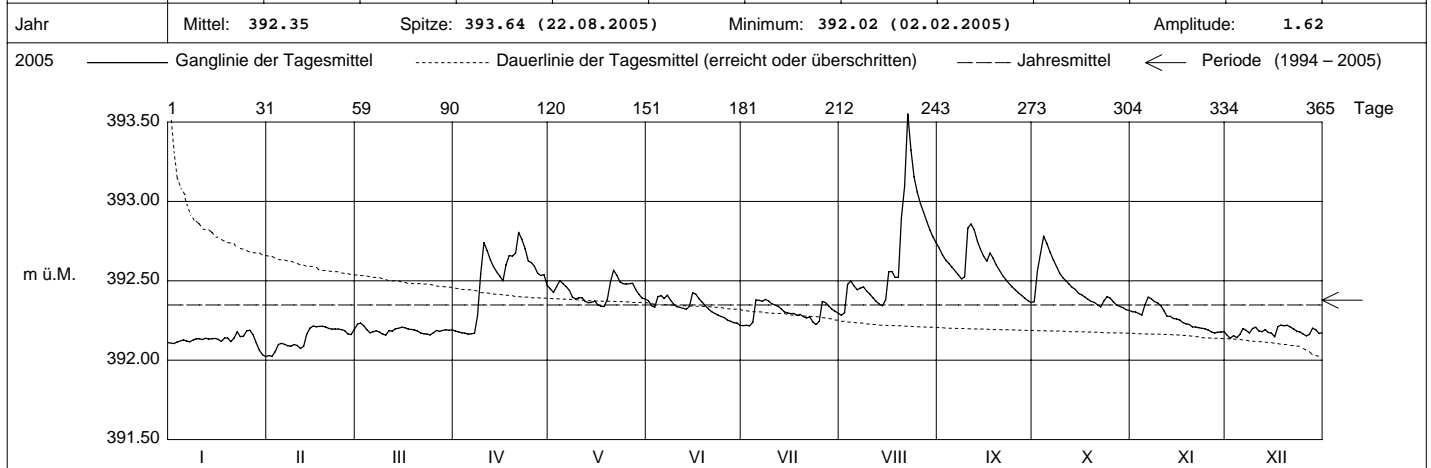


Periode		1994 - 2005 (12 Jahre)												
Monatsmittel		391.52	391.47	391.46-	391.46-	391.57	391.69+	391.62	391.60	391.57	391.53	391.51	391.48	m ü.M.
Monats-Spitze Jahr		392.14 1996	392.37 1999	392.18 2001	392.09 2001	392.16 1994	392.35 2001	392.15 2001	393.88+ 2005	392.02 2002	391.94- 2002	392.18 1998	392.43 1995	m ü.M.
Monats-Minimum Jahr		391.22 2005	391.23 2005	391.27 2005	391.26 1997	391.30 1997	391.33+ 2003	391.28 2003	391.26 2003	391.21 2003	391.21 2003	391.20- 1997	391.20- 2005	m ü.M.
Monats-Amplitude Jahr		0.73 1996	0.91 1999	0.82 2001	0.46- 2001	0.67 1994	0.69 2004	0.53 2000	2.38+ 2005	0.58 2002	0.49 2005	0.64 1998	1.12 1995	m
Periode		Mittel: 391.54		Spitze: 393.88 (21.08.2005)			Minimum: 391.20 (30.12.2005)			Amplitude: 2.68				

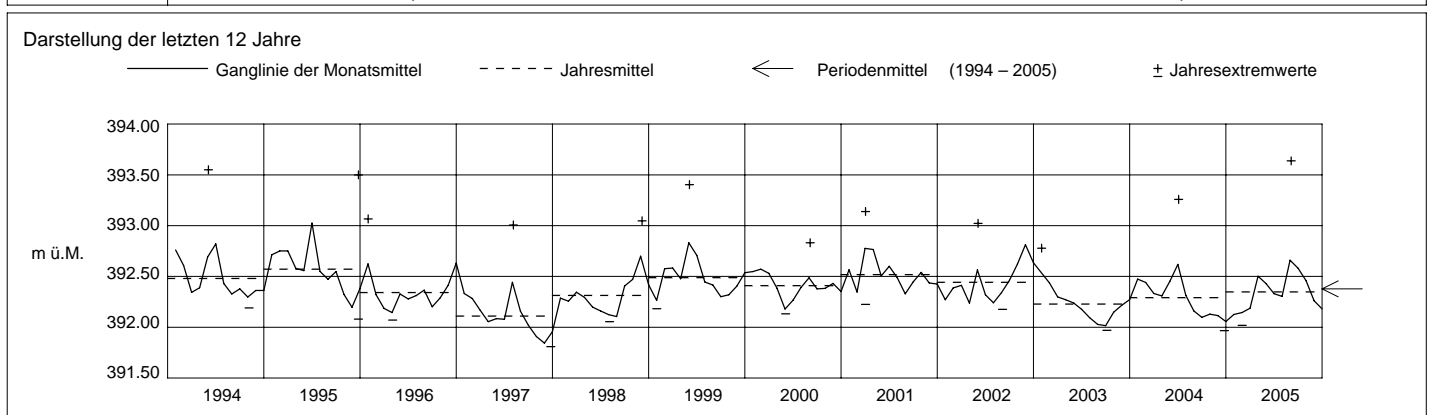


Grundwasserstände	Nr. 3422 Cham - Frauentaler Wald	KANTON ZUG
	Koordinaten: 674'638 / 228'925	Amt für Umweltschutz
Drucksonde / R16	Abstichpunkt: 394.615 m ü.M. OK Terrain: 393.70 m ü.M.	

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	392.11	392.03	392.23+	392.18	392.45	392.37	392.22-	392.28-	392.70	392.37	392.30	392.16	1
		2	392.10	392.02-	392.23+	392.18	392.43	392.34	392.22-	392.30	392.66	392.56	392.30	392.14-	2
		3	392.11	392.05	392.22	392.17	392.46	392.33	392.22-	392.48	392.63	392.68	392.29	392.15	3
		4	392.12	392.10	392.19	392.17	392.50	392.40	392.24	392.50	392.61	392.78+	392.28	392.14-	4
		5	392.13	392.11	392.17	392.16-	392.48	392.41	392.38+	392.47	392.59	392.73	392.35	392.16	5
		6	392.12	392.10	392.18	392.17	392.46	392.39	392.38+	392.44	392.56	392.68	392.40+	392.20	6
		7	392.12	392.09	392.18	392.17	392.44	392.41	392.37	392.45	392.54	392.63	392.39	392.19	7
		8	392.13	392.09	392.18	392.18	392.40	392.38	392.38+	392.46	392.51	392.59	392.37	392.17	8
		9	392.13	392.10	392.16-	392.55	392.39	392.35	392.37	392.44	392.53	392.55	392.36	392.20	9
		10	392.14	392.09	392.16-	392.74	392.39	392.34	392.36	392.42	392.83	392.52	392.34	392.21	10
	m ü.M.	11	392.13	392.07	392.19	392.69	392.39	392.33	392.35	392.39	392.86+	392.50	392.31	392.18	11
		12	392.14	392.09	392.18	392.63	392.37	392.33	392.34	392.37	392.82	392.48	392.28	392.18	12
		13	392.13	392.16	392.20	392.59	392.36	392.32	392.32	392.35	392.75	392.46	392.28	392.19	13
		14	392.14	392.20	392.20	392.56	392.36	392.34	392.30	392.34	392.70	392.45	392.26	392.17	14
		15	392.14	392.21+	392.21	392.53	392.37	392.42+	392.30	392.38	392.65	392.42	392.26	392.17	15
		16	392.13	392.21+	392.20	392.50	392.35	392.41	392.29	392.56	392.62	392.41	392.25	392.15	16
		17	392.12	392.21+	392.20	392.60	392.34-	392.39	392.29	392.56	392.68	392.40	392.24	392.21	17
		18	392.14	392.21+	392.19	392.66	392.34-	392.37	392.28	392.52	392.64	392.38	392.23	392.22+	18
		19	392.14	392.21+	392.19	392.65	392.38	392.34	392.29	392.52	392.60	392.37	392.22	392.22+	19
		20	392.12	392.20	392.18	392.68	392.49	392.32	392.27	392.90	392.57	392.36	392.21	392.22+	20
		+ Maximum - Minimum	21	392.14	392.20	392.17	392.81+	392.57+	392.31	392.27	392.09	392.53	392.35	392.21	392.21
	22		392.18	392.20	392.17	392.76	392.54	392.29	392.27	393.55+	392.51	392.34	392.20	392.20	22
	23		392.15	392.20	392.16-	392.70	392.49	392.28	392.24	393.32	392.48	392.37	392.20	392.18	23
	24		392.15	392.19	392.16-	392.63	392.48	392.28	392.22-	393.16	392.46	392.40	392.20	392.18	24
	25		392.18	392.19	392.17	392.62	392.48	392.27	392.25	393.06	392.44	392.39	392.19	392.16	25
	26		392.19+	392.16	392.19	392.59	392.48	392.25	392.37	392.99	392.42	392.37	392.18	392.15	26
	27		392.16	392.16	392.18	392.55	392.48	392.24	392.36	392.93	392.41	392.35	392.17-	392.16	27
	28		392.11	392.19	392.19	392.53	392.45	392.24	392.34	392.87	392.39	392.34	392.18	392.20	28
	29		392.06		392.19	392.54	392.41	392.23	392.32	392.82	392.38	392.33	392.18	392.19	29
	30		392.03		392.19	392.47	392.39	392.22-	392.31	392.78	392.36-	392.32	392.18	392.17	30
	31		392.02-		392.19		392.39		392.30	392.74		392.31-		392.17	31
Monatsmittel		392.13-	392.14	392.19	392.50	392.43	392.33	392.30	392.66+	392.58	392.46	392.26	392.18	m ü.M.	
Spitze Datum		392.19- 26.	392.22 15.	392.23 2.	392.81 21.	392.58 21.	392.44 15.	392.38 8.	393.64+ 22.	392.90 11.	392.79 4.	392.40 6.	392.23 20.	m ü.M.	
Amplitude		0.17	0.20	0.08-	0.66	0.24	0.23	0.18	1.36+	0.54	0.48	0.23	0.10	m	
Jahr		Mittel: 392.35			Spitze: 393.64 (22.08.2005)			Minimum: 392.02 (02.02.2005)			Amplitude: 1.62				

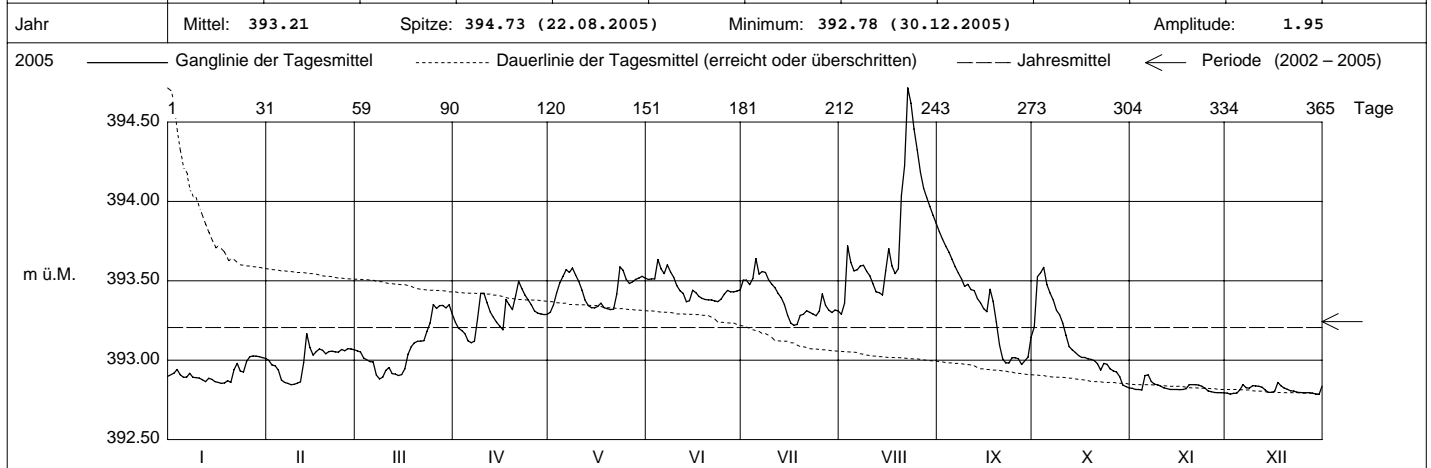


Periode 1994 - 2005 (12 Jahre)														
Monatsmittel	392.46+	392.43	392.41	392.37	392.42	392.45	392.34	392.32-	392.32-	392.32-	392.35	392.35	m ü.M.	
Monats-Spitze Jahr	393.07 1996	393.18 1999	393.14 2001	393.12 2001	393.55 1994	393.30 1995	393.01 1997	393.64+ 2005	392.91 2002	392.90- 2002	393.05 1998	393.50 1995	m ü.M.	
Monats-Minimum Jahr	392.02 2005	392.02 2005	392.01 1997	392.01 1997	392.02 1997	392.00 1997	392.04+ 2003	391.99 2003	391.96 1997	391.86 1997	391.82 1997	391.81- 1997	m ü.M.	
Monats-Amplitude Jahr	0.76 1996	0.84 1999	0.91 2001	0.66 2005	1.25 1994	0.93 2004	0.80 1997	1.36 2005	0.76 1998	0.48- 2005	0.60 1998	1.42+ 1995	m	
Periode		Mittel: 392.38			Spitze: 393.64 (22.08.2005)			Minimum: 391.81 (11.12.1997)			Amplitude: 1.83			

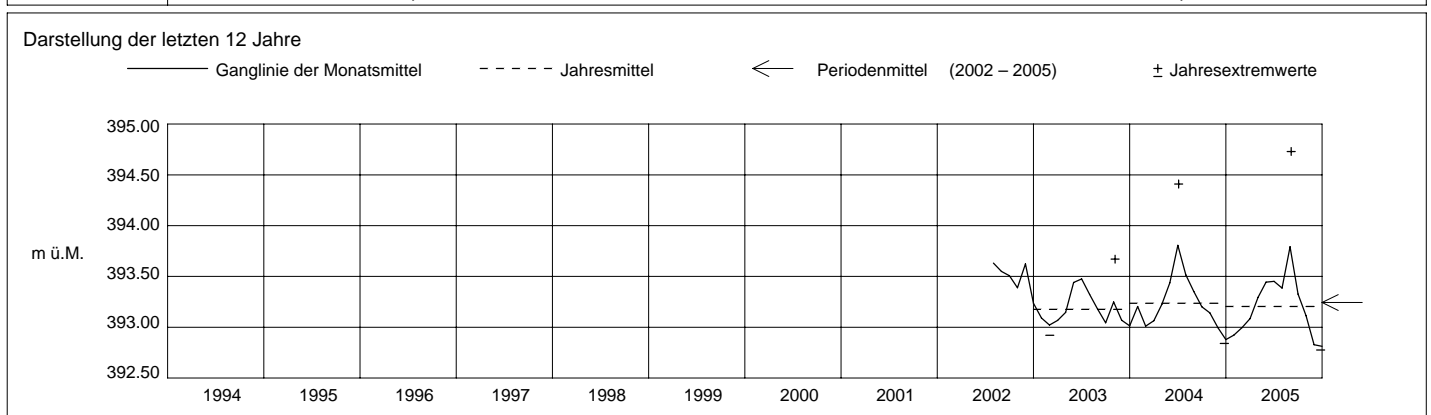


Grundwasserstände **Nr. 3424 Hünenberg - Matten - Gass** **KANTON ZUG**
 Koordinaten: 673'275 / 227'281 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 395.925 m ü.M. OK Terrain: 395.35 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	392.90	393.00	393.06	393.24	393.30-	393.51	393.50	393.29-	393.81+	393.21	392.82	392.79	1	
		2	392.92	392.97	393.05	393.20	393.35	393.51	393.50	393.36	393.76	393.53	392.82	392.79	2	
		3	392.94	392.96	393.01	393.19	393.42	393.51	393.48	393.72	393.72	393.55	392.82	392.79	3	
		4	392.91	392.94	393.00	393.17	393.49	393.63+	393.51	393.62	393.68	393.58+	392.81	392.79	4	
		5	392.89	392.88	392.99	393.12	393.53	393.58	393.64+	393.56	393.64	393.48	392.80	392.81	5	
		6	392.89	392.86	392.99	393.11-	393.57	393.55	393.54	393.57	393.59	393.42	392.91+	392.85	6	
		7	392.92	392.85-	392.91	393.12	393.55	393.60	393.56	393.59	393.55	393.38	392.87	392.83	7	
		8	392.89	392.85-	392.88-	393.26	393.58	393.56	393.55	393.60	393.51	393.31	392.85	392.82	8	
		9	392.89	392.85-	392.89	393.42	393.54	393.52	393.51	393.56	393.46	393.29	392.84	392.84	9	
		10	392.89	392.85-	392.94	393.42	393.50	393.47	393.48	393.53	393.48	393.23	392.84	392.84	10	
	m ü.M.	11	392.88	392.86	392.95	393.36	393.44	393.44	393.46	393.48	393.44	393.16	392.83	392.84	11	
		12	392.87	392.92	392.92	393.30	393.38	393.42	393.42	393.43	393.44	393.09	392.82	392.83	12	
		13	392.89	393.17+	392.91	393.27	393.34	393.37-	393.39	393.43	393.39	393.07	392.82	392.81	13	
		14	392.88	393.08	392.90	393.24	393.33	393.38	393.35	393.41	393.36	393.05	392.82	392.80	14	
		15	392.86	393.03	392.91	393.21	393.33	393.44	393.28	393.56	393.33	393.03	392.82	392.80	15	
		16	392.86	393.05	392.95	393.19	393.34	393.43	393.23	393.70	393.31	393.02	392.81	392.80	16	
		17	392.85-	393.07	393.04	393.38	393.36	393.40	393.22-	393.59	393.45	393.02	392.82	392.86+	17	
		18	392.86	393.06	393.08	393.35	393.33	393.39	393.22-	393.55	393.37	393.01	392.82	392.84	18	
		19	392.87	393.04	393.11	393.32	393.32	393.38	393.28	393.58	393.24	393.01	392.85	392.82	19	
		20	392.86	393.05	393.12	393.41	393.32	393.38	393.29	394.04	393.10	393.00	392.85	392.82	20	
		+ Maximum	21	392.94	393.06	393.12	393.50+	393.32	393.38	393.31	394.23	393.01	392.98	392.85	392.81	21
	22		392.98	393.05	393.12	393.45	393.42	393.37-	393.30	394.72+	392.98	392.94	392.84	392.81	22	
	23		392.93	393.05	393.18	393.41	393.59+	393.37-	393.29	394.62	392.98	392.98	392.84	392.80	23	
	24		392.93	393.07	393.24	393.38	393.57	393.39	393.28	394.46	393.02	392.97	392.82	392.80	24	
	25		392.99	393.06	393.35+	393.35	393.51	393.42	393.31	394.32	393.02	392.95	392.81	392.80	25	
	- Minimum		26	393.02	393.07	393.33	393.31	393.48	393.44	393.42	394.18	393.01	392.93	392.80	392.80	26
			27	393.03+	393.07	393.34	393.30	393.49	393.43	393.35	394.08	392.97-	392.93	392.80	392.80	27
			28	393.03+	393.07	393.35+	393.29	393.51	393.43	393.32	394.03	393.00	392.90	392.80	392.79	28
			29	393.02		393.33	393.29	393.52	393.44	393.30	393.97	393.02	392.84	392.80	392.79	29
			30	393.02		393.35+	393.29	393.53	393.44	393.32	393.91	393.14	392.83-	392.79-	392.78-	30
			31	393.01		393.29	393.29	393.52	393.44	393.31	393.86	393.86	392.83-	392.83-	392.84	31
Monatsmittel		392.92	393.00	393.08	393.29	393.44	393.45	393.38	393.79+	393.33	393.11	392.83	392.81-	m ü.M.		
Spitze Datum		393.04 21.	393.20 13.	393.38 30.	393.51 20.	393.63 23.	393.66 4.	393.72 5.	394.73+ 22.	393.83 1.	393.65 4.	392.96 5.	392.93- 31.	m ü.M.		
Amplitude		0.19	0.36	0.51	0.40	0.34	0.32	0.51	1.45+	0.93	0.82	0.17	0.15-	m		
Jahr		Mittel: 393.21			Spitze: 394.73 (22.08.2005)			Minimum: 392.78 (30.12.2005)			Amplitude: 1.95					

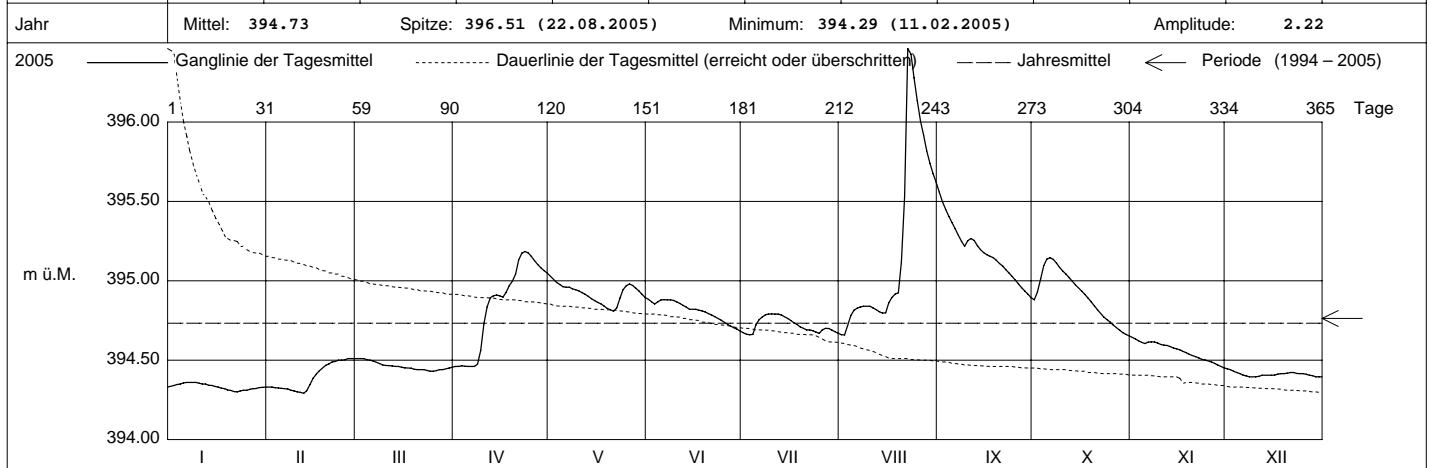


Periode 2002 - 2005 (4 Jahre)													
Monatsmittel	393.07	393.01	393.07	393.22	393.44	393.58+	393.44	393.47	393.27	393.22	393.13	392.98-	m ü.M.
Monats-Spitze Jahr	393.70 2004	393.25- 2003	393.38 2005	393.51 2005	393.63 2005	394.41 2004	394.16 2002	394.73+ 2005	394.24 2002	393.67 2005	394.00 2002	393.47 2002	m ü.M.
Monats-Minimum Jahr	392.85 2005	392.84 2005	392.87 2005	393.07 2003	393.29+ 2005	393.26 2003	393.15 2003	393.06 2003	392.91 2005	392.83 2005	392.79 2005	392.78- 2005	m ü.M.
Monats-Amplitude Jahr	0.81 2004	0.36 2005	0.51 2005	0.40 2005	0.34- 2005	0.91 2004	0.78 2002	1.45+ 2005	1.12 2002	0.82 2005	0.85 2002	0.40 2002	m
Periode	Mittel: 393.24			Spitze: 394.73 (22.08.2005)			Minimum: 392.78 (30.12.2005)			Amplitude: 1.95			

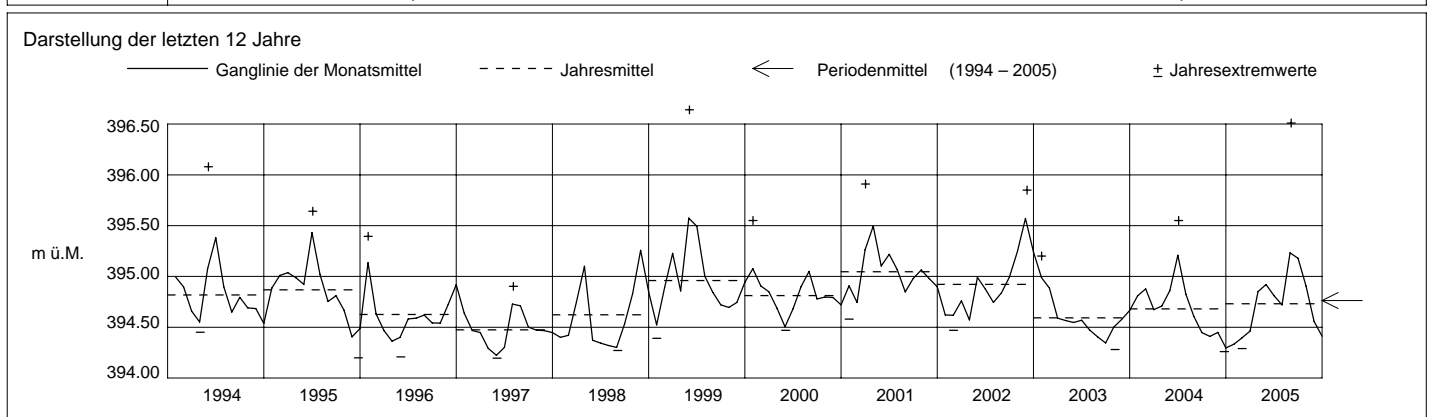


Grundwasserstände **Nr. 3425 Hünenberg - Rainmatterwald** **KANTON ZUG**
 Koordinaten: 674'127 / 227'307 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 398.105 m ü.M. OK Terrain: 397.50 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	394.33	394.33	394.51+	394.46-	395.03+	394.88+	394.67	394.66-	395.56+	394.88	394.64+	394.45+	1	
		2	394.34	394.33	394.51+	394.46-	395.01	394.87	394.66-	394.66-	395.50	394.93	394.63	394.44	2	
		3	394.35	394.33	394.51+	394.46-	394.99	394.85	394.66-	394.72	395.45	395.01	394.62	394.43	3	
		4	394.35	394.32	394.50	394.46-	394.98	394.87	394.66-	394.78	395.41	395.10	394.61	394.42	4	
		5	394.36+	394.32	394.50	394.46-	394.96	394.88+	394.72	394.81	395.37	395.14	394.61	394.42	5	
		6	394.36+	394.32	394.50	394.46-	394.96	394.88+	394.76	394.83	395.33	395.15+	394.61	394.41	6	
		7	394.36+	394.32	394.49	394.46-	394.96	394.88+	394.77	394.83	395.29	395.14	394.62	394.40-	7	
		8	394.36+	394.31	394.48	394.48	394.95	394.88+	394.79+	394.84	395.25	395.11	394.62	394.40-	8	
		9	394.36+	394.31	394.47	394.56	394.94	394.88+	394.79+	394.84	395.22	395.08	394.61	394.40-	9	
		10	394.35	394.30	394.47	394.73	394.94	394.87	394.79+	394.84	395.25	395.06	394.60	394.40-	10	
	m ü.M.	11	394.35	394.30	394.47	394.84	394.93	394.86	394.79+	394.83	395.27	395.04	394.60	394.40-	11	
		12	394.35	394.29-	394.46	394.89	394.92	394.84	394.79+	394.82	395.25	395.02	394.59	394.41	12	
		13	394.34	394.31	394.46	394.91	394.90	394.83	394.79+	394.81	395.22	395.00	394.59	394.41	13	
		14	394.34	394.35	394.46	394.91	394.89	394.82	394.77	394.80	395.20	394.98	394.58	394.41	14	
		15	394.33	394.39	394.46	394.91	394.88	394.82	394.76	394.80	395.18	394.95	394.57	394.41	15	
		16	394.33	394.41	394.45	394.90	394.86	394.82	394.75	394.86	395.16	394.93	394.57	394.41	16	
		17	394.32	394.43	394.45	394.93	394.86	394.81	394.74	394.90	395.15	394.91	394.56	394.41	17	
		18	394.32	394.45	394.45	394.97	394.84	394.81	394.73	394.92	395.15	394.89	394.55	394.42	18	
		19	394.31	394.47	394.44	395.00	394.83	394.80	394.71	394.92	395.13	394.87	394.54	394.42	19	
		20	394.31	394.48	394.44	395.04	394.82	394.79	394.70	395.12	395.11	394.84	394.53	394.42	20	
		+ Maximum	21	394.30-	394.49	394.44	395.13	394.81-	394.78	394.69	395.53	395.09	394.82	394.52	394.42	21
	22		394.30-	394.49	394.44	395.17	394.83	394.77	394.69	396.46+	395.07	394.79	394.51	394.42	22	
	23		394.31	394.50	394.44	395.18+	394.89	394.76	394.69	396.43	395.05	394.77	394.51	394.42	23	
	24		394.31	394.50	394.43-	395.18+	394.94	394.75	394.68	396.28	395.03	394.76	394.50	394.42	24	
	25		394.31	394.50	394.43-	395.15	394.97	394.74	394.67	396.14	395.00	394.74	394.50	394.42	25	
	- Minimum		26	394.32	394.51+	394.43-	395.13	394.98	394.73	394.69	396.01	394.98	394.72	394.49	394.41	26
			27	394.32	394.51+	394.44	395.10	394.97	394.72	394.70	395.92	394.96	394.71	394.48	394.41	27
			28	394.32	394.51+	394.44	395.08	394.95	394.71	394.70	395.82	394.94	394.69	394.47	394.40-	28
			29	394.33		394.45	395.07	394.94	394.70	394.69	395.74	394.92	394.67	394.46	394.40-	29
			30	394.33		394.45	395.05	394.91	394.68	394.68	395.68	394.89-	394.66	394.45-	394.40-	30
		31	394.33		394.46		394.89		394.67	395.62		394.65-		394.40-	31	
Monatsmittel		394.33-	394.40	394.46	394.85	394.92	394.81	394.72	395.23+	395.18	394.90	394.56	394.41	m ü.M.		
Spitze Datum		394.36- 5.	394.51 25.	394.51 1.	395.19 23.	395.04 1.	394.89 1.	394.80 10.	396.51+ 22.	395.59 1.	395.15 5.	394.65 1.	394.45 1.	m ü.M.		
Amplitude		0.06	0.22	0.08	0.73	0.24	0.21	0.15	1.86+	0.71	0.50	0.20	0.05-	m		
Jahr		Mittel: 394.73			Spitze: 396.51 (22.08.2005)			Minimum: 394.29 (11.02.2005)			Amplitude: 2.22					

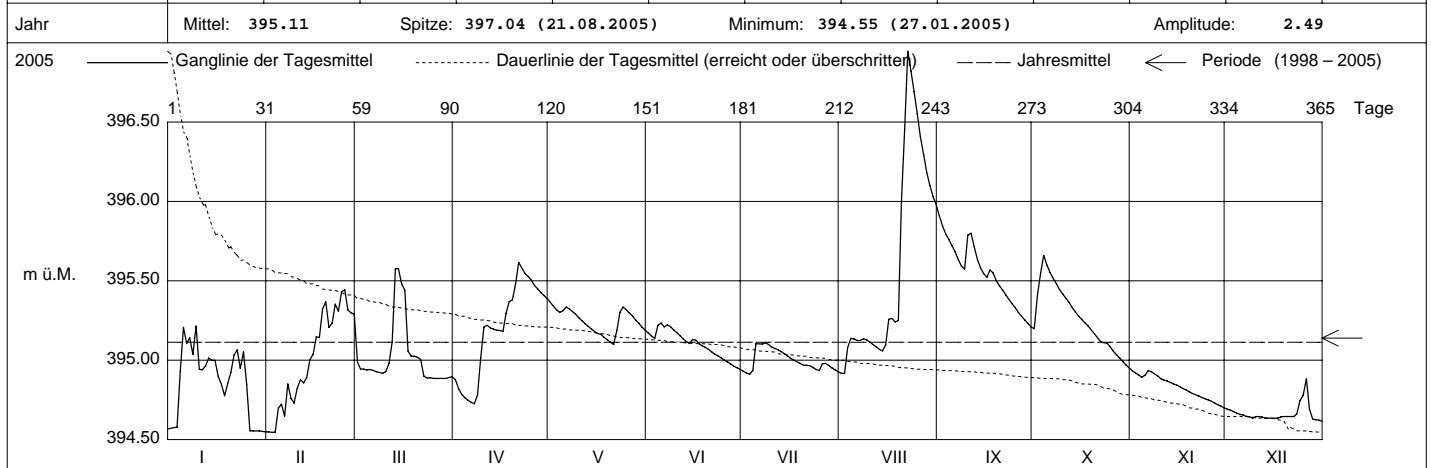


Periode		1994 - 2005 (12 Jahre)											
Monatsmittel	394.78	394.73	394.76	394.75	394.79	394.91+	394.77	394.74	394.72	394.73	394.77	394.70-	m ü.M.
Monats-Spitze Jahr	395.55 2000	395.68 1999	395.91 2001	395.91 2001	396.64+ 1999	395.81 1999	395.30- 1995	396.51 2005	395.59 2005	395.44 2002	395.85 2002	395.61 1999	m ü.M.
Monats-Minimum Jahr	394.30 2005	394.29 2005	394.31 1996	394.23 1997	394.20- 1997	394.23 1997	394.30 1998	394.27 1998	394.29 2003	394.28 2003	394.34+ 1995	394.20- 1995	m ü.M.
Monats-Amplitude Jahr	0.80 2000	1.12 1999	1.33 2001	0.73 2005	1.80 1999	0.76 1995	0.57 1995	1.86+ 2005	0.71 2005	0.50- 2005	0.76 2002	1.10 1995	m
Periode		Mittel: 394.76			Spitze: 396.64 (17.05.1999)			Minimum: 394.20 (03.05.1997)			Amplitude: 2.44		

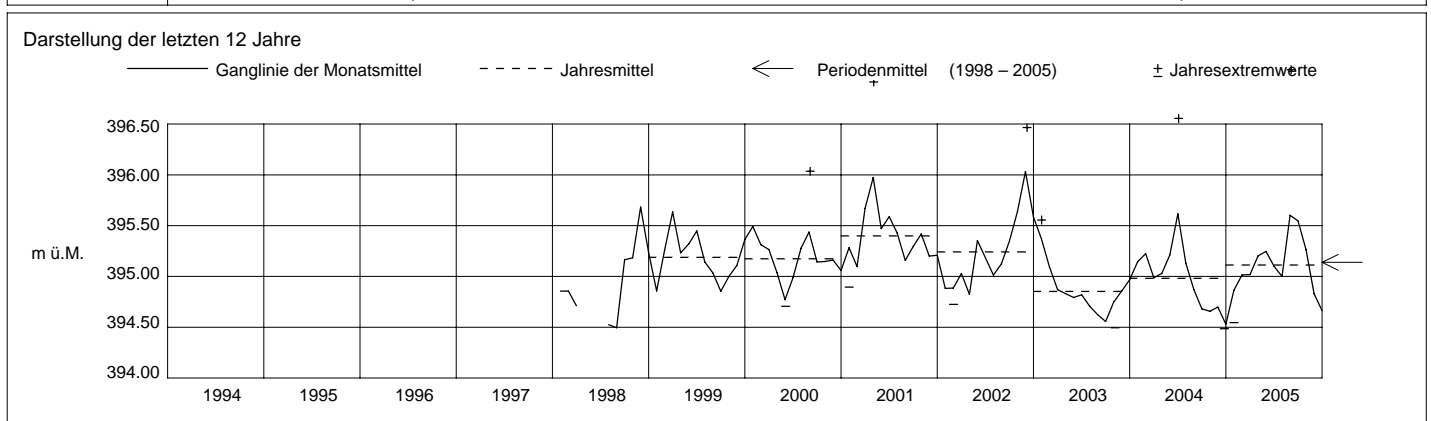


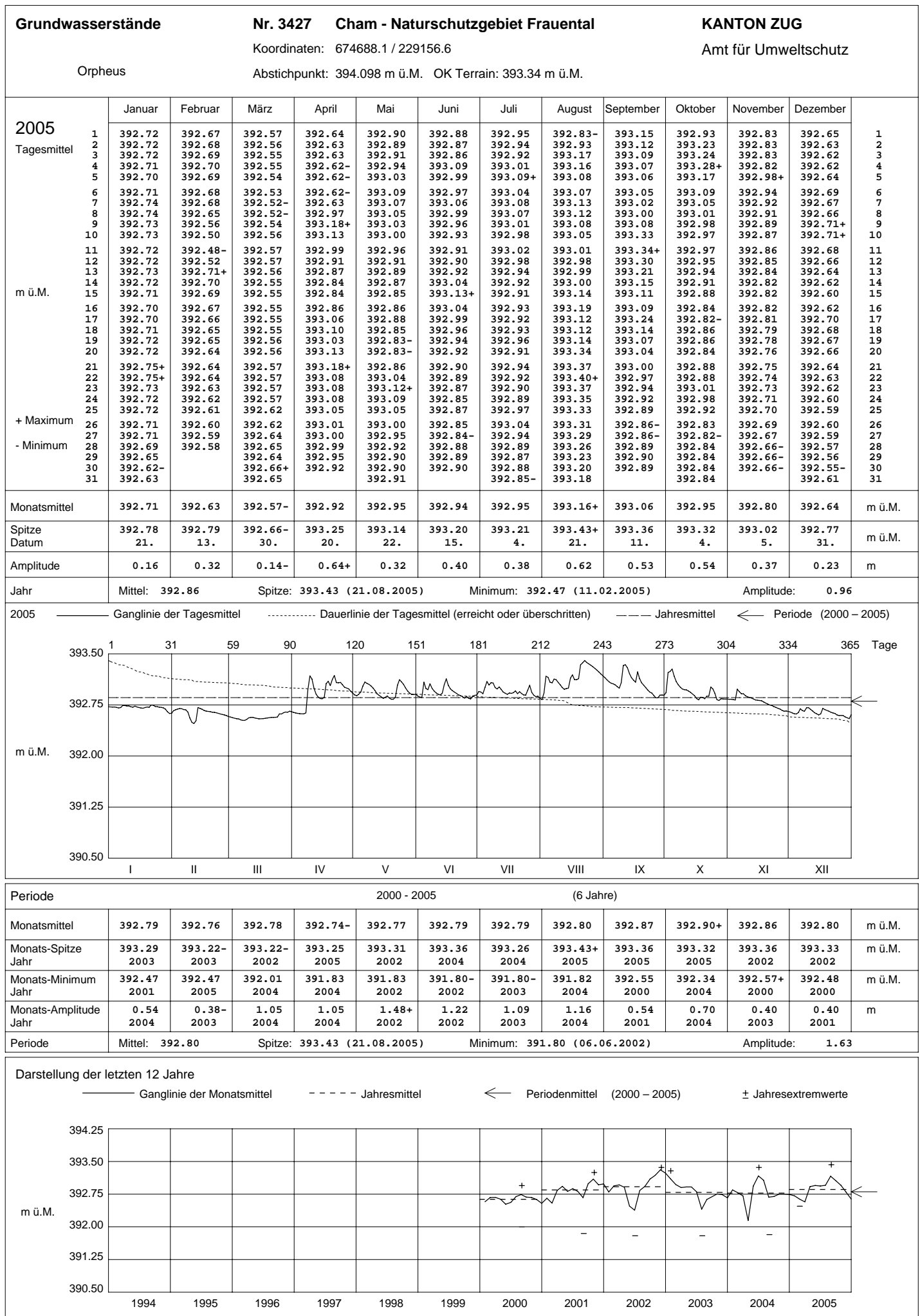
Grundwasserstände **Nr. 3426 Hünenberg - Rainmatterwald** **KANTON ZUG**
 Koordinaten: 674776 / 227292 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 397.925 m ü.M. OK Terrain: 396.88 m ü.M.**

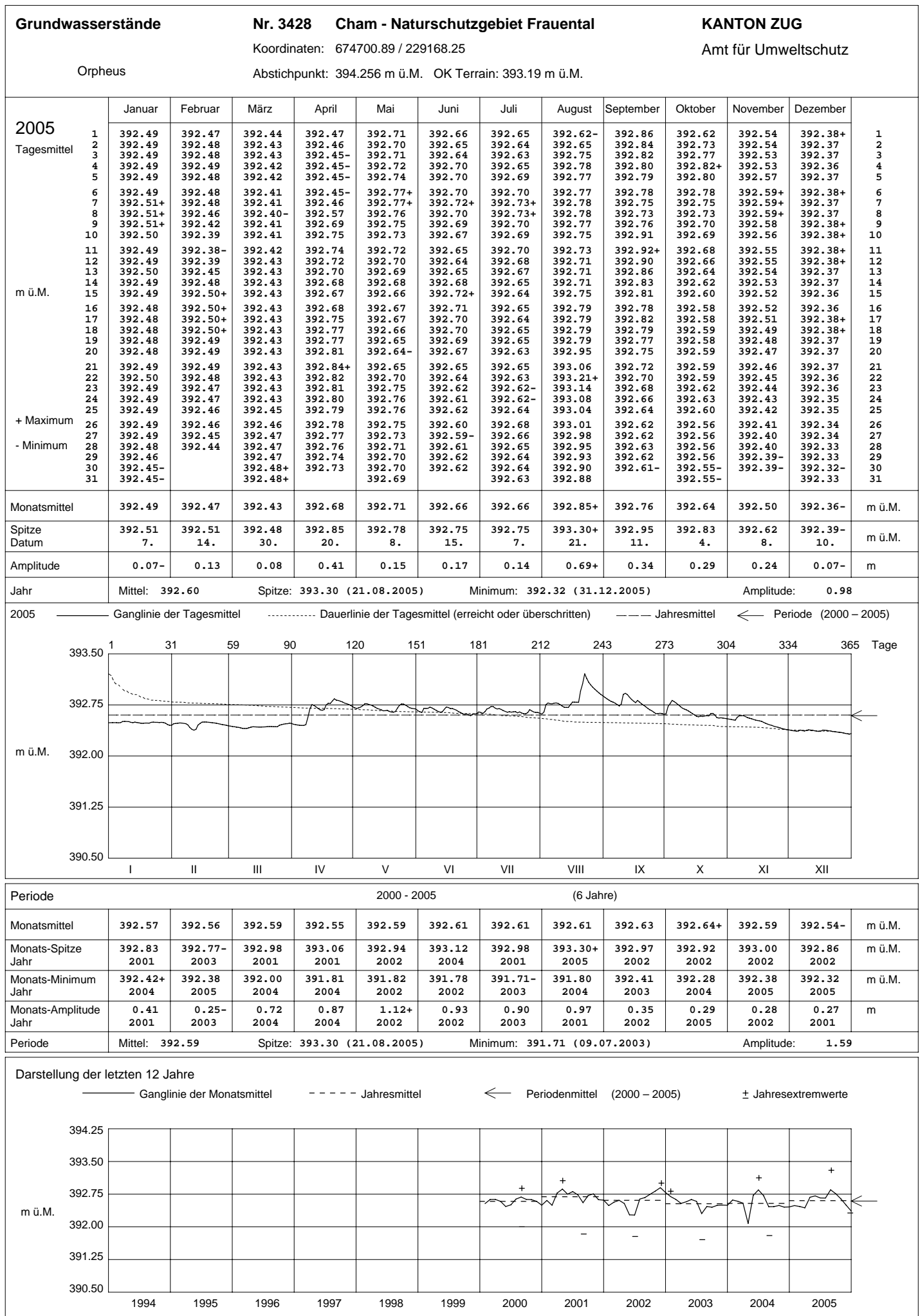
2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	394.57	394.55-	394.99	394.88	395.36+	395.17	394.93	394.92-	395.91+	395.20	394.93+	394.69	1
	2	394.58	394.55-	394.94	394.82	395.34	395.15	394.92	394.92-	395.85	395.41	394.92	394.69	2
	3	394.58	394.55-	394.94	394.78	395.32	395.14	394.91-	395.08	395.80	395.55	394.91	394.68	3
	4	394.93	394.70	394.94	394.76	395.30	395.22	394.94	395.14	395.76	395.66+	394.89	394.67	4
	5	395.21	394.72	394.94	394.75	395.31	395.23+	395.10	395.13	395.72	395.60	394.81	394.66	5
	6	395.11	394.65	394.94	394.73-	395.34	395.21	395.10	395.12	395.68	395.55	394.93+	394.66	6
	7	395.14	394.85	394.93	394.73-	395.32	395.22	395.10	395.12	395.63	395.51	394.93+	394.65	7
	8	395.04	394.76	394.92	394.78	395.31	395.21	395.11+	395.14	395.59	395.48	394.91	394.64	8
	9	395.22+	394.73	394.92	395.02	395.29	395.19	395.10	395.13	395.58	395.45	394.90	394.64	9
	10	394.94	394.82	394.93	395.21	395.27	395.17	395.08	395.11	395.79	395.42	394.88	394.64	10
m ü.M.	11	394.94	394.88	394.98	395.22	395.25	395.15	395.07	395.10	395.80	395.39	394.88	394.65	11
	12	394.96	394.86	395.12	395.20	395.23	395.13	395.07	395.08	395.71	395.36	394.87	394.64	12
	13	395.01	394.89	395.58+	395.20	395.21	395.12	395.05	395.07	395.63	395.33	394.86	394.64	13
	14	395.00	395.00	395.58+	395.19	395.20	395.11	395.04	395.06	395.58	395.30	394.85	394.64	14
	15	395.00	395.04	395.48	395.19	395.18	395.13	395.03	395.10	395.55	395.28	394.84	394.64	15
	16	394.90	395.15	395.44	395.18	395.17	395.13	395.01	395.26	395.52	395.26	394.83	394.64	16
	17	394.85	395.14	395.06	395.29	395.16	395.10	395.00	395.26	395.57	395.24	394.82	394.64	17
	18	394.78	395.32	395.03	395.37	395.14	395.09	394.99	395.24	395.55	395.22	394.81	394.64	18
	19	394.85	395.37	395.03	395.38	395.13	395.08	394.98	395.25	395.50	395.19	394.80	394.65	19
	20	394.92	395.21	395.02	395.48	395.11	395.07	394.97	395.99	395.47	395.17	394.79	394.65	20
	+ Maximum	21	395.03	395.23	395.00	395.62+	395.10-	395.05	394.97	396.45	395.44	395.14	394.78	394.65
22		395.06	395.35	394.90	395.58	395.18	395.04	394.97	396.95+	395.41	395.12	394.77	394.65	22
23		394.95	395.31	394.89-	395.55	395.30	395.03	394.95	396.82	395.38	395.11	394.77	394.66	23
24		395.05	395.43	394.89-	395.53	395.33	395.02	394.94	396.69	395.36	395.11	394.76	394.75	24
25		394.85	395.44+	394.89-	395.50	395.32	395.00	394.93	396.55	395.33	395.08	394.75	394.78	25
26		394.56	395.32	394.89-	395.47	395.30	394.99	394.98	396.40	395.30	395.06	394.74	394.88+	26
27		394.55-	395.30	394.89-	395.45	395.28	394.98	394.98	396.30	395.28	395.03	394.73	394.69	27
28		394.55-	395.29	394.89-	395.43	395.25	394.96	394.97	396.19	395.25	395.01	394.72	394.63	28
29		394.55-		394.89-	395.41	395.23	394.95	394.95	396.10	395.23	394.99	394.71	394.63	29
30		394.55-		394.89-	395.39	395.21	394.94-	394.94	396.03	395.21-	394.97	394.70-	394.62-	30
31		394.55-		394.90		395.19		394.93	395.98		394.95-		394.62-	31
Monatsmittel		394.86	395.01	395.02	395.20	395.25	395.10	395.00	395.60+	395.55	395.26	394.83	394.66-	m ü.M.
Spitze Datum		395.67 5.	395.98 25.	396.08 15.	395.63 21.	395.38 1.	395.25 4.	395.12 5.	397.04+ 21.	395.95 1.	395.68 4.	394.95- 1.	395.14 26.	m ü.M.
Amplitude		1.12	1.43	1.20	0.90	0.28	0.31	0.21-	2.13+	0.75	0.73	0.25	0.52	m
Jahr		Mittel: 395.11			Spitze: 397.04 (21.08.2005)			Minimum: 394.55 (27.01.2005)			Amplitude: 2.49			



Periode 1998 - 2005 (8 Jahre)													
Monatsmittel	395.13	395.13	395.21	395.16	395.15	395.23+	395.10	395.12	395.06-	395.13	395.20	395.08	m ü.M.
Monats-Spitze Jahr	395.99 2000	396.24 1999	396.23 2001	396.92 2001	396.31 1999	396.56 2004	396.07 2001	397.04 2005	395.95- 2005	395.99 2002	396.47 2002	397.93+ 1999	m ü.M.
Monats-Minimum Jahr	394.55 2005	394.55 2005	394.66 1998	394.73+ 2005	394.55 1998	391.31- 1999	393.42 1999	394.10 1999	394.39 1999	394.41 1999	394.60 2004	393.28 1999	m ü.M.
Monats-Amplitude Jahr	1.12 2005	1.43 2005	1.32 2001	1.28 2001	1.11 1999	4.59 1999	2.10 1999	2.13 2005	0.83 1999	0.73- 1999	1.02 2002	4.65+ 1999	m
Periode	Mittel: 395.14			Spitze: 397.93 (28.12.1999)			Minimum: 391.31 (16.06.1999)			Amplitude: 6.62			

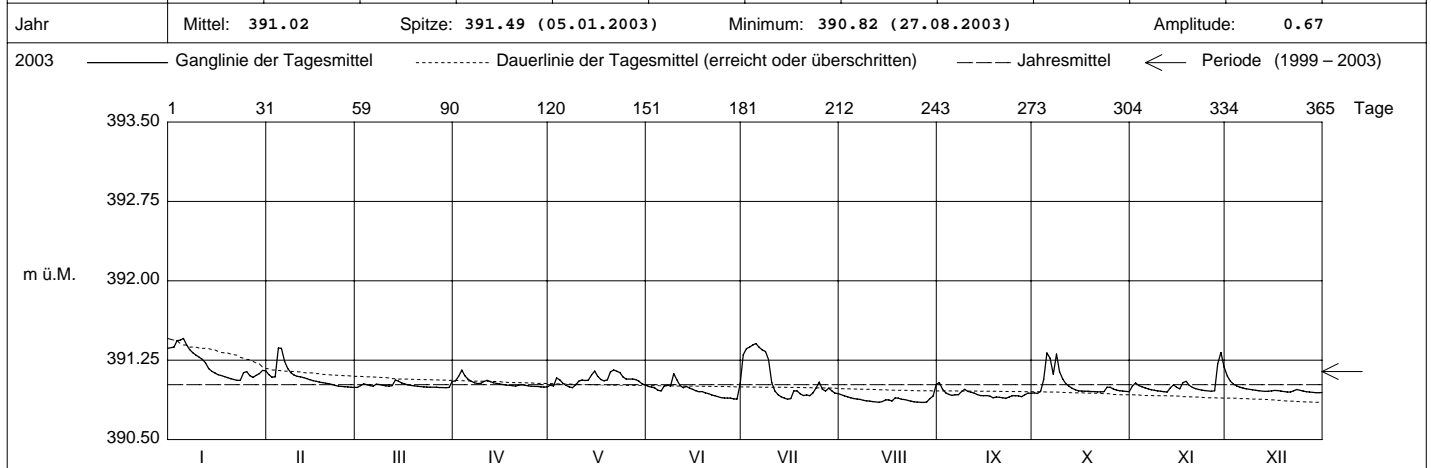






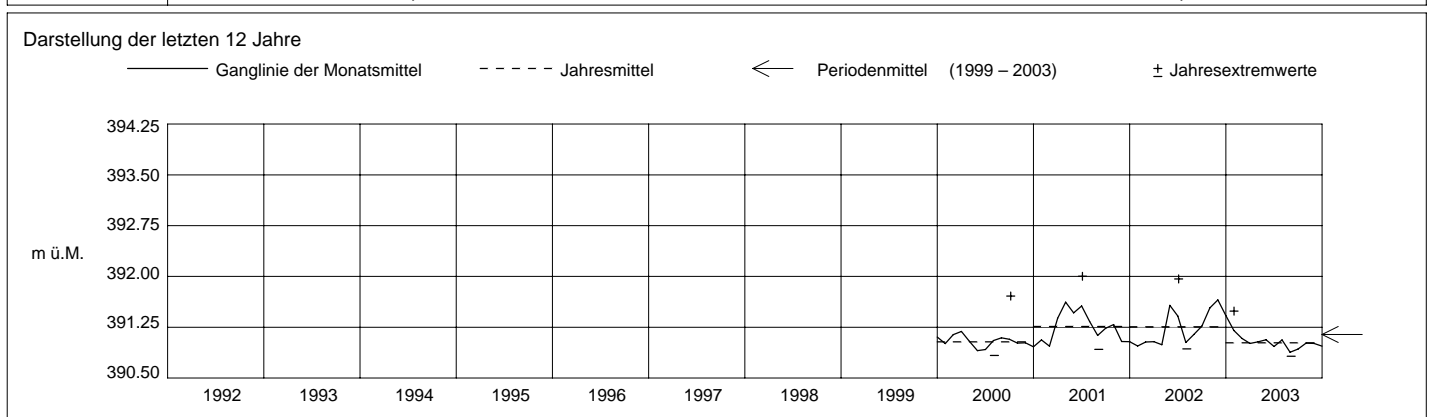
Grundwasserstände **Nr. 3429 Cham - Naturschutzgebiet Frauental** **KANTON ZUG**
 Koordinaten: 674736.12 / 229229.35 **Amt für Umweltschutz**
 Orpheus **Abstichpunkt: 393.143 m ü.M. OK Terrain: 392.17 m ü.M.**

2003		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tagesmittel	1	391.36	391.11	390.99-	391.05	391.01	391.00	391.30	390.92	391.04+	390.94-	391.00	391.10+	1		
	2	391.37	391.09	391.01	391.10	391.01	391.00	391.36	390.91	390.98	390.94-	391.04	391.05	2		
	3	391.43	391.09	391.03	391.16+	391.08	390.99	391.37	390.90	390.94	390.96	391.01	391.02	3		
	4	391.44	391.36+	391.02	391.10	391.06	390.97	391.39	390.89	390.93	391.07	391.00	391.01	4		
	5	391.46+	391.36+	391.01	391.07	391.03	390.96	391.41+	390.89	390.92	391.32+	390.99	390.99	5		
	6	391.39	391.24	391.00	391.05	391.01	391.00	391.37	390.88	390.92	391.27	390.98	390.99	6		
	7	391.35	391.17	391.02	391.04	391.00	391.01	391.35	390.88	390.92	391.12	390.97	390.98	7		
	8	391.32	391.13	391.02	391.03	390.99-	391.01	391.33	390.87	390.95	391.31	390.96	390.97	8		
	9	391.30	391.11	391.01	391.03	391.02	391.12+	391.26	390.87	390.97	391.14	390.96	390.97	9		
	10	391.28	391.10	391.01	391.05	391.05	391.06	391.04	390.86	390.96	391.07	390.96	390.97	10		
	11	391.26	391.09	391.00	391.06	391.06	391.01	390.96	390.86	390.95	391.03	390.95-	390.96	11		
	12	391.22	391.08	391.01	391.05	391.06	390.99	390.99	390.85-	390.94	391.00	390.95-	390.96	12		
	13	391.17	391.08	391.06+	391.04	391.06	391.00	390.90	390.85-	390.92	390.98	390.99	390.96	13		
	m ü.M.	14	391.14	391.07	391.05	391.03	391.11	390.99	390.89	390.86	390.92	390.97	391.02	390.96	14	
	15	391.13	391.06	391.04	391.02	391.15	390.97	390.88-	390.87	390.91	390.96	390.99	390.96	15		
	16	391.11	391.05	391.02	391.02	391.10	390.96	390.89	390.87	390.91	390.96	390.98	390.96	16		
	17	391.10	391.04	391.02	391.02	391.07	390.95	390.96	390.86	390.91	390.96	391.04	390.96	17		
	18	391.09	391.04	391.01	391.01	391.05	390.95	390.96	390.89	390.89-	390.96	391.05	390.96	18		
	19	391.08	391.03	391.01	391.01	391.06	390.94	390.93	390.89	390.90	390.95	391.01	390.95	19		
	20	391.07	391.03	391.00	391.01	391.14	390.93	390.92	390.88	390.90	390.95	390.99	390.95	20		
	+ Maximum	21	391.07	391.02	391.00	391.01	391.16+	390.92	390.92	390.88	390.89-	390.95	390.98	390.95	21	
		22	391.06-	391.01	391.00	391.02	391.14	390.91	390.91	390.87	390.89-	390.95	390.97	390.96	22	
		23	391.06-	391.01	391.00	391.01	391.13	390.91	390.94	390.86	390.90	390.95	390.97	390.97	23	
		24	391.13	391.00	390.99-	391.01	391.09	390.90	390.99	390.86	390.91	390.99	390.96	390.97	24	
		25	391.14	391.00	390.99-	391.00	391.07	390.89	391.04	390.85-	390.91	390.99	390.96	390.96	25	
		26	391.10	391.00	390.99-	391.00	391.07	390.89	390.98	390.85-	390.91	390.98	390.96	390.95	26	
		27	391.09	390.99-	390.99-	391.00	391.07	390.89	390.96	390.85-	390.90	390.97	390.96	390.95	27	
		- Minimum	28	391.11	390.99-	390.99-	391.00	391.07	390.88-	390.98	390.85-	390.92	390.96	391.22	390.95	28
			29	391.12	390.99-	390.99-	390.99-	391.05	390.88-	390.96	390.89	390.94	390.96	391.32+	390.94-	29
			30	391.15	390.99-	390.99-	391.00	391.03	391.03	390.94	390.91	390.94	390.96	391.18	390.94-	30
			31	391.15	391.05	391.05	391.02	391.02	391.02	390.93	391.02+	390.95	390.95	390.94-	390.94-	31
Monatsmittel	391.20+	391.08	391.01	391.03	391.06	390.96	391.06	390.88-	390.93	391.01	391.01	390.97	m ü.M.			
Spitze Datum	391.49+ 5.	391.43 4.	391.07- 13.	391.17 3.	391.17 21.	391.16 30.	391.43 4.	391.11 31.	391.09 1.	391.38 5.	391.37 29.	391.13 1.	m ü.M.			
Amplitude	0.43	0.44	0.08-	0.18	0.19	0.30	0.57+	0.29	0.22	0.46	0.43	0.19	m			
Jahr	Mittel: 391.02		Spitze: 391.49 (05.01.2003)				Minimum: 390.82 (27.08.2003)				Amplitude: 0.67					



Periode 1999 - 2003 (5 Jahre)

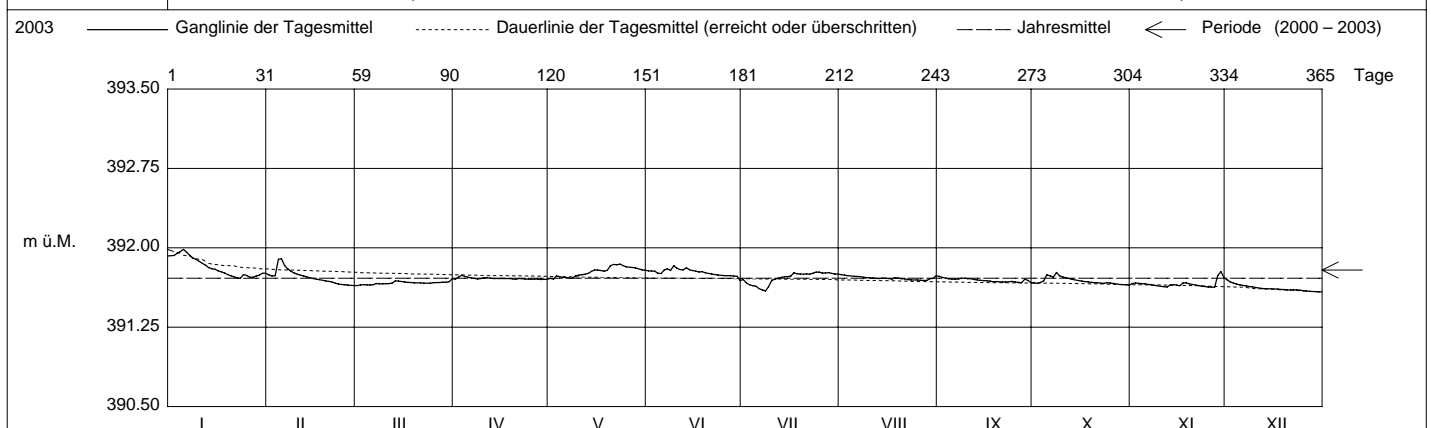
Monatsmittel	391.07	391.06-	391.15	391.17	391.25+	391.22	391.12	391.06-	391.12	391.21	391.18	391.10	m ü.M.
Monats-Spitze Jahr	391.50 2001	391.43- 2003	391.84 2001	391.96 2001	391.94 2002	392.00+ 2001	391.98 2001	391.87 2002	391.91 2001	391.81 2002	391.94 2002	391.75 1999	m ü.M.
Monats-Minimum Jahr	390.94 2001	390.95+ 2001	390.95+ 2001	390.94 2000	390.86 2000	390.84 2000	390.83 2000	390.82- 2003	390.87 2003	390.92 2003	390.95+ 2003	390.94 1999	m ü.M.
Monats-Amplitude Jahr	0.56 2001	0.44- 2003	0.89 2001	0.61 2001	0.96 2002	0.97+ 2002	0.92 2001	0.91 2002	0.91 2002	0.71 2001	0.67 2002	0.81 1999	m
Periode	Mittel: 391.14		Spitze: 392.00 (10.06.2001)				Minimum: 390.82 (27.08.2003)				Amplitude: 1.18		



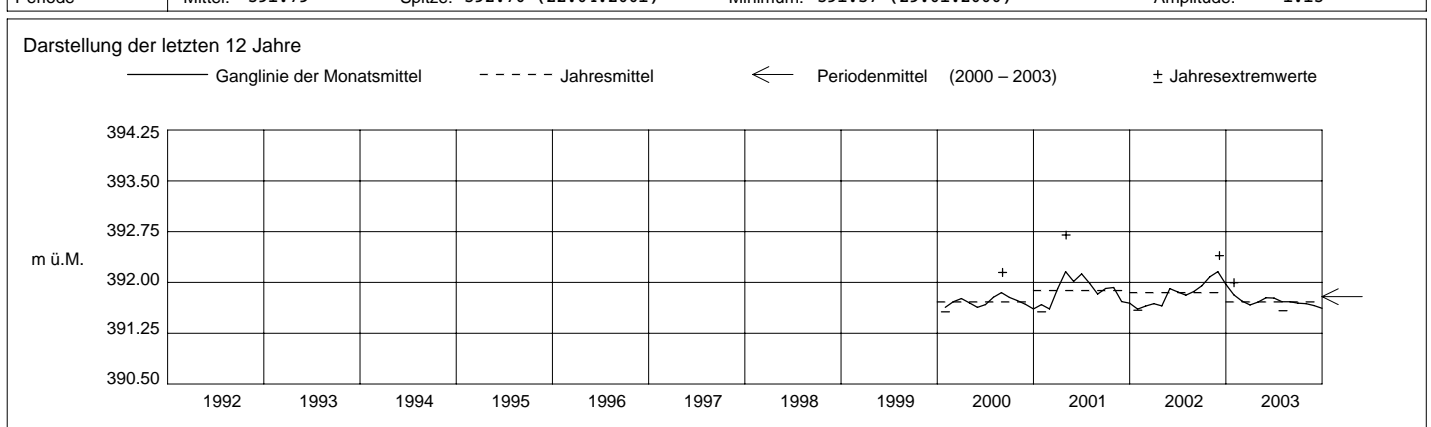
Grundwasserstände **Nr. 3430 Cham - Naturschutzgebiet Frauental** **KANTON ZUG**
 Koordinaten: 674726.73 / 229097.99 **Amt für Umweltschutz**
 Orpheus **Abstichpunkt: 393.523 m ü.M. OK Terrain: 392.74 m ü.M.**

2003		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	391.92	391.74	391.64-	391.70-	391.71	391.78	391.70	391.75+	391.73+	391.67	391.66	391.70+	1	
	2	391.93	391.73	391.65	391.72	391.70-	391.78	391.67	391.74	391.72	391.66	391.67	391.68	2	
	3	391.95	391.74	391.65	391.74+	391.74	391.78	391.65	391.74	391.71	391.67	391.66	391.67	3	
	4	391.96	391.89	391.65	391.73	391.73	391.76	391.64	391.73	391.71	391.69	391.66	391.66	4	
	5	391.99+	391.90+	391.65	391.72	391.72	391.76	391.64	391.73	391.70	391.74	391.66	391.65	5	
	6	391.96	391.83	391.65	391.72	391.72	391.79	391.61	391.73	391.70	391.74	391.65	391.64	6	
	7	391.93	391.80	391.66	391.71	391.71	391.80	391.60	391.73	391.70	391.72	391.65	391.64	7	
	8	391.90	391.78	391.66	391.71	391.71	391.79	391.59-	391.72	391.71	391.67+	391.64	391.63	8	
	9	391.89	391.76	391.66	391.71	391.73	391.83+	391.63	391.72	391.71	391.74	391.64	391.63	9	
	10	391.87	391.75	391.66	391.72	391.74	391.81	391.69	391.72	391.71	391.73	391.64	391.62	10	
	m ü.M.	11	391.85	391.74	391.66	391.72	391.75	391.79	391.70	391.71	391.71	391.72	391.63-	391.62	11
		12	391.83	391.73	391.67	391.71	391.75	391.79	391.71	391.70	391.70	391.71	391.63-	391.62	12
		13	391.81	391.73	391.69	391.71	391.76	391.81	391.72	391.71	391.70	391.70	391.65	391.61	13
		14	391.80	391.72	391.69	391.71	391.78	391.79	391.73	391.71	391.69	391.70	391.65	391.61	14
		15	391.80	391.71	391.68	391.71	391.79	391.78	391.73	391.71	391.69	391.69	391.65	391.61	15
		16	391.78	391.70	391.68	391.71	391.79	391.78	391.73	391.71	391.69	391.69	391.64	391.61	16
		17	391.77	391.70	391.67	391.71	391.78	391.77	391.76	391.71	391.69	391.68	391.67	391.61	17
		18	391.76	391.69	391.67	391.71	391.78	391.77	391.75	391.72	391.68	391.68	391.67	391.61	18
		19	391.75	391.69	391.67	391.71	391.79	391.76	391.75	391.71	391.68	391.67	391.66	391.60	19
		20	391.74	391.68	391.67	391.70-	391.83	391.76	391.75	391.71	391.68	391.67	391.65	391.60	20
		+ Maximum	21	391.73	391.68	391.67	391.71	391.84	391.75	391.75	391.71	391.68	391.67	391.65	391.60
	22		391.72	391.67	391.67	391.71	391.84	391.75	391.75	391.70	391.68	391.67	391.64	391.60	22
	23		391.71-	391.66	391.67	391.71	391.85+	391.74	391.76	391.70	391.68	391.66	391.64	391.60	23
	24		391.75	391.65	391.67	391.70-	391.83	391.74	391.77+	391.70	391.68	391.67	391.63-	391.60	24
	25		391.74	391.65	391.67	391.70-	391.82	391.74	391.77+	391.70	391.68	391.67	391.63-	391.59	25
	26		391.72	391.65	391.67	391.70-	391.82	391.74	391.76	391.69-	391.67-	391.66	391.63-	391.59	26
	27		391.72	391.64-	391.67	391.70-	391.81	391.74	391.76	391.69-	391.67-	391.66	391.63-	391.59	27
	28		391.73	391.64-	391.67	391.70-	391.81	391.73	391.76	391.69-	391.70	391.65-	391.74	391.59	28
	29		391.74		391.68	391.70-	391.80	391.73	391.76	391.71	391.69	391.65-	391.77+	391.59	29
	30		391.76		391.68	391.70-	391.79	391.69-	391.75	391.71	391.67-	391.65-	391.72	391.58-	30
	31		391.76		391.71+		391.79		391.75	391.74		391.65-		391.58-	31
Monatsmittel		391.82+	391.72	391.67	391.71	391.77	391.77	391.71	391.71	391.69	391.69	391.66	391.62-	m ü.M.	
Spitze Datum		392.00+ 5.	391.93 4.	391.71- 31.	391.75 2.	391.85 23.	391.85 9.	391.79 24.	391.75 1.	391.74 1.	391.79 8.	391.81 28.	391.71- 1.	m ü.M.	
Amplitude		0.29+	0.29+	0.07	0.05-	0.15	0.19	0.21	0.07	0.07	0.14	0.18	0.12	m	

Jahr Mittel: 391.71 Spitze: 392.00 (05.01.2003) Minimum: 391.58 (09.07.2003) Amplitude: 0.42



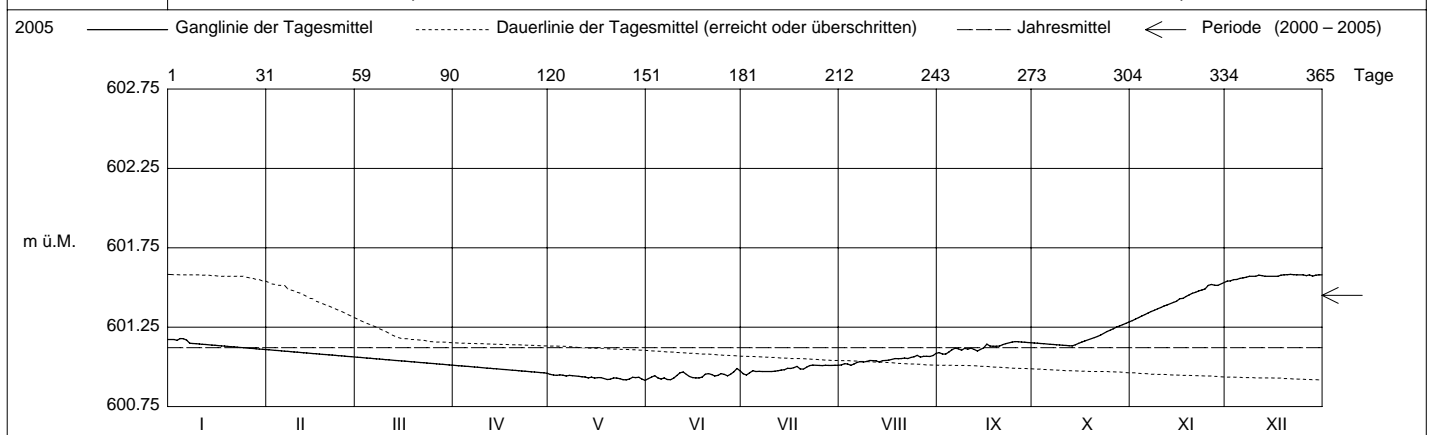
Periode 2000 - 2003 (4 Jahre)													
Monatsmittel	391.69	391.67-	391.76	391.81	391.83	391.86+	391.82	391.81	391.83	391.86+	391.80	391.72	m ü.M.
Monats-Spitze Jahr	392.00 2003	391.93- 2003	392.27 2001	392.70+ 2001	392.32 2002	392.49 2001	392.40 2001	392.15 2000	392.35 2002	392.21 2001	392.40 2002	392.11 2002	m ü.M.
Monats-Minimum Jahr	391.57- 2000	391.58 2000	391.58 2001	391.63 2002	391.61 2000	391.64 2000	391.58 2003	391.68+ 2003	391.67 2003	391.64 2003	391.63 2003	391.57- 2000	m ü.M.
Monats-Amplitude Jahr	0.35 2001	0.29 2003	0.68 2001	0.77+ 2001	0.65 2002	0.60 2001	0.52 2001	0.40 2000	0.56 2002	0.35 2001	0.48 2002	0.27- 2001	m
Periode	Mittel: 391.79			Spitze: 392.70 (22.04.2001)				Minimum: 391.57 (29.01.2000)				Amplitude: 1.13	



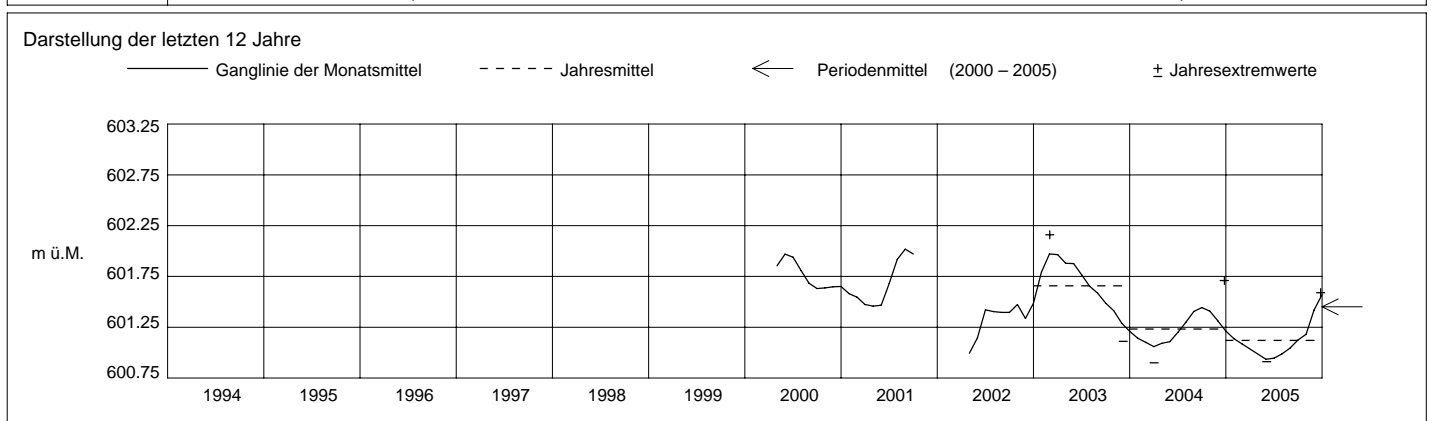
Grundwasserstände **Nr. 2010 Menzingen - Winzwilen - Süd** **KANTON ZUG**
 Koordinaten: 688'297 / 226'605 **Amt für Umweltschutz**
 Orpheus Mini **Abstichpunkt: 687.34 m ü.M. OK Terrain: 687.53 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	601.17	601.11+	601.06+	601.01+	600.95+	600.93	600.96	601.01-	601.09	601.15	601.29-	601.54-	1	
		2	601.17	601.11+	601.06+	601.01+	600.95+	600.94	600.95-	601.02	601.08-	601.15	601.30	601.54-	2	
		3	601.17	601.10	601.06+	601.01+	600.95+	600.94	600.96	601.02	601.08-	601.15	601.31	601.55	3	
		4	601.18+	601.10	601.06+	601.00	600.95+	600.93	600.98	601.01-	601.09	601.15	601.32	601.55	4	
		5	601.18+	601.10	601.05	601.00	600.95+	600.92-	600.97	601.02	601.11	601.14	601.33	601.56	5	
		6	601.17	601.10	601.05	601.00	600.94	600.93	600.97	601.03	601.12	601.14	601.34	601.56	6	
		7	601.15	601.10	601.05	601.00	600.95+	600.92-	600.97	601.03	601.11	601.14	601.35	601.56	7	
		8	601.15	601.10	601.05	601.00	600.94	600.92-	600.97	601.03	601.11	601.14	601.36	601.57	8	
		9	601.15	601.09	601.05	601.00	600.94	600.93	600.97	601.03	601.12	601.14	601.37	601.57	9	
		10	601.14	601.09	601.05	600.99	600.94	600.95	600.97	601.04	601.11	601.14	601.37	601.57	10	
	m ü.M.	11	601.14	601.09	601.04	600.99	600.94	600.96	600.97	601.04	601.12	601.13-	601.38	601.58+	11	
		12	601.14	601.09	601.04	600.99	600.94	600.97	600.98	601.04	601.11	601.13-	601.39	601.57	12	
		13	601.14	601.09	601.04	600.99	600.93	600.95	600.98	601.03	601.10	601.13-	601.40	601.57	13	
		14	601.14	601.09	601.04	600.99	600.94	600.94	600.98	601.04	601.11	601.14	601.41	601.57	14	
		15	601.14	601.08	601.04	600.99	600.93	600.93	600.99	601.04	601.12	601.15	601.41	601.57	15	
		16	601.13	601.08	601.04	600.98	600.93	600.93	600.99	601.04	601.14	601.16	601.43	601.57	16	
		17	601.13	601.08	601.03	600.98	600.93	600.93	600.99	601.05	601.13	601.16	601.43	601.57	17	
		18	601.13	601.08	601.03	600.98	600.93	600.94	601.00	601.05	601.13	601.17	601.44	601.58+	18	
		19	601.13	601.08	601.03	600.98	600.92-	600.95	600.99	601.05	601.13	601.18	601.45	601.58+	19	
		20	601.13	601.08	601.03	600.98	600.92-	600.96	600.99	601.05	601.13	601.18	601.46	601.58+	20	
	+ Maximum	21	601.13	601.07	601.03	600.98	600.93	600.95	601.00	601.06	601.14	601.19	601.47	601.58+	21	
		22	601.12	601.07	601.03	600.97	600.93	600.94	601.01+	601.05	601.15	601.20	601.48	601.58+	22	
		23	601.12	601.07	601.02	600.97	600.93	600.95	601.01+	601.06	601.15	601.21	601.48	601.58+	23	
		24	601.12	601.07	601.02	600.97	600.92-	600.96	601.01+	601.06	601.16+	601.22	601.49	601.58+	24	
		25	601.12	601.07	601.02	600.97	600.92-	600.95	601.01+	601.07	601.16+	601.23	601.51	601.58+	25	
		26	601.12	601.07	601.02	600.97	600.92-	600.94	601.01+	601.06	601.16+	601.24	601.52	601.57	26	
		27	601.12	601.06-	601.02	600.97	600.93	600.95	601.01+	601.07	601.16+	601.25	601.51	601.58+	27	
		- Minimum	28	601.11-	601.06-	601.02	600.96-	600.93	600.97	601.01+	601.07	601.15	601.26	601.51	601.57	28
			29	601.11-		601.01-	600.96-	600.93	600.99+	601.01+	601.07	601.15	601.27	601.52	601.58+	29
			30	601.11-		601.01-	600.96-	600.92-	600.97	601.01+	601.07	601.15	601.27	601.53+	601.58+	30
			31	601.11-		601.01-	600.96-	600.92-		601.01+	601.09+		601.28+		601.58+	31
Monatsmittel	601.14		601.08	601.04	600.98	600.93-	600.94	600.99	601.04	601.13	601.18	601.42	601.57+	m ü.M.		
Spitze Datum	601.37 5.		601.11 1.	601.06 1.	601.01 1.	600.96- 1.	601.00 29.	601.02 23.	601.09 31.	601.16 23.	601.29 31.	601.54 30.	601.59+ 20.	m ü.M.		
Amplitude	0.26+	0.05-	0.05-	0.06	0.05-	0.09	0.08	0.08	0.08	0.16	0.25	0.05-	m			

Jahr Mittel: 601.12 Spitze: 601.59 (20.12.2005) Minimum: 600.91 (24.05.2005) Amplitude: 0.68

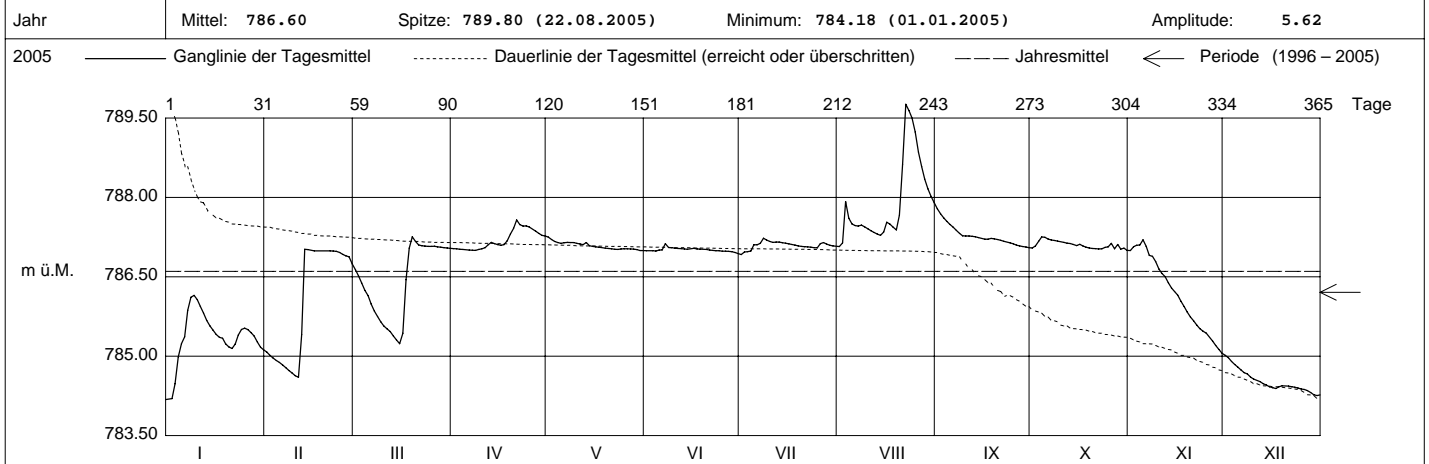


Periode 2000 - 2005 (6 Jahre)													
Monatsmittel	601.41	601.42	601.38-	601.45	601.42	601.49	601.51	601.52+	601.49	601.42	601.40	601.43	m ü.M.
Monats-Spitze Jahr	602.12 2003	602.16+ 2003	602.08 2003	602.01 2003	602.06 2000	602.03 2000	602.01 2001	602.07 2001	602.07 2001	601.92 2002	601.87 2000	601.83- 2000	m ü.M.
Monats-Minimum Jahr	601.01 2004	600.97 2004	600.90 2004	600.75 2002	600.61- 2002	600.91 2005	600.94 2005	601.01 2005	601.08 2005	601.13+ 2005	601.11 2003	601.11 2003	m ü.M.
Monats-Amplitude Jahr	0.51 2003	0.61 2001	0.71 2001	0.60 2001	1.09+ 2002	0.34 2001	0.31 2000	0.19- 2002	0.28 2000	0.66 2002	0.41 2000	0.56 2004	m
Periode	Mittel: 601.45			Spitze: 602.16 (04.02.2003)			Minimum: 600.61 (07.05.2002)			Amplitude: 1.55			

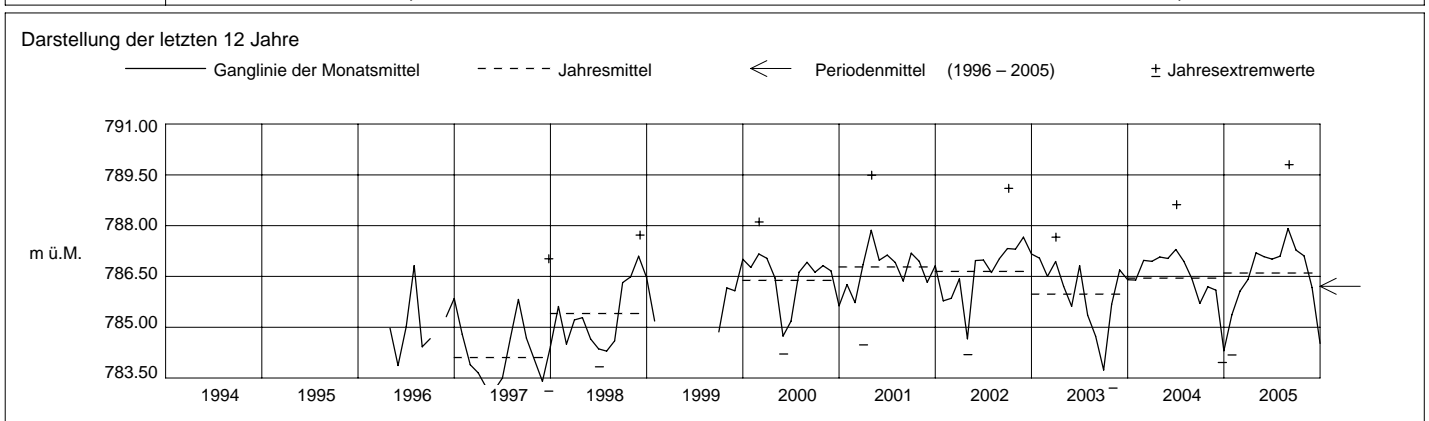


Grundwasserstände **Nr. 2031 Menzigen - KIBAG 4 - Bergli** **KANTON ZUG**
 Koordinaten: 685'833 / 224'383 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 813.58 m ü.M. OK Terrain: 812.91 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember				
2005	Tagesmittel	1	784.18-	785.08	786.63	787.03	787.25+	786.99	786.92-	787.07-	787.79+	787.04	787.00	785.01+	1		
		2	784.20	785.01	786.52	787.03	787.21	786.99	786.97	787.14	787.69	787.08	787.07	787.10	784.97	2	
		3	784.48	784.96	786.38	787.02	787.17	786.99	786.98	787.92	787.61	787.17	787.10	787.07	784.90	3	
		4	784.99	784.92	786.24	787.02	787.15	786.99	786.99	787.61	787.55	787.25+	787.10	787.10	784.84	4	
		5	785.24	784.88	786.14	787.01	787.13	787.01	787.10	787.50	787.49	787.25+	787.20+	787.10	784.79	5	
		6	785.37	784.83	785.99	787.01	787.14	787.01	787.11	787.47	787.44	787.21	787.21	787.08	784.74	6	
		7	785.87	784.78	785.85	787.00-	787.15	787.13+	787.13	787.46	787.38	787.20	786.91	786.91	784.69	7	
		8	786.11	784.73	785.75	787.00-	787.15	787.06	787.23+	787.48	787.32	787.19	786.89	786.89	784.66	8	
		9	786.15+	784.68	785.65	787.02	787.15	787.05	787.20	787.45	787.27	787.17	786.79	786.79	784.60	9	
		10	786.07	784.63	785.57	787.03	787.13	787.04	787.17	787.41	787.27	787.16	786.65	786.65	784.57	10	
	m ü.M.	11	785.94	784.60-	785.52	787.05	787.12	787.03	787.15	787.37	787.27	787.15	786.56	786.56	784.54	11	
		12	785.81	785.41	785.47	787.11	787.11	787.03	787.16	787.34	787.26	787.14	786.50	786.50	784.52	12	
		13	785.67	787.02+	785.38	787.15	787.15	787.03	787.16	787.31	787.26	787.13	786.39	786.39	784.48	13	
		14	785.57	787.02+	785.31	787.13	787.09	787.02	787.15	787.28	787.24	787.11	786.29	786.29	784.45	14	
		15	785.49	787.00	785.24-	787.11	787.08	787.03	787.14	787.35	787.23	787.09	786.22	786.22	784.42	15	
		16	785.41	786.99	785.43	787.10	787.07	787.04	787.12	787.53	787.21	787.11	786.15	786.15	784.40	16	
		17	785.36	786.99	786.44	787.11	787.06	787.03	787.11	787.50	787.21	787.09	786.04	786.04	784.39	17	
		18	785.34	786.99	787.04	787.18	787.05	787.02	787.10	787.44	787.23	787.06	785.94	785.94	784.42	18	
		19	785.23	786.99	787.26+	787.31	787.04	787.02	787.08	787.39	787.22	787.04	785.83	785.83	784.44	19	
		20	785.18	786.99	787.17	787.42	787.03	787.02	787.08	787.66	787.21	787.04	785.74	785.74	784.44	20	
		+ Maximum	21	785.14	786.99	787.10	787.57+	787.03	787.01	787.07	788.63	787.19	787.03	785.67	785.67	784.43	21
	22		785.23	786.99	787.09	787.49	787.02	787.00	787.07	789.76+	787.17	787.03	785.59	785.59	784.42	22	
	23		785.40	786.98	787.08	787.46	787.02	786.99	787.06	789.64	787.16	787.03	785.52	785.52	784.41	23	
	24		785.50	786.96	787.08	787.46	787.03	786.99	787.05	789.50	787.14	787.06	785.47	785.47	784.40	24	
	25		785.53	786.93	787.07	787.44	787.03	786.98	787.05	789.24	787.12	787.07	785.44	785.44	784.38	25	
	- Minimum		26	785.50	786.90	787.08	787.40	787.03	786.98	787.13	788.86	787.10	787.13	785.36	785.36	784.37	26
			27	785.45	786.88	787.07	787.36	787.03	786.98	787.15	788.59	787.08	787.03	785.29	785.29	784.35	27
			28	785.38	786.74	787.06	787.32	787.02	786.98	787.12	788.35	787.07	787.11	785.20	785.20	784.31	28
			29	785.27		787.05	787.28	787.02	786.96	787.10	788.16	787.06	787.02	785.13	785.13	784.27	29
			30	785.17		787.05	787.27	787.00-	786.94-	787.09	788.02	787.05-	787.04	785.05-	785.05-	784.25-	30
		31	785.12		787.04		787.00-		787.08	787.90		787.00-			784.27	31	
Monatsmittel	785.37	786.07	786.41	787.20	787.08	787.01	787.10	787.91+	787.28	787.10	786.17	786.17	784.52-	m ü.M.			
Spitze Datum	786.16 9.	787.03 13.	787.66 19.	787.64 21.	787.71 13.	787.76 7.	787.25 8.	789.80+ 22.	787.83 1.	787.84 26.	787.75 4.	785.04- 1.		m ü.M.			
Amplitude	1.98	2.44	2.44	0.65	0.74	0.83	0.34-	2.74+	0.79	0.86	2.72	0.80		m			
Jahr	Mittel: 786.60		Spitze: 789.80 (22.08.2005)				Minimum: 784.18 (01.01.2005)				Amplitude: 5.62						

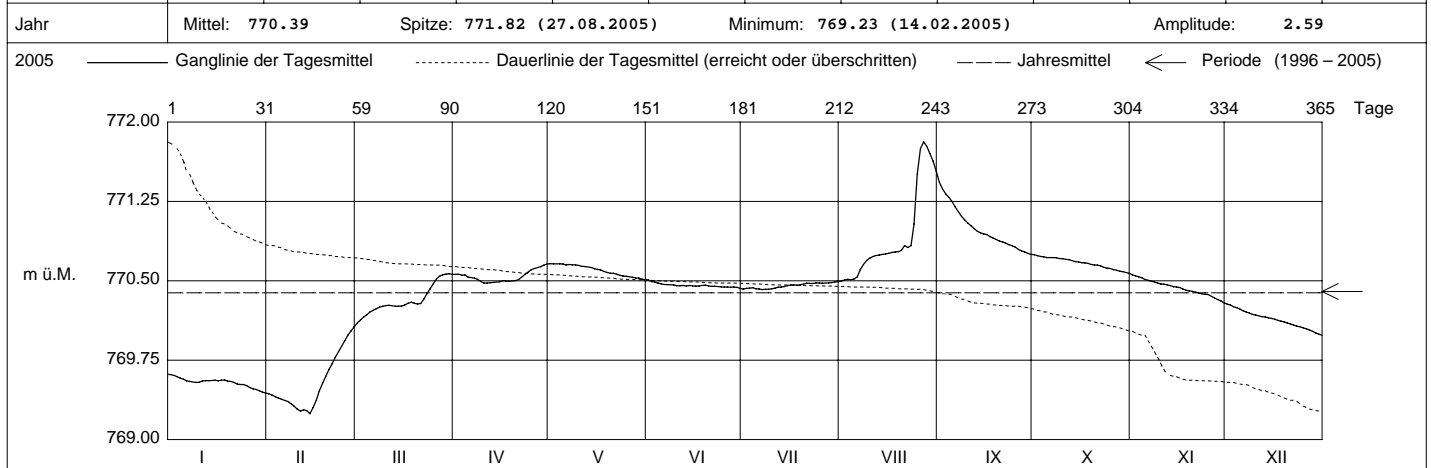


Periode		1996 - 2005 (10 Jahre)											
Monatsmittel	786.08	786.11	786.53+	786.37	786.13	786.38	786.26	786.27	786.06	786.30	786.24	785.86-	m ü.M.
Monats-Spitze Jahr	787.32- 2000	788.11 2000	788.13 2001	789.49 2001	787.92 2001	788.62 2004	787.84 2000	789.80+ 2005	789.32 2001	787.84 2005	788.93 2003	787.41 1998	m ü.M.
Monats-Minimum Jahr	784.18 2005	783.89 1997	783.65 1997	783.22 1997	783.14 1997	783.50 1997	783.98 1998	784.16 2003	783.31 2003	783.20 2003	783.13- 1997		m ü.M.
Monats-Amplitude Jahr	2.47 2001	2.44 2005	3.65 2001	3.78 2001	2.29 2003	2.28- 2001	3.10 2000	2.74 2005	4.04+ 2001	3.75 2003	2.72 2005	3.91 1997	m
Periode	Mittel: 786.21		Spitze: 789.80 (22.08.2005)				Minimum: 0.00 (00.12.1996)				Amplitude: 789.80		



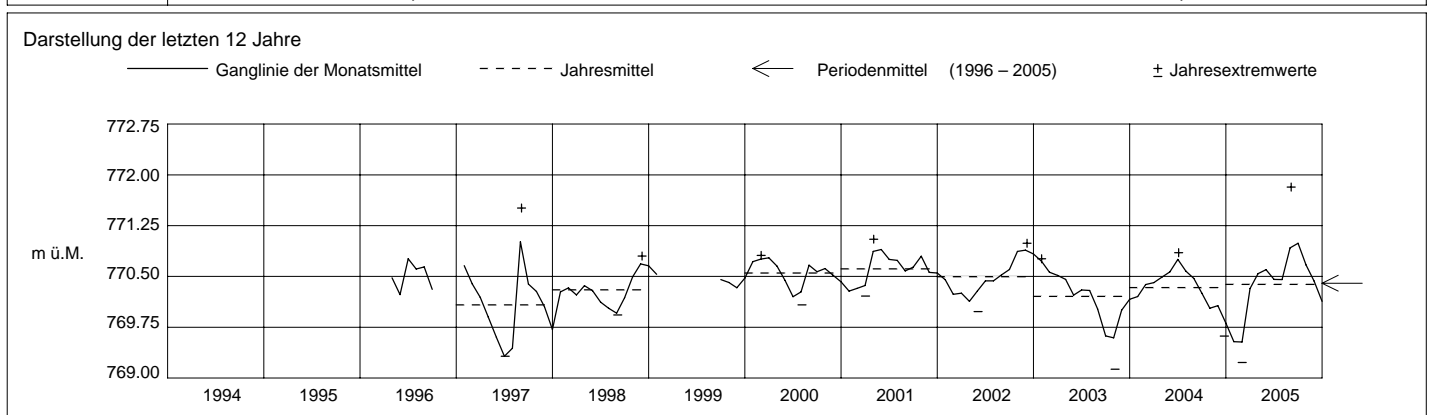
Grundwasserstände **Nr. 2032 Menzingen - KIBAG 3** **KANTON ZUG**
 Koordinaten: 685'808 / 224'692 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 815.16 m ü.M. OK Terrain: 814.06 m ü.M.**

	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
2005													
Tagesmittel	769.62+	769.43	770.10-	770.56	770.66+	770.51+	770.42-	770.50-	771.43+	770.75+	770.56+	770.28+	1
	769.61	769.42	770.13	770.56	770.66+	770.49	770.43	770.51	771.37	770.74	770.55	770.27	2
	769.59	769.41	770.16	770.55	770.66+	770.49	770.43	770.51	771.32	770.73	770.54	770.25	3
	769.58	769.39	770.18	770.56	770.66+	770.48	770.43	770.51	771.29	770.73	770.53	770.25	4
	769.57	769.38	770.21	770.54	770.66+	770.47	770.43	770.52	771.25	770.72	770.51	770.23	5
	769.55	769.37	770.22	770.53	770.65	770.47	770.42-	770.54	771.20	770.72	770.50	770.22	6
	769.55	769.36	770.24	770.53	770.65	770.46	770.42-	770.61	771.15	770.72	770.50	770.21	7
	769.54	769.34	770.25	770.51	770.65	770.46	770.42-	770.65	771.11	770.72	770.49	770.20	8
	769.54	769.32	770.26	770.49	770.65	770.46	770.42-	770.69	771.08	770.71	770.48	770.18	9
	769.54	769.29	770.27	770.48-	770.65	770.45	770.42-	770.72	771.05	770.71	770.47	770.18	10
	769.55	769.27	770.27	770.48-	770.64	770.45	770.43	770.73	771.02	770.70	770.47	770.17	11
	769.55	769.28	770.26	770.48-	770.64	770.46	770.44	770.74	770.99	770.70	770.46	770.16	12
	769.56	769.27	770.26	770.48-	770.63	770.45	770.44	770.74	770.97	770.69	770.45	770.16	13
m ü.M.	769.56	769.25-	770.26	770.49	770.63	770.46	770.45	770.75	770.95	770.68	770.44	770.15	14
	769.56	769.30	770.26	770.49	770.61	770.45	770.45	770.75	770.94	770.68	770.44	770.14	15
	769.56	769.37	770.27	770.50	770.61	770.45	770.46	770.76	770.94	770.67	770.44	770.14	16
	769.56	769.46	770.29	770.50	770.60	770.45	770.46	770.77	770.92	770.67	770.42	770.13	17
	769.56	769.53	770.30	770.50	770.59	770.46	770.46	770.77	770.90	770.66	770.41	770.12	18
	769.55	769.60	770.29	770.50	770.58	770.46	770.46	770.78	770.89	770.66	770.40	770.11	19
	769.55	769.66	770.28	770.50	770.57	770.45	770.47	770.79	770.88	770.65	770.40	770.10	20
	769.54	769.72	770.29	770.51	770.57	770.45	770.48	770.83	770.87	770.65	770.39	770.09	21
	769.53	769.78	770.33	770.54	770.56	770.45	770.48	770.83	770.86	770.64	770.38	770.08	22
	769.52	769.83	770.38	770.56	770.55	770.45	770.48	770.81	770.84	770.63	770.38	770.07	23
	769.52	769.88	770.43	770.58	770.55	770.44	770.48	771.04	770.83	770.62	770.37	770.07	24
	769.51	769.93	770.47	770.60	770.54	770.44	770.48	771.51	770.82	770.62	770.37	770.06	25
+ Maximum	769.49	769.99	770.52	770.62	770.54	770.44	770.48	771.75	770.80	770.61	770.35	770.05	26
	769.48	770.03	770.54	770.63	770.53	770.44	770.48	771.81+	770.78	770.60	770.34	770.04	27
- Minimum	769.47	770.07+	770.56	770.64	770.53	770.44	770.48	771.77	770.77	770.59	770.32	770.02	28
	769.46		770.56	770.65	770.53	770.44	770.48	771.70	770.76	770.59	770.31	770.01	29
	769.45		770.57+	770.66+	770.52	770.43-	770.49+	771.63	770.75-	770.58	770.29-	769.99-	30
	769.44-		770.56		770.51-		770.49+	771.53		770.57-		769.99-	31
Monatsmittel	769.54	769.53-	770.32	770.54	770.60	770.46	770.45	770.92	770.99+	770.67	770.43	770.13	m ü.M.
Spitze Datum	769.62- 1.	770.08 28.	770.57 29.	770.66 30.	770.67 1.	770.51 1.	770.50 29.	771.82+ 27.	771.47 1.	770.75 1.	770.56 1.	770.28 1.	m ü.M.
Amplitude	0.18	0.85	0.49	0.19	0.16	0.09-	0.09-	1.33+	0.73	0.18	0.28	0.30	m
Jahr	Mittel: 770.39		Spitze: 771.82 (27.08.2005)				Minimum: 769.23 (14.02.2005)				Amplitude: 2.59		



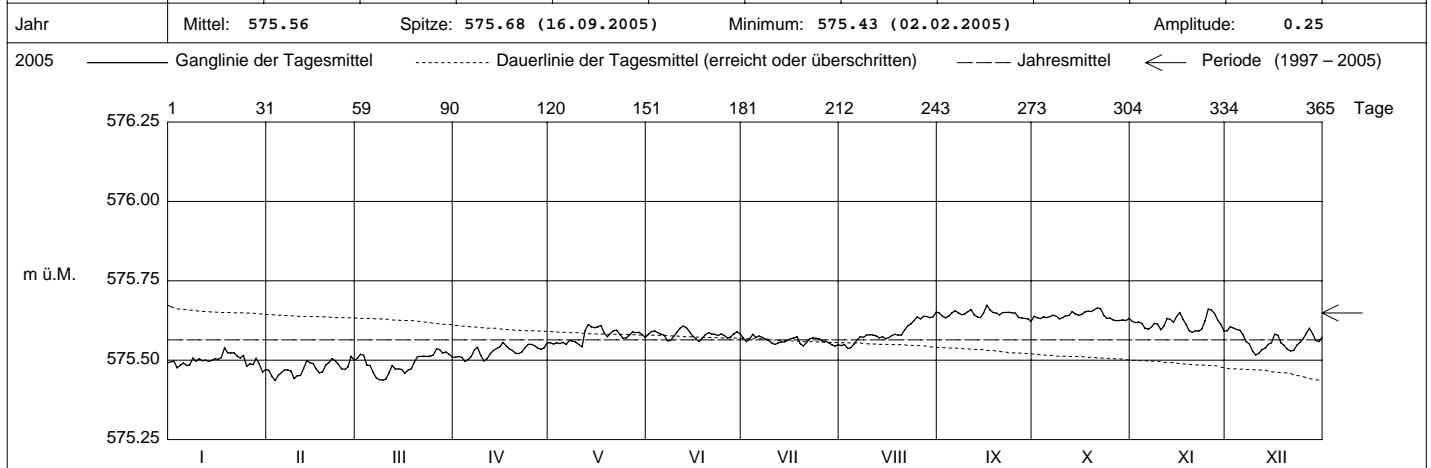
Periode 1996 - 2005 (10 Jahre)

Monatsmittel	770.33	770.31-	770.41	770.50+	770.47	770.43	770.40	770.45	770.41	770.42	770.39	770.31-	m ü.M.
Monats-Spitze Jahr	770.76- 2000	770.81 2000	770.81 2000	771.05 2001	771.05 2001	770.85 2004	770.81 2001	771.82+ 2005	771.47 2005	770.93 2002	770.99 2002	770.95 2002	m ü.M.
Monats-Minimum Jahr	769.44 2005	769.23 2005	770.08 2005	769.90 1997	769.60 1997	769.32 1997	769.44 1997	769.84 2003	769.33 2003	769.13- 2003	769.83 1997		m ü.M.
Monats-Amplitude Jahr	0.59 1999	0.85 2005	0.51 2001	0.33 2001	0.44 2002	0.32- 2004	0.52 2000	1.33+ 2005	0.73 2005	0.85 2003	0.35 1997	0.47 1997	m
Periode	Mittel: 770.40		Spitze: 771.82 (27.08.2005)				Minimum: 0.00 (00.12.1996)				Amplitude: 771.82		

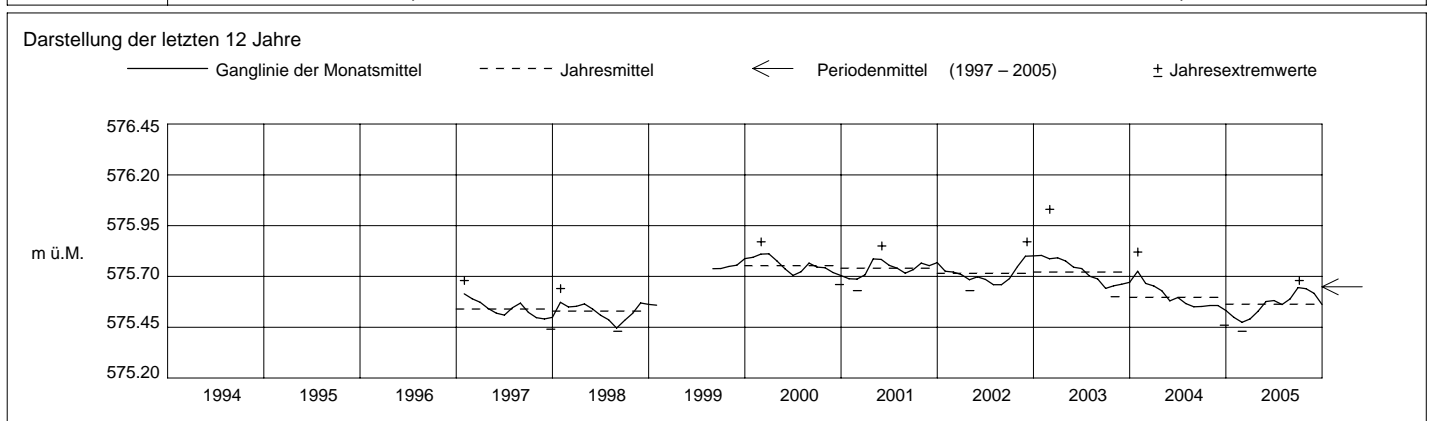


Grundwasserstände **Nr. 2036 Neuheim - Neutal** **KANTON ZUG**
 Koordinaten: 686'923 / 229'090 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 599.46 m ü.M. OK Terrain: 598.92 m ü.M.**

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	575.49	575.47	575.51	575.51	575.56	575.58	575.57	575.55	575.65	575.64	575.62	575.59	1
	2	575.50	575.45	575.52	575.51	575.55	575.59	575.56	575.55	575.64	575.63	575.62	575.61+	2
	3	575.48	575.44-	575.52	575.51	575.55	575.59	575.57	575.54-	575.63	575.63	575.62	575.60	3
	4	575.48	575.45	575.48	575.50-	575.55	575.59	575.58+	575.54-	575.64	575.64	575.62	575.60	4
	5	575.49	575.46	575.48	575.50-	575.56	575.58	575.57	575.55	575.65	575.65	575.60	575.59	5
	6	575.48	575.47	575.46	575.51	575.55	575.58	575.58+	575.56	575.66	575.64	575.60	575.58	6
	7	575.49	575.47	575.44-	575.53	575.56	575.56-	575.57	575.57	575.65	575.64	575.60	575.56	7
	8	575.51	575.47	575.44-	575.54	575.56	575.56-	575.57	575.57	575.64	575.64	575.62	575.55	8
	9	575.50	575.44-	575.44-	575.52	575.56	575.58	575.56	575.58	575.65	575.63	575.61	575.53	9
	10	575.50	575.45	575.44-	575.50-	575.55	575.59	575.55	575.58	575.65	575.63	575.60	575.52-	10
m ü.M.	11	575.50	575.45	575.46	575.50-	575.54-	575.60	575.55	575.58	575.66	575.64	575.61	575.52-	11
	12	575.50	575.47	575.48	575.52	575.59	575.61+	575.55	575.64	575.64	575.64	575.63	575.53	12
	13	575.50	575.50	575.47	575.53	575.61+	575.60	575.56	575.57	575.64	575.65	575.63	575.54	13
	14	575.50	575.49	575.47	575.54	575.61+	575.59	575.56	575.57	575.63	575.65	575.62	575.55	14
	15	575.50	575.49	575.47	575.54	575.60	575.58	575.56	575.57	575.65	575.64	575.64	575.56	15
	16	575.50	575.47	575.46	575.56+	575.61+	575.57	575.57	575.57	575.67+	575.64	575.65	575.58	16
	17	575.51	575.46	575.47	575.55	575.61+	575.56-	575.57	575.58	575.66	575.65	575.63	575.58	17
	18	575.54+	575.46	575.47	575.54	575.59	575.57	575.57	575.58	575.65	575.65	575.61	575.55	18
	19	575.52	575.49	575.49	575.53	575.57	575.58	575.55	575.58	575.65	575.65	575.59-	575.55	19
	20	575.52	575.49	575.51	575.52	575.58	575.59	575.55	575.58	575.64	575.66+	575.59-	575.53	20
+ Maximum	21	575.52	575.51+	575.51	575.52	575.59	575.58	575.56	575.60	575.65	575.66+	575.59	575.53	21
	22	575.51	575.50	575.51	575.53	575.59	575.58	575.57	575.61	575.65	575.66+	575.59-	575.53	22
	23	575.51	575.49	575.51	575.54	575.58	575.58	575.57	575.61	575.65	575.64	575.60	575.55	23
	24	575.52	575.47	575.51	575.55	575.57	575.58	575.57	575.63	575.65	575.63	575.62	575.56	24
	25	575.48	575.47	575.52	575.55	575.57	575.58	575.57	575.64	575.65	575.63	575.66+	575.57	25
	26	575.49	575.48	575.54+	575.55	575.58	575.57	575.56	575.63	575.64	575.63	575.66+	575.59	26
	27	575.49	575.51+	575.53	575.54	575.59	575.57	575.56	575.64	575.63	575.62-	575.65	575.60	27
	28	575.51	575.50	575.52	575.53	575.59	575.58	575.56	575.64	575.63	575.63	575.63	575.58	28
	29	575.49		575.53	575.54	575.59	575.59	575.55	575.63	575.63	575.63	575.61	575.56	29
	30	575.46-		575.52	575.55	575.58	575.58	575.54-	575.64	575.62-	575.63	575.59-	575.56	30
31	575.47		575.51		575.57		575.55	575.65+		575.63		575.57	31	
Monatsmittel		575.50	575.47-	575.49	575.53	575.58	575.58	575.56	575.59	575.64+	575.64+	575.62	575.56	m ü.M.
Spitze Datum		575.56 18.	575.53- 27.	575.55 27.	575.57 24.	575.64 17.	575.63 2.	575.63 4.	575.66 31.	575.68+ 16.	575.67 21.	575.67 25.	575.62 2.	m ü.M.
Amplitude		0.12	0.10	0.12	0.09	0.11	0.08	0.10	0.13+	0.06	0.05-	0.09	0.12	m
Jahr		Mittel: 575.56			Spitze: 575.68 (16.09.2005)			Minimum: 575.43 (02.02.2005)			Amplitude: 0.25			

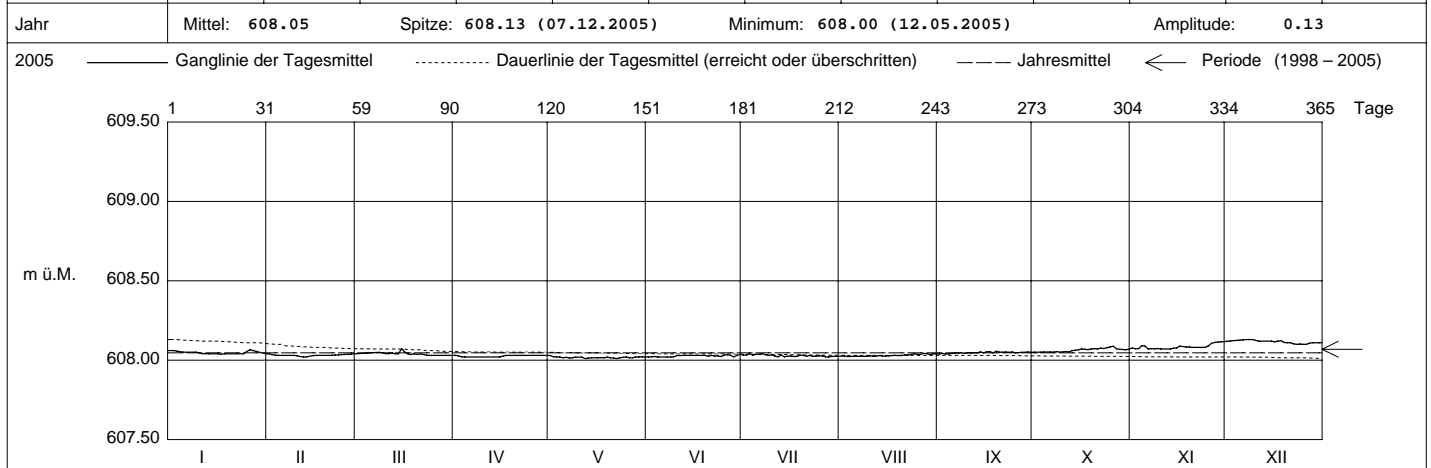


Periode		1997 - 2005 (9 Jahre)												
Monatsmittel		575.67+	575.66	575.66	575.66	575.65	575.63	575.62-	575.62-	575.64	575.65	575.66	575.65	m ü.M.
Monats-Spitze Jahr		575.91 2003	576.03+ 2003	575.87 2000	575.84 2000	575.85 2001	575.78- 2001	575.79 2001	575.79 2000	575.80 2000	575.82 2002	575.87 2002	575.89 1999	m ü.M.
Monats-Minimum Jahr		575.44 2005	575.43- 2005	575.43- 2005	575.48 2005	575.49+ 1997	575.47 1997	575.45 1998	575.43- 1998	575.43- 1998	575.46 1997	575.46 1997	575.44 1997	m ü.M.
Monats-Amplitude Jahr		0.17 2004	0.28+ 2003	0.16 2001	0.12 2001	0.12 2004	0.13 2004	0.11- 1997	0.13 2005	0.12 1998	0.13 2003	0.15 2002	0.20 2003	m
Periode		Mittel: 575.65			Spitze: 576.03 (05.02.2003)			Minimum: 575.43 (04.08.1998)			Amplitude: 0.60			

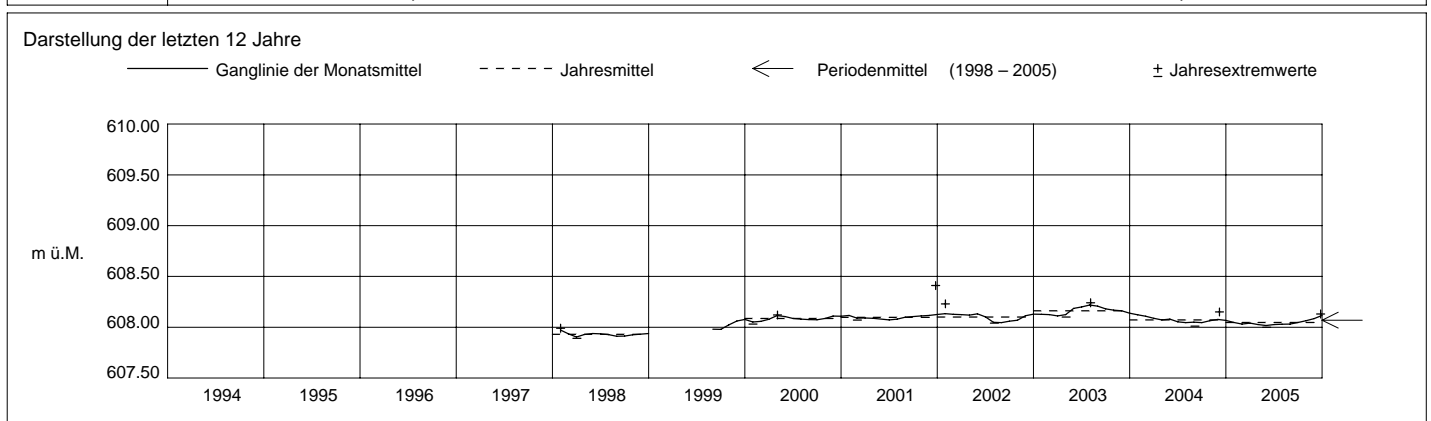


Grundwasserstände **Nr. 2058 Menzingen - Hintercher-Sihlwald** **KANTON ZUG**
 Koordinaten: 689'970.85 / 226'105.27 **Amt für Umweltschutz**
 Orpheus Mini **Abstichpunkt: 655.15 m ü.M. OK Terrain: 655.25 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	608.06	608.04+	608.04	608.03+	608.03+	608.02-	608.03	608.03	608.04-	608.05-	608.08	608.12	1	
		2	608.06	608.03	608.04	608.03+	608.02	608.02-	608.03	608.03	608.04-	608.05-	608.07-	608.12	2	
		3	608.06	608.03	608.04	608.02-	608.02	608.02-	608.04+	608.02-	608.04-	608.05-	608.07-	608.12	3	
		4	608.05	608.03	608.04	608.02-	608.02	608.02-	608.03	608.02-	608.04-	608.05-	608.09	608.12	4	
		5	608.05	608.03	608.05	608.02-	608.02	608.02-	608.04+	608.03	608.04-	608.05-	608.09	608.13+	5	
		6	608.05	608.03	608.05	608.02-	608.02	608.02-	608.04+	608.02-	608.04-	608.05-	608.07-	608.13+	6	
		7	608.05	608.03	608.05	608.02-	608.01-	608.02-	608.04+	608.03	608.05	608.05-	608.07-	608.13+	7	
		8	608.05	608.03	608.05	608.02-	608.02	608.02-	608.03	608.02-	608.05	608.05-	608.07-	608.13+	8	
		9	608.05	608.03	608.05	608.02-	608.02	608.02-	608.03	608.02-	608.04-	608.05-	608.07-	608.13+	9	
		10	608.05	608.03	608.04	608.02-	608.02	608.02	608.03	608.03	608.05	608.05-	608.07-	608.13+	10	
	m ü.M.	11	608.04-	608.02-	608.04	608.02-	608.02	608.03	608.03	608.03	608.05	608.05-	608.07-	608.12	11	
		12	608.04-	608.02-	608.05	608.02-	608.01-	608.03	608.02-	608.03	608.05	608.05-	608.07-	608.12	12	
		13	608.04-	608.02-	608.04	608.02-	608.01-	608.03	608.03	608.03	608.05	608.06	608.07-	608.12	13	
		14	608.04-	608.03	608.04	608.02-	608.02	608.03	608.02-	608.03	608.05	608.06	608.08	608.12	14	
		15	608.04-	608.03	608.07+	608.02-	608.02	608.03	608.03	608.03	608.05	608.07	608.08	608.12	15	
		16	608.04-	608.03	608.05	608.03+	608.02	608.03	608.03	608.03	608.05	608.07	608.09	608.12	16	
		17	608.04-	608.03	608.04	608.03+	608.02	608.03	608.02-	608.03	608.05	608.07	608.09	608.12	17	
		18	608.04-	608.03	608.04	608.03+	608.02	608.03	608.02-	608.03	608.05	608.07	608.08	608.12	18	
		19	608.04-	608.03	608.04	608.03+	608.02	608.03	608.03	608.03	608.06+	608.07	608.08	608.11	19	
		20	608.04-	608.03	608.04	608.03+	608.02	608.03	608.03	608.03	608.05	608.07	608.08	608.11	20	
	+ Maximum	21	608.04-	608.03	608.04	608.03+	608.01-	608.03	608.02-	608.03	608.05	608.07	608.08	608.11	21	
		22	608.04-	608.03	608.03-	608.03+	608.01-	608.03	608.03	608.03	608.05	608.08	608.08	608.10-	22	
		23	608.04-	608.03	608.03-	608.03+	608.02	608.03	608.02-	608.04+	608.05	608.07	608.08	608.10-	23	
		24	608.04-	608.03	608.03-	608.03+	608.02	608.03	608.03	608.04+	608.05	608.08	608.08	608.10-	24	
		25	608.05	608.04+	608.03-	608.03+	608.02	608.03	608.03	608.04+	608.05	608.08	608.09	608.10-	25	
		- Minimum	26	608.07+	608.04+	608.03-	608.03+	608.02	608.03	608.02-	608.04+	608.05	608.09+	608.11	608.10-	26
			27	608.06	608.04+	608.03-	608.03+	608.02	608.03	608.02-	608.04+	608.05	608.07	608.11	608.11	27
			28	608.06	608.04+	608.03-	608.03+	608.02	608.02-	608.02-	608.04+	608.05	608.07	608.11	608.11	28
			29	608.05		608.03-	608.03+	608.02	608.03	608.02-	608.04+	608.05	608.07	608.12+	608.11	29
			30	608.04-		608.03-	608.03+	608.02	608.02-	608.02-	608.04+	608.05	608.07	608.12+	608.11	30
			31	608.04-		608.03-	608.03+	608.02	608.04+	608.02-	608.04+	608.05	608.07	608.12+	608.11	31
Monatsmittel	608.05	608.03	608.04	608.03	608.02-	608.03	608.03	608.03	608.03	608.05	608.06	608.08	608.12+	m ü.M.		
Spitze Datum	608.07 25.	608.04 28.	608.12 15.	608.03- 1.	608.03- 1.	608.05 30.	608.05 1.	608.05 26.	608.07 20.	608.09 26.	608.12 4.	608.13+ 7.	m ü.M.			
Amplitude	0.04	0.02	0.09+	0.01-	0.03	0.05	0.05	0.03	0.04	0.05	0.05	0.03	m			
Jahr	Mittel: 608.05		Spitze: 608.13 (07.12.2005)				Minimum: 608.00 (12.05.2005)				Amplitude: 0.13					

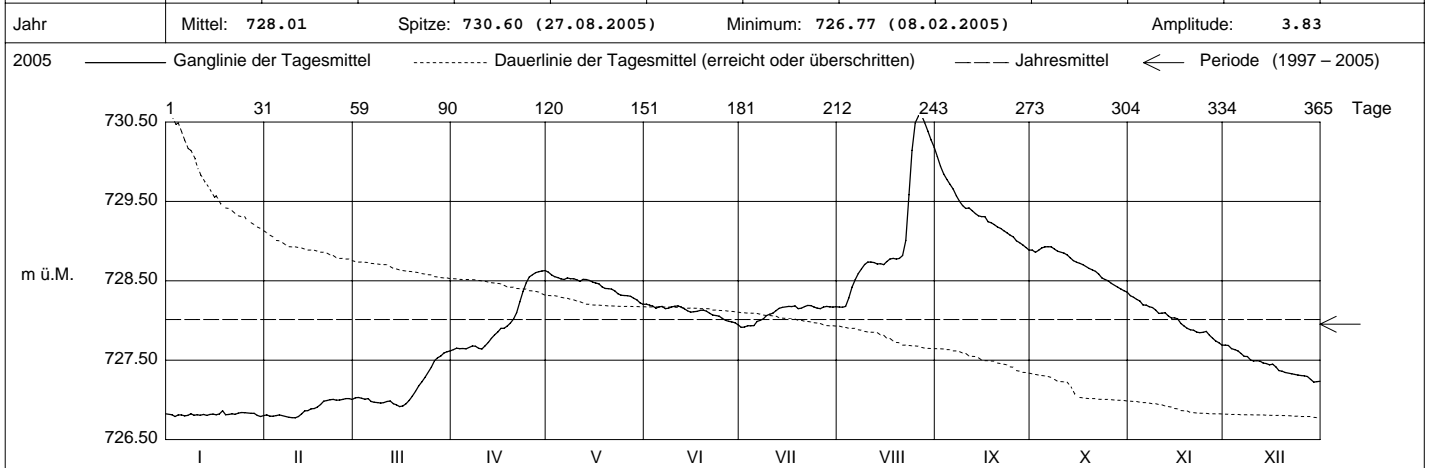


Periode		1998 - 2005 (8 Jahre)											
Monatsmittel	608.08	608.07	608.06	608.07	608.08	608.07	608.06	608.06	608.05-	608.06	608.08	608.09+	m ü.M.
Monats-Spitze Jahr	608.23 2002	608.13- 2003	608.16 2003	608.18 2003	608.20 2003	608.21 2003	608.24 2003	608.22 2003	608.20 2003	608.18 2003	608.19 2003	608.41+ 2001	m ü.M.
Monats-Minimum Jahr	607.95+ 1998	607.91 1998	607.89- 1998	607.89- 1998	607.92 1998	607.92 1998	607.92 1998	607.90 1998	607.90 1998	607.92 1998	607.92 1998	607.93 1998	m ü.M.
Monats-Amplitude Jahr	0.11 2002	0.05 1998	0.09 2005	0.08 2003	0.04- 2002	0.08 2002	0.05 2005	0.09 2004	0.08 2004	0.06 1999	0.09 2004	0.30+ 2001	m
Periode	Mittel: 608.07		Spitze: 608.41 (30.12.2001)				Minimum: 607.89 (22.03.1998)				Amplitude: 0.52		

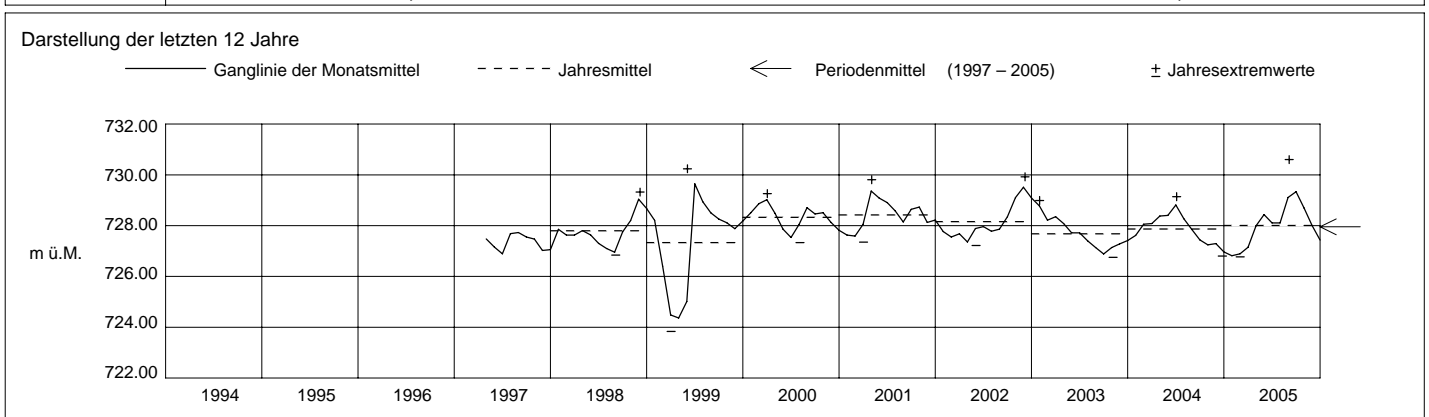


Grundwasserstände **Nr. 2063 Menzingen - Brätigen-West** **KANTON ZUG**
 Koordinaten: 688'191 / 225'964 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 746.82 m ü.M. OK Terrain: 747.02 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	726.82	726.81	727.03	727.63-	728.61+	728.21+	727.91-	728.17-	730.07+	728.89	728.31+	727.69+	1	
		2	726.81	726.79	727.03	727.65	728.58	728.19	727.92	728.17-	729.94	728.86	728.29	727.69+	2	
		3	726.79-	726.79	727.02	727.65	728.55	728.18	727.93	728.18	729.85	728.88	728.27	727.64	3	
		4	726.81	726.80	727.01	727.65	728.54	728.16	727.93	728.28	729.78	728.91	728.25	727.63	4	
		5	726.81	726.81	727.02	727.64	728.52	728.17	727.94	728.42	729.72	728.93+	728.20	727.62	5	
		6	726.80	726.80	726.98	727.66	728.52	728.18	727.99	728.51	729.66	728.93+	728.19	727.59	6	
		7	726.80	726.79	726.97	727.68	728.54	728.15	728.00	728.59	729.57	728.93+	728.17	727.55	7	
		8	726.82	726.78	726.96	727.68	728.53	728.16	728.02	728.65	729.50	728.90	728.16	727.55	8	
		9	726.81	726.78	726.96	727.65	728.53	728.17	728.06	728.71	729.45	728.87	728.13	727.50	9	
		10	726.81	726.77-	726.96	727.64	728.51	728.18	728.08	728.74	729.41	728.86	728.09	727.49	10	
	m ü.M.	11	726.81	726.79	726.98	727.68	728.49	728.18	728.09	728.74	729.42	728.85	728.09	727.49	11	
		12	726.82	726.92	727.72	727.72	728.52	728.17	728.13	728.73	729.38	728.52	728.10	727.49	12	
		13	726.80	726.86	726.95	727.77	728.52	728.15	728.15	728.71	729.35	728.79	728.06	727.46	13	
		14	726.82	726.86	726.94	727.82	728.50	728.12	728.17	728.72	729.32	728.75	728.03	727.46	14	
		15	726.82	726.89	726.92-	727.85	728.48	728.11	728.17	728.70	729.31	728.73	728.03	727.44	15	
		16	726.81	726.89	726.92-	727.90	728.47	728.11	728.18	728.74	729.31	728.72	728.02	727.45	16	
		17	726.82	726.91	726.95	727.90	728.46	728.12	728.18	728.78	729.24	728.70	727.96	727.41	17	
		18	726.86+	726.94	726.99	727.93	728.42	728.13	728.18	728.78	729.23	728.68	727.93	727.37	18	
		19	726.81	726.98	727.05	727.97	728.40	728.13	728.15	728.77	729.21	728.66	727.90	727.36	19	
		20	726.82	726.99	727.11	728.02	728.40	728.12	728.16	728.78	729.18	728.64	727.88	727.34	20	
		+ Maximum	21	726.82	727.00	727.18	728.10	728.39	728.09	728.18	728.82	729.16	728.62	727.88	727.34	21
	22		726.82	727.01	727.23	728.24	728.37	728.07	728.19+	729.01	729.13	728.59	727.85	727.33	22	
	23		726.83	727.00	727.28	728.37	728.34	728.06	728.19+	729.59	729.11	728.54	727.85	727.32	23	
	24		726.84	727.00	727.35	728.48	728.32	728.05	728.17	730.14	729.08	728.52	727.85	727.31	24	
	25		726.84	727.01	727.41	728.55	728.32	728.03	728.16	730.49	729.05	728.50	727.86	727.31	25	
	- Minimum		26	726.83	727.02+	727.49	728.58	728.31	728.00	728.15	730.58+	729.00	728.47	727.81	727.30	26
			27	726.83	727.02+	727.53	728.60	728.31	727.99	728.17	730.58+	728.98	728.44	727.78	727.29	27
			28	726.83	727.01	727.55	728.62	728.28	727.98	728.18	730.49	728.95	728.42	727.74	727.26	28
			29	726.80		727.59	728.62	728.26	727.97	728.17	730.39	728.92	728.40	727.72	727.22-	29
			30	726.79-		727.61	728.22	728.22	727.95-	728.17	730.28	728.89-	728.38	727.69-	727.23	30
			31	726.80		727.62+		728.20-		728.17	730.18		728.36-		727.23	31
Monatsmittel	726.82-	726.89	727.15	728.00	728.43	728.11	728.10	729.11	729.34+	728.69	728.00	727.43	m ü.M.			
Spitze Datum	726.89- 18.	727.03 27.	727.62 30.	728.64 30.	728.63 1.	728.21 1.	728.20 18.	730.60+ 27.	730.12 1.	728.94 6.	728.34 1.	727.70 2.	m ü.M.			
Amplitude	0.11-	0.26	0.71	1.02	0.44	0.28	0.30	2.44+	1.24	0.60	0.66	0.49	m			
Jahr	Mittel: 728.01		Spitze: 730.60 (27.08.2005)				Minimum: 726.77 (08.02.2005)				Amplitude: 3.83					

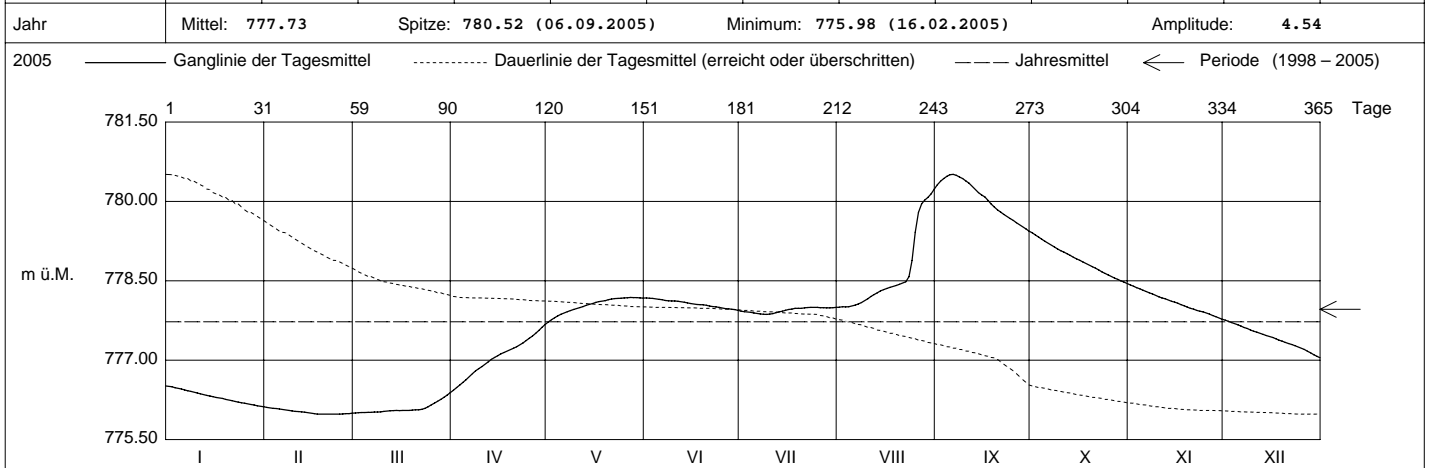


Periode 1997 - 2005 (9 Jahre)													
Monatsmittel	727.90	727.66-	727.70	728.09	727.82	728.10	727.99	728.00	728.08	728.13+	728.03	727.87	m ü.M.
Monats-Spitze Jahr	728.99- 2003	729.23 2000	729.36 2001	729.81 2001	730.24 1999	730.05 1999	729.32 1999	730.60+ 2005	730.12 2005	729.34 2002	729.92 2002	729.43 2002	m ü.M.
Monats-Minimum Jahr	726.78 2005	723.84 1999	723.83- 1999	723.84 1999	723.84 1999	726.77 1997	726.96+ 1997	726.84 1998	726.79 2003	726.75 2003	726.87 1997	726.77 1997	m ü.M.
Monats-Amplitude Jahr	1.00 2004	4.74 1999	5.53 1999	1.50 1999	6.40+ 1999	0.94 2004	1.47 2000	2.44 2005	1.63 2001	0.92- 2001	1.08 2002	0.94 1999	m
Periode	Mittel: 727.95		Spitze: 730.60 (27.08.2005)				Minimum: 723.83 (08.03.1999)				Amplitude: 6.77		

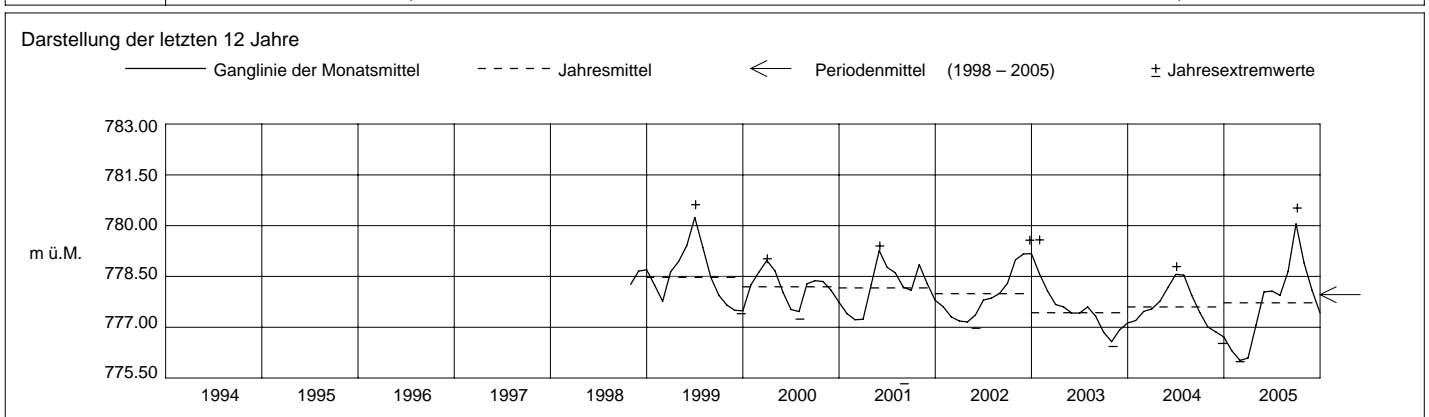


Grundwasserstände **Nr. 2085 Menzingen - KIBAG Betlehem** **KANTON ZUG**
 Koordinaten: 686'158 / 224'984 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 824.98 m ü.M. OK Terrain: 825.115 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	776.51+	776.11+	776.00-	776.43-	777.72-	778.18+	777.93	778.00-	780.32	779.41+	778.42+	777.75+	1	
		2	776.50	776.10	776.01	776.48	777.76	778.17	777.92	778.01	780.38	779.37	778.40	777.74	2	
		3	776.48	776.09	776.01	776.53	777.80	778.17	777.91	778.01	780.43	779.33	778.37	777.71	3	
		4	776.47	776.08	776.01	776.58	777.84	778.16	777.90	778.01	780.48	779.29	778.35	777.69	4	
		5	776.45	776.08	776.01	776.63	777.87	778.15	777.89	778.02	780.51+	779.25	778.32	777.67	5	
		6	776.44	776.07	776.01	776.69	777.89	778.14	777.88	778.04	780.51+	779.21	778.30	777.64	6	
		7	776.42	776.06	776.02	776.74	777.92	778.13	777.87-	778.06	780.49	779.17	778.27	777.62	7	
		8	776.41	776.05	776.02	776.80	777.94	778.12	777.87-	778.09	780.46	779.14	778.25	777.60	8	
		9	776.39	776.04	776.02	776.84	777.96	778.12	777.87-	778.12	780.43	779.10	778.23	777.57	9	
		10	776.38	776.03	776.03	776.88	777.98	778.12	777.87-	778.16	780.39	779.07	778.20	777.55	10	
	m ü.M.	11	776.36	776.03	776.04	776.92	777.99	778.11	777.88	778.20	780.35	779.04	778.18	777.53	11	
		12	776.35	776.02	776.04	776.97	778.01	778.11	777.90	778.24	780.29	779.01	778.16	777.51	12	
		13	776.33	776.02	776.05	777.01	778.04	778.09	777.91	778.27	780.22	778.98	778.14	777.49	13	
		14	776.32	776.01	776.05	777.05	778.06	778.08	777.93	778.31	780.17	778.94	778.11	777.47	14	
		15	776.31	776.00	776.05	777.09	778.07	778.07	777.94	778.33	780.12	778.91	778.10	777.45	15	
		16	776.30	775.99	776.05	777.12	778.09	778.06	777.96	778.36	780.09	778.89	778.08	777.43	16	
		17	776.28	775.98-	776.05	777.15	778.11	778.05	777.97	778.38	780.02	778.86	778.05	777.40	17	
		18	776.28	775.98-	776.05	777.17	778.12	778.05	777.98	778.40	779.95	778.83	778.03	777.38	18	
		19	776.26	775.98-	776.06	777.20	778.13	778.05	777.98	778.41	779.89	778.80	778.00	777.36	19	
		20	776.25	775.98-	776.06	777.23	778.14	778.04	777.98	778.43	779.84	778.77	777.98	777.34	20	
		+ Maximum	21	776.24	775.98-	776.06	777.25	778.16	778.02	777.99	778.46	779.80	778.74	777.97	777.31	21
	22		776.22	775.98-	776.07	777.29	778.17	778.01	778.00+	778.48	779.76	778.71	777.94	777.30	22	
	23		776.21	775.98-	776.09	777.33	778.17	778.01	778.00+	778.58	779.72	778.67	777.92	777.27	23	
	24		776.20	775.98-	776.12	777.37	778.17	778.00	778.00+	778.88	779.68	778.64	777.91	777.25	24	
	25		776.18	775.98-	776.15	777.41	778.18	777.99	778.00+	779.42	779.64	778.61	777.89	777.23	25	
	- Minimum		26	776.17	775.99	776.19	777.46	778.18	777.97	777.99	779.79	779.60	778.58	777.87	777.20	26
			27	776.16	775.99	776.22	777.51	778.19+	777.97	777.99	779.96	779.56	778.55	777.84	777.17	27
			28	776.15	776.00	776.26	777.56	778.18	777.96	777.99	780.03	779.52	778.53	777.82	777.14	28
			29	776.14		776.30	777.62	778.18	777.95	777.99	780.08	779.48	778.50	777.80	777.10	29
			30	776.13		776.34	777.67+	778.18	777.94-	777.99	780.14	779.44-	778.48	777.77-	777.07	30
			31	776.12-		776.38+		778.17		778.00+	780.23+		778.45-		777.04-	31
Monatsmittel		776.30	776.02-	776.09	777.07	778.04	778.07	777.94	778.64	780.05+	778.90	778.09	777.42	m ü.M.		
Spitze Datum		776.52 1.	776.12- 1.	776.41 31.	777.70 30.	778.19 27.	778.18 1.	778.00 22.	780.27 31.	780.52+ 6.	779.42 1.	778.43 1.	777.76 1.	m ü.M.		
Amplitude		0.41	0.14-	0.41	1.29	0.49	0.25	0.14-	2.27+	1.10	0.98	0.67	0.73	m		
Jahr		Mittel: 777.73			Spitze: 780.52 (06.09.2005)			Minimum: 775.98 (16.02.2005)			Amplitude: 4.54					

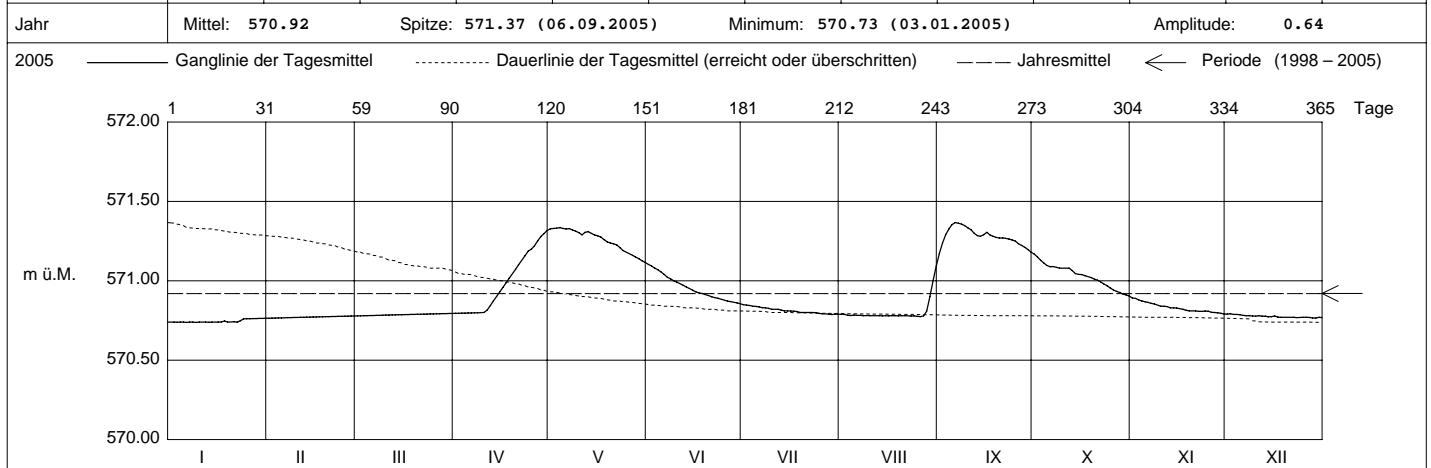


Periode		1998 - 2005 (8 Jahre)											
Monatsmittel	777.65	777.50-	777.62	777.92	778.24	778.34+	778.20	778.12	778.15	778.07	777.94	777.77	m ü.M.
Monats-Spitze Jahr	779.58 2003	778.89- 2000	779.02 2000	779.04 2001	780.58 1999	780.62+ 1999	779.79 1999	780.27 2005	780.52 2005	779.42 2005	779.38 2002	779.57 2002	m ü.M.
Monats-Minimum Jahr	776.11 2005	775.98 2005	776.00 2005	776.41 2005	776.97 2002	777.27+ 2003	777.24 2000	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 1999	1.46 2001	1.84 1999	0.83 1999	0.89 1999	3.10+ 2001	1.10 2005	0.98 2005	0.73 2001	0.74 2002	m
Periode		Mittel: 777.96			Spitze: 780.62 (02.06.1999)			Minimum: 775.33 (03.08.2001)			Amplitude: 5.29		

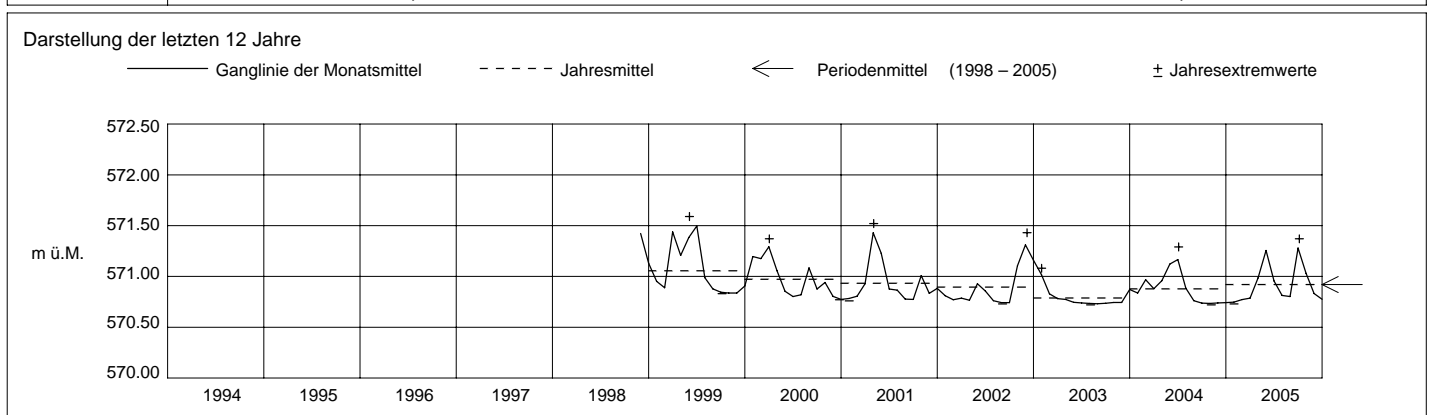


Grundwasserstände **Nr. 2086 Neuheim - Neuhus / Chrützhügel (Risi Nr.21)** **KANTON ZUG**
 Koordinaten: 686'376.00 / 229'564.00 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 633.95 m ü.M. OK Terrain: 634.05 m ü.M.**

	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
2005													
Tagesmittel	570.74-	570.76-	570.78-	570.80-	571.33	571.10+	570.85+	570.79	571.17-	571.17+	570.89+	570.79+	1
1	570.74-	570.77	570.78-	570.80-	571.33	571.09	570.85+	570.79	571.24	571.15	570.89+	570.79+	2
2	570.74-	570.77	570.78-	570.80-	571.33	571.08	570.85+	570.78	571.29	571.13	570.88	570.79+	3
3	570.74-	570.77	570.78-	570.80-	571.34+	571.07	570.84	570.78	571.33	571.11	570.87	570.79+	4
4	570.74-	570.77	570.78-	570.80-	571.33	571.06	570.84	570.78	571.35	571.10	570.87	570.79+	5
5	570.74-	570.77	570.78-	570.80-	571.33	571.04	570.84	570.78	571.37+	571.09	570.86	570.78	6
6	570.74-	570.77	570.78-	570.80-	571.33	571.02	570.83	570.78	571.36	571.09	570.86	570.78	7
7	570.74-	570.77	570.78-	570.80-	571.32	571.01	570.83	570.78	571.36	571.09	570.85	570.78	8
8	570.74-	570.77	570.78-	570.80-	571.31	571.00	570.83	570.78	571.35	571.08	570.85	570.78	9
9	570.74-	570.77	570.78-	570.80-	571.30	570.99	570.82	570.78	571.33	571.08	570.84	570.78	10
10	570.74-	570.77	570.78-	570.82	571.29	570.98	570.82	570.78	571.32	571.08	570.84	570.78	11
11	570.74-	570.77	570.78-	570.84	571.31	570.97	570.82	570.78	571.30	571.08	570.84	570.78	12
12	570.74-	570.77	570.79+	570.87	571.31	570.96	570.82	570.78	571.28	571.06	570.83	570.78	13
13	570.74-	570.77	570.79+	570.90	571.30	570.95	570.81	570.78	571.28	571.05	570.83	570.77	14
m ü.M.	570.74-	570.77	570.79+	570.93	571.29	570.94	570.81	570.78	571.29	571.04	570.83	570.77-	15
15	570.74-	570.77	570.79+	570.96	571.28	570.93	570.81	570.78	571.31	571.04	570.82	570.78	16
16	570.74-	570.77	570.79+	570.99	571.28	570.92	570.81	570.78	571.29	571.03	570.82	570.77	17
17	570.75	570.77	570.79+	571.02	571.26	570.92	570.81	570.78	571.28	571.03	570.81	570.77-	18
18	570.74-	570.77	570.79+	571.04	571.25	570.91	570.80	570.78	571.27	571.02	570.81	570.77-	19
19	570.74-	570.77	570.79+	571.07	571.24	570.91	570.80	570.78	571.27	571.01	570.81	570.77-	20
20	570.74-	570.77	570.79+	571.10	571.23	570.90	570.80	570.78	571.27	571.00	570.81	570.77-	21
+ Maximum	570.74-	570.78+	570.79+	571.13	571.23	570.89	570.80	570.78	571.27	570.99	570.81	570.77-	22
22	570.74-	570.78+	570.79+	571.16	571.21	570.89	570.80	570.78	571.26	570.98	570.81	570.77-	23
23	570.76+	570.78+	570.79+	571.19	571.19	570.88	570.80	570.78	571.26	570.97	570.81	570.77-	24
24	570.76+	570.78+	570.79+	571.20	571.18	570.88	570.79-	570.78	571.25	570.96	570.81	570.77-	25
25	570.76+	570.78+	570.79+	571.22	571.17	570.87	570.79-	570.77-	571.23	570.94	570.80	570.77-	26
- Minimum	570.76+	570.78+	570.79+	571.25	571.16	570.87	570.79-	570.78	571.22	570.93	570.80	570.77-	27
27	570.76+	570.78+	570.79+	571.28	571.15	570.87	570.79-	570.81	571.21	570.93	570.80	570.77-	28
28	570.76+	570.78+	570.79+	571.30	571.14	570.86-	570.79-	570.90	571.20	570.92	570.80	570.77-	29
29	570.76+	570.78+	570.79+	571.32+	571.13	570.86-	570.79-	570.79	571.18	570.91	570.79-	570.77-	30
30	570.76+	570.78+	570.79+	571.12-	571.12-	570.79-	570.79-	571.09+	571.18	570.90-	570.79-	570.77-	31
31													
Monatsmittel	570.75-	570.77	570.79	570.99	571.26	570.95	570.81	570.80	571.28+	571.03	570.83	570.78	m ü.M.
Spitze Datum	570.76-31.	570.7828.	570.7931.	571.3230.	571.343.	571.111.	570.861.	571.1331.	571.37+6.	571.181.	570.901.	570.802.	m ü.M.
Amplitude	0.03	0.01-	0.02	0.53+	0.23	0.26	0.10	0.36	0.23	0.29	0.11	0.04	m
Jahr	Mittel: 570.92		Spitze: 571.37 (06.09.2005)				Minimum: 570.73 (03.01.2005)				Amplitude: 0.64		

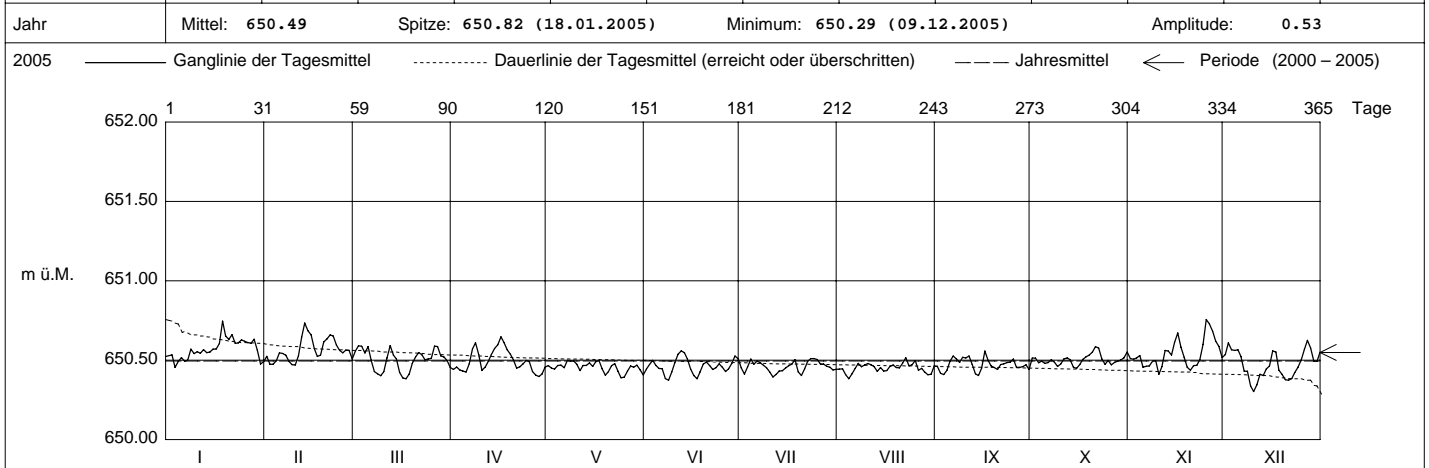


Periode 1998 - 2005 (8 Jahre)													
Monatsmittel	570.91	570.89	570.98	571.02	571.07+	570.93	570.83	570.82-	570.86	570.91	570.90	570.90	m ü.M.
Monats-Spitze Jahr	571.252000	571.362000	571.522000	571.522001	571.59+1999	571.561999	571.11-1999	571.162000	571.372005	571.202002	571.491998	571.372002	m ü.M.
Monats-Minimum Jahr	570.732005	570.76+2002	570.752002	570.742003	570.732003	570.732003	570.72-2003	570.72-2003	570.732002	570.72-2004	570.732003	570.732004	m ü.M.
Monats-Amplitude Jahr	0.20-1999	0.322000	0.592001	0.532005	0.61+2001	0.292004	0.302004	0.362005	0.232005	0.422002	0.292002	0.362002	m
Periode	Mittel: 570.92		Spitze: 571.59 (29.05.1999)				Minimum: 570.72 (16.07.2003)				Amplitude: 0.87		

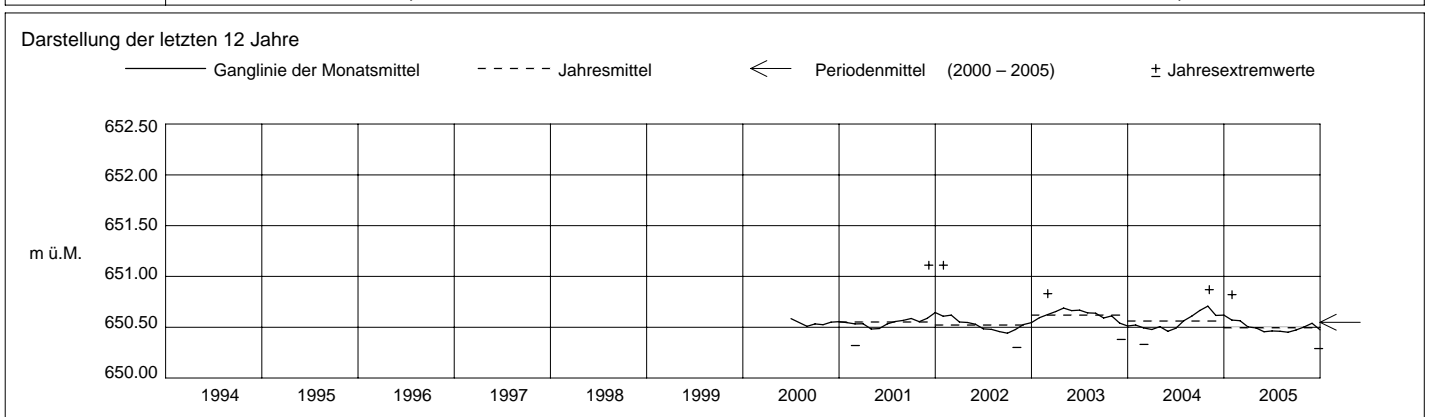


Grundwasserstände **Nr. 2089 Neuheim - Hof (SPB 1/99, Sand AG)** **KANTON ZUG**
 Koordinaten: 687'509.00 / 228'231.00 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 712.32 m ü.M. OK Terrain: 712.44 m ü.M.**

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	650.52	650.52	650.56	650.44	650.47	650.44	650.45	650.44	650.46	650.51	650.51	650.54	1	
	2	650.53	650.47-	650.59+	650.46	650.45	650.47	650.41	650.45	650.42	650.51	650.51	650.61	2	
	3	650.45-	650.47-	650.59+	650.44	650.44	650.50	650.46	650.41	650.41	650.48	650.51	650.57	3	
	4	650.49	650.50	650.55	650.43	650.47	650.47	650.51+	650.38-	650.44	650.49	650.53	650.56	4	
	5	650.52	650.55	650.59+	650.43	650.47	650.45	650.48	650.41	650.49	650.48	650.46	650.57	5	
	6	650.49	650.54	650.50	650.48	650.45	650.45	650.50	650.45	650.53	650.49	650.46	650.52	6	
	7	650.50	650.53	650.43	650.57	650.50+	650.38	650.48	650.48	650.51	650.50	650.46	650.43	7	
	8	650.57	650.49	650.41	650.61	650.49	650.37-	650.47	650.46	650.49	650.49	650.49	650.43	8	
	9	650.54	650.47-	650.40	650.54	650.50+	650.43	650.45	650.47	650.52	650.46	650.50	650.34	9	
	10	650.55	650.47-	650.43	650.44	650.47	650.48	650.43	650.48	650.51	650.48	650.41-	650.30-	10	
m ü.M.	11	650.54	650.53	650.51	650.46	650.43	650.54	650.39-	650.47	650.53	650.51	650.46	650.34	11	
	12	650.57	650.65	650.59+	650.49	650.47	650.56+	650.41	650.46	650.47	650.51	650.56	650.41	12	
	13	650.55	650.73+	650.53	650.54	650.47	650.55	650.43	650.43	650.41	650.50	650.56	650.40	13	
	14	650.55	650.69	650.51	650.57	650.48	650.51	650.43	650.45	650.40-	650.46	650.53	650.44	14	
	15	650.57	650.66	650.42	650.60	650.46	650.44	650.45	650.43	650.45	650.45-	650.61	650.46	15	
	16	650.57	650.57	650.39	650.65+	650.49	650.40	650.47	650.43	650.56+	650.47	650.67	650.56	16	
	17	650.60	650.52	650.38-	650.61	650.50+	650.38	650.48	650.46	650.50	650.51	650.58	650.55	17	
	18	650.75+	650.53	650.41	650.57	650.45	650.43	650.50	650.47	650.46	650.52	650.52	650.44	18	
	19	650.65	650.62	650.48	650.54	650.41	650.48	650.43	650.45	650.45	650.53	650.46	650.41	19	
	20	650.63	650.63	650.52	650.50	650.43	650.49	650.40	650.45	650.44	650.55	650.44	650.38	20	
+ Maximum	21	650.66	650.66	650.55	650.45	650.47	650.47	650.45	650.48	650.47	650.59+	650.47	650.37	21	
	22	650.61	650.65	650.53	650.46	650.48	650.44	650.49	650.52+	650.48	650.58	650.47	650.38	22	
	23	650.61	650.60	650.50	650.48	650.43	650.45	650.51+	650.46	650.49	650.51	650.50	650.42	23	
	24	650.63	650.56	650.51	650.50	650.39-	650.48	650.51+	650.47	650.49	650.47	650.60	650.46	24	
	25	650.62	650.55	650.51	650.49	650.39-	650.46	650.50	650.50	650.51	650.50	650.76+	650.50	25	
	- Minimum	26	650.61	650.56	650.59+	650.43	650.43	650.43	650.48	650.44	650.46	650.47	650.73	650.57	26
		27	650.61	650.56	650.59+	650.41	650.46	650.45	650.48	650.45	650.49	650.68	650.63+	27	
		28	650.63	650.51	650.53	650.40-	650.46	650.48	650.46	650.43	650.46	650.49	650.62	650.58	28
		29	650.56		650.52	650.41	650.47	650.53	650.46	650.41	650.47	650.50	650.59	650.49	29
		30	650.48		650.44	650.46	650.44	650.51	650.44	650.41	650.44	650.52	650.52	650.49	30
31		650.49		650.45	650.41	650.41	650.41	650.44	650.46	650.46	650.55	650.55	650.55	31	
Monatsmittel	650.57+	650.56	650.50	650.49	650.45-	650.46	650.46	650.45-	650.47	650.50	650.54	650.47	m ü.M.		
Spitze Datum	650.82+ 18.	650.78 13.	650.62 12.	650.68 16.	650.52- 7.	650.57 12.	650.53 4.	650.56 22.	650.58 16.	650.60 21.	650.77 25.	650.64 2.	m ü.M.		
Amplitude	0.38+	0.32	0.25	0.30	0.14-	0.22	0.15	0.19	0.19	0.16	0.37	0.35	m		
Jahr	Mittel: 650.49		Spitze: 650.82 (18.01.2005)				Minimum: 650.29 (09.12.2005)				Amplitude: 0.53				

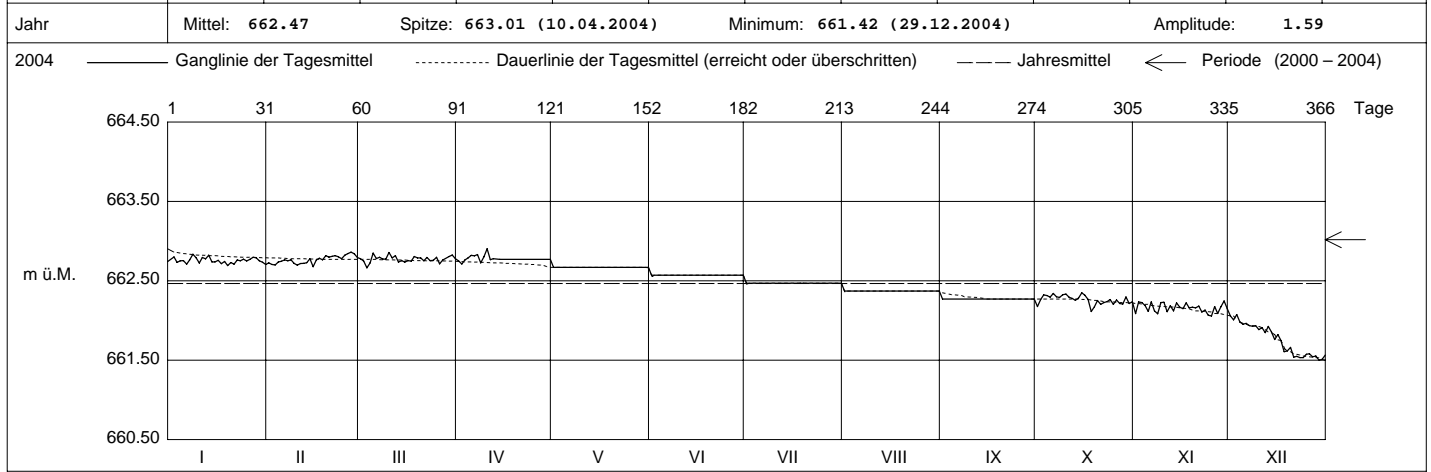


Periode 2000 - 2005 (6 Jahre)													
Monatsmittel	650.57+	650.57+	650.54	650.54	650.52-	650.54	650.54	650.54	650.54	650.55	650.56	650.56	m ü.M.
Monats-Spitze Jahr	651.11+ 2002	651.05 2002	650.93 2002	650.82 2003	650.82 2002	650.76 2003	650.74- 2003	650.76 2003	650.85 2004	650.92 2002	651.11+ 2001	651.09 2001	m ü.M.
Monats-Minimum Jahr	650.40+ 2002	650.32 2001	650.34 2004	650.36 2001	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	0.32 2002	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: 650.55		Spitze: 651.11 (18.11.2001)				Minimum: 650.29 (09.12.2005)				Amplitude: 0.82		

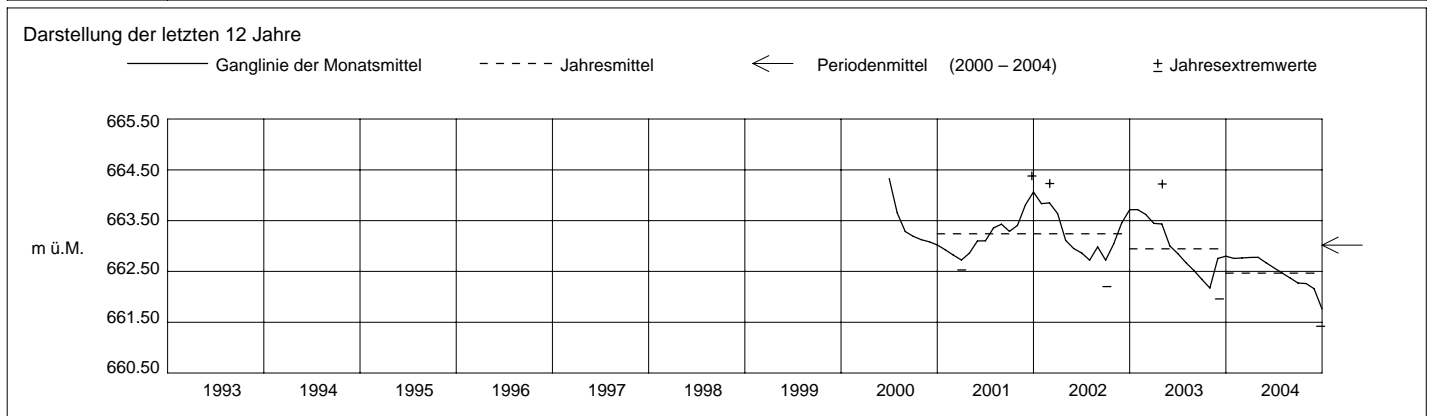


Grundwasserstände **Nr. 2090 Neuheim - Hoflinde (SPB 2/99, Sand AG)** **KANTON ZUG**
 Koordinaten: 687'580.00 / 228'077.00 Amt für Umweltschutz
 Orphimedes Abstichpunkt: 716.30 m ü.M. OK Terrain: m ü.M.

2004		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tagesmittel	1	662.74	662.73	662.78	662.75	662.67-	662.57-	662.47-	662.37-	662.27-	662.18	662.09	662.06	1		
	2	662.80	662.71	662.75	662.71-	662.67-	662.57-	662.47-	662.37-	662.27-	662.26	662.23	662.01	2		
	3	662.73	662.70	662.66-	662.76	662.67-	662.57-	662.47-	662.37-	662.27-	662.32	662.23	662.08+	3		
	4	662.75	662.74	662.73	662.79	662.67-	662.57-	662.47-	662.37-	662.27-	662.27-	662.31	662.19	661.98	4	
	5	662.75	662.75	662.85	662.82	662.67-	662.57-	662.47-	662.37-	662.27-	662.27-	662.30	662.11	661.95	5	
	6	662.71	662.76	662.78	662.82	662.67-	662.57-	662.47-	662.37-	662.27-	662.27-	662.34	662.23	661.96	6	
	7	662.77	662.75	662.80	662.83	662.67-	662.57-	662.47-	662.37-	662.27-	662.27-	662.30	662.12	661.94	7	
	8	662.83+	662.77	662.77	662.73	662.67-	662.57-	662.47-	662.37-	662.27-	662.27-	662.29	662.09	661.93	8	
	9	662.79	662.72	662.77	662.80	662.67-	662.57-	662.47-	662.37-	662.27-	662.27-	662.32	662.23	661.94	9	
	10	662.72	662.70	662.86+	662.90+	662.67-	662.57-	662.47-	662.37-	662.27-	662.27-	662.33	662.23	661.89	10	
	m ü.M.	11	662.80	662.72	662.79	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.29	662.11	661.91	11	
		12	662.78	662.72	662.82	662.78	662.67-	662.57-	662.47-	662.37-	662.27-	662.28	662.19	661.85	12	
		13	662.82	662.73	662.74	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.25	662.12	661.93	13	
		14	662.74	662.78	662.76	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.28	662.22	661.86	14	
		15	662.74	662.68-	662.74	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.35+	662.17	661.76	15	
		16	662.76	662.76	662.75	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.27-	662.25	661.82	16	
		17	662.72	662.78	662.75	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.27-	662.27	662.22	661.75	17
		18	662.75	662.77	662.81	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.27-	662.11-	662.16	661.61	18
		19	662.69-	662.82	662.79	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.27-	662.17	662.17	661.62	19
		20	662.73	662.80	662.79	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.25	662.16	661.66	20	
		+ Maximum	21	662.71	662.81	662.75	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.20	662.18	661.54	21
	22		662.76	662.82	662.79	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.23	662.11	661.55	22	
	23		662.75	662.80	662.75	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.24	662.13	661.53	23	
	24		662.77	662.78	662.76	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.26	662.07	661.53	24	
	25		662.75	662.82	662.80	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.20	662.06-	661.57	25	
	- Minimum		26	662.77	662.84	662.71	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.26	662.18	661.58	26
			27	662.80	662.86+	662.76	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.21	662.09	661.54	27
			28	662.79	662.84	662.78	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.21	662.17	661.55	28
			29	662.75	662.79	662.81	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.20	662.25+	661.50-	29
			30	662.73	662.79	662.82	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.21	662.15	661.51	30
			31	662.71	662.78	662.78	662.77	662.67-	662.57-	662.47-	662.37-	662.27-	662.24	662.15	661.57	31
Monatsmittel	662.76	662.77	662.77	662.78+	662.67	662.57	662.47	662.37	662.27	662.26	662.16	661.76-	m ü.M.			
Spitze Datum	662.92 13.	662.91 19.	662.99 10.	663.01 10.	100000.+ 1.	100000.+ 1.	100000.+ 1.	100000.+ 1.	100000.+ 1.	662.42 10.	662.34 19.	662.24- 1.	m ü.M.			
Amplitude	0.49	0.50	0.40	0.42	0.00-	0.00-	0.00-	0.00-	0.00-	0.69	0.75	0.82+	m			
Jahr	Mittel: 662.47		Spitze: 663.01 (10.04.2004)				Minimum: 661.42 (29.12.2004)				Amplitude: 1.59					



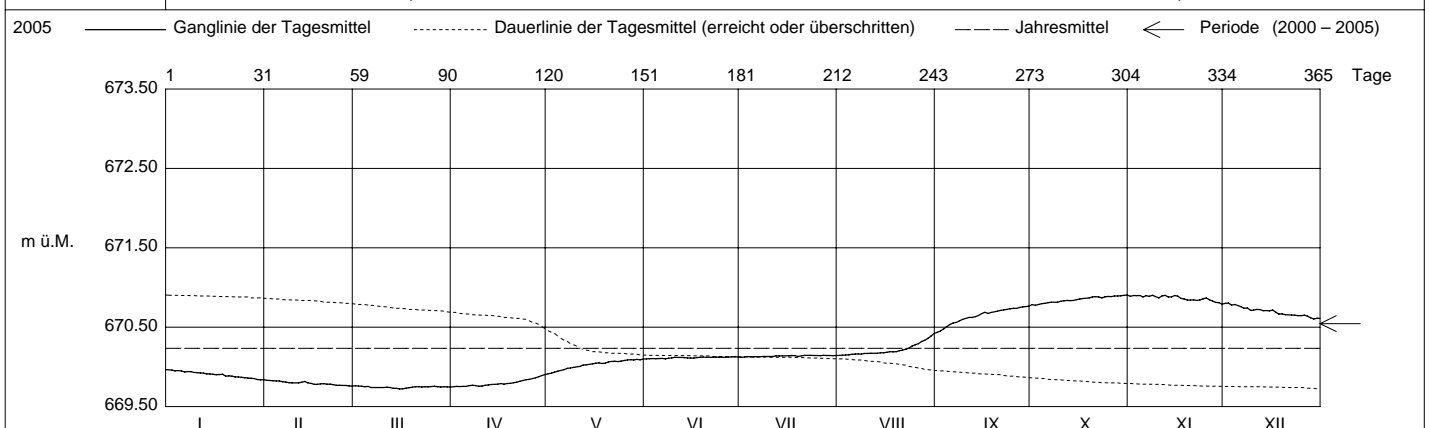
Periode		2000 - 2004 (5 Jahre)											
Monatsmittel	663.31+	663.26	663.15	663.05	662.93	663.09	662.97	662.92	662.76-	662.80	663.05	663.07	m ü.M.
Monats-Spitze Jahr	664.22 2002	664.23 2002	664.13 2002	664.22 2003	663.42- 2002	664.40+ 2000	664.29 2000	663.91 2001	663.44 2002	663.55 2001	664.37 2004	664.38 2003	m ü.M.
Monats-Minimum Jahr	662.43 2004	662.41 2004	662.53 2001	662.59 2004	662.73+ 2002	662.72 2002	662.53 2002	662.38 2003	662.20 2002	661.73 2004	661.59 2004	661.42- 2004	m ü.M.
Monats-Amplitude Jahr	0.96 2002	0.96 2002	1.09 2002	1.55+ 2003	0.69 2002	0.38- 2002	1.05 2000	1.32 2002	0.79 2002	0.82 2002	1.08 2003	0.83 2002	m
Periode	Mittel: 663.02		Spitze: 664.40 (10.06.2000)				Minimum: 661.42 (29.12.2004)				Amplitude: 2.98		



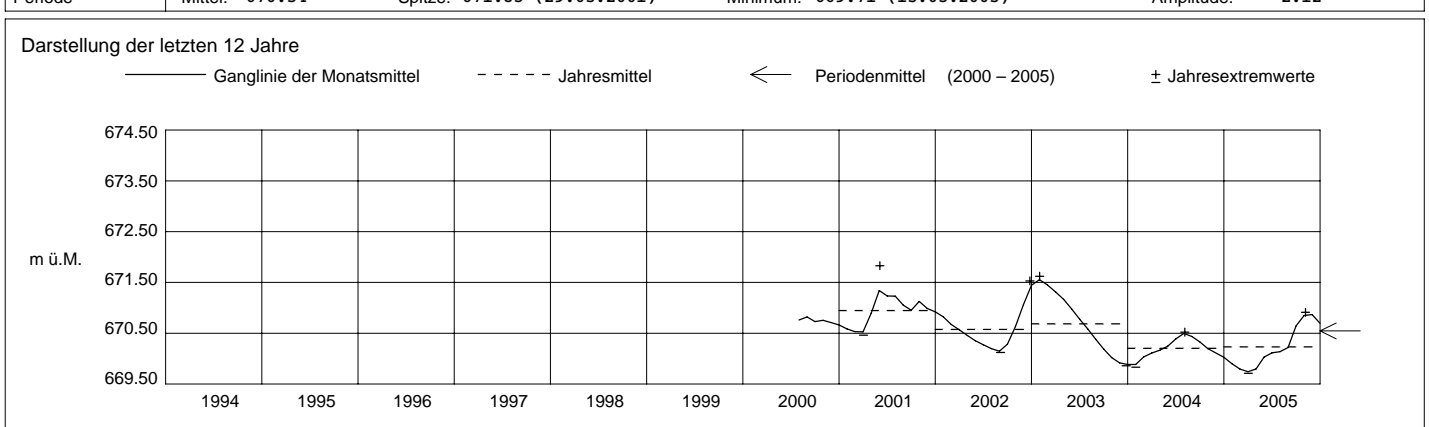
Grundwasserstände **Nr. 2091 Neuheim - Hoflinde (SPB 2/00, Sand AG)** **KANTON ZUG**
 Koordinaten: 687°541.00 / 227°947.00 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 710.57 m ü.M. OK Terrain: 710.76 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	669.96+	669.83+	669.76+	669.75-	669.91-	670.10-	670.12-	670.15-	670.44-	670.78-	670.89	670.80+	1	
		2	669.96+	669.83+	669.76+	669.75-	669.92	670.10-	670.12-	670.15-	670.45	670.78-	670.90+	670.80+	2	
		3	669.95	669.82	669.76+	669.75-	669.93	670.11	670.13	670.15-	670.48	670.79	670.90+	670.78	3	
		4	669.95	669.82	669.75	669.75-	669.95	670.10-	670.13	670.15-	670.51	670.80	670.90+	670.79	4	
		5	669.95	669.82	669.75	669.75-	669.95	670.10-	670.13	670.16	670.53	670.80	670.88	670.77	5	
		6	669.94	669.81	669.74	669.76	669.97	670.11	670.13	670.16	670.55	670.81	670.90+	670.76	6	
		7	669.94	669.81	669.74	669.77	669.98	670.10-	670.13	670.16	670.56	670.81	670.89	670.74	7	
		8	669.94	669.80	669.74	669.76	669.99	670.11	670.13	670.16	670.58	670.81	670.90+	670.74	8	
		9	669.93	669.80	669.74	669.76	669.99	670.11	670.13	670.17	670.60	670.82	670.89	670.71	9	
		10	669.93	669.80	669.74	669.76	670.00	670.12	670.13	670.17	670.61	670.83	670.87	670.72	10	
	m ü.M.	11	669.92	669.80	669.74	669.77	670.01	670.12	670.13	670.17	670.62	670.83	670.89	670.72	11	
		12	669.92	669.81	669.74	669.77	670.02	670.12	670.14+	670.17	670.62	670.84	670.90+	670.72	12	
		13	669.91	669.82	669.73	669.78	670.03	670.12	670.14+	670.17	670.63	670.84	670.88	670.71	13	
		14	669.91	669.80	669.73	669.78	670.03	670.11	670.14+	670.18	670.65	670.84	670.88	670.71	14	
		15	669.91	669.79	669.72-	669.78	670.04	670.11	670.14+	670.18	670.67	670.85	670.90+	670.71	15	
		16	669.90	669.78	669.72-	669.79	670.05	670.11	670.14+	670.18	670.69	670.85	670.89	670.72	16	
		17	669.90	669.78	669.73	669.78	670.05	670.12	670.14+	670.19	670.69	670.86	670.86	670.69	17	
		18	669.91	669.79	669.74	669.79	670.04	670.12	670.14+	670.19	670.69	670.86	670.86	670.66	18	
		19	669.88	669.79	669.74	669.79	670.05	670.12	670.13	670.19	670.69	670.87	670.84	670.67	19	
		20	669.89	669.78	669.75	669.80	670.06	670.12	670.14+	670.20	670.70	670.88	670.84	670.66	20	
	+ Maximum	21	669.88	669.78	669.75	669.81	670.07	670.12	670.14+	670.21	670.71	670.89	670.85	670.66	21	
		22	669.87	669.78	669.75	669.82	670.07	670.12	670.14+	670.22	670.72	670.88	670.84	670.65	22	
		23	669.87	669.77	669.75	669.83	670.07	670.12	670.14+	670.24	670.72	670.87	670.84	670.65	23	
		24	669.87	669.77	669.75	669.84	670.07	670.12	670.14+	670.26	670.73	670.88	670.86	670.65	24	
		25	669.86	669.77	669.75	669.84	670.08	670.12	670.14+	670.28	670.74	670.89	670.87	670.64	25	
		- Minimum	26	669.86	669.77	669.76+	669.85	670.09	670.12	670.14+	670.29	670.74	670.89	670.85	670.65	26
			27	669.86	669.76-	669.75	669.86	670.09	670.12	670.14+	670.32	670.75	670.89	670.83	670.64	27
			28	669.85	669.76-	669.74	669.88	670.09	670.13+	670.14+	670.34	670.76	670.89	670.81	670.62	28
			29	669.84-		669.75	669.89	670.09	670.13+	670.14+	670.36	670.76	670.89	670.81	670.60-	29
			30	669.84-		669.75	669.90+	670.09	670.12	670.14+	670.39	670.77+	670.90	670.79-	670.61	30
			31	669.84-		669.74		670.10+		670.14+	670.42+		670.91+		670.61	31
Monatsumme	669.90	669.79	669.74-	669.80	670.03	670.11	670.14	670.22	670.64	670.85	670.87+	670.69	m ü.M.			
Spitze Datum	669.97 1.	669.84 1.	669.77- 1.	669.91 30.	670.10 29.	670.13 19.	670.15 17.	670.43 31.	670.78 30.	670.91+ 30.	670.91+ 2.	670.81 2.	m ü.M.			
Amplitude	0.14	0.09	0.06	0.17	0.19	0.04	0.03-	0.29	0.35+	0.14	0.13	0.21	m			

Jahr Mittel: 670.23 Spitze: 670.91 (30.10.2005) Minimum: 669.71 (15.03.2005) Amplitude: 1.20

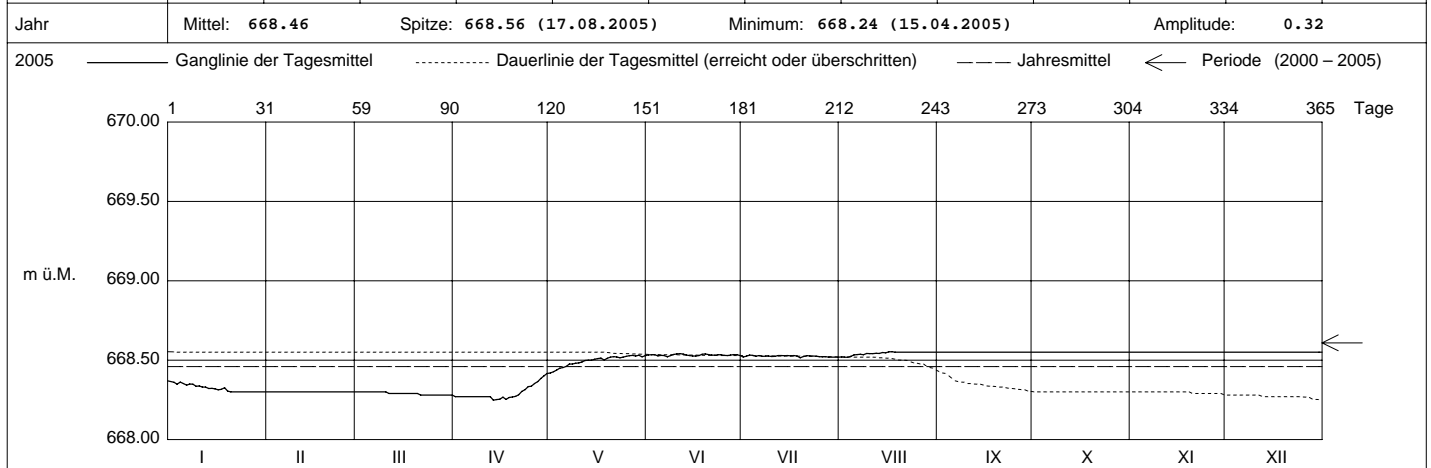


Periode		2000 - 2005 (6 Jahre)												
Monatsumme		670.55	670.49	670.45-	670.50	670.59	670.56	670.54	670.51	670.52	670.60	670.61+	670.61+	m ü.M.
Monats-Spitze Jahr		671.62 2003	671.57 2003	671.41 2003	671.28 2003	671.83+ 2001	671.27 2001	671.30 2001	671.15 2001	671.10- 2001	671.16 2001	671.32 2002	671.53 2002	m ü.M.
Monats-Minimum Jahr		669.83 2004	669.75 2005	669.71- 2005	669.74 2005	669.91 2005	670.09 2005	670.12+ 2005	670.12+ 2002	670.10 2003	669.94 2003	669.87 2003	669.86 2003	m ü.M.
Monats-Amplitude Jahr		0.15- 2002	0.22 2003	0.27 2005	0.57 2001	0.73+ 2001	0.23 2004	0.22 2003	0.29 2005	0.35 2005	0.38 2002	0.53 2002	0.21 2002	m
Periode		Mittel: 670.54		Spitze: 671.83 (29.05.2001)			Minimum: 669.71 (15.03.2005)			Amplitude: 2.12				

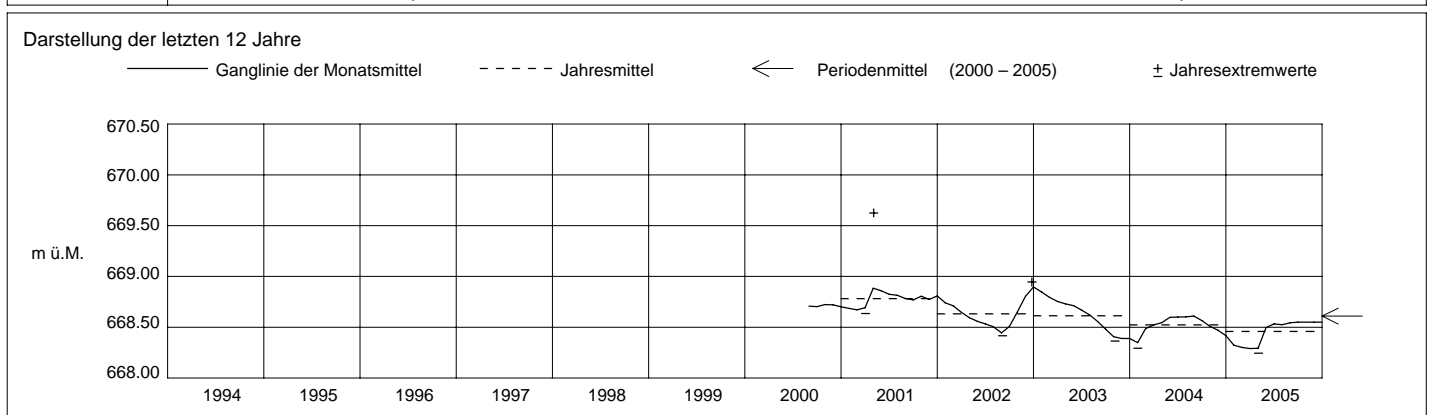


Grundwasserstände	Nr. 2092 Neuheim - Hof (SPB 3/00, Sand AG)	KANTON ZUG
Orphimedes	Koordinaten: 687'494.56 / 228'025.00	Amt für Umweltschutz
	Abstichpunkt: 708.145 m ü.M. OK Terrain: 708.298 m ü.M.	

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	668.37+	668.30-	668.30+	668.27	668.42-	668.53	668.52-	668.52-	668.55-	668.55-	668.55-	668.55-	1
		2	668.36	668.30-	668.30+	668.27	668.43	668.53	668.52-	668.52-	668.55-	668.55-	668.55-	668.55-	2
		3	668.35	668.30-	668.30+	668.27	668.44	668.53	668.53+	668.52-	668.55-	668.55-	668.55-	668.55-	3
		4	668.36	668.30-	668.30+	668.27	668.45	668.53	668.53+	668.52-	668.55-	668.55-	668.55-	668.55-	4
		5	668.35	668.30-	668.30+	668.27	668.45	668.53	668.53	668.52-	668.55-	668.55-	668.55-	668.55-	5
		6	668.34	668.30-	668.30+	668.27	668.46	668.53	668.53+	668.54	668.55-	668.55-	668.55-	668.55-	6
		7	668.35	668.30-	668.30+	668.27	668.48	668.52-	668.52-	668.54	668.55-	668.55-	668.55-	668.55-	7
		8	668.35	668.30-	668.30+	668.27	668.48	668.53	668.53+	668.53	668.55-	668.55-	668.55-	668.55-	8
		9	668.34	668.30-	668.30+	668.27	668.48	668.53	668.53+	668.54	668.55-	668.55-	668.55-	668.55-	9
		10	668.34	668.30-	668.30+	668.27	668.48	668.54+	668.54+	668.52-	668.54	668.55-	668.55-	668.55-	10
	11	668.33	668.30-	668.29	668.27	668.49	668.54+	668.52-	668.54	668.55-	668.55-	668.55-	668.55-	11	
	12	668.32	668.30-	668.29	668.27	668.50	668.54+	668.53+	668.54	668.55-	668.55-	668.55-	668.55-	12	
	13	668.32	668.30-	668.29	668.25-	668.50	668.53	668.53+	668.54	668.55-	668.55-	668.55-	668.55-	13	
	14	668.32	668.30-	668.29	668.25-	668.50	668.53	668.53+	668.55+	668.55-	668.55-	668.55-	668.55-	14	
	15	668.32	668.30-	668.29	668.25-	668.51	668.53	668.53+	668.55+	668.55-	668.55-	668.55-	668.55-	15	
	16	668.31	668.30-	668.29	668.27	668.51	668.53	668.53+	668.55+	668.55-	668.55-	668.55-	668.55-	16	
	17	668.32	668.30-	668.29	668.25-	668.51	668.53	668.53+	668.55+	668.55-	668.55-	668.55-	668.55-	17	
	18	668.33	668.30-	668.29	668.27	668.50	668.54+	668.53+	668.55+	668.55-	668.55-	668.55-	668.55-	18	
	19	668.30-	668.30-	668.29	668.27	668.51	668.54+	668.52-	668.55+	668.55-	668.55-	668.55-	668.55-	19	
	20	668.30-	668.30-	668.29	668.27	668.52	668.54+	668.52-	668.55+	668.55-	668.55-	668.55-	668.55-	20	
	21	668.30-	668.30-	668.28-	668.28	668.52	668.53	668.53+	668.55+	668.55-	668.55-	668.55-	668.55-	21	
	22	668.30-	668.30-	668.28-	668.30	668.52	668.53	668.53+	668.55+	668.55-	668.55-	668.55-	668.55-	22	
	23	668.30-	668.30-	668.28-	668.31	668.51	668.53	668.53+	668.55+	668.55-	668.55-	668.55-	668.55-	23	
	24	668.30-	668.30-	668.28-	668.33	668.52	668.53	668.52-	668.55+	668.55-	668.55-	668.55-	668.55-	24	
	25	668.30-	668.30-	668.28-	668.34	668.52	668.53	668.52-	668.55+	668.55-	668.55-	668.55-	668.55-	25	
	26	668.30-	668.30-	668.28-	668.35	668.53+	668.53	668.52-	668.55+	668.55-	668.55-	668.55-	668.55-	26	
	27	668.30-	668.30-	668.28-	668.36	668.53+	668.53	668.52-	668.55+	668.55-	668.55-	668.55-	668.55-	27	
	28	668.30-	668.30-	668.28-	668.38	668.53+	668.53	668.52-	668.55+	668.55-	668.55-	668.55-	668.55-	28	
	29	668.30-	668.30-	668.28-	668.40	668.53+	668.53	668.52-	668.55+	668.55-	668.55-	668.55-	668.55-	29	
	30	668.30-	668.30-	668.28-	668.42+	668.52	668.53	668.52-	668.55+	668.55-	668.55-	668.55-	668.55-	30	
	31	668.30-	668.30-	668.28-	668.53+	668.53+	668.53	668.52-	668.55+	668.55-	668.55-	668.55-	668.55-	31	
Monatsmittel		668.32	668.30	668.29-	668.29-	668.50	668.53	668.52	668.54	668.55+	668.55+	668.55+	668.55+	m ü.M.	
Spitze Datum		668.38- 2.	100000.+ 1.	100000.+ 1.	668.42 30.	668.54 29.	668.54 3.	668.54 4.	668.56 17.	100000.+ 1.	100000.+ 1.	100000.+ 1.	100000.+ 1.	m ü.M.	
Amplitude		0.07	0.00-	0.00-	0.18+	0.13	0.03	0.04	0.04	0.00-	0.00-	0.00-	0.00-	m	
Jahr		Mittel: 668.46			Spitze: 668.56 (17.08.2005)			Minimum: 668.24 (15.04.2005)			Amplitude: 0.32				

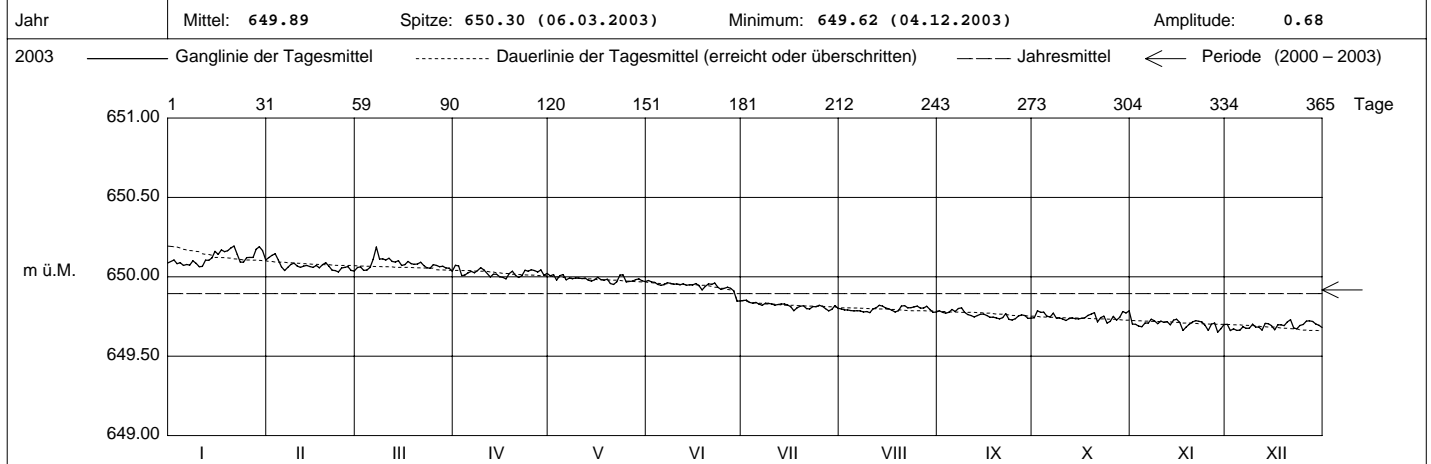


Periode		2000 - 2005 (6 Jahre)												
Monatsmittel		668.59	668.59	668.58-	668.61	668.64+	668.63	668.61	668.60	668.60	668.61	668.62	668.63	m ü.M.
Monats-Spitze Jahr		668.92 2003	668.89 2003	669.06 2001	669.63+ 2001	669.17 2001	668.84 2001	668.85 2001	668.82- 2001	668.82- 2001	668.83 2001	668.93 2002	669.20 2001	m ü.M.
Monats-Minimum Jahr		668.29 2004	668.43 2004	668.50 2004	668.24- 2005	668.41 2005	668.51+ 2002	668.44 2002	668.42 2002	668.44 2003	668.36 2003	668.45 2004	668.36 2004	m ü.M.
Monats-Amplitude Jahr		0.15 2004	0.12 2003	0.42 2001	0.89+ 2001	0.35 2001	0.07- 2002	0.10 2002	0.09 2003	0.13 2002	0.12 2002	0.25 2002	0.46 2001	m
Periode		Mittel: 668.61			Spitze: 669.63 (29.04.2001)			Minimum: 668.24 (15.04.2005)			Amplitude: 1.39			

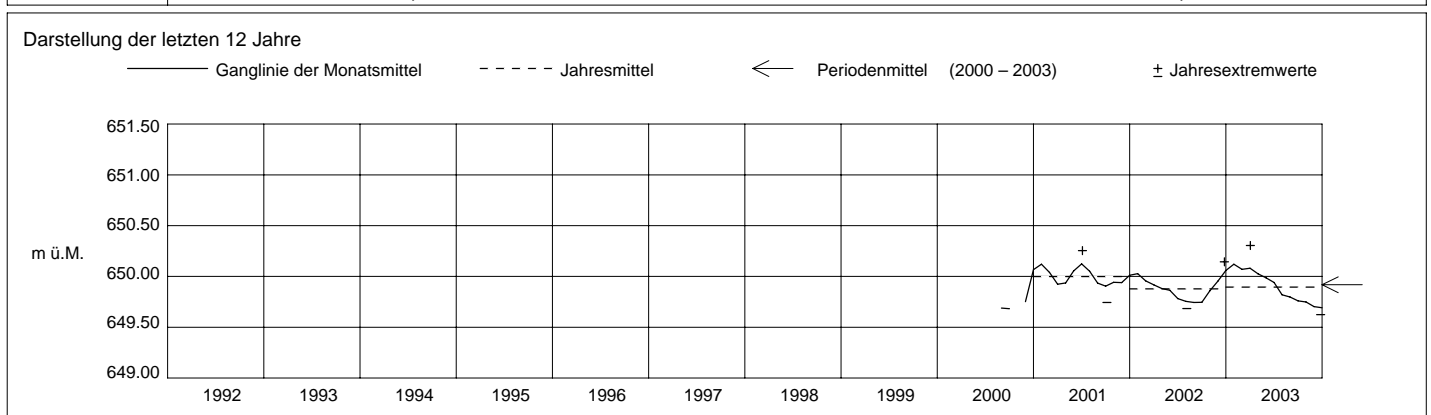


Grundwasserstände **Nr. 2093 Neuheim - Hof (SPB 4/00, Sand AG)** **KANTON ZUG**
 Koordinaten: 687'476.43 / 228'100.05 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 711.674 m ü.M. OK Terrain: 711.856 m ü.M.**

2003		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	650.09	650.12	650.06	650.07+	650.01+	649.98+	649.85+	649.80	649.79	649.74	649.70	649.70	1
	2	650.11	650.13	650.06	650.07+	650.01+	649.97	649.85+	649.79	649.78	649.79+	649.70	649.66-	2
	3	650.08	650.15+	650.04	650.01	649.98	649.96	649.84	649.79	649.77	649.78	649.69	649.67	3
	4	650.09	650.10	650.04	650.01	650.01+	649.95	649.83	649.79	649.78	649.78	649.69	649.66-	4
	5	650.07	650.06	650.06	650.02	650.01+	649.95	649.84	649.78	649.79	649.75	649.71	649.66-	5
	6	650.08	650.04	650.11	650.03	649.98	649.95	649.83	649.79	649.78	649.75	649.71	649.69	6
	7	650.07	650.06	650.19+	650.02	649.99	649.96	649.82	649.78	649.80+	649.77	649.73+	649.68	7
	8	650.10	650.08	650.11	650.04	649.99	649.96	649.83	649.78	649.80+	649.74	649.72	649.68	8
	9	650.08	650.09	650.11	650.06	649.99	649.95	649.83	649.78	649.78	649.74	649.70	649.70	9
	10	650.06-	650.07	650.11	650.04	649.99	649.95	649.83	649.77-	649.76	649.73	649.72	649.68	10
m ü.M.	11	650.07	650.06	650.12	650.02	649.99	649.95	649.82	649.80	649.76	649.72	649.71	649.68	11
	12	650.10	650.07	650.10	650.00	649.99	649.96	649.80	649.75	649.75	649.74	649.72	649.66-	12
	13	650.10	650.07	650.09	650.02	649.98	649.95	649.83	649.82+	649.76	649.74	649.70	649.71	13
	14	650.12	650.06	650.10	650.02	649.97	649.95	649.83	649.82+	649.76	649.74	649.73+	649.70	14
	15	650.16	650.06	650.07	650.00	649.98	649.95	649.82	649.80	649.76	649.73	649.73+	649.69	15
	16	650.14	650.07	650.08	650.00	650.00	649.96	649.81	649.80	649.76	649.74	649.71	649.67	16
	17	650.17	650.06	650.10	649.99-	649.98	649.94	649.79	649.80	649.74	649.74	649.66	649.70	17
	18	650.16	650.08	650.08	650.02	649.98	649.92	649.80	649.78	649.75	649.76	649.68	649.70	18
	19	650.16	650.09	650.08	650.03	649.98	649.94	649.81	649.79	649.74	649.76	649.70	649.69	19
	20	650.18	650.07	650.08	650.01	649.96	649.96	649.82	649.82+	649.73-	649.77	649.71	649.72	20
+ Maximum	21	650.19+	650.04	650.09	650.00	649.95-	649.95	649.80	649.82+	649.74	649.72	649.72	649.73+	21
	22	650.14	650.04	650.07	650.01	649.97	649.96	649.80	649.80	649.77	649.74	649.72	649.68	22
	23	650.09	650.03-	650.06	650.04	650.01+	649.93	649.81	649.81	649.73-	649.75	649.72	649.67	23
	24	650.09	650.06	650.05	650.03	650.01+	649.92	649.81	649.81	649.73-	649.71-	649.69	649.69	24
	25	650.12	650.06	650.08	650.04	649.97	649.93	649.82	649.82+	649.74	649.72	649.66	649.70	25
	26	650.12	650.06	650.07	650.04	649.97	649.93	649.81	649.80	649.75	649.75	649.70	649.72	26
	27	650.12	650.04	650.06	650.03	649.97	649.93	649.80	649.80	649.76	649.73	649.71	649.72	27
	28	650.17	650.04	650.07	650.04	649.98	649.91	649.78-	649.81	649.76	649.74	649.65-	649.72	28
	29	650.19+		650.06	650.01	649.99	649.85-	649.80	649.79	649.74	649.78	649.67	649.70	29
	30	650.17		650.05	650.02	649.97	649.85-	649.82	649.78	649.74	649.77	649.70	649.69	30
31	650.11		650.03-		649.97		649.80	649.78	649.78	649.78	649.68	649.68	31	
Monatsmittel		650.12+	650.07	650.08	650.02	649.99	649.94	649.82	649.80	649.76	649.75	649.70	649.69-	m ü.M.
Spitze Datum		650.22 28.	650.17 3.	650.30+ 6.	650.11 1.	650.03 19.	649.98 1.	649.87 1.	649.85 28.	649.82 7.	649.81 7.	649.75- 15.	649.84 24.	m ü.M.
Amplitude		0.18	0.16	0.30+	0.15	0.10-	0.16	0.11	0.10-	0.13	0.13	0.12	0.22	m
Jahr		Mittel: 649.89			Spitze: 650.30 (06.03.2003)			Minimum: 649.62 (04.12.2003)			Amplitude: 0.68			



Periode		2000 - 2003 (4 Jahre)												
Monatsmittel		650.09+	650.02	649.97	649.95	649.97	649.95	649.87	649.81	649.78-	649.85	649.84	649.96	m ü.M.
Monats-Spitze Jahr		650.22 2003	650.17 2003	650.30 2003	650.11 2003	650.15 2001	650.25 2001	650.13 2001	650.06 2001	649.97- 2001	650.01 2001	650.06 2001	650.32+ 2000	m ü.M.
Monats-Minimum Jahr		649.94+ 2002	649.88 2002	649.80 2001	649.82 2002	649.78 2002	649.72 2002	649.68 2002	649.61 2000	649.62 2000	649.68 2003	649.49- 2000	649.62 2003	m ü.M.
Monats-Amplitude Jahr		0.18 2003	0.16 2002	0.30 2001	0.15- 2001	0.21 2001	0.25 2001	0.16 2001	0.18 2001	0.23 2001	0.16 2002	0.44 2000	0.51+ 2000	m
Periode		Mittel: 649.92			Spitze: 650.32 (13.12.2000)			Minimum: 649.49 (09.11.2000)			Amplitude: 0.83			



Grundwasserstände

Nr. 2113 Menzingen - Kieswerk Senn

KANTON ZUG

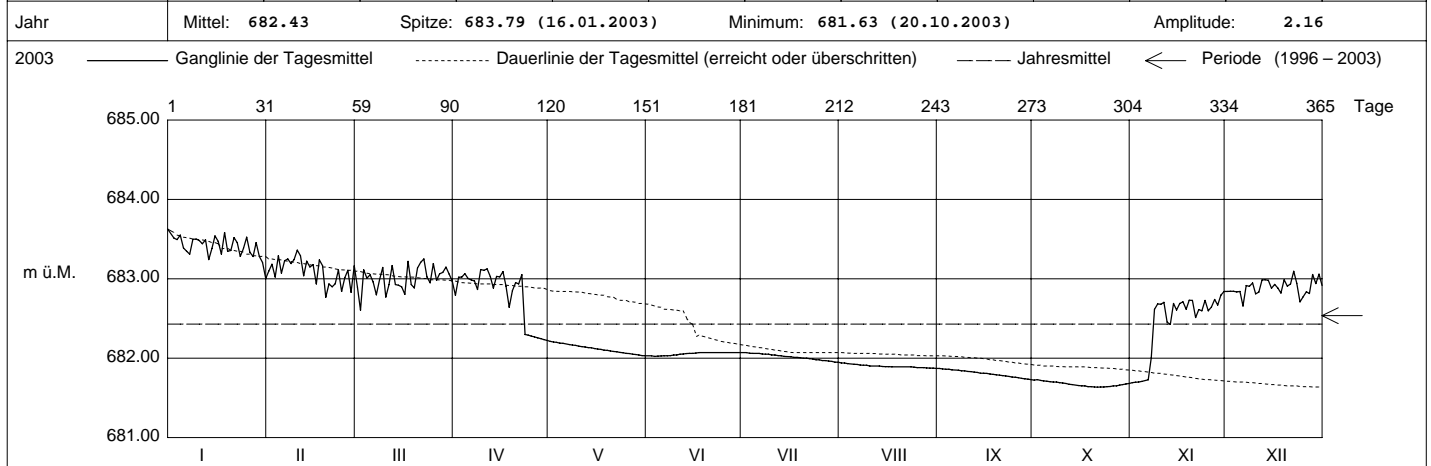
Koordinaten: 685'696 / 227'032

Amt für Umweltschutz

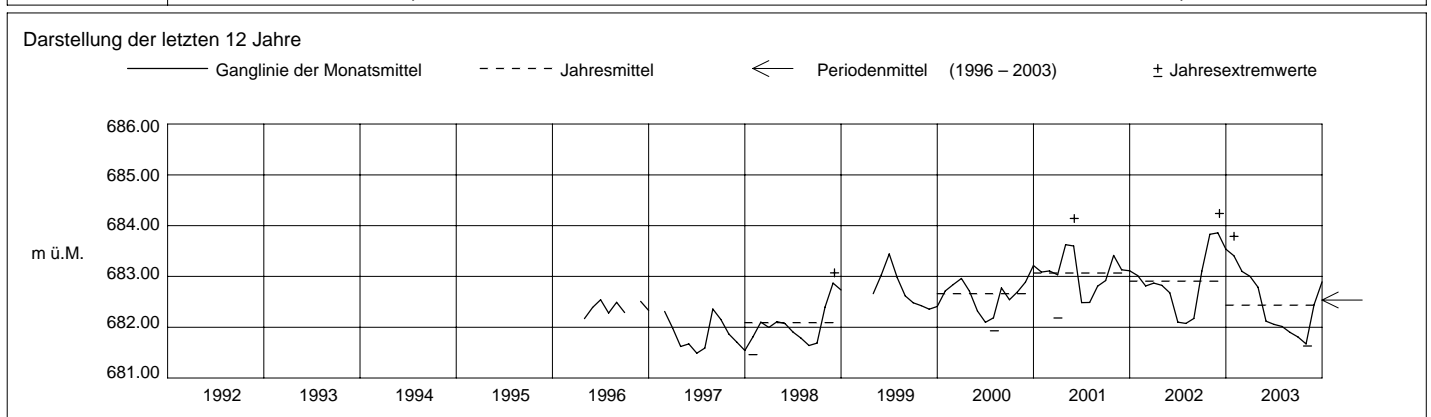
Orphimedes

Abstichpunkt: 710.02 m ü.M. OK Terrain: 710.13 m ü.M.

2003		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	683.63+	683.10	682.89	682.79	682.21+	682.03	682.07+	681.94+	681.87+	681.72	681.69-	682.84	1	
	2	683.51	683.18	682.61-	683.02	682.20	682.03	682.07+	681.94+	681.87+	681.73+	681.70	682.84	2	
	3	683.50	683.02	683.11	683.02	682.20	682.02-	682.06	681.93	681.86	681.72	681.70	682.84	3	
	4	683.55	683.29	683.01	683.07	682.19	682.03	682.06	681.93	681.86	681.71	681.71	682.84	4	
	5	683.39	683.07	683.05	683.01	682.19	682.03	682.06	681.92	681.85	681.71	681.72	682.84	5	
	6	683.35	683.23	682.96	682.99	682.18	682.03	682.06	681.92	681.85	681.70	681.73	682.66-	6	
	7	683.31	683.25	682.80	682.97	682.17	682.03	682.05	681.91	681.85	681.70	682.01	682.92	7	
	8	683.50	683.19	682.99	682.87	682.17	682.03	682.05	681.91	681.84	681.70	682.62	682.91	8	
	9	683.50	683.24	683.14	683.12	682.16	682.04	682.05	681.91	681.84	681.69	682.68	682.95	9	
	10	683.48	683.36+	682.77	683.11	682.15	682.04	682.04	681.90	681.83	681.69	682.68	682.81	10	
	m ü.M.	11	683.44	683.29	682.93	683.13+	682.15	682.05	682.04	681.90	681.83	681.68	682.70	682.83	11
		12	683.49	683.04	683.17	683.03	682.14	682.05	682.03	681.90	681.83	681.67	682.45	682.99	12
		13	683.24	683.22	682.93	682.88	682.13	682.06	682.03	681.90	681.82	681.67	682.43	682.99	13
		14	683.38	683.15	682.92	683.03	682.13	682.06	682.02	681.90	681.81	681.66	682.69	682.98	14
		15	683.54	683.18	682.90	683.03	682.12	682.06	682.02	681.89	681.81	681.66	682.61	682.88	15
		16	683.47	682.94	682.81	683.09	682.12	682.07+	682.02	681.89	681.81	681.65	682.69	682.93	16
		17	683.31	683.24	683.22	682.91	682.11	682.07+	682.01	681.89	681.80	681.65	682.71	682.88	17
		18	683.58	683.17	682.93	682.64	682.10	682.07+	682.01	681.89	681.80	681.64-	682.62	682.82	18
		19	683.35	682.77-	682.89	682.85	682.10	682.07+	682.01	681.89	681.79	681.64-	682.73	682.99	19
		20	683.36	682.94	683.14	682.95	682.09	682.07+	682.00	681.89	681.79	681.64-	682.73	682.91	20
		+ Maximum	21	683.52	682.90	683.21	682.94	682.09	682.07+	682.00	681.89	681.78	681.64-	682.51	682.94
	22		683.46	682.94	683.25+	683.05	682.08	682.07+	681.99	681.89	681.78	681.64-	682.61	683.10+	22
	23		683.28	683.11	683.03	682.30	682.07	682.07+	681.99	681.89	681.77	681.64-	682.60	682.94	23
	24		683.38	682.84	682.95	682.29	682.07	682.07+	681.98	681.89	681.76	681.64-	682.73	682.71	24
	25		683.53	683.02	683.19	682.28	682.06	682.07+	681.98	681.88	681.76	681.64-	682.60	682.78	25
	26		683.34	683.11	682.98	682.27	682.06	682.07+	681.97	681.88	681.75	681.65	682.65	682.84	26
	27		683.28	682.83	683.06	682.26	682.05	682.07+	681.97	681.88	681.75	681.65	682.74	682.82	27
	28		683.46	683.16	683.08	682.25	682.05	682.07+	681.96	681.88	681.74	681.66	682.67	683.06	28
	29		683.28		683.15	682.23	682.04	682.07+	681.96	681.88	681.74	681.67	682.80	682.94	29
	30		683.21		683.06	682.22-	682.03-	682.07+	681.95-	681.88	681.73-	681.68	682.84+	683.06	30
	31		683.01-		682.97	682.03-	682.03-	682.07+	681.95-	681.87-	681.73-	681.68	682.84+	682.92	31
Monatsmittel		683.41+	683.10	683.00	682.79	682.12	682.05	682.02	681.90	681.80	681.67-	682.44	682.89	m ü.M.	
Spitze Datum		683.79+ 16.	683.58 4.	683.43 27.	683.34 11.	682.22 1.	682.07 16.	682.07 1.	681.94 1.	681.87 1.	681.73- 1.	682.92 30.	683.15 26.	m ü.M.	
Amplitude		1.19	1.23+	1.14	1.12	0.19	0.05-	0.12	0.07	0.14	0.10	1.23+	0.86	m	
Jahr		Mittel: 682.43			Spitze: 683.79 (16.01.2003)			Minimum: 681.63 (20.10.2003)			Amplitude: 2.16				



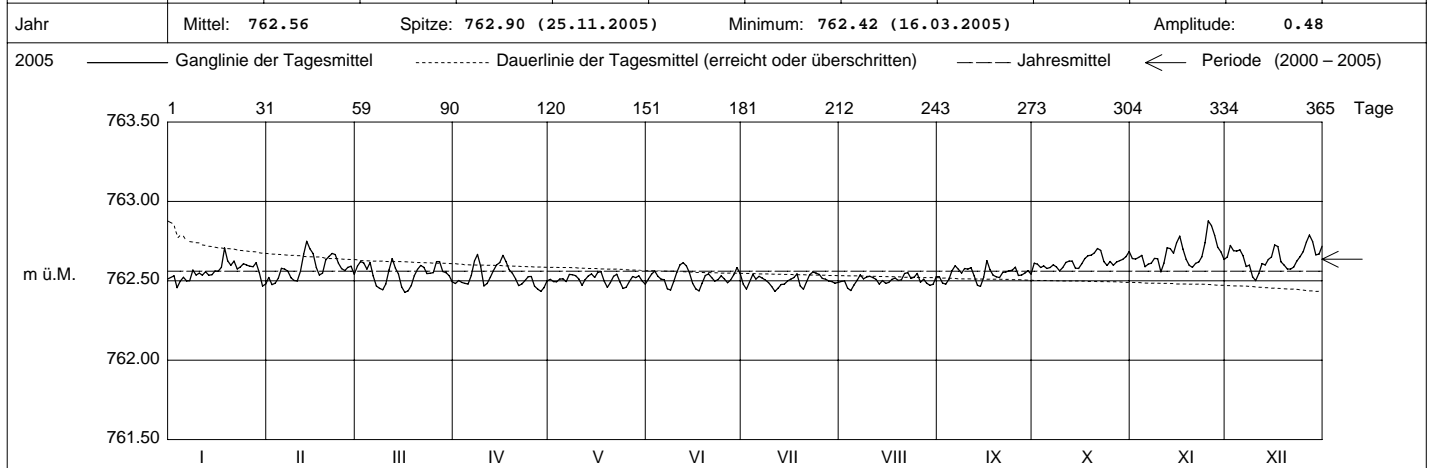
Periode		1996 - 2003 (8 Jahre)												
Monatsmittel		682.81	682.79	682.69	682.61	682.50	682.15	682.14-	682.32	682.38	682.61	682.85+	682.78	m ü.M.
Monats-Spitze Jahr		683.79 2003	683.58 2003	683.71 2001	684.12 2001	684.14 2001	683.79 1999	683.18- 1999	683.25 2001	683.76 2002	684.02 2002	684.24+ 2002	684.02 2002	m ü.M.
Monats-Minimum Jahr		681.46 1998	682.04 1998	681.93 1997	681.13 1997	681.56 1997	679.88- 2002	681.37 1997	681.53 1998	681.46 1998	681.63 2003	681.65 1997		m ü.M.
Monats-Amplitude Jahr		1.19 2003	1.23 2003	1.53 2001	1.12 2003	2.24 1999	2.44+ 1999	0.99 2002	1.17 2002	1.46 2002	0.76- 2002	1.23 2003	1.30 2002	m
Periode		Mittel: 682.54			Spitze: 684.24 (30.11.2002)			Minimum: 0.00 (00.12.1996)			Amplitude: 684.24			



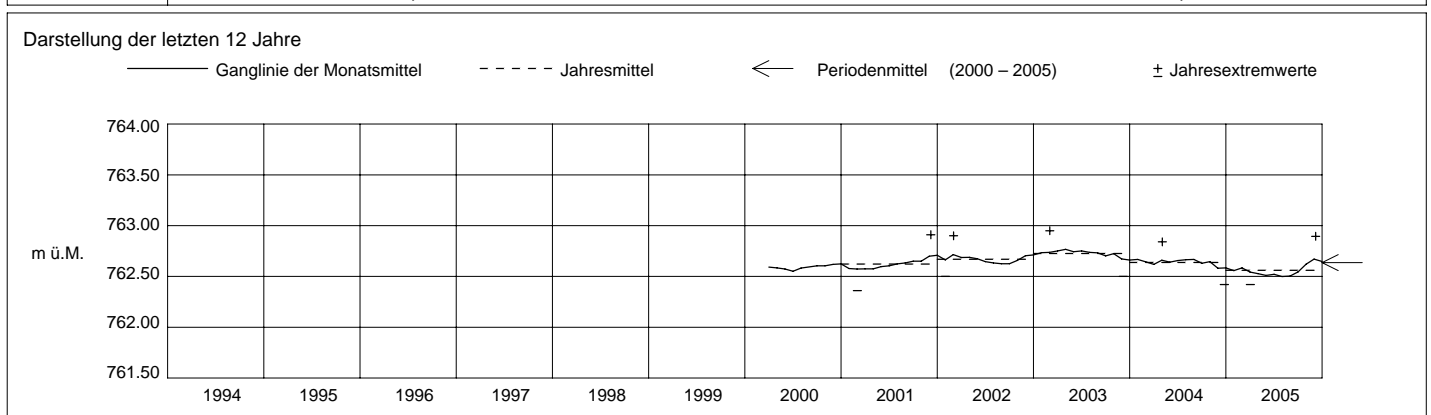
Ab April 2004 Messstelle aufgehoben.

Grundwasserstände **Nr. 2178 Menzingen - Schurtannen** **KANTON ZUG**
 Koordinaten: 687'442 / 224'282 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 839.325 m ü.M. OK Terrain: 839.46 m ü.M.**

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	762.51	762.52	762.59	762.48	762.51	762.51	762.48	762.50	762.53	762.61	762.64	762.65	1	
	2	762.53	762.48-	762.62	762.50	762.50	762.54	762.45	762.50	762.49	762.61	762.64	762.72	2	
	3	762.46-	762.49	762.61	762.49	762.49	762.56	762.49	762.45	762.48	762.58	762.65	762.69	3	
	4	762.50	762.52	762.57	762.48	762.51	762.53	762.54	762.44-	762.51	762.59	762.66	762.69	4	
	5	762.52	762.58	762.62	762.48	762.51	762.51	762.51	762.51	762.47	762.56	762.59	762.70	5	
	6	762.50	762.57	762.53	762.53	762.50	762.51	762.53	762.50	762.60	762.58	762.61	762.66	6	
	7	762.50	762.56	762.47	762.63	762.54	762.45	762.52	762.54	762.57	762.60	762.61	762.59	7	
	8	762.57	762.52	762.45	762.67+	762.54	762.44-	762.50	762.52	762.55	762.59	762.64	762.60	8	
	9	762.54	762.50	762.44	762.59	762.53	762.50	762.49	762.52	762.58	762.56-	762.64	762.53	9	
	10	762.55	762.50	762.47	762.47	762.51	762.55	762.46	762.53	762.57	762.58	762.56-	762.50-	10	
	11	762.54	762.56	762.57	762.48	762.47	762.60	762.43-	762.52	762.58	762.62	762.61	762.55	11	
	12	762.56	762.67	762.64+	762.52	762.51	762.61+	762.45	762.51	762.53	762.62	762.71	762.61	12	
	13	762.54	762.75+	762.58	762.56	762.53	762.59	762.48	762.48	762.47-	762.62	762.70	762.60	13	
	m ü.M.	14	762.54	762.70	762.54	762.60	762.54	762.55	762.48	762.50	762.47-	762.58	762.67	762.63	14
	15	762.56	762.67	762.46	762.62	762.52	762.48	762.50	762.48	762.52	762.58	762.74	762.65	15	
	16	762.56	762.58	762.43-	762.66	762.55	762.45	762.51	762.49	762.63+	762.61	762.78	762.73	16	
	17	762.59	762.54	762.44	762.62	762.56+	762.44-	762.52	762.51	762.57	762.64	762.70	762.72	17	
	18	762.71+	762.55	762.47	762.57	762.50	762.49	762.54	762.52	762.54	762.66	762.64	762.62	18	
	19	762.63	762.63	762.53	762.55	762.46	762.53	762.47	762.50	762.53	762.66	762.60	762.60	19	
	20	762.60	762.65	762.57	762.51	762.49	762.54	762.45	762.51	762.52	762.68	762.59	762.58	20	
	21	762.62	762.67	762.60	762.47	762.53	762.52	762.50	762.55+	762.55	762.70+	762.61	762.57	21	
	22	762.58	762.67	762.59	762.48	762.54	762.50	762.45	762.55+	762.56	762.69	762.62	762.59	22	
	23	762.59	762.61	762.55	762.50	762.49	762.51	762.52	762.52	762.56	762.62	762.65	762.62	23	
	24	762.61	762.58	762.55	762.53	762.45-	762.53	762.55	762.52	762.57	762.60	762.74	762.65	24	
	+ Maximum	25	762.60	762.57	762.55	762.53	762.46	762.51	762.54	762.55+	762.59	762.62	762.88+	762.68	25
	26	762.59	762.59	762.62	762.47	762.50	762.49	762.52	762.49	762.53	762.60	762.85	762.74	26	
	- Minimum	27	762.59	762.59	762.62	762.45	762.53	762.51	762.51	762.54	762.62	762.79	762.79+	27	
	28	762.61	762.54	762.56	762.43-	762.52	762.54	762.50	762.49	762.55	762.63	762.71	762.75	28	
	29	762.55		762.55	762.46	762.53	762.58	762.50	762.47	762.56	762.64	762.68	762.66	29	
	30	762.47		762.53	762.50	762.50	762.55	762.49	762.48	762.54	762.65	762.63	762.67	30	
	31	762.48		762.49	762.48	762.48		762.49	762.53	762.53	762.69	762.69	762.72	31	
Monatsmittel		762.56	762.58	762.54	762.53	762.51	762.52	762.50-	762.50-	762.54	762.62	762.67+	762.65	m ü.M.	
Spitze Datum		762.77 18.	762.78 13.	762.67 12.	762.69 8.	762.57 14.	762.62 11.	762.56- 4.	762.57 22.	762.65 16.	762.72 21.	762.90+ 25.	762.80 27.	m ü.M.	
Amplitude		0.32	0.31	0.25	0.26	0.13-	0.20	0.14	0.14	0.20	0.17	0.35+	0.31	m	
Jahr		Mittel: 762.56			Spitze: 762.90 (25.11.2005)			Minimum: 762.42 (16.03.2005)			Amplitude: 0.48				

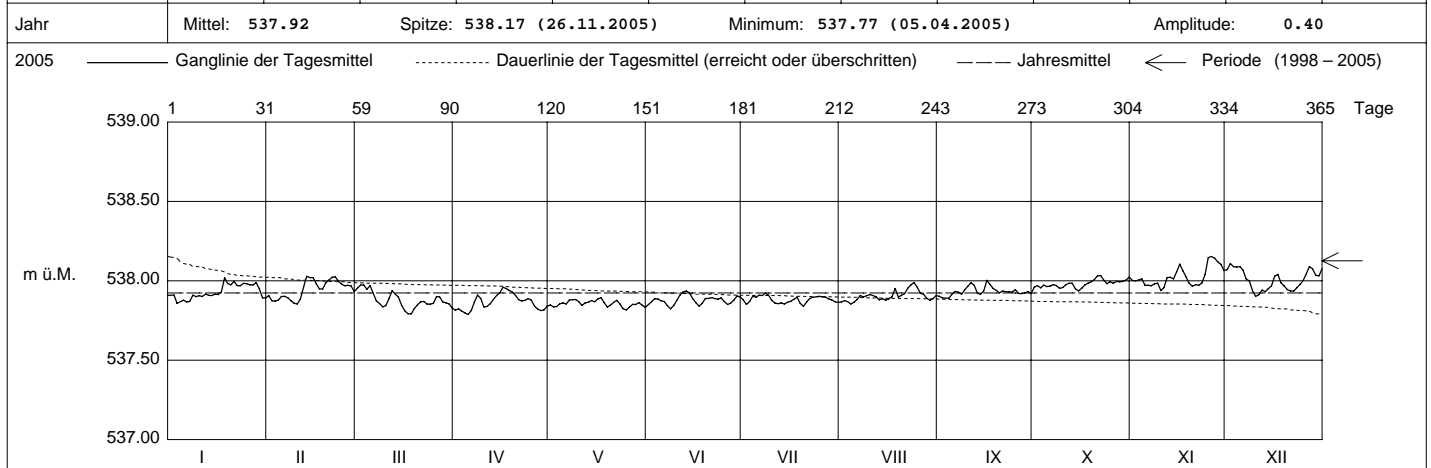


Periode 2000 - 2005 (6 Jahre)													
Monatsmittel	762.64	762.65	762.63	762.63	762.62-	762.62-	762.62-	762.63	762.63	762.65	762.66+	762.66+	m ü.M.
Monats-Spitze Jahr	762.94 2003	762.95+ 2003	762.82- 2003	762.92 2003	762.86 2003	762.84 2002	762.82- 2003	762.82- 2003	762.83	762.93	762.90 2001	762.89 2002	m ü.M.
Monats-Minimum Jahr	762.45 2005	762.36- 2001	762.42 2001	762.40 2000	762.44 2005	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	0.38 2003	0.39+ 2001	0.34 2001	0.35 2000	0.29 2004	0.26 2002	0.21 2001	0.18- 2002	0.25 2000	0.35 2000	0.39+ 2000	0.36 2004	m
Periode	Mittel: 762.64			Spitze: 762.95 (03.02.2003)			Minimum: 762.36 (11.02.2001)			Amplitude: 0.59			

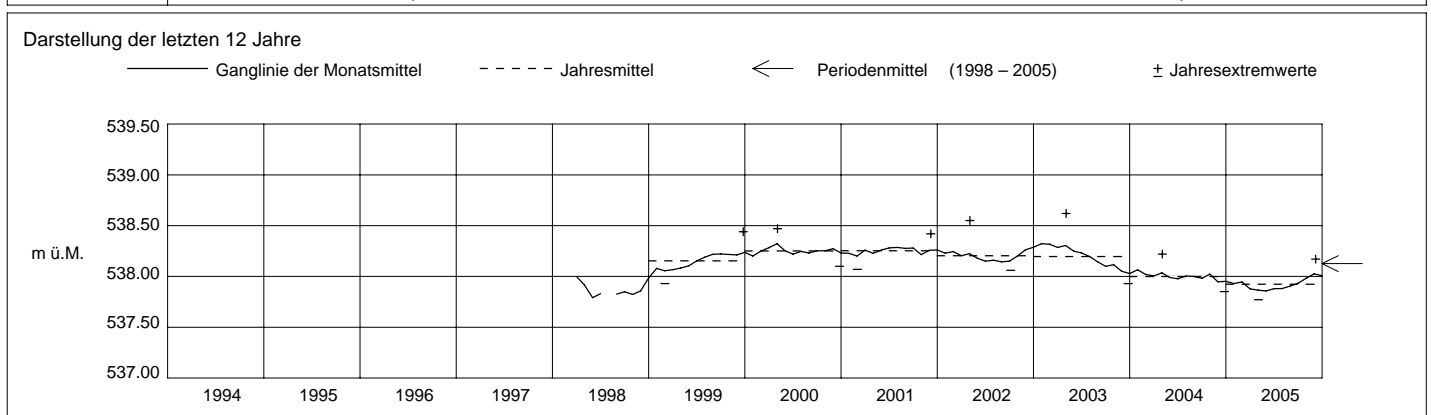


Grundwasserstände **Nr. 2205 Menzingen - Lorzentobel** **KANTON ZUG**
 Koordinaten: 685'028 / 225'263 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 581.91 m ü.M. OK Terrain: m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	537.91	537.91	537.95	537.81	537.85	537.85	537.88	537.87	537.90	537.96	538.00	538.07	1
		2	537.91	537.87	537.97+	537.82	537.84	537.87	537.85	537.88	537.89-	537.97	538.00	538.11+	2
		3	537.86-	537.87	537.97+	537.81	537.84	537.89	537.87	537.87	537.89-	537.96	538.00	538.09	3
		4	537.87	537.88	537.95	537.80	537.86	537.89	537.90	537.85-	537.89-	537.97	538.01	538.09	4
		5	537.88	537.90	537.97+	537.79-	537.86	537.87	537.90	537.87	537.92	537.96	537.97	538.09	5
		6	537.87	537.90	537.92	537.81	537.85	537.87	537.91	537.88	537.93	537.97	537.97	538.07	6
		7	537.87	537.89	537.87	537.87	537.88	537.84	537.91	537.91	537.93	537.98	537.97	538.01	7
		8	537.91	537.87	537.86	537.91	537.88	537.82-	537.92+	537.90	537.92	537.97	537.98	538.00	8
		9	537.90	537.86	537.84	537.89	537.88	537.85	537.91	537.91	537.94	537.95	537.99	537.94	9
		10	537.91	537.85-	537.84	537.84	537.87	537.88	537.88	537.91	537.97	537.96	537.96	537.94-	537.90-
	m ü.M.	11	537.90	537.89	537.89	537.84	537.85	537.91	537.86	537.91	537.99	537.98	537.96	537.91	11
		12	537.92	537.96	537.94	537.86	537.86	537.93	537.86	537.90	537.97	537.99	538.02	537.94	12
		13	537.91	538.03+	537.92	537.88	537.87	537.94+	537.86	537.88	537.92	537.99	538.02	537.93	13
		14	537.91	538.02	537.90	537.91	537.88	537.92	537.85	537.89	537.92	537.95	538.01	537.95	14
		15	537.92	538.02	537.85	537.92	537.87	537.89	537.87	537.88	537.93	537.94-	538.06	537.97	15
		16	537.91	537.98	537.81	537.96+	537.89+	537.86	537.87	537.89	538.00+	537.95	538.11	538.03	16
		17	537.93	537.95	537.79-	537.95	537.89+	537.84	537.88	537.90	537.98	537.97	538.06	538.04	17
		18	538.02+	537.95	537.79-	537.94	537.86	537.86	537.90	537.95	537.95	537.99	538.02	537.99	18
		19	537.98	537.99	537.82	537.93	537.84	537.89	537.86	537.90	537.94	537.99	537.98	537.97	19
		20	537.98	538.01	537.85	537.91	537.85	537.89	537.84-	537.91	537.92	538.01	537.97	537.95	20
	+ Maximum	21	538.00	538.02	537.87	537.88	537.86	537.89	537.87	537.92	537.94	538.03+	537.98	537.94	21
		22	537.97	538.03+	537.87	537.87	537.88	537.89	537.89	537.95	537.93	538.03+	537.97	537.94	22
		23	537.97	538.00	537.85	537.88	537.85	537.88	537.90	537.98	537.93	538.00	537.99	537.96	23
		24	537.98	537.98	537.85	537.89	537.82-	537.89	537.90	537.99+	537.93	537.98	538.04	537.98	24
		25	537.98	537.97	537.86	537.88	537.82-	537.87	537.90	537.96	537.94	537.99	538.15+	538.00	25
		26	537.98	537.97	537.90	537.84	537.83	537.85	537.90	537.92	537.92	537.99	538.15+	538.05	26
		27	537.97	537.97	537.90	537.82	537.85	537.86	537.90	537.92	537.92	538.00	538.14	538.09	27
		28	537.99	537.93	537.87	537.81	537.85	537.88	537.89	537.92	537.92	537.99	538.12	538.08	28
		29	537.95		537.86	537.82	537.86	537.90	537.88	537.88	537.93	538.00	538.10	538.03	29
		30	537.89		537.85	537.84	537.85	537.90	537.87	537.89	537.92	538.00	538.06	538.03	30
		31	537.89		537.83		537.83		537.86	537.91		538.02		538.08	31
Monatsmittel		537.93	537.95	537.88	537.87	537.86-	537.88	537.88	537.90	537.93	537.98	538.02+	538.01	m ü.M.	
Spitze Datum		538.07 18.	538.06 13.	537.99 3.	537.98 17.	537.91- 7.	537.95 12.	537.94 8.	538.01 18.	538.03 11.	538.05 21.	538.17+ 26.	538.14 2.	m ü.M.	
Amplitude		0.25	0.24	0.21	0.21	0.12-	0.15	0.13	0.18	0.18	0.14	0.24	0.26+	m	
Jahr		Mittel: 537.92			Spitze: 538.17 (26.11.2005)			Minimum: 537.77 (05.04.2005)			Amplitude: 0.40				



Periode 1998 - 2005 (8 Jahre)														
Monatsmittel	538.15+	538.15+	538.14	538.15+	538.13	538.13	538.14	538.12	538.10-	538.10-	538.11	538.12	m ü.M.	
Monats-Spitze Jahr	538.45 2003	538.52 2002	538.58 2003	538.62+ 2003	538.49 2002	538.35 2001	538.37 2001	538.33- 2001	538.36 2001	538.41 2000	538.43 2000	538.44 1999	m ü.M.	
Monats-Minimum Jahr	537.82+ 2005	537.82+ 2005	537.78 2005	537.77 2005	537.79 1998	537.80 2005	537.81 2005	537.80 1998	537.75 1998	537.73- 1998	537.74 1998	537.81 1998	m ü.M.	
Monats-Amplitude Jahr	0.26 1999	0.35 2002	0.44 2002	0.47+ 2002	0.41 2002	0.18- 2002	0.18- 2000	0.18- 2005	0.21 1998	0.26 2000	0.29 2001	0.35 1998	m	
Periode		Mittel: 538.13			Spitze: 538.62 (09.04.2003)			Minimum: 537.73 (22.10.1998)			Amplitude: 0.89			



Grundwasserstände

Nr. 2207 Menzingen - Winzwilen

KANTON ZUG

Koordinaten: 687'792 / 226'997

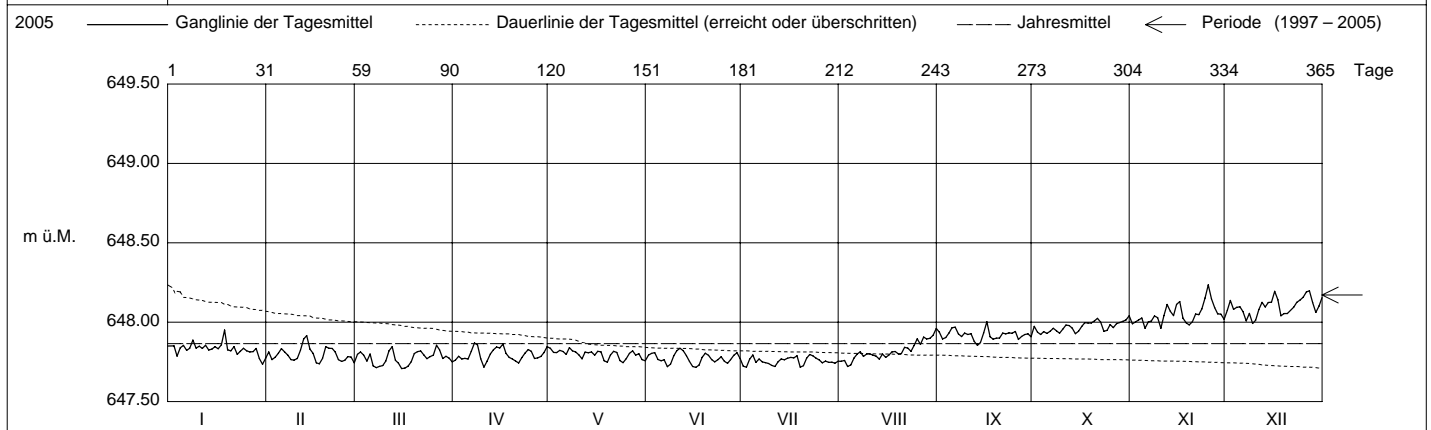
Amt für Umweltschutz

Orphimedes

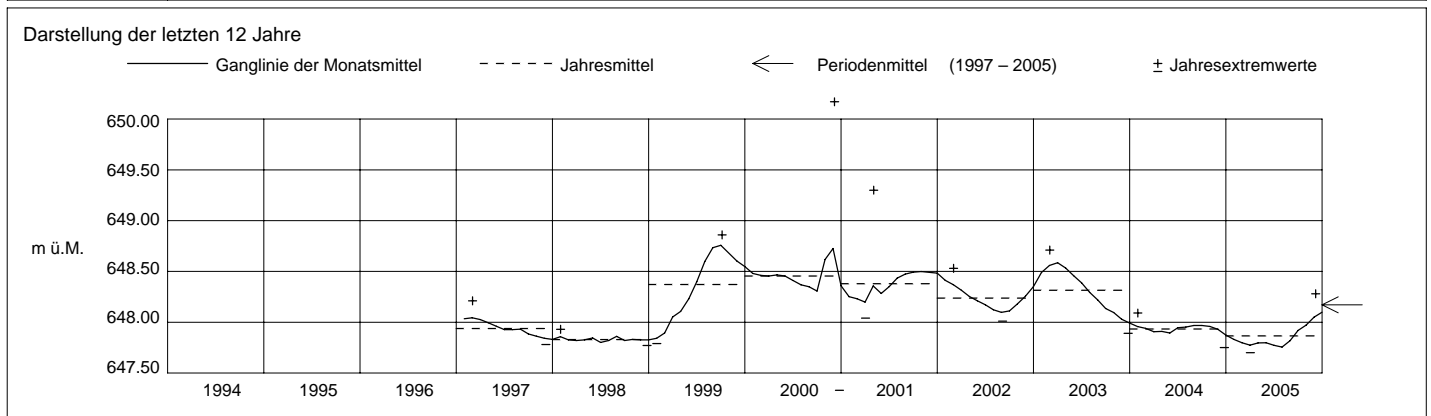
Abstichpunkt: 673.29 m ü.M. OK Terrain: 673.63 m ü.M.

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	647.85	647.81	647.80	647.76	647.84+	647.79	647.72-	647.75	647.94	647.97	647.99	648.07	1
	2	647.85	647.76	647.81	647.79	647.81	647.80	647.72-	647.76	647.89	647.94	648.00	648.14	2
	3	647.79	647.78	647.79	647.77	647.81	647.81	647.77	647.72-	647.90	647.92-	648.01	648.08	3
	4	647.84	647.80	647.76	647.77	647.82	647.77	647.79	647.73	647.93	647.94	648.03	648.09	4
	5	647.85	647.83	647.80	647.77	647.82	647.76	647.75	647.77	647.96	647.93	647.96-	648.10	5
	6	647.82	647.81	647.72	647.82	647.80	647.76	647.77	647.80	647.97	647.94	648.00	648.07	6
	7	647.84	647.79	647.71-	647.87+	647.84+	647.72-	647.75	647.81	647.93	647.96	648.01	648.01	7
	8	647.89	647.76	647.72	647.86	647.82	647.74	647.78	647.78	647.91	647.95	648.04	648.06	8
	9	647.84	647.76	647.73	647.77	647.81	647.79	647.74	647.80	647.93	647.93	648.03	647.99-	9
	10	647.85	647.77	647.76	647.72-	647.79	647.79	647.82	647.73	647.80	647.92	647.96	647.96-	10
m ü.M.	11	647.83	647.82	647.82	647.76	647.77	647.84+	647.72-	647.79	647.93	647.98	648.04	648.08	11
	12	647.85	647.89	647.85	647.80	647.81	647.82	647.75	647.79	647.88	647.98	648.11	648.13	12
	13	647.82	647.92+	647.76	647.83	647.81	647.79	647.77	647.77	647.85-	647.96	648.07	648.10	13
	14	647.83	647.83	647.74	647.84	647.81	647.75	647.76	647.80	647.87	647.93	648.04	648.12	14
	15	647.85	647.80	647.71-	647.84	647.79	647.72-	647.77	647.78	647.93	647.94	648.11	648.13	15
	16	647.83	647.74-	647.71-	647.86	647.82	647.72-	647.78	647.79	648.00+	647.97	648.13	648.19	16
	17	647.86	647.74-	647.80	647.80	647.81	647.73	647.78	647.81	647.91	648.00	648.03	648.14	17
	18	647.95+	647.77	647.75	647.78	647.76	647.78	647.79	647.82	647.89	648.00	648.00	648.04	18
	19	647.83	647.85	647.80	647.77	647.75	647.80	647.72-	647.80	647.90	648.00	647.98	648.05	19
	20	647.82	647.84	647.81	647.76	647.79	647.79	647.73	647.80	647.90	648.01	648.00	648.05	20
	+ Maximum	21	647.85	647.83	647.82	647.74	647.82	647.76	647.77	647.84	647.93	648.02	648.05	648.07
22		647.80	647.81	647.79	647.78	647.81	647.75	647.80+	647.84	647.93	648.00	648.05	648.10	22
23		647.82	647.76	647.77	647.81	647.76	647.79	647.79	647.82	647.93	647.94	648.08	648.13	23
24		647.84	647.75	647.78	647.83	647.74-	647.78	647.77	647.85	647.93	647.95	648.15	648.14	24
25		647.82	647.76	647.79	647.82	647.77	647.75	647.76	647.90	647.94	647.99	648.24+	648.16	25
26		647.81	647.78	647.86+	647.77	647.80	647.74	647.74	647.86	647.89	647.97	648.15	648.19	26
27		647.81	647.78	647.83	647.78	647.82	647.76	647.76	647.91	647.91	647.99	648.09	648.20+	27
28		647.83	647.74-	647.77	647.78	647.79	647.79	647.75	647.89	647.92	648.00	648.05	648.12	28
29		647.77	647.79	647.79	647.81	647.80	647.81	647.75	647.90	647.93	648.01	648.05	648.06	29
30		647.73-	647.77	647.79	647.85	647.76	647.77	647.74	647.92	647.91	648.01	648.02	648.10	30
31		647.77	647.75	647.75	647.76	647.76	647.76	647.75	647.96+	647.96	648.04+	648.16	648.16	31
Monatsmittel	647.83	647.80	647.77	647.80	647.80	647.77	647.76-	647.82	647.92	647.97	648.05	648.10+	m ü.M.	
Spitze Datum	648.03 18.	647.95 13.	647.87 12.	647.89 7.	647.87 7.	647.85 11.	647.82- 4.	647.98 31.	648.02 16.	648.06 31.	648.28+ 25.	648.22 16.	m ü.M.	
Amplitude	0.30	0.22	0.17	0.18	0.15	0.15	0.12-	0.27	0.18	0.15	0.33+	0.25	m	

Jahr Mittel: 647.87 Spitze: 648.28 (25.11.2005) Minimum: 647.70 (06.03.2005) Amplitude: 0.58



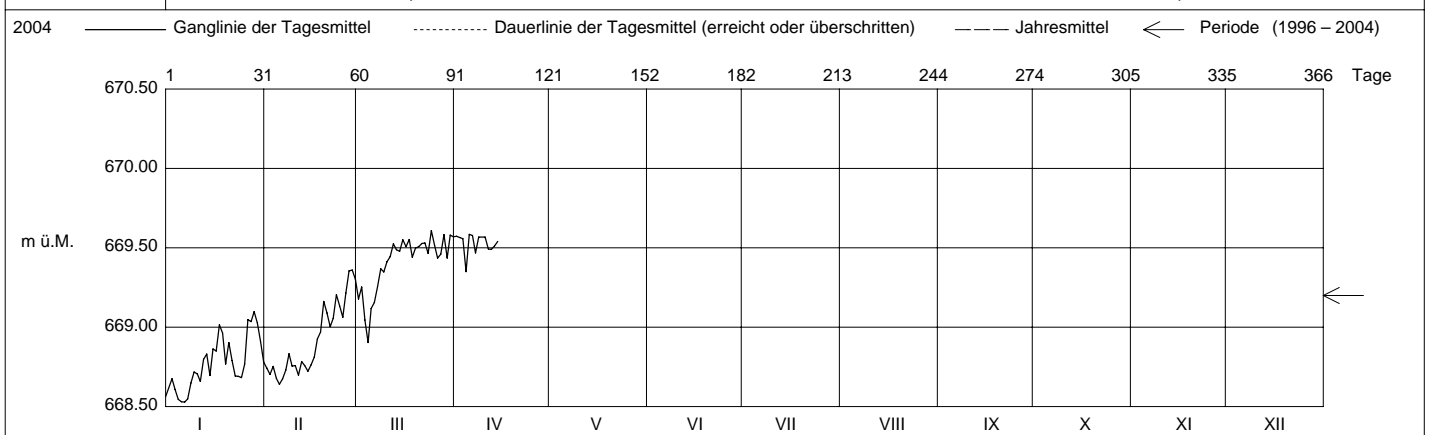
Periode 1997 - 2005 (9 Jahre)													
Monatsmittel	648.13-	648.13-	648.13-	648.17	648.16	648.17	648.18	648.20	648.19	648.23+	648.22	648.15	m ü.M.
Monats-Spitze Jahr	648.70 2003	648.71 2003	648.64 2003	649.30 2001	648.55 2003	648.53- 1999	648.70 1999	648.81 1999	648.86 1999	649.49 2000	650.17+ 2000	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	0.33 2003	0.29 1997	0.27 2001	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: 648.17			Spitze: 650.17 (12.11.2000)			Minimum: 647.33 (31.12.2000)			Amplitude: 2.84			



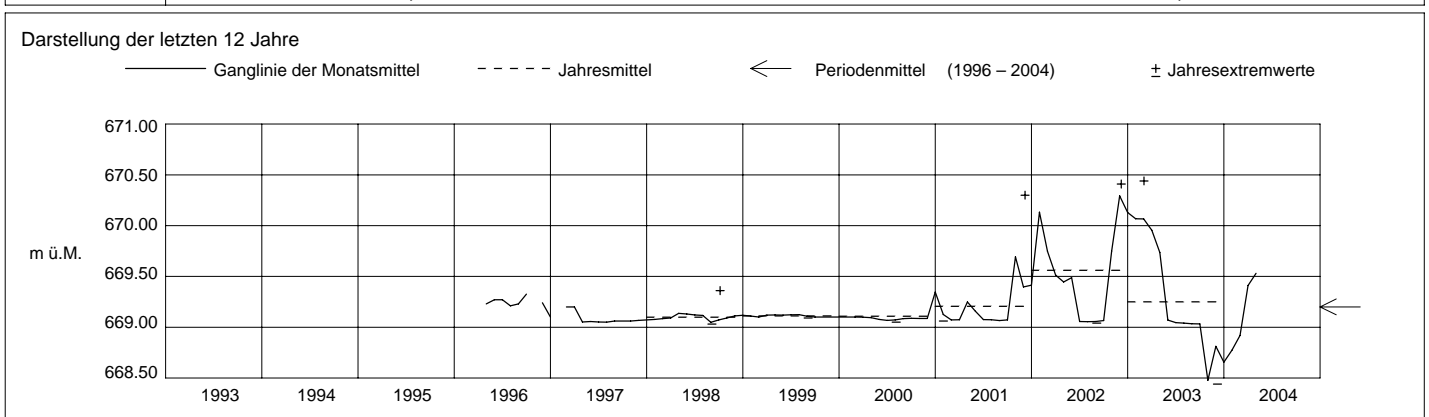
Grundwasserstände	Nr. 2213 Neuheim - Kieswerk Senn	KANTON ZUG
Orphimedes	Koordinaten: 685'696 / 227'032	Amt für Umweltschutz
	Abstichpunkt: 709.96 m ü.M. OK Terrain: 710.13 m ü.M.	

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2004	Tagesmittel	1	668.56	668.74	669.18	669.57									1
		2	668.68	668.70	669.25	669.57									2
		3	668.61	668.75	669.05	669.56									3
		4	668.55	668.68	668.90-	669.35									4
		5	668.53-	668.64-	669.12	669.59									5
		6	668.53-	668.68	669.16	669.58									6
		7	668.55	668.73	669.26	669.47									7
		8	668.65	668.83	669.37	669.57									8
		9	668.72	668.76	669.35	669.57									9
		10	668.71	668.76	669.41	669.57									10
	11	668.66	668.70	669.45	669.49									11	
	12	668.80	668.78	669.53	669.49									12	
	13	668.83	668.76	669.49	669.51									13	
	14	668.70	668.72	669.48	669.54									14	
	m ü.M.	15	668.86	668.76	669.55									15	
		16	668.85	668.81	669.51									16	
		17	669.02	668.93	669.55									17	
		18	668.96	668.97	669.44									18	
		19	668.77	669.16	669.50									19	
		20	668.90	669.09	669.51									20	
		21	668.79	669.00	669.53									21	
		22	668.69	669.06	669.53									22	
		23	668.69	669.21	669.47									23	
		24	668.68	669.14	669.61+									24	
	+ Maximum	25	668.77	669.06	669.52									25	
		26	669.05	669.22	669.44									26	
		27	669.04	669.36+	669.46									27	
	- Minimum	28	669.10+	669.36+	669.58									28	
		29	669.03	669.30	669.44									29	
		30	668.91		669.58									30	
		31	668.78		669.57									31	
Monatsmittel		668.77-	668.92	669.41										m ü.M.	
Spitze Datum		669.26- 30.	669.52 28.	669.66 20.										m ü.M.	
Amplitude		0.75	0.98+	0.92										m	

Jahr Mittel: 669.10 Spitze: 669.66 (20.03.2004) Minimum: 668.51 (01.01.2004) Amplitude: 1.15



		1996 - 2004 (9 Jahre)												
Monatsmittel		669.34+	669.30	669.32	669.29	669.16	669.08	669.08	669.07-	669.07-	669.18	669.27	669.26	m ü.M.
Monats-Spitze Jahr		670.43 2003	670.44+ 2003	670.44+ 2003	670.42 2003	670.18 2002	669.15- 2001	669.18 1997	669.41 2002	669.53 2000	670.36 2002	670.41 2002	670.33 2002	m ü.M.
Monats-Minimum Jahr		668.51 2004	668.54 2004	668.74 2004	668.92 2003	668.90 2003	669.03 2003	669.03 2003	669.02 2003	669.03 1998	668.45 2003	668.44- 2003		m ü.M.
Monats-Amplitude Jahr		1.02 2003	1.14 2002	1.20 2003	1.50+ 2003	1.13 2002	0.09- 2001	0.14 1997	0.37 2002	0.45 2000	1.30 2002	1.23 2001	1.14 2003	m
Periode		Mittel: 669.20			Spitze: 670.44 (18.02.2003)			Minimum: 0.00 (00.12.1996)			Amplitude: 670.44			

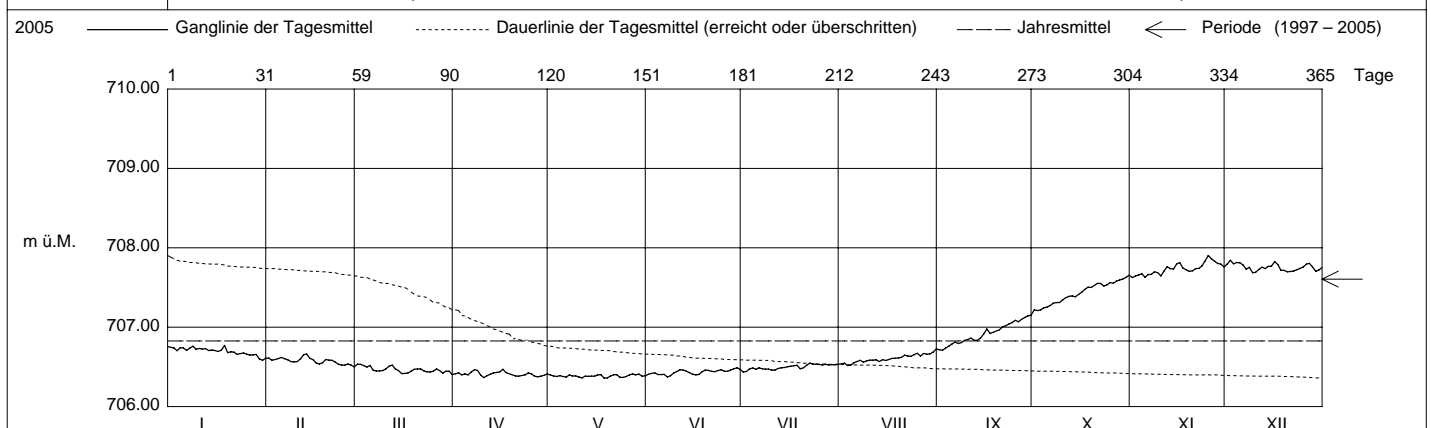


Kiesabbaugebiet: Ab April 2004 Messstelle aufgehoben.

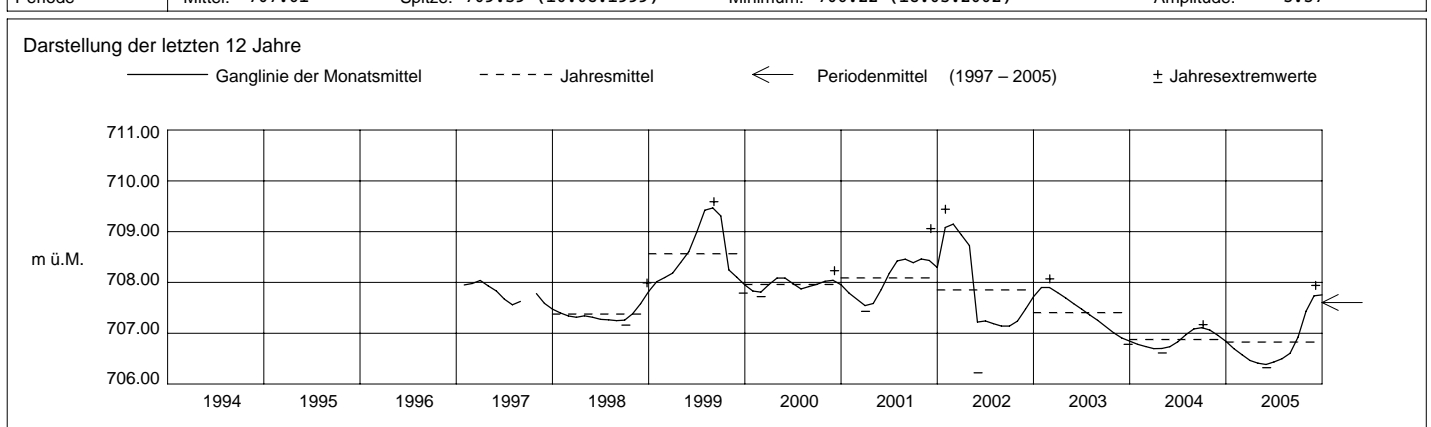
Grundwasserstände **Nr. 2338 Menzingen - KIBAG 6 / Wösch** **KANTON ZUG**
 Koordinaten: 686'057 / 225'657 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 768.84 m ü.M. OK Terrain: 768.84 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	706.76	706.61	706.53+	706.41	706.40	706.41	706.44-	706.54	706.72	707.22	707.62-	707.80	1	
		2	706.74	706.59	706.53+	706.42	706.38	706.42	706.44-	706.55	706.71-	707.21-	707.65	707.84+	2	
		3	706.70	706.59	706.52	706.40	706.38	706.42	706.48	706.52-	706.74	707.22	707.66	707.80	3	
		4	706.74	706.60	706.50	706.41	706.39	706.40	706.49	706.52-	706.76	707.24	707.67	707.81	4	
		5	706.74	706.62	706.52	706.40	706.38	706.40	706.47	706.55	706.79	707.25	707.63	707.81	5	
		6	706.71	706.60	706.46	706.43	706.37	706.41	706.49	706.57	706.81	707.27	707.66	707.78	6	
		7	706.74	706.59	706.45	706.47+	706.40	706.37-	706.48	706.58	706.79	707.30	707.67	707.73	7	
		8	706.76	706.57	706.45	706.46	706.39	706.39	706.47	706.56	706.81	707.31	707.70	707.75	8	
		9	706.72	706.56	706.45	706.40	706.39	706.42	706.47	706.58	706.83	707.31	707.69	707.69-	9	
		10	706.73	706.57	706.47	706.37-	706.37	706.44	706.46	706.59	706.85	707.34	707.64	707.69-	10	
	m ü.M.	11	706.72	706.60	706.51	706.39	706.36-	706.46	706.46	706.58	706.86	707.37	707.71	707.73	11	
		12	706.73	706.65	706.52	706.41	706.38	706.46	706.48	706.84	707.39	707.76	707.76	707.76	12	
		13	706.70	706.66+	706.47	706.42	706.38	706.45	706.49	706.57	706.83	707.39	707.74	707.74	13	
		14	706.71	706.61	706.45	706.43	706.38	706.43	706.49	706.59	706.86	707.38	707.73	707.77	14	
		15	706.71	706.59	706.42	706.44	706.38	706.41	706.50	706.58	706.91	707.41	707.79	707.77	15	
		16	706.69	706.55	706.42	706.47+	706.40	706.40	706.51	706.59	706.98	707.44	707.81	707.83	16	
		17	706.71	706.54	706.42	706.43	706.40	706.40	706.51	706.61	706.92	707.48	707.74	707.79	17	
		18	706.77+	706.55	706.44	706.41	706.36-	706.44	706.52	706.61	706.94	707.50	707.72	707.72	18	
		19	706.68	706.59	706.47	706.40	706.36-	706.46	706.47	706.61	706.95	707.50	707.70	707.72	19	
		20	706.69	706.58	706.47	706.39	706.38	706.46	706.49	706.62	706.97	707.53	707.71	707.70	20	
	+ Maximum	21	706.69	706.58	706.47	706.38	706.40	706.44	706.52	706.65	707.01	707.55	707.74	707.70	21	
		22	706.66	706.56	706.45	706.39	706.40	706.44	706.55+	706.64	707.02	707.55	707.74	707.71	22	
		23	706.67	706.53	706.44	706.40	706.37	706.45	706.54	706.63	707.04	707.52	707.77	707.72	23	
		24	706.67	706.52	706.43	706.42	706.37	706.46	706.53	706.65	707.06	707.53	707.83	707.74	24	
		25	706.66	706.52	706.45	706.41	706.38	706.45	706.53	706.67	707.09	707.56	707.90+	707.76	25	
		- Minimum	26	706.65	706.54	706.47	706.38	706.40	706.44	706.52	706.64	707.07	707.55	707.86	707.79	26
			27	706.65	706.52	706.45	706.37-	706.41+	706.46	706.53	706.67	707.10	707.58	707.83	707.80	27
			28	706.66	706.50-	706.42	706.38	706.40	706.48	706.52	706.66	707.12	707.60	707.80	707.76	28
			29	706.60		706.44	706.39	706.41+	706.49+	706.53	706.66	707.14	707.61	707.80	707.70	29
			30	706.58-		706.45	706.41	706.38	706.47	706.53	706.69	707.15+	707.63	707.76	707.72	30
			31	706.61		706.40-		706.39		706.53	706.73+		707.65+		707.75	31
Monatsmittel	706.69	706.57	706.46	706.41	706.38-	706.43	706.50	706.61	706.92	707.43	707.73	707.75+	m ü.M.			
Spitze Datum	706.84 18.	706.70 13.	706.54 1.	706.50 16.	706.43- 1.	706.50 29.	706.64 22.	706.74 31.	707.18 30.	707.67 31.	707.94+ 25.	707.86 2.	m ü.M.			
Amplitude	0.27	0.22	0.15	0.16	0.11-	0.14	0.23	0.23	0.49+	0.48	0.33	0.19	m			

Jahr Mittel: 706.83 Spitze: 707.94 (25.11.2005) Minimum: 706.32 (18.05.2005) Amplitude: 1.62



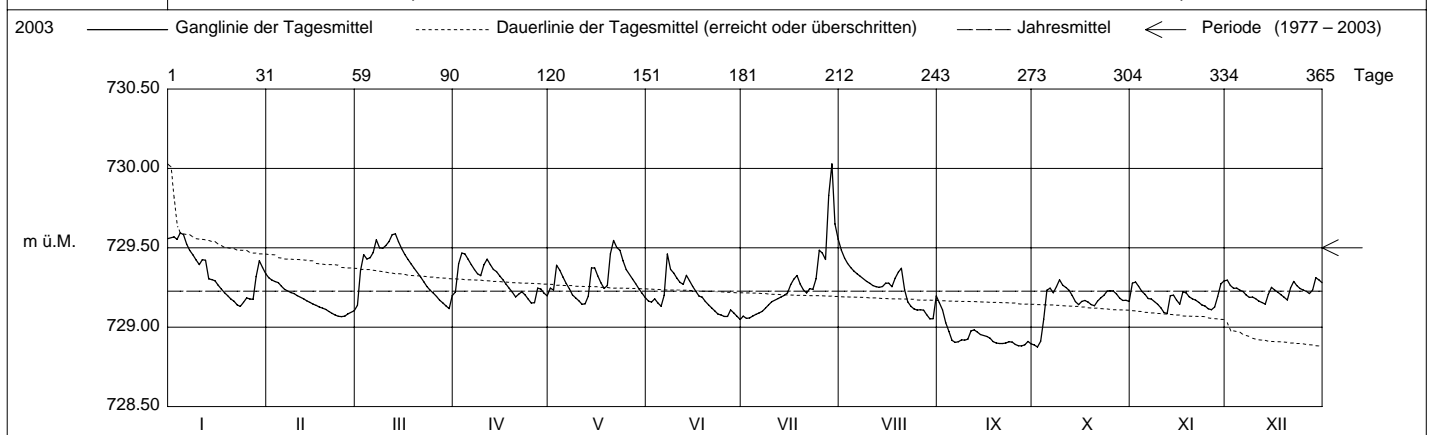
Periode		1997 - 2005 (9 Jahre)											
Monatsmittel	707.69+	707.66	707.61	707.62	707.48-	707.55	707.62	707.65	707.56	707.55	707.65	707.63	m ü.M.
Monats-Spitze Jahr	709.44 2002	709.33 2002	709.10 2002	709.02 2002	708.75 1999	709.28 1999	709.53 1999	709.59+ 1999	709.38 1999	708.57- 2001	709.06 2001	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	0.24- 1999	0.49 2005	0.48 2005	0.78 2001	0.70 2001	m
Periode	Mittel: 707.61	Spitze: 709.59 (10.08.1999)					Minimum: 706.22 (18.05.2002)			Amplitude: 3.37			



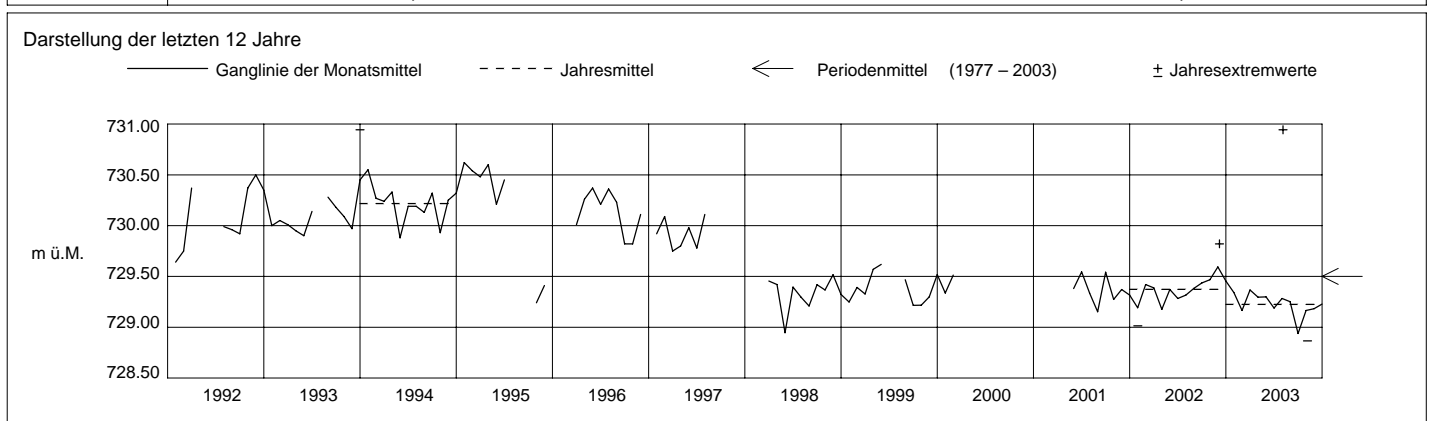
Grundwasserstände **Nr. 4114 Oberägeri - Morgarten / Balmi** **KANTON ZUG**
 Koordinaten: 691'159 / 217'414 **Amt für Umweltschutz**
 Orpheus **Abstichpunkt: 731.28 m ü.M. OK Terrain: 730.49 m ü.M.**

2003		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	729.56	729.31+	729.14	729.22	729.25	729.16	729.07	729.49+	729.15+	728.89	729.28	729.30	1	
	2	729.57	729.30	729.36	729.40	729.23	729.16	729.06-	729.44	729.11	728.87-	729.28	729.26	2	
	3	729.55	729.29	729.46	729.47+	729.39	729.18	729.06-	729.40	729.03	728.91	729.26	729.24	3	
	4	729.59+	729.28	729.43	729.46	729.36	729.15	729.07	729.37	729.37	728.97	729.23	729.25	4	
	5	729.58	729.26	729.44	729.43	729.32	729.13	729.08	729.35	729.35	728.92	729.21	729.23	5	
	6	729.52	729.24	729.47	729.39	729.28	729.20	729.09	729.34	729.34	728.90	729.25	729.18	729.22	6
	7	729.48	729.23	729.55	729.36	729.24	729.46+	729.10	729.32	729.32	728.91	729.22	729.18	729.20	7
	8	729.46	729.22	729.50	729.34	729.20	729.36	729.12	729.30	729.30	728.92	729.26	729.16	729.19	8
	9	729.42	729.21	729.50	729.33	729.18	729.34	729.14	729.29	729.29	728.92	729.30+	729.14	729.19	9
	10	729.39	729.20	729.51	729.39	729.17	729.31	729.16	729.28	729.28	728.92	729.26	729.12	729.18	10
m ü.M.	11	729.43	729.19	729.54	729.43	729.14-	729.28	729.17	729.26	728.98	729.25	729.09-	729.16	11	
	12	729.42	729.18	729.58	729.39	729.15	729.27	729.18	729.26	728.98	729.23	729.09-	729.15	12	
	13	729.30	729.17	729.59+	729.36	729.20	729.33	729.19	729.25	728.97	729.20	729.20	729.14-	13	
	14	729.30	729.16	729.54	729.35	729.37	729.29	729.20	729.26	728.95	729.16	729.20	729.21	14	
	15	729.29	729.14	729.49	729.32	729.37	729.26	729.22	729.28	728.95	729.14	729.17	729.25	15	
	16	729.26	729.14	729.46	729.30	729.32	729.23	729.27	729.28	728.94	729.16	729.15	729.23	16	
	17	729.24	729.13	729.43	729.27	729.28	729.20	729.30	729.26	728.93	729.17	729.22	729.22	17	
	18	729.22	729.12	729.40	729.25	729.24	729.19	729.33	729.31	728.91	729.16	729.22	729.20	18	
	19	729.20	729.11	729.37	729.22	729.26	729.16	729.27	729.35	728.90	729.14	729.19	729.19	19	
	20	729.18	729.10	729.34	729.19	729.46	729.14	729.24	729.37	728.90	729.14	729.18	729.17	20	
+ Maximum	21	729.16	729.09	729.32	729.21	729.55+	729.12	729.22	729.24	728.90	729.16	729.17	729.25	21	
	22	729.14	729.08	729.29	729.22	729.50	729.10	729.24	729.16	728.90	729.18	729.16	729.29	22	
	23	729.13-	729.07-	729.26	729.20	729.48	729.08	729.24	729.13	728.91	729.20	729.14	729.26	23	
	24	729.16	729.07-	729.23	729.18	729.42	729.08	729.31	729.12	728.91	729.23	729.13	729.24	24	
	25	729.18	729.07-	729.21	729.15-	729.36	729.07	729.48	729.11	728.89	729.23	729.12	729.23	25	
	26	729.18	729.08	729.19	729.15-	729.33	729.07	729.47	729.11	728.88-	729.23	729.11	729.23	26	
	27	729.18	729.09	729.17	729.25	729.30	729.11	729.43	729.11	728.88-	729.21	729.13	729.21	27	
	28	729.32	729.10	729.15	729.24	729.27	729.09	729.83	729.08	728.89	729.18	729.19	729.23	28	
	29	729.42		729.13	729.21	729.24	729.07	730.03+	729.05-	728.91	729.17	729.27	729.31+	29	
	30	729.38		729.12-	729.20	729.21	729.05-	729.65	729.05-	728.90	729.17	729.29+	729.30	30	
31	729.34		729.20		729.19		729.55	729.20		729.16		729.28	31		
Monatsmittel		729.34	729.16	729.37+	729.30	729.30	729.19	729.28	729.25	728.94-	729.16	729.18	729.23	m ü.M.	
Spitze Datum		729.62 4.	729.32 1.	729.65 12.	729.49 2.	729.57 21.	729.61 6.	730.94+ 29.	729.52 20.	729.18- 1.	729.34 9.	729.31 30.	729.32 29.	m ü.M.	
Amplitude		0.50	0.26	0.54	0.36	0.44	0.58	1.91+	0.50	0.30	0.48	0.25	0.20-	m	

Jahr Mittel: 729.23 Spitze: 730.94 (29.07.2003) Minimum: 728.87 (03.10.2003) Amplitude: 2.07



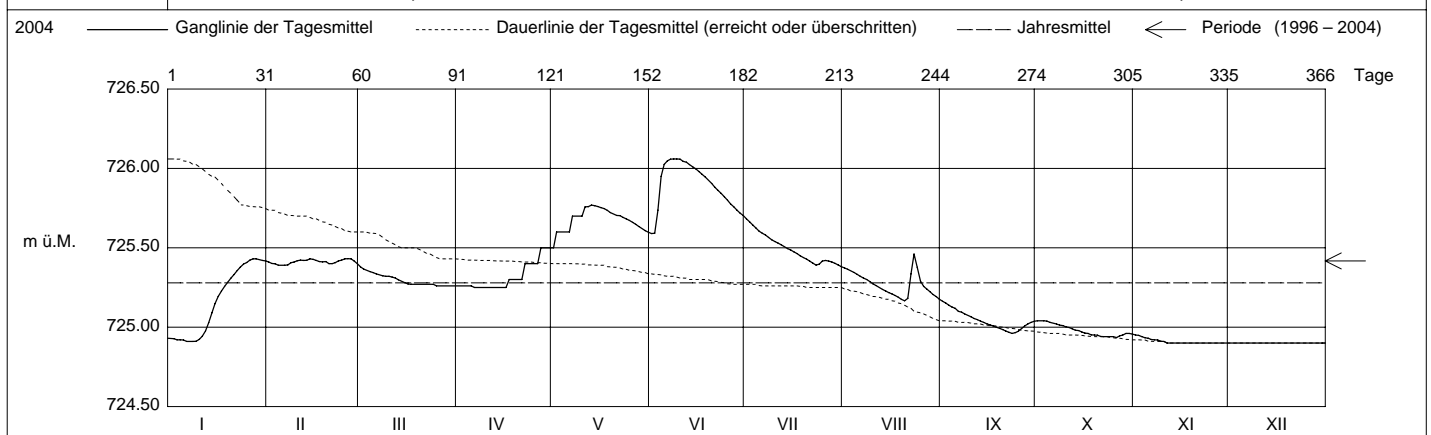
Periode 1977 - 2003 (27 Jahre)													
Monatsmittel	729.42-	729.51	729.55	729.53	729.60+	729.56	729.54	729.47	729.45	729.44	729.51	729.50	m ü.M.
Monats-Spitze Jahr	729.71 2000	729.82 1999	729.81 1999	729.87 1999	729.93 1999	729.77 2001	730.94+ 2003	729.76 2002	729.79 2001	729.66- 2002	729.82 2002	729.79 1999	m ü.M.
Monats-Minimum Jahr	729.01 2002	729.06 2003	728.45- 1999	728.54 1999	728.95 1998	729.03 2003	729.03 2003	729.00 2001	728.88 2003	728.87 2003	728.98 1999		m ü.M.
Monats-Amplitude Jahr	0.61 2000	0.65 2002	1.36 1999	1.33 1999	0.85 1999	0.58- 2003	1.91+ 2003	0.70 1998	0.59 2002	0.64 1999	0.58- 2002	0.61 2001	m
Periode	Mittel: 729.50		Spitze: 730.94 (29.07.2003)				Minimum: 0.00 (00.12.1980)				Amplitude: 730.94		



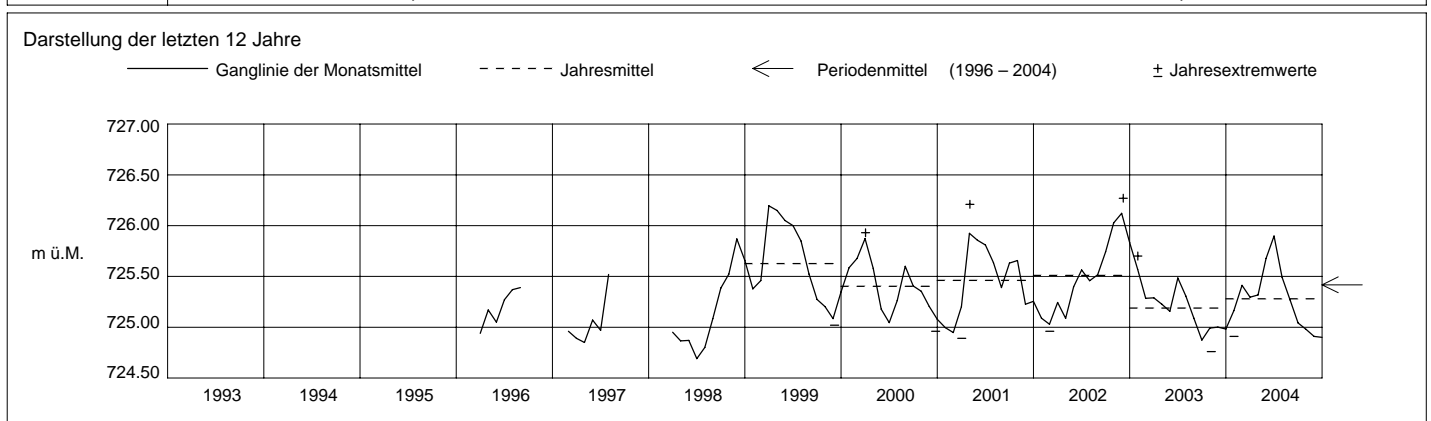
Grundwasserstände **Nr. 4119 Oberägeri - Kirchmatt (O 19)** **KANTON ZUG**
 Koordinaten: 689'194 / 221'002 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 733.17 m ü.M. OK Terrain: 733.28 m ü.M.**

2004		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
Tagesmittel	1	724.93	725.41	725.38+	725.26	725.50-	725.59-	725.68+	725.37	725.16+	725.04+	724.95+	724.90-	1		
	2	724.93	725.40	725.37	725.26	725.60	725.59-	725.66	725.37	725.15	725.04+	724.95+	724.90-	2		
	3	724.92	725.40	725.36	725.26	725.60	725.74	725.64	725.36	725.14	725.04+	724.94	724.90-	3		
	4	724.92	725.39-	725.35	725.26	725.60	725.95	725.63	725.34	725.13	725.04+	724.93	724.90-	4		
	5	724.92	725.39-	725.34	725.26	725.60	726.03	725.61	725.33	725.12	725.03	724.93	724.90-	5		
	6	724.91-	725.39-	725.34	725.25-	725.60	726.05	725.59	725.32	725.10	725.03	724.92	724.90-	6		
	7	724.91-	725.39-	725.33	725.25-	725.70	726.06+	725.58	725.31	725.10	725.02	724.92	724.90-	7		
	8	724.91-	725.41	725.32	725.25-	725.70	726.06+	725.57	725.30	725.08	725.01	724.92	724.90-	8		
	9	724.91-	725.41	725.32	725.25-	725.70	726.06+	725.55	725.29	725.07	725.01	724.91	724.90-	9		
	10	724.92	725.42	725.32	725.25-	725.70	726.06+	725.54	725.27	725.07	725.00	724.91	724.90-	10		
	11	724.94	725.42	725.32	725.25-	725.76	726.05	725.53	725.26	725.05	725.00	724.90-	724.90-	11		
	12	724.98	725.42	725.31	725.25-	725.76	726.04	725.52	725.25	725.05	724.99	724.90-	724.90-	12		
	13	725.03	725.42	725.30	725.25-	725.77+	726.02	725.51	725.24	725.04	724.98	724.90-	724.90-	13		
	m ü.M.	14	725.09	725.43+	725.29	725.25-	725.77+	726.01	725.50	725.23	725.03	724.98	724.90-	724.90-	14	
		15	725.15	725.43+	725.28	725.25-	725.76	726.00	725.49	725.22	725.02	724.97	724.90-	724.90-	15	
		16	725.19	725.42	725.27	725.25-	725.75	725.98	725.48	725.21	725.01	724.96	724.90-	724.90-	16	
		17	725.23	725.41	725.27	725.30	725.75	725.96	725.46	725.20	725.01	724.96	724.90-	724.90-	17	
		18	725.26	725.41	725.27	725.30	725.74	725.95	725.45	725.19	725.00	724.95	724.90-	724.90-	18	
		19	725.28	725.41	725.27	725.30	725.72	725.93	725.44	725.18	724.99	724.95	724.90-	724.90-	19	
		20	725.31	725.40	725.27	725.30	725.71	725.91	725.43	725.17-	724.98	724.95	724.90-	724.90-	20	
		21	725.33	725.40	725.27	725.30	725.70	725.88	725.42	725.18	724.98	724.94	724.90-	724.90-	21	
		22	725.36	725.41	725.27	725.40	725.70	725.86	725.40	725.34	724.97	724.94	724.90-	724.90-	22	
		23	725.38	725.42	725.27	725.40	725.69	725.84	725.39	725.46+	724.96-	724.94	724.90-	724.90-	23	
	24	725.40	725.42	725.27	725.40	725.68	725.82	725.40	725.38	724.97	724.94	724.90-	724.90-	24		
	25	725.41	725.43+	725.26-	725.40	725.67	725.80	725.42	725.29	724.98	724.94	724.90-	724.90-	25		
	+ Maximum	26	725.42	725.43+	725.26-	725.40	725.66	725.78	725.42	725.26	724.99	724.93-	724.90-	724.90-	26	
		27	725.43+	725.43+	725.26-	725.50+	725.65	725.76	725.42	725.24	725.01	724.95	724.90-	724.90-	27	
		- Minimum	28	725.43+	725.42	725.26-	725.50+	725.63	725.74	725.41	725.22	725.02	724.95	724.90-	724.90-	28
			29	725.43+	725.40	725.26-	725.50+	725.62	725.72	725.40	725.21	725.03	724.96	724.90-	724.90-	29
			30	725.42		725.26-	725.50+	725.61	725.70	725.39	725.19	725.04	724.96	724.90-	724.90-	30
			31	725.42		725.26-		725.60		725.38-	725.18		724.96		724.90-	31
Monatsmittel	725.16	725.41	725.30	725.32	725.68	725.90+	725.49	725.27	725.04	724.98	724.91	724.90-	m ü.M.			
Spitze Datum	725.44 29.	725.44 26.	725.39 1.	100000.+ 1.	725.77 1.	726.06 7.	725.69 1.	725.49 23.	725.17 1.	725.04 1.	724.95- 1.	100000.+ 1.	m ü.M.			
Amplitude	0.53+	0.05	0.12	0.00-	0.18	0.47	0.31	0.33	0.22	0.11	0.04	0.00-	m			

Jahr Mittel: 725.28 Spitze: 726.06 (07.06.2004) Minimum: 724.91 (05.01.2004) Amplitude: 1.15



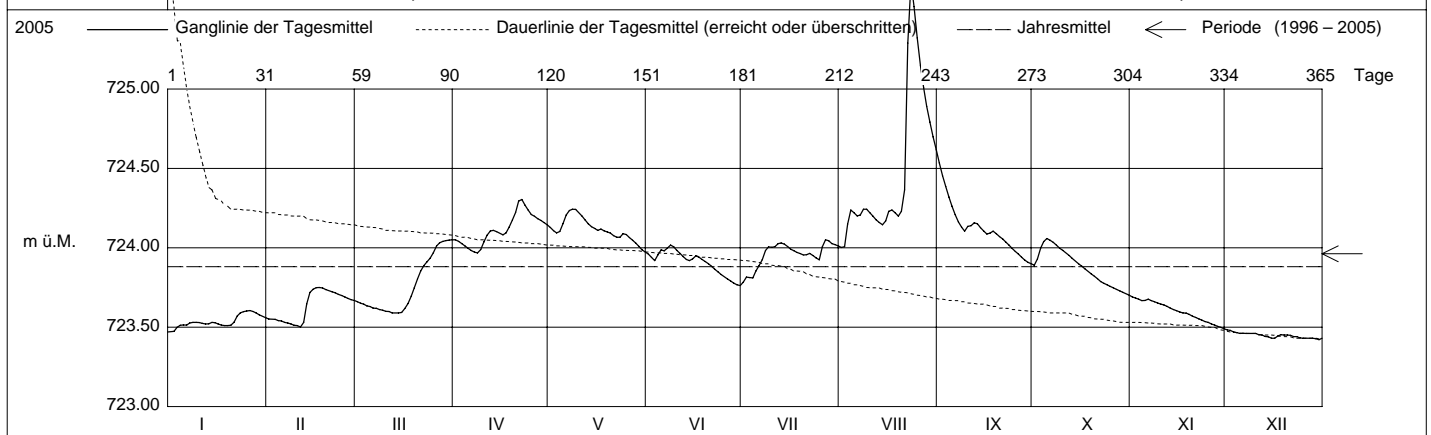
Periode 1996 - 2004 (9 Jahre)													
Monatsmittel	725.30	725.30	725.51	725.53	725.54	725.62+	725.50	725.39	725.34	725.39	725.34	725.29-	m ü.M.
Monats-Spitze Jahr	725.72 2000	725.96 1999	726.31+ 1999	726.21 2001	726.18 2001	726.06 2004	725.85 2001	725.71- 2000	726.18 2002	726.17 2002	726.27 2002	726.06 2002	m ü.M.
Monats-Minimum Jahr	724.91 2004	724.90 2001	724.89 2001	724.83 1998	724.87 1998	724.69- 1998	724.80 1998	724.96 2003	724.78 2003	724.76 2003	724.91 2004		m ü.M.
Monats-Amplitude Jahr	0.53 2004	0.67 1999	0.71 2001	0.61 2001	0.61 2001	0.47 2004	0.57 2000	0.33- 2004	0.75+ 2001	0.56 2001	0.46 2002	0.63 1999	m
Periode	Mittel: 725.42		Spitze: 726.31 (16.03.1999)			Minimum: 0.00 (00.12.1996)			Amplitude: 726.31				



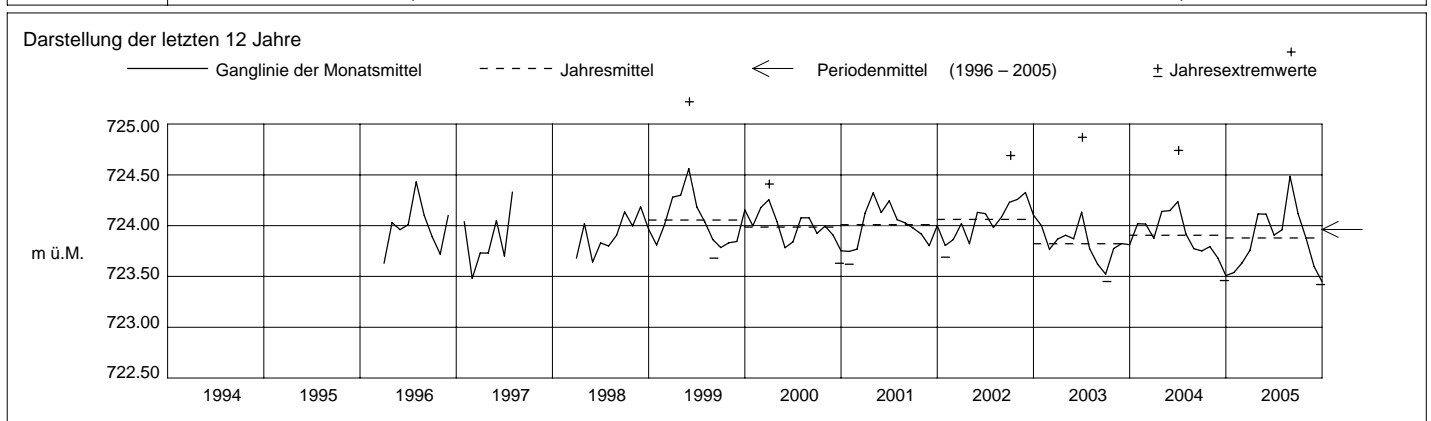
Grundwasserstände **Nr. 4123 Oberägeri - Sulzmatt (O 23)** **KANTON ZUG**
 Koordinaten: 690'525 / 220'304 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 730.43 m ü.M. OK Terrain: 730.53 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	723.47-	723.55	723.66	724.05	724.13	723.96	723.78-	724.00-	724.53+	723.89	723.69+	723.48+	1
		2	723.47-	723.55	723.65	724.04	724.11	723.94	723.82	724.01	724.46	723.93	723.68	723.48+	2
		3	723.50	723.55	723.65	724.03	724.09	723.92	723.81	724.15	724.39	724.00	723.68	723.47	3
		4	723.51	723.54	723.63	724.01	724.10	723.96	723.81	724.24	724.32	724.04	723.67	723.47	4
		5	723.51	723.54	723.63	724.00	724.15	723.99	723.85	724.22	724.26	724.06+	723.67	723.46	5
		6	723.51	723.53	723.62	723.98	724.21	723.98	723.89	724.20	724.21	724.05	723.68	723.46	6
		7	723.53	723.53	723.62	723.97-	724.24+	724.00	723.93	724.21	724.16	724.03	723.67	723.46	7
		8	723.53	723.52	723.61	723.97-	724.24+	724.02+	723.98	724.24	724.13	724.02	723.66	723.46	8
		9	723.53	723.51	723.61	723.99	724.24+	724.01	724.01	724.24	724.11	724.00	723.65	723.46	9
		10	723.53	723.51	723.60	724.04	724.22	723.98	724.00	724.22	724.14	723.98	723.65	723.46	10
	m ü.M.	11	723.52	723.50-	723.60	724.08	724.20	723.97	724.01	724.20	724.14	723.97	723.64	723.45	11
		12	723.52	723.53	723.59-	724.11	724.18	723.95	724.03	724.18	724.16	723.95	723.63	723.45	12
		13	723.52	723.65	723.59-	724.11	724.15	723.93	724.03	724.16	724.15	723.93	723.62	723.44	13
		14	723.53	723.72	723.59-	724.10	724.13	723.92	724.02	724.15	724.13	723.92	723.61	723.44	14
		15	723.53	723.74	723.59-	724.09	724.12	723.93	724.01	724.17	724.11	723.90	723.60	723.43	15
		16	723.52	723.75+	723.62	724.08	724.11	723.95	723.99	724.23	724.09	723.88	723.60	723.43	16
		17	723.51	723.75+	723.65	724.09	724.12	723.94	723.98	724.24	724.09	723.87	723.59	723.44	17
		18	723.51	723.75+	723.70	724.13	724.11	723.93	723.97	724.22	724.11	723.85	723.59	723.45	18
		19	723.51	723.74	723.75	724.18	724.10	723.91	723.96	724.20	724.09	723.84	723.58	723.45	19
		20	723.51	723.73	723.80	724.22	724.09	723.90	723.95	724.23	724.07	723.82	723.57	723.45	20
	+ Maximum	21	723.53	723.72	723.85	724.29	724.08	723.88	723.96	724.37	724.06	723.81	723.56	723.45	21
		22	723.57	723.72	723.89	724.30+	724.07	723.87	723.97	725.29	724.04	723.79	723.55	723.44	22
		23	723.59	723.71	723.91	724.27	724.07	723.85	723.95	725.67+	724.02	723.78	723.54	723.44	23
		24	723.60+	723.70	723.93	724.24	724.09	723.83	723.94	725.52	724.00	723.77	723.54	723.43	24
		25	723.60+	723.69	723.97	724.21	724.08	723.82	723.92	725.32	723.98	723.76	723.53	723.43	25
		26	723.60+	723.68	724.01	724.20	724.07	723.80	724.01	725.15	723.96	723.75	723.52	723.43	26
		27	723.60+	723.67	724.03	724.18	724.05	723.79	724.05+	725.01	723.94	723.74	723.51	723.43	27
		28	723.59	723.67	724.04	724.17	724.03	723.78	724.04	724.89	723.92	723.73	723.51	723.43	28
		29	723.58		724.05+	724.16	724.01	723.77	724.03	724.79	723.91	723.72	723.50	723.43	29
		30	723.57		724.05+	724.15	723.99	723.76-	724.02	724.70	723.90-	723.71	723.49-	723.42-	30
		31	723.56		724.05+		723.97-		724.01	724.62		723.70-		723.43	31
Monatsmittel		723.54	723.63	723.76	724.11	724.11	723.91	723.96	724.48+	724.12	723.88	723.60	723.45-	m ü.M.	
Spitze Datum		723.61 25.	723.75 16.	724.05 29.	724.31 21.	724.25 8.	724.02 8.	724.05 27.	725.71+ 23.	724.57 1.	724.06 5.	723.70 1.	723.49- 1.	m ü.M.	
Amplitude		0.14	0.25	0.46	0.35	0.28	0.26	0.28	1.72+	0.67	0.36	0.21	0.07-	m	

Jahr Mittel: 723.88 Spitze: 725.71 (23.08.2005) Minimum: 723.42 (29.12.2005) Amplitude: 2.29

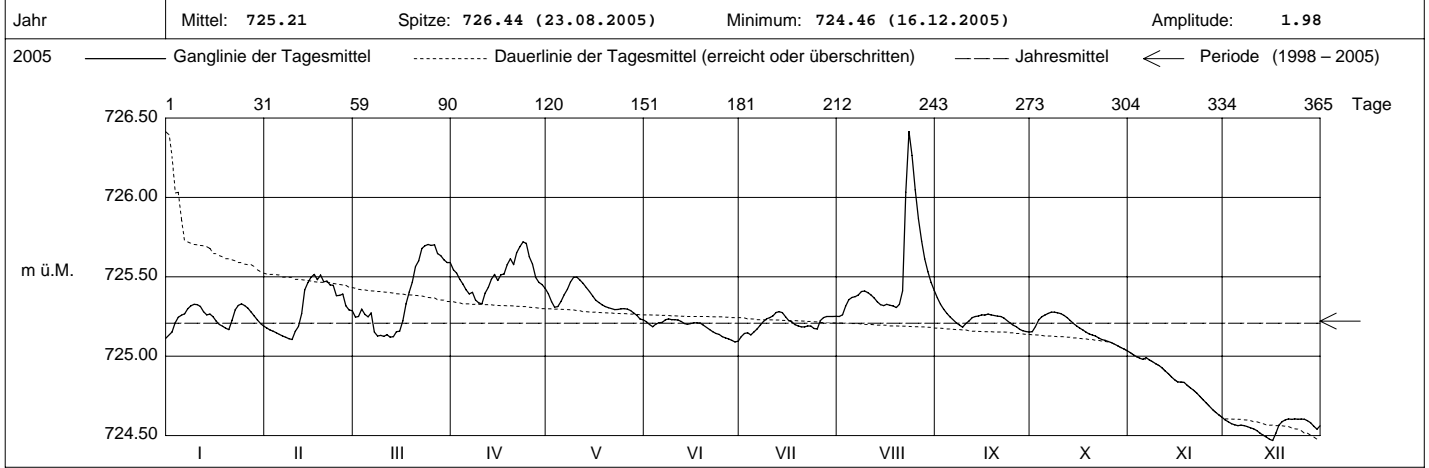


Periode 1996 - 2005 (10 Jahre)													
Monatsmittel	723.85	723.89	724.02	724.09	724.10+	724.09	723.98	723.98	723.92	723.93	723.89	723.84-	m ü.M.
Monats-Spitze Jahr	724.25- 2000	724.65 1999	724.43 2001	724.51 2001	725.22 1999	724.87 2003	724.39 2000	725.71+ 2005	724.69 2002	724.36 2006	724.49 2002	724.38 1999	m ü.M.
Monats-Minimum Jahr	723.47 2005	723.50 2005	723.59 2005	723.74 2002	723.64 1998	723.76 2000	723.69 2003	723.49 2003	723.45- 2003	723.45- 2003	723.49 2005		m ü.M.
Monats-Amplitude Jahr	0.52 2004	0.86 1999	0.69 2001	0.52 1998	1.02 1999	1.04 2003	0.65 2000	1.72+ 2005	0.72 2002	0.48 2003	0.42- 2002	0.50 1999	m
Periode Mittel: 723.96 Spitze: 725.71 (23.08.2005) Minimum: 0.00 (00.12.1996) Amplitude: 725.71													

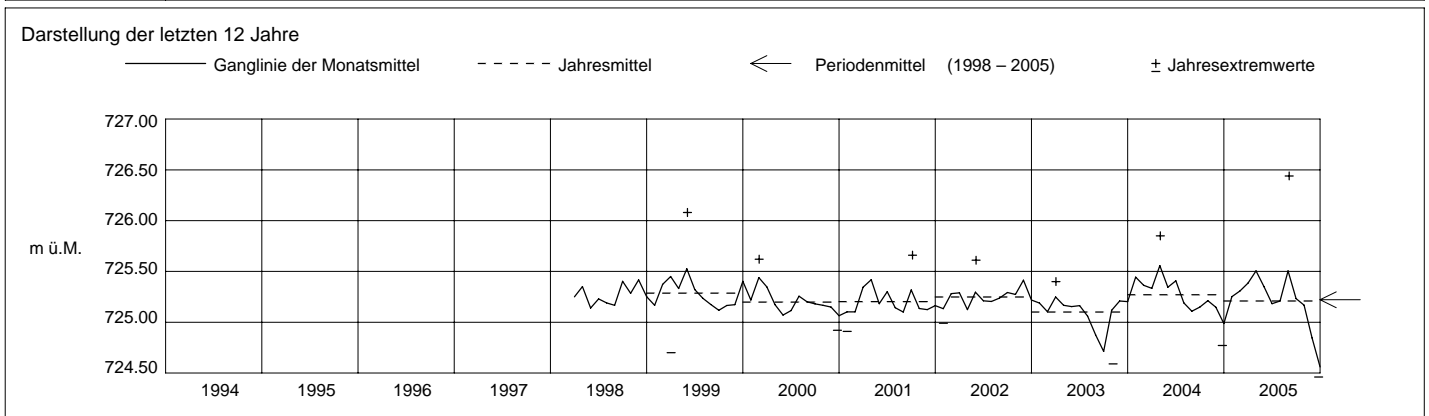


Grundwasserstände **Nr. 4128 Oberägeri - Morgarten (O 28)** **KANTON ZUG**
 Koordinaten: 691'303 / 217'796 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 730.87 m ü.M. OK Terrain: 731.015 m ü.M.**

	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
2005													
Tagesmittel	725.11- 725.15 725.21 725.25 725.26	725.18 725.17 725.16 725.15 725.14	725.25 725.25 725.30 725.26 725.25	725.54 725.52 725.48 725.45 725.42	725.39 725.34 725.31 725.31 725.35	725.22 725.20 725.19 725.20 725.21	725.12 725.14 725.15 725.13 725.15	725.25- 725.26 725.31 725.36 725.37	725.37+ 725.33 725.30 725.27 725.25	725.15 725.19 725.23 725.25 725.26	725.02+ 725.01 725.00 724.99 724.98	724.60+ 724.59 724.57 724.57 724.56	1 2 3 4 5
	725.27 725.30 725.32 725.33+ 725.13	725.13 725.12 725.11- 725.11- 725.16	725.27 725.15 725.13 725.13 725.13	725.39 725.40 725.35 725.34 725.33-	725.39 725.42 725.47 725.50+ 725.50+	725.21 725.23 725.24+ 725.23 725.23	725.17 725.20 725.22 725.24 725.24	725.38 725.39 725.41 725.41 725.40	725.23 725.21 725.20 725.18 725.21	725.27 725.28+ 725.23+ 725.18 725.27	724.99 724.98 724.97 724.95 724.94	724.57 724.56 724.56 724.55 724.54	6 7 8 9 10
m ü.M.	725.31 725.28 725.26 725.27 725.25	725.19 725.27 725.42 725.46 725.50	725.14 725.12- 725.12- 725.46 725.16	725.40 725.43 725.48 725.52 725.48	725.48 725.46 725.43 725.41 725.38	725.23 725.22 725.21 725.20 725.21	725.25 725.28+ 725.28+ 725.27 725.25	725.39 725.37 725.34 725.32 725.32	725.23 725.24 725.25 725.25 725.26	725.26 725.24 725.22 725.21 725.19	724.93 724.91 724.89 724.87 724.85	724.53 724.52 724.50 724.49 724.48	11 12 13 14 15
	725.22 725.20 725.19 725.18 725.17	725.52+ 725.48 725.51 725.47 725.47	725.22 725.33 725.40 725.47 725.57	725.51 725.52 725.58 725.61 725.58	725.35 725.34 725.32 725.31 725.31	725.21 725.21 725.21 725.20 725.18	725.22 725.22 725.20 725.19 725.18	725.33 725.32 725.32 725.31 725.33	725.26 725.27 725.26 725.26 725.25	725.18 725.17 725.15 725.14 725.13	724.84 724.84 724.83 724.82 724.80	724.47- 724.51 724.57 724.59 724.60+	16 17 18 19 20
+ Maximum	725.23 725.29 725.32 725.33+ 725.32	725.45 725.48 725.51 725.38 725.39	725.60 725.68 725.70+ 725.70+ 725.70+	725.65 725.69 725.72+ 725.71 725.63	725.30 725.29 725.29 725.30 725.30	725.17 725.15 725.14 725.14 725.12	725.18 725.19 725.19 725.17 725.17	725.41 726.03 726.41+ 726.26 726.05	725.25 725.24 725.23 725.21 725.19	725.13 725.12 725.11 725.10 725.09	724.79 724.77 724.75 724.73 724.71	724.60+ 724.60+ 724.60+ 724.60+ 724.60+	21 22 23 24 25
- Minimum	725.30 725.28 725.25 725.23 725.21	725.32 725.29 725.29 725.29 725.21	725.70+ 725.65 725.63 725.61 725.59	725.58 725.50 725.47 725.45 725.43	725.30 725.29 725.27 725.26 725.23-	725.12 725.11 725.10 725.09- 725.10	725.22 725.24 725.25 725.25 725.25	725.18 725.73 725.53 725.57 725.47	725.19 725.17 725.16 725.16 725.15-	725.09 725.08 725.07 725.05 725.05	724.68 724.66 724.65 724.63 724.61-	724.60+ 724.59 724.58 724.56 724.54	26 27 28 29 30
	725.19		725.59	725.43	725.23-	725.23-	725.25	725.41	725.03-	725.03-	724.56	724.56	31
Monatsmittel	725.25	725.31	725.38	725.51+	725.35	725.18	725.21	725.50	725.23	725.17	724.85	724.56-	m ü.M.
Spitze Datum	725.33 9.	725.62 16.	725.82 23.	725.87 23.	725.51 10.	725.24 7.	725.28 12.	726.44+ 23.	725.39 1.	725.28 7.	725.03 1.	724.61- 1.	m ü.M.
Amplitude	0.23	0.52	0.72	0.61	0.29	0.16	0.17	1.19+	0.24	0.25	0.42	0.15-	m
Jahr	Mittel: 725.21		Spitze: 726.44 (23.08.2005)				Minimum: 724.46 (16.12.2005)				Amplitude: 1.98		



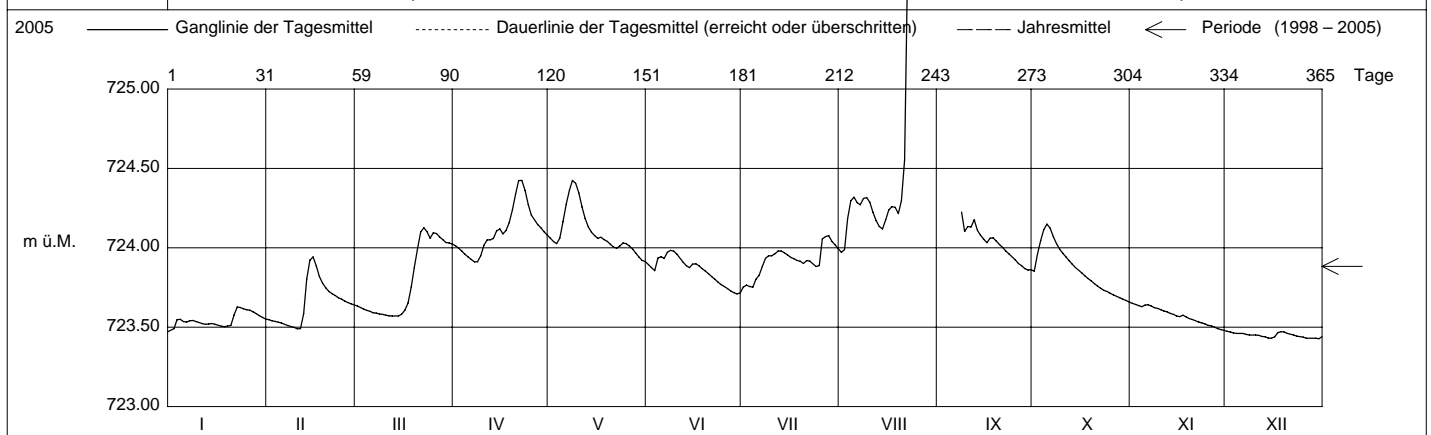
Periode 1998 - 2005 (8 Jahre)													
Monatsmittel	725.21	725.28	725.34+	725.33	725.27	725.24	725.19	725.17	725.18	725.19	725.18	725.11-	m ü.M.
Monats-Spitze Jahr	725.82 2004	725.98 1999	725.82 2005	725.87 2005	726.08 1999	725.82 2004	725.57 2000	726.44+ 2005	725.74 1998	725.55 1998	725.65 1998	725.53- 1999	m ü.M.
Monats-Minimum Jahr	724.91 2001	725.04+ 2001	724.70 1999	724.75 1999	724.99 2000	725.03 2000	724.98 2003	724.69 2003	724.60 2003	724.59 2003	724.61 2005	724.46- 2005	m ü.M.
Monats-Amplitude Jahr	0.68 2004	0.80 1999	0.93 1999	0.78 1999	0.84 1999	0.62 2004	0.54 2000	1.19+ 2005	0.61 2001	0.81 2003	0.44 1998	0.38- 2004	m
Periode	Mittel: 725.22		Spitze: 726.44 (23.08.2005)				Minimum: 724.46 (16.12.2005)				Amplitude: 1.98		



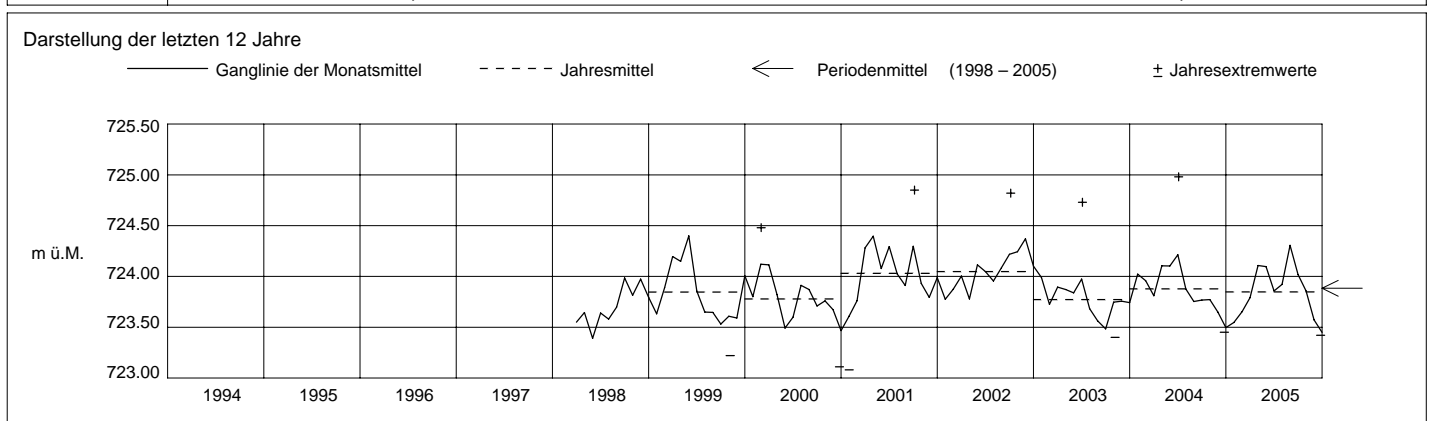
Grundwasserstände **Nr. 4133 Oberägeri - Morgarten / Haselmatt** **KANTON ZUG**
 Koordinaten: 691'397 / 218'351 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 726.81 m ü.M. OK Terrain: 727.00 m ü.M.**

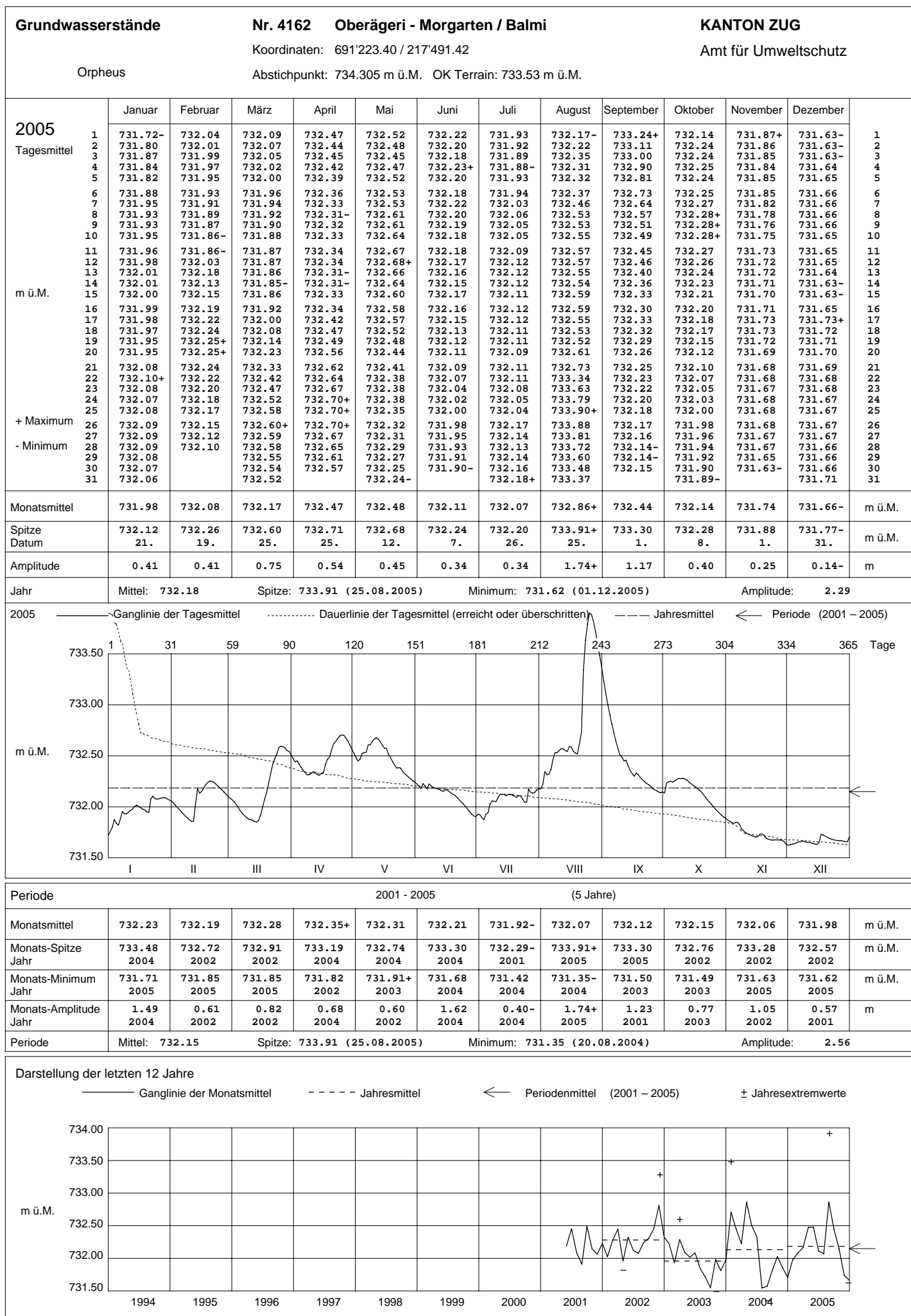
		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	723.47-	723.55	723.63	724.01	724.06	723.89	723.75-	723.97		723.85	723.65+	723.47+	1	
		2	723.49	723.54	723.62	724.00	724.04	723.88	723.77	723.99		723.96	723.64	723.47+	2	
		3	723.55	723.54	723.61	723.98	724.03	723.86	723.76	724.18		724.05	723.64	723.46	3	
		4	723.55	723.53	723.61	723.96	724.06	723.94	723.75-	724.30		724.11	723.63	723.46	4	
		5	723.54	723.53	723.60	723.94	724.16	723.94	723.80	724.32		724.15+	723.64	723.46	5	
	m ü.M.	6	723.53	723.52	723.59	723.93	724.27	723.93	723.83	724.28		724.12	723.64	723.46	6	
		7	723.54	723.51	723.59	723.91-	724.36	723.97	723.88	724.27		724.07	723.63	723.45	7	
		8	723.54	723.50	723.58	723.91-	724.42+	723.98+	723.93	724.31	724.23	724.03	723.62	723.45	8	
		9	723.54	723.50	723.58	723.95	724.41	723.98+	723.95	724.32	724.10	723.99	723.62	723.45	9	
		10	723.53	723.49-	723.58	724.02	724.35	723.96	723.95	724.29	724.13	723.97	723.61	723.45	10	
		11	723.52	723.49-	723.57-	724.05	724.26	723.93	723.96	724.23	724.13	723.94	723.60	723.45	11	
		12	723.52	723.59	723.57-	724.05	724.19	723.91	723.98	724.17	724.18	723.92	723.60	723.44	12	
		13	723.52	723.80	723.57-	724.06	724.13	723.89	723.98	724.13	724.11	723.90	723.59	723.44	13	
		14	723.52	723.92	723.57-	724.11	724.10	723.88	723.97	724.12	724.08	723.88	723.58	723.43-	14	
		15	723.52	723.94+	723.58	724.12	724.08	723.90	723.95	724.18	724.05	723.86	723.57	723.43-	15	
		16	723.51	723.89	723.61	724.09	724.06	723.90	723.94	724.24	724.03	723.84	723.57	723.44	16	
		17	723.51	723.82	723.65	724.11	724.07	723.89	723.93	724.26	724.06	723.82	723.58	723.47+	17	
		18	723.50	723.78	723.75	724.16	724.05	723.87	723.92	724.26	724.06	723.81	723.56	723.47+	18	
		19	723.51	723.75	723.88	724.24	724.04	723.85	723.92	724.22	724.04	723.79	723.55	723.47+	19	
		20	723.51	723.73	723.99	724.34	724.02	723.84	723.90	724.30	724.02	723.77	723.55	723.46	20	
		+ Maximum	21	723.58	723.71	724.10	724.42+	724.00	723.82	723.92	724.55	724.00	723.76	723.54	723.46	21
	22		723.63+	723.70	724.13+	724.42+	724.00	723.80	723.92	725.86	723.98	723.75	723.53	723.45	22	
	23		723.62	723.69	724.10	724.36	724.01	723.78	723.90	723.96	723.96	723.73	723.53	723.44	23	
	24		723.62	723.68	724.06	724.27	724.03	723.77	723.88	723.94	723.94	723.73	723.52	723.44	24	
	25		723.61	723.66	724.10	724.21	724.03	723.76	723.89	723.92	723.92	723.71	723.51	723.44	25	
	26		723.61	723.66	724.09	724.18	724.01	723.74	724.06	723.90	723.70	723.51	723.43-	723.43-	26	
	27		723.60	723.65	724.07	724.15	723.99	723.73	724.07	723.89	723.69	723.50	723.43-	723.43-	27	
	- Minimum		28	723.59	723.64	724.05	724.13	723.97	723.72	724.08+	723.87	723.69	723.49	723.43-	723.43-	28
			29	723.57		724.03	724.10	723.94	723.71-	724.04	723.86	723.68	723.49	723.43-	723.43-	29
			30	723.56		724.03	724.08	723.92	723.72	724.02	723.86	723.67	723.48-	723.43-	723.43-	30
			31	723.55		724.02		723.91-		724.00			723.66-		723.44	31
Monatsmittel		723.55	723.65	723.79	724.11	724.10	723.86	723.92			723.86	723.57	723.45-	m ü.M.		
Spitze Datum	22.	14.	21.	21.	8.	8.	28.			5.	1.	1.	m ü.M.			
Amplitude	0.16	0.46	0.56	0.54	0.53	0.28	0.37			0.50	0.17	0.06-	m			

Jahr Mittel: 723.83 Spitze: 726.81 (22.08.2005) Minimum: 723.42 (16.12.2005) Amplitude: 3.39



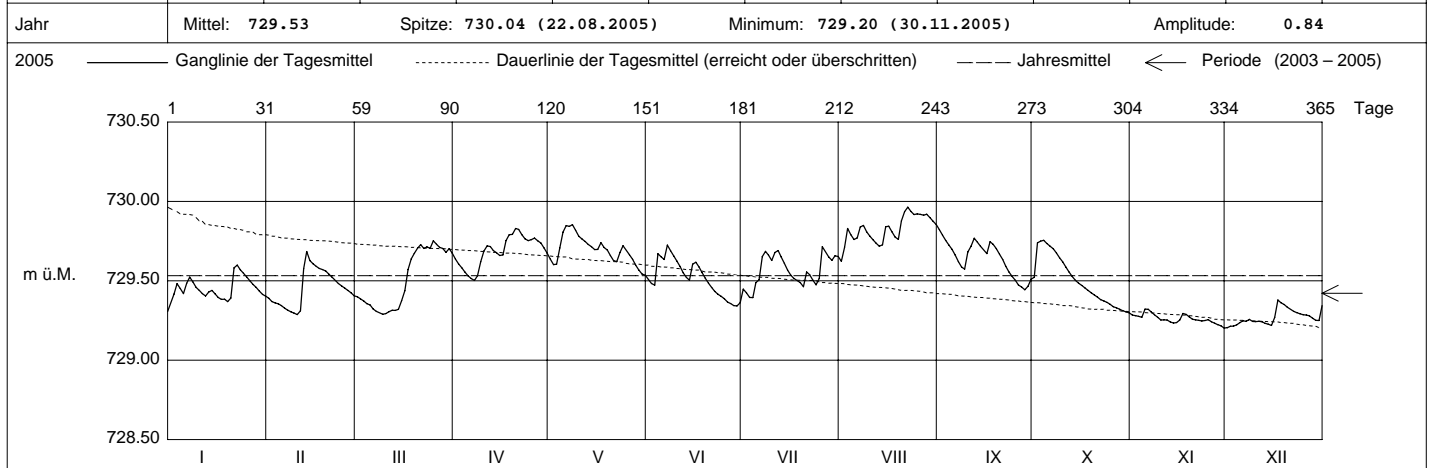
Periode		1998 - 2005 (8 Jahre)												
Monatsmittel		723.77	723.86	724.01	724.03+	724.01	723.98	723.86	723.84	723.88	723.84	723.80	723.76-	m ü.M.
Monats-Spitze Jahr		724.52 2004	724.79 1999	724.64 2001	724.69 2001	725.23 1999	724.98 2004	724.48 2000	726.81+ 2005	724.85 2001	724.36- 2002	724.64 2002	724.45 1999	m ü.M.
Monats-Minimum Jahr		723.08 2001	723.49 2005	723.55 1998	723.60+ 1998	723.30 2000	722.35- 2002	722.92 2002	722.66 2002	723.27 1999	723.22 1999	723.34 1999	723.11 2000	m ü.M.
Monats-Amplitude Jahr		0.86 2004	1.29 1999	0.91 2001	0.54- 2001	1.47 1999	2.02 2002	1.32 2002	2.85+ 2005	1.06 2001	0.72 1999	0.67 1998	1.06 1999	m
Periode		Mittel: 723.88		Spitze: 726.81 (22.08.2005)				Minimum: 722.35 (16.06.2002)				Amplitude: 4.46		



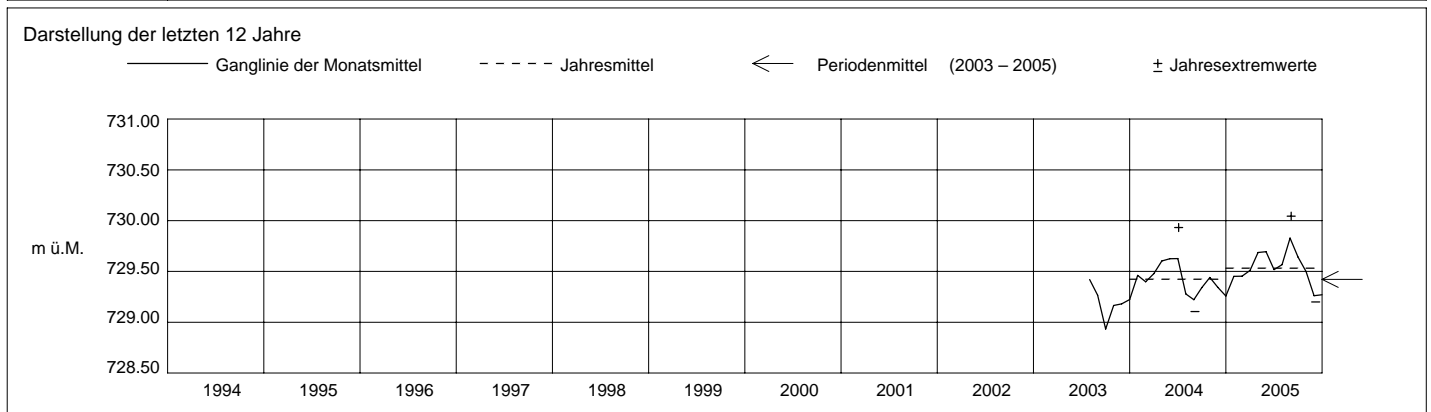


Grundwasserstände **Nr. 4168 Oberägeri - Morgarten / Balmi** **KANTON ZUG**
 Koordinaten: 691'160.26 / 217'406.83 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 731.315 m ü.M. OK Terrain: 730.45 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	729.31-	729.39	729.40	729.64	729.64	729.51	729.45	729.62-	729.82+	729.52	729.28	729.21-	1	
		2	729.42	729.37	729.39	729.61	729.60	729.48	729.42	729.71	729.79	729.74	729.28	729.21-	2	
		3	729.48	729.36	729.37	729.58	729.61	729.47	729.40	729.83	729.75	729.75	729.28	729.21-	3	
		4	729.45	729.35	729.36	729.56	729.71	729.67	729.39-	729.79	729.73	729.76+	729.27	729.22	4	
		5	729.42	729.34	729.35	729.53	729.81	729.65	729.49	729.76	729.70	729.73	729.32+	729.24	5	
		6	729.48	729.33	729.32	729.51	729.85+	729.63	729.51	729.77	729.66	729.72	729.32+	729.25	6	
		7	729.52	729.31	729.31	729.50-	729.84	729.72+	729.65	729.84	729.62	729.70	729.30	729.24	7	
		8	729.49	729.30	729.30	729.53	729.85+	729.69	729.69	729.85	729.59	729.67	729.29	729.26	8	
		9	729.46	729.30	729.29-	729.62	729.82	729.66	729.66	729.81	729.57	729.65	729.27	729.24	9	
		10	729.44	729.29-	729.29-	729.69	729.78	729.63	729.63	729.78	729.68	729.62	729.25	729.24	10	
	m ü.M.	11	729.42	729.31	729.31	729.72	729.76	729.59	729.68	729.76	729.72	729.59	729.25	729.25	11	
		12	729.40	729.30	729.31	729.72	729.75	729.55	729.69	729.74	729.77	729.55	729.25	729.24	12	
		13	729.43	729.68+	729.31	729.69	729.73	729.52	729.65	729.72	729.74	729.53	729.24	729.23	13	
		14	729.44	729.63	729.32	729.68	729.72	729.50	729.61	729.73	729.72	729.50	729.23	729.23	14	
		15	729.42	729.61	729.37	729.66	729.70	729.61	729.57	729.84	729.69	729.49	729.24	729.22	15	
		16	729.40	729.59	729.44	729.66	729.70	729.62	729.54	729.84	729.67	729.47	729.25	729.27	16	
		17	729.38	729.58	729.57	729.75	729.74	729.59	729.52	729.81	729.75	729.46	729.29	729.38+	17	
		18	729.38	729.57	729.64	729.79	729.71	729.55	729.50	729.78	729.73	729.44	729.29	729.36	18	
		19	729.37	729.56	729.67	729.79	729.69	729.52	729.49	729.76	729.70	729.42	729.27	729.35	19	
		20	729.39	729.54	729.70	729.83+	729.66	729.49	729.46	729.88	729.67	729.41	729.26	729.33	20	
	+ Maximum	21	729.58	729.52	729.73	729.82	729.63	729.46	729.56	729.94	729.63	729.40	729.25	729.32	21	
		22	729.60+	729.50	729.70	729.79	729.62	729.43	729.54	729.96+	729.59	729.38	729.25	729.31	22	
		23	729.57	729.48	729.71	729.76	729.68	729.42	729.50	729.94	729.56	729.37	729.25	729.30	23	
		24	729.55	729.47	729.70	729.75	729.72	729.40	729.48	729.92	729.53	729.36	729.25	729.29	24	
		25	729.52	729.45	729.75+	729.76	729.69	729.39	729.52	729.92	729.50	729.35	729.26	729.29	25	
		- Minimum	26	729.50	729.44	729.73	729.77	729.66	729.37	729.71+	729.92	729.47	729.34	729.24	729.28	26
			27	729.48	729.42	729.71	729.75	729.64	729.36	729.68	729.91	729.46	729.33	729.23	729.28	27
			28	729.46	729.40	729.70	729.74	729.60	729.34-	729.65	729.92	729.44-	729.32	729.22	729.26	28
			29	729.44		729.68	729.71	729.57	729.34-	729.63	729.90	729.47	729.31	729.22	729.25	29
			30	729.41		729.70	729.67	729.54-	729.36	729.66	729.88	729.51	729.30-	729.20-	729.25	30
			31	729.40		729.67		729.54-		729.65	729.85		729.30-		729.34	31
Monatsmittel	729.45	729.45	729.51	729.69	729.69	729.52	729.57	729.83+	729.64	729.50	729.26-	729.27	m ü.M.			
Spitze Datum	21.	13.	25.	20.	7.	7.	26.	22.	1.	3.	5.	31.	m ü.M.			
Amplitude	0.34	0.44	0.48	0.35	0.37	0.43	0.37	0.44	0.40	0.49+	0.14-	0.26	m			
Jahr	Mittel: 729.53		Spitze: 730.04 (22.08.2005)				Minimum: 729.20 (30.11.2005)				Amplitude: 0.84					



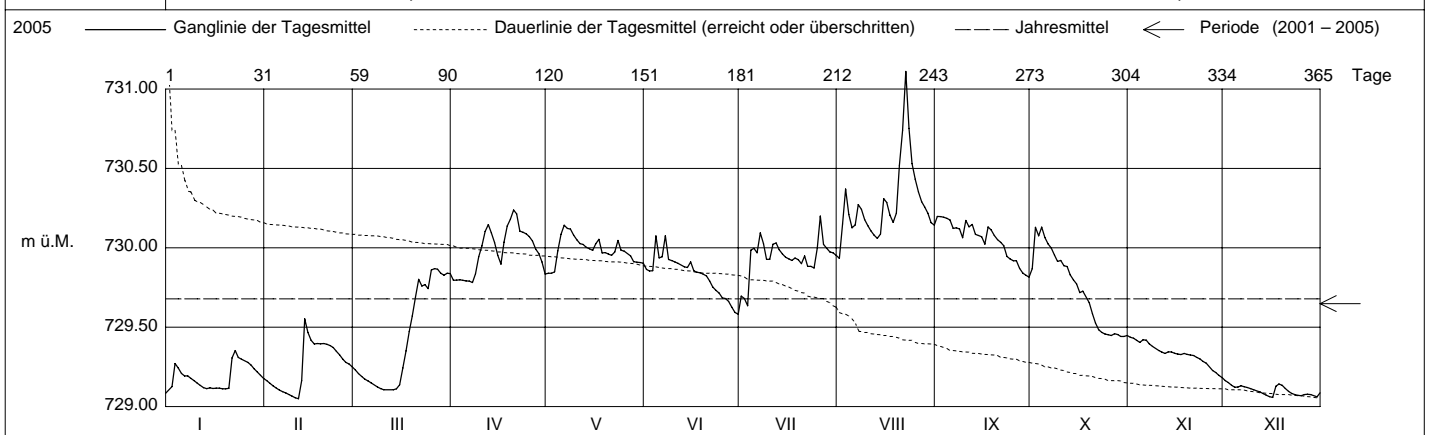
Periode		2003 - 2005 (3 Jahre)												
Monatsmittel		729.46	729.42	729.49	729.64	729.66+	729.57	729.42	729.44	729.31	729.37	729.26	729.25-	m ü.M.
Monats-Spitze Jahr		729.73 2004	729.72 2005	729.77 2005	729.85 2005	729.90 2005	729.93 2004	731.46+ 2003	730.04 2005	729.84 2005	729.78 2005	729.45- 2004	729.46 2005	m ü.M.
Monats-Minimum Jahr		729.21 2004	729.28 2005	729.28 2005	729.50+ 2005	729.44 2004	729.33 2005	725.35- 2003	729.02 2003	728.88 2003	728.87 2003	729.08 2003	729.14 2003	m ü.M.
Monats-Amplitude Jahr		0.52 2004	0.44 2005	0.48 2005	0.35 2005	0.37 2005	0.56 2004	6.11+ 2003	0.54 2003	0.51 2004	0.49 2005	0.24- 2003	0.26 2005	m
Periode		Mittel: 729.42		Spitze: 731.46 (28.07.2003)				Minimum: 725.35 (18.07.2003)				Amplitude: 6.11		



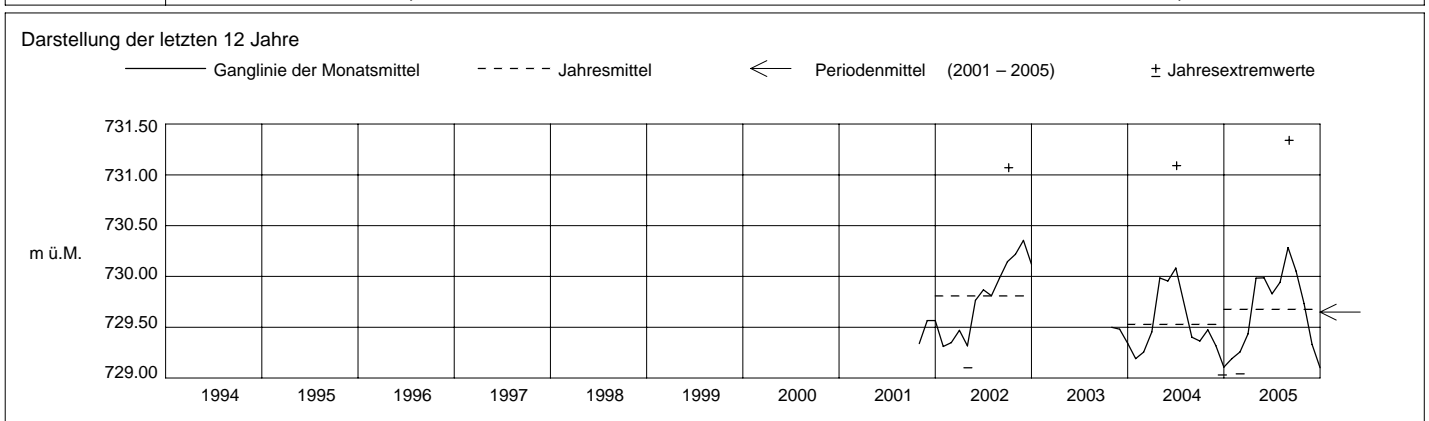
Grundwasserstände **Nr. 4222 Unterägeri - Buechholz** **KANTON ZUG**
 Koordinaten: 686658.86/220954.23 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 732.970 m ü.M. OK Terrain: 731.580 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	729.08-	729.16	729.23	729.80	729.84-	729.86	729.70	729.93-	730.20+	729.87	729.44+	729.16+	1	
		2	729.13	729.15	729.21	729.80	729.84-	729.85	729.68	730.15	730.20+	730.13+	729.43	729.15	2	
		3	729.27	729.13	729.19	729.80	729.85	729.86	729.64-	730.37	730.19	730.08	729.42	729.13	3	
		4	729.24	729.12	729.17	729.80	729.98	730.07	729.99	730.21	730.19	730.13+	729.40	729.12	4	
		5	729.21	729.10	729.16	729.79	730.09	729.94	730.00	730.13	730.18	730.06	729.42	729.12	5	
		6	729.19	729.09	729.15	729.79	730.14+	729.94	729.97	730.14	730.12	730.02	729.42	729.13	6	
		7	729.19	729.09	729.14	729.78-	730.12	730.08+	730.09	730.27	730.13	730.00	729.40	729.12	7	
		8	729.18	729.08	729.12	729.84	730.12	729.93	730.03	730.24	730.12	729.95	729.38	729.12	8	
		9	729.16	729.07	729.11-	729.94	730.08	729.92	729.93	730.18	730.06	729.91	729.37	729.11	9	
		10	729.15	729.06	729.11-	730.01	730.05	729.91	729.93	730.14	730.17	729.92	729.35	729.11	10	
	m ü.M.	11	729.13	729.05-	729.11-	730.10	730.03	729.90	730.02	730.11	730.13	729.89	729.34	729.10	11	
		12	729.12	729.16	729.11-	730.15	730.02	729.89	730.03	730.15	730.08	729.88	729.33	729.09	12	
		13	729.11	729.55+	729.11-	730.09	730.00	729.88	729.99	730.06	730.08	729.83	729.34	729.08	13	
		14	729.12	729.47	729.11-	730.03	729.99	729.88	729.96	730.09	730.08	729.80	729.34	729.07	14	
		15	729.11	729.42	729.14	729.95	729.98	729.91	729.94	730.31	730.07	729.77	729.34	729.06-	15	
		16	729.12	729.39	729.24	729.90	730.03	729.86	729.93	730.29	730.02	729.72	729.33	729.06-	16	
		17	729.12	729.40	729.35	730.04	730.05	729.85	729.92	730.21	730.13	729.73	729.33	729.13	17	
		18	729.11	729.40	729.47	730.14	729.97	729.84	729.94	730.16	730.11	729.69	729.33	729.14	18	
		19	729.11	729.40	729.57	730.18	729.97	729.83	729.93	730.22	730.08	729.65	729.33	729.13	19	
		20	729.11	729.39	729.69	730.24+	729.96	729.82	729.90	730.52	730.05	729.58	729.32	729.11	20	
		+ Maximum	21	729.31	729.38	729.80	730.21	729.95	729.79	729.95	730.74	730.03	729.53	729.32	729.10	21
	22		729.35+	729.37	729.76	730.11	729.97	729.75	729.88	731.11+	730.01	729.48	729.31	729.08	22	
	23		729.31	729.35	729.77	730.10	730.05	729.73	729.88	730.75	729.95	729.47	729.30	729.08	23	
	24		729.30	729.33	729.74	730.09	729.99	729.72	729.87	730.53	729.93	729.46	729.28	729.07	24	
	25		729.29	729.30	729.86	730.07	729.98	729.68	730.00	730.43	729.92	729.45	729.27	729.07	25	
	- Minimum		26	729.28	729.28	729.87+	730.04	729.96	729.68	730.20+	730.35	729.92	729.45	729.25	729.08	26
			27	729.26	729.27	729.87+	729.99	729.95	729.66	730.02	730.29	729.87	729.46	729.23	729.08	27
			28	729.24	729.25	729.84	729.96	729.91	729.63	730.00	730.26	729.84	729.45	729.21	729.08	28
			29	729.22		729.83	729.91	729.91	729.59	729.97	730.22	729.83	729.44-	729.20	729.07	29
			30	729.20		729.84	729.83	729.91	729.58-	729.97	730.16	729.82-	729.44-	729.18-	729.06-	30
			31	729.18		729.84		729.90		729.95	730.14		729.45		729.09	31
Monatsmittel	729.19	729.26	729.44	729.98	729.99	729.83	729.94	730.28+	730.05	729.73	729.33	729.10-	m ü.M.			
Spitze Datum	21.	13.	26.	20.	4.	4.	4.	22.	10.	3.	1.	1.	m ü.M.			
Amplitude	0.32	0.56	0.79	0.57	0.57	0.61	1.17	1.41+	0.43	0.81	0.28	0.12-	m			

Jahr Mittel: 729.68 Spitze: 731.34 (22.08.2005) Minimum: 729.04 (11.02.2005) Amplitude: 2.30



Periode		2001 - 2005 (5 Jahre)												
Monatsmittel	729.23-	729.29	729.45	729.76	729.90	729.93+	729.83	729.89	729.85	729.71	729.61	729.44	m ü.M.	
Monats-Spitze Jahr	729.66-	729.79	729.89	730.34	730.64	731.09	730.79	731.34+	731.07	730.64	730.87	730.56	m ü.M.	
Monats-Minimum Jahr	729.08	729.04	729.10	729.10	729.41	729.57	729.61+	729.24	729.22	729.04	729.17	729.03-	m ü.M.	
Monats-Amplitude Jahr	0.54-	0.62	0.79	0.57	1.23	1.22	1.17	1.41+	1.29	0.81	0.93	0.62	m	
Periode	Mittel: 729.65	Spitze: 731.34 (22.08.2005)						Minimum: 729.03 (19.12.2004)				Amplitude: 2.31		



Grundwasserstände

Nr. 6205 Cham - Oberwilerwald

KANTON ZUG

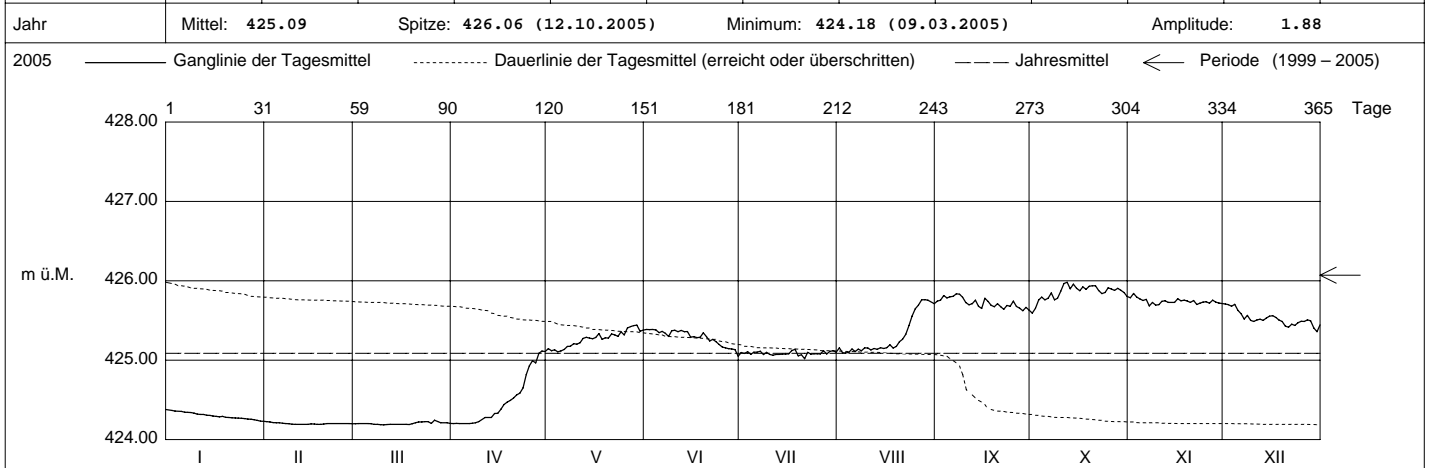
Koordinaten: 677'885 / 229'440

Amt für Umweltschutz

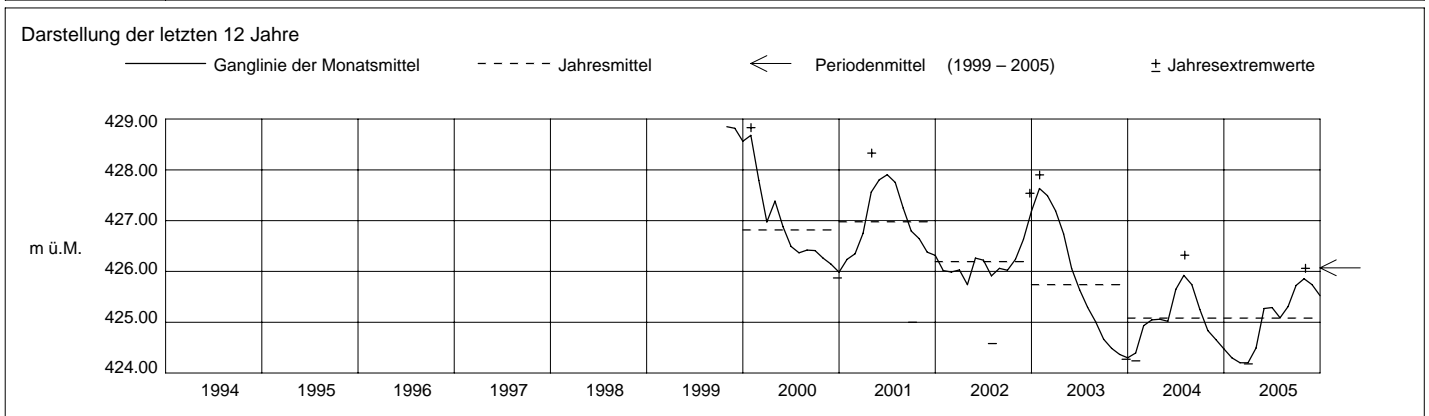
Orphimedes

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

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
Tagesmittel	1	424.38+	424.23+	424.20	424.20-	425.15	425.39+	425.10	425.15	425.74	425.59-	425.79	425.71+	1	
	2	424.37	424.22	424.20	424.20-	425.12	425.39+	425.08	425.09-	425.76	425.65	425.84+	425.70	2	
	3	424.36	424.21	424.20	424.20-	425.13	425.39+	425.11	425.09-	425.76	425.80	425.80	425.68	3	
	4	424.36	424.21	424.20	424.20-	425.10-	425.38	425.08	425.10	425.79	425.79	425.77	425.70	4	
	5	424.35	424.21	424.20	424.20-	425.12	425.35	425.10	425.14	425.80	425.76	425.75	425.63	5	
	6	424.34	424.20	424.20	424.20-	425.13	425.36	425.10	425.11	425.81	425.78	425.77	425.59	6	
	7	424.34	424.20	424.19	424.21	425.17	425.34	425.11	425.14	425.84+	425.85	425.68-	425.52	7	
	8	424.34	424.20	424.19	424.21	425.18	425.30	425.07	425.12	425.83	425.76	425.73	425.56	8	
	9	424.33	424.19-	424.19	424.22	425.21	425.37	425.10	425.16	425.79	425.78	425.69	425.50	9	
	10	424.32	424.19-	424.18-	424.25	425.20	425.38	425.07	425.15	425.73	425.87	425.70	425.49	10	
	11	424.32	424.19-	424.19	424.28	425.22	425.36	425.06	425.13	425.70	425.97	425.74	425.51	11	
	12	424.32	424.19-	424.19	424.28	425.27	425.38	425.07	425.15	425.71	425.98+	425.75	425.52	12	
	13	424.31	424.19-	424.19	424.28	425.29	425.36	425.07	425.14	425.76	425.90	425.73	425.50	13	
	14	424.30	424.19-	424.19	424.33	425.28	425.36	425.08	425.16	425.68	425.96	425.73	425.53	14	
	m ü.M.	15	424.30	424.20	424.19	424.33	425.27	425.29	425.08	425.15	425.65	425.91	425.73	425.56	15
	16	424.29	424.19-	424.19	424.38	425.29	425.30	425.08	425.16	425.78	425.88	425.77	425.56	16	
	17	424.29	424.19-	424.19	424.44	425.33	425.28	425.12	425.19	425.74	425.92	425.75	425.54	17	
	18	424.29	424.19-	424.19	424.47	425.26	425.29	425.14+	425.15	425.69	425.89	425.76	425.51	18	
	19	424.28	424.19-	424.20	424.49	425.28	425.34	425.06	425.17	425.67	425.93	425.75	425.49	19	
	20	424.28	424.20	424.21	424.52	425.28	425.30	425.07	425.23	425.71	425.94	425.73	425.43	20	
	21	424.27	424.20	424.22	424.56	425.33	425.24	425.02-	425.26	425.67	425.94	425.75	425.41	21	
	22	424.27	424.20	424.22	424.58	425.32	425.26	425.10	425.33	425.64	425.88	425.70	425.45	22	
	23	424.27	424.20	424.23	424.65	425.30	425.23	425.08	425.44	425.69	425.84	425.72	425.44	23	
	24	424.27	424.20	424.22	424.82	425.36	425.20	425.08	425.56	425.68	425.85	425.73	425.47	24	
	+ Maximum	25	424.26	424.20	424.20	424.93	425.32	425.17	425.08	425.65	425.74	425.91	425.74	425.49	25
	- Minimum	26	424.26	424.20	424.24+	424.99	425.41	425.15	425.08	425.68	425.90	425.72	425.49	425.41	26
	27	424.26	424.20	424.23	424.97	425.42	425.14	425.12	425.76+	425.65	425.88	425.76	425.51	27	
	28	424.25	424.20	424.21	425.09	425.44+	425.14	425.08	425.76+	425.62-	425.91	425.73	425.50	28	
	29	424.24	424.20	424.21	425.12+	425.44+	425.13	425.11	425.76+	425.67	425.88	425.72	425.41	29	
	30	424.23-	424.20	424.21	425.11	425.36	425.05-	425.12	425.73	425.63	425.85	425.71	425.36-	30	
	31	424.23-	424.20	424.20	425.38	425.38	425.10	425.10	425.71	425.71	425.80	425.80	425.45	31	
Monatsmittel		424.30	424.20-	424.20-	424.49	425.27	425.29	425.09	425.31	425.72	425.85+	425.74	425.52	m ü.M.	
Spitze Datum		424.39 1.	424.23- 1.	424.27 26.	425.16 30.	425.50 27.	425.46 2.	425.19 17.	425.86 27.	425.94 9.	426.06+ 12.	425.87 2.	425.77 4.	m ü.M.	
Amplitude		0.16	0.04-	0.09	0.96+	0.51	0.46	0.25	0.85	0.42	0.52	0.26	0.43	m	
Jahr		Mittel: 425.09			Spitze: 426.06 (12.10.2005)			Minimum: 424.18 (09.03.2005)			Amplitude: 1.88				



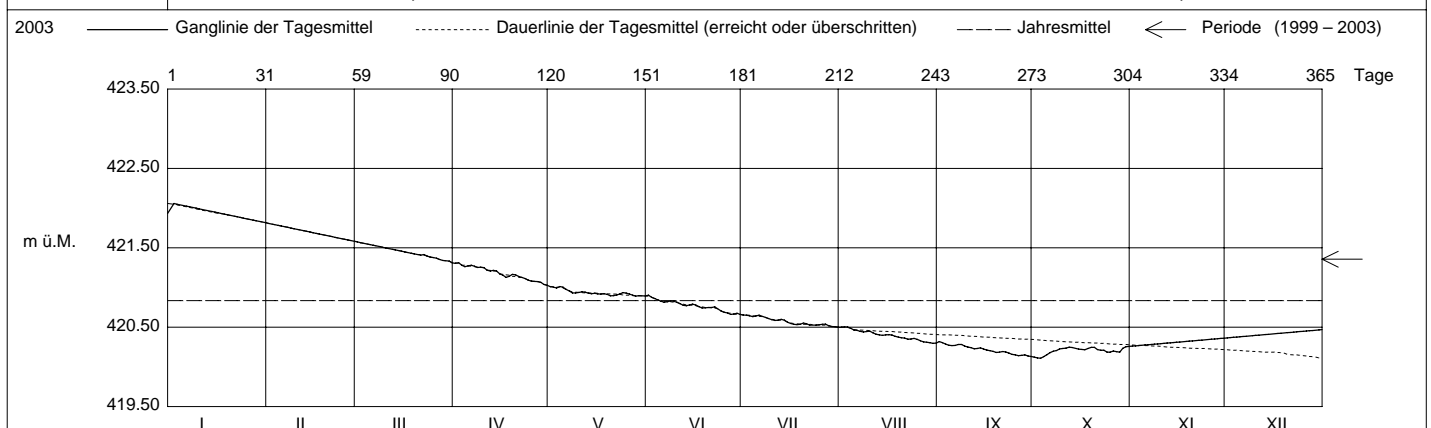
Periode 1999 - 2005 (7 Jahre)													
Monatsmittel	426.21	426.13	426.04	426.16	426.23+	426.20	426.06	425.98	425.81-	425.89	426.11	426.05	m ü.M.
Monats-Spitze Jahr	428.83 2000	428.62 2000	427.66 2003	428.33 2001	428.13 2001	428.26 2001	427.94 2001	427.89 2001	426.92- 2001	429.04+ 1999	429.03 1999	428.74 1999	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	0.69 2001	1.67 2000	1.22 2001	1.45 2001	1.19 2002	1.63 2002	2.54+ 2001	1.06 2001	1.92 2001	0.52- 2005	1.03 2002	0.68 2002	m
Periode	Mittel: 426.07			Spitze: 429.04 (01.10.1999)			Minimum: 424.18 (09.03.2005)			Amplitude: 4.86			



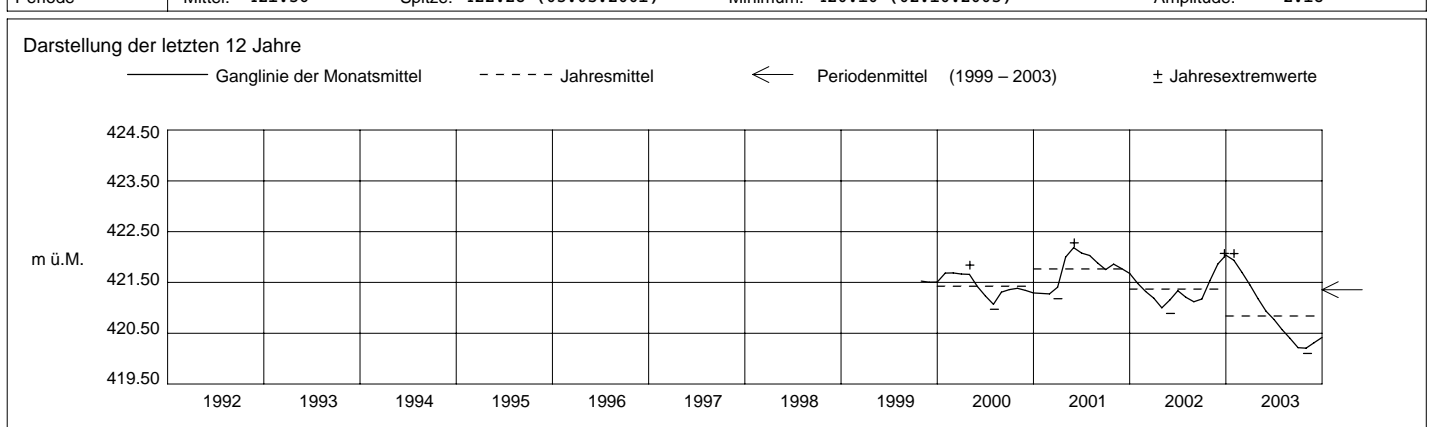
Grundwasserstände **Nr. 6212 Cham - Oberwil - Ebnetwald** **KANTON ZUG**
 Koordinaten: 677'358 / 229'702 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 459.03 m ü.M. OK Terrain: 458.18 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2003	Tagesmittel	1	421.93	421.81+	421.57+	421.30	421.01+	420.90+	420.65+	420.50+	420.32+	420.12	420.26-	420.36-	1
		2	422.06+	421.80	421.57+	421.31+	421.00	420.88	420.65+	420.50+	420.30	420.11-	420.26-	420.37	2
		3	422.05	421.79	421.56	421.28	420.99	420.86	420.64	420.50+	420.29	420.11-	420.27	420.37	3
		4	422.04	421.78	421.55	421.26	421.01+	420.84	420.63	420.49	420.27	420.13	420.27	420.38	4
		5	422.03	421.77	421.54	421.27	421.00	420.83	420.64	420.46	420.27	420.15	420.27	420.38	5
		6	422.02	421.77	421.53	421.28	420.98	420.81	420.65+	420.46	420.27	420.18	420.28	420.38	6
		7	422.02	421.76	421.52	421.27	420.96	420.82	420.64	420.45	420.28	420.20	420.28	420.39	7
		8	422.01	421.75	421.52	421.25	420.93	420.83	420.62	420.44	420.28	420.21	420.29	420.39	8
		9	422.00	421.74	421.51	421.26	420.93	420.83	420.61	420.45	420.26	420.23	420.29	420.39	9
		10	421.99	421.73	421.50	421.25	420.94	420.81	420.60	420.45	420.25	420.23	420.29	420.40	10
	m ü.M.	11	421.98	421.72	421.49	421.22	420.95	420.80	420.58	420.43	420.24	420.24	420.30	420.40	11
		12	421.97	421.48	421.21	421.21	420.94	420.78	420.59	420.41	420.23	420.25	420.30	420.40	12
		13	421.97	421.71	421.47	421.22	420.93	420.77	420.60	420.40	420.23	420.24	420.30	420.41	13
		14	421.96	421.70	421.47	421.21	420.92	420.78	420.59	420.40	420.24	420.23	420.31	420.41	14
		15	421.95	421.69	421.46	421.17	420.93	420.79	420.56	420.40	420.22	420.22	420.31	420.41	15
		16	421.94	421.68	421.45	421.16	420.92	420.78	420.55	420.40	420.21	420.22	420.31	420.42	16
		17	421.93	421.67	421.44	421.13	420.92	420.76	420.54	420.40	420.20	420.22	420.32	420.42	17
		18	421.92	421.67	421.43	421.14	420.92	420.74	420.53	420.39	420.20	420.23	420.32	420.42	18
		19	421.92	421.66	421.42	421.16	420.91	420.74	420.54	420.37	420.18	420.25	420.32	420.43	19
		20	421.91	421.65	421.42	421.16	420.90	420.75	420.55	420.37	420.19	420.25	420.33	420.43	20
		+ Maximum	21	421.90	421.64	421.41	421.14	420.90	420.75	420.54	420.36	420.19	420.22	420.33	420.43
	22		421.89	421.63	421.42	421.13	420.90	420.76	420.53	420.35	420.19	420.21	420.33	420.44	22
	23		421.88	421.62	421.40	421.11	420.92	420.73	420.53	420.35	420.17	420.21	420.34	420.44	23
	24		421.87	421.62	421.38	421.09	420.94	420.70	420.53	420.36	420.16	420.19	420.34	420.44	24
	25		421.87	421.61	421.38	421.08	420.93	420.69	420.53	420.35	420.15	420.19	420.34	420.45	25
	26		421.86	421.60	421.37	421.08	420.92	420.68	420.54	420.33	420.14	420.20	420.35	420.45	26
	27		421.85	421.59	421.35	421.08	420.90	420.66-	420.54	420.31	420.15	420.19	420.35	420.45	27
	28		421.84	421.58-	421.34	421.06	420.89-	420.66-	420.52	420.31	420.15	420.19	420.35	420.46	28
	29		421.83		421.34	421.04	420.90	420.68	420.51	420.30-	420.14	420.23	420.36+	420.46	29
	30		421.82-		421.33	421.03-	420.90	420.66-	420.51	420.30-	420.13-	420.25	420.36+	420.47+	30
	31		421.82-		421.31-		420.89-		420.50-	420.30-		420.26+		420.47+	31
Monatsmittel		421.94+	421.69	421.45	421.18	420.93	420.77	420.57	420.40	420.22	420.20-	420.31	420.42	m ü.M.	
Spitze Datum		422.07+ 1.	421.81 1.	421.58 1.	421.33 2.	421.02 1.	420.91 1.	420.66 1.	420.51 2.	420.33 1.	420.26- 20.	420.36 30.	420.47 31.	m ü.M.	
Amplitude		1.60+	0.23	0.29	0.33	0.14	0.27	0.18	0.22	0.21	0.16	0.10-	0.11	m	

Jahr Mittel: 420.84 Spitze: 422.07 (01.01.2003) Minimum: 420.10 (02.10.2003) Amplitude: 1.97

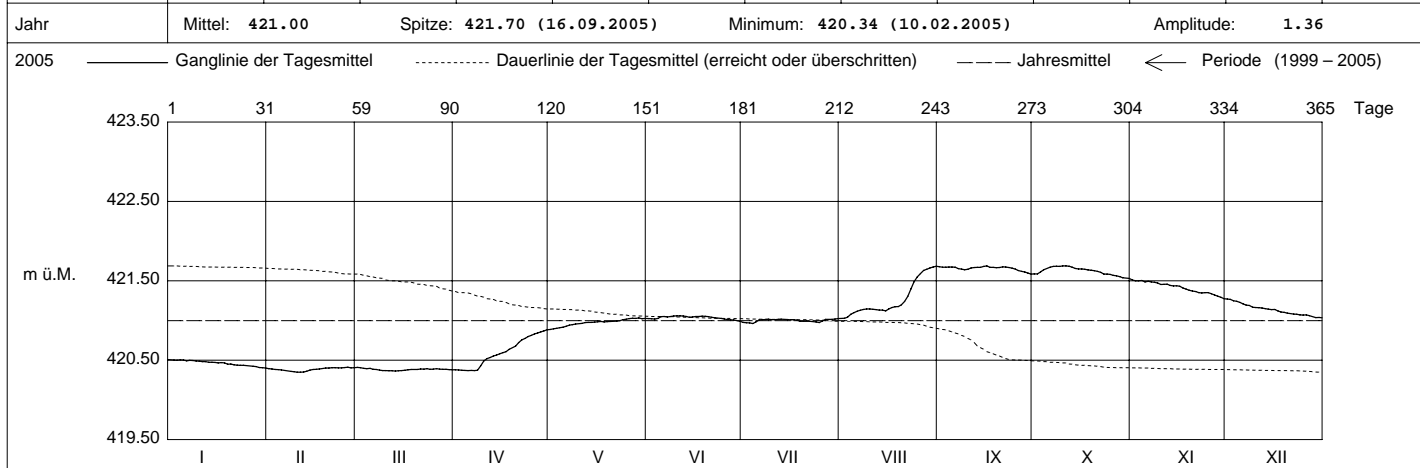


Periode		1999 - 2003 (5 Jahre)												
Monatsmittel		421.60+	421.50	421.42	421.46	421.42	421.35	421.22	421.18	421.13-	421.27	421.36	421.39	m ü.M.
Monats-Spitze Jahr		422.07 2003	421.81 2003	421.73- 2000	422.27 2001	422.28+ 2001	422.15 2001	422.09 2001	421.98 2001	421.86 2001	421.90 2001	422.03 2003	422.07 2002	m ü.M.
Monats-Minimum Jahr		420.47 2003	421.21+ 2002	421.10 2002	420.91 2002	420.88 2003	420.64 2003	420.48 2003	420.29 2003	420.12 2003	420.10- 2003	420.26 2003	420.36 2003	m ü.M.
Monats-Amplitude Jahr		1.60+ 2003	0.23- 2003	0.54 2001	0.54 2001	0.43 2000	0.47 2000	0.27 2002	0.26 2001	0.32 2002	0.30 2002	0.40 2002	0.28 1999	m
Periode		Mittel: 421.36	Spitze: 422.28 (03.05.2001)			Minimum: 420.10 (02.10.2003)			Amplitude: 2.18					

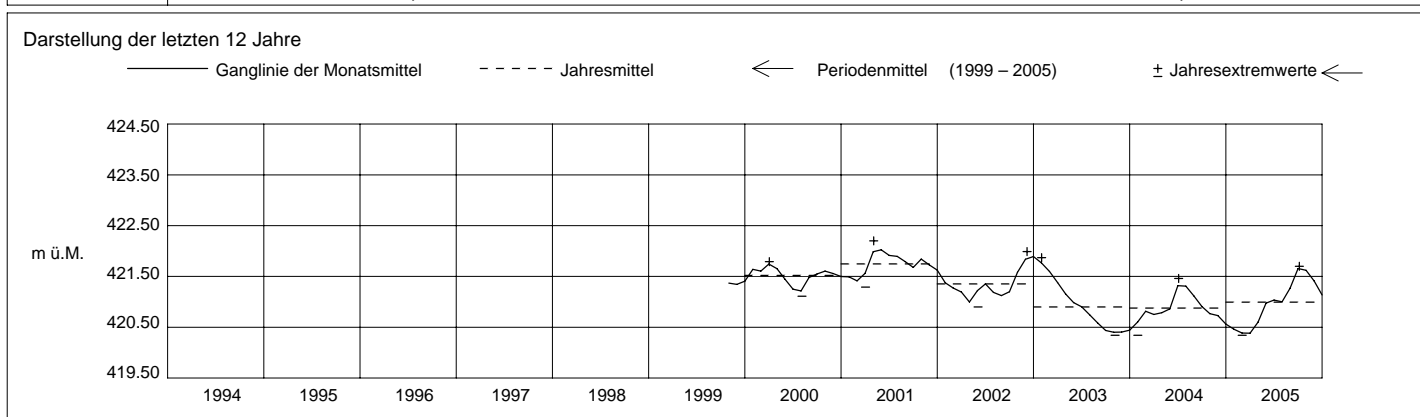


Grundwasserstände	Nr. 6215 Cham - Ebnetwald	KANTON ZUG
	Koordinaten: 677'057 / 230'104	Amt für Umweltschutz
Orphimedes	Abstichpunkt: 458.95 m ü.M. OK Terrain: 458.13 m ü.M.	

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
2005	Tagesmittel	1	420.51+	420.39	420.41+	420.38	420.89-	421.02	420.98	421.03-	421.68	421.59	421.51+	421.27+	1
		2	420.50	420.39	420.41+	420.38	420.89-	421.02	420.97	421.03-	421.67	421.59	421.50	421.27+	2
		3	420.50	420.38	420.40	420.37-	420.90	421.02	420.97	421.04	421.67	421.61	421.50	421.25	3
		4	420.50	420.38	420.39	420.37-	420.91	421.03	420.96-	421.08	421.67	421.64	421.50	421.24	4
		5	420.50	420.38	420.40	420.37-	420.92	421.05	420.98	421.10	421.67	421.66	421.49	421.23	5
		6	420.49	420.37	420.38	420.37-	420.93	421.05	421.01	421.12	421.67	421.67	421.49	421.21	6
		7	420.50	420.37	420.38	420.37-	420.94	421.05	421.01	421.13	421.65	421.68	421.49	421.19	7
		8	420.50	420.36	420.37	420.37-	420.95	421.05	421.01	421.14	421.65	421.68	421.48	421.19	8
		9	420.49	420.35-	420.37	420.43	420.96	421.06+	421.02+	421.14	421.64	421.68	421.47	421.17	9
		10	420.49	420.35-	420.37	420.49	420.96	421.06+	421.01	421.15	421.64	421.69+	421.45	421.16	10
	11	420.48	420.35-	420.37	420.52	420.96	421.06+	421.01	421.14	421.66	421.69+	421.46	421.16	11	
	12	420.48	420.35-	420.37	420.53	420.97	421.06+	421.01	421.14	421.67	421.68	421.46	421.16	12	
	13	420.47	420.36	420.36-	420.55	420.98	421.05	421.02+	421.13	421.67	421.67	421.44	421.15	13	
	14	420.47	420.38	420.37	420.56	420.98	421.04	421.01	421.13	421.67	421.66	421.44	421.14	14	
	m ü.M.	15	420.47	420.38	420.37	420.58	420.98	421.05	421.01	421.12	421.68	421.65	421.44	421.14	15
	16	420.47	420.39	420.37	420.59	420.98	421.05	421.01	421.15	421.69+	421.65	421.43	421.14	16	
	17	420.47	420.39	420.38	420.61	420.99	421.05	421.01	421.16	421.67	421.68	421.41	421.12	17	
	18	420.47	420.39	420.38	420.64	420.98	421.05	421.00	421.17	421.67	421.64	421.40	421.11	18	
	19	420.45	420.40	420.38	420.66	420.99	421.05	420.99	421.18	421.67	421.63	421.38	421.10	19	
	20	420.45	420.40	420.38	420.68	420.99	421.05	420.99	421.20	421.67	421.63	421.37	421.09	20	
	21	420.44	420.41+	420.39	420.72	420.99	421.04	420.99	421.24	421.68	421.62	421.36	421.09	21	
	22	420.44	420.40	420.39	420.76	420.99	421.03	420.99	421.31	421.67	421.61	421.35	421.08	22	
	23	420.44	420.40	420.39	420.77	421.00	421.03	420.99	421.40	421.67	421.59	421.35	421.08	23	
	24	420.43	420.40	420.39	420.80	421.01	421.03	420.98	421.49	421.66	421.58	421.35	421.07	24	
	25	420.43	420.41+	420.39	420.81	421.02	421.02	420.97	421.55	421.65	421.58	421.35	421.07	25	
	+ Maximum	26	420.43	420.41+	420.39	420.83	421.02	421.01	420.99	421.59	421.63	421.57	421.34	421.07	26
	27	420.42	420.40	420.39	420.84	421.03+	421.01	421.01	421.63	421.62	421.56	421.32	421.06	27	
	- Minimum	28	420.42	420.41+	420.38	420.86	421.03+	421.01	421.01	421.65	421.61	421.55	421.31	421.05	28
	29	420.41		420.38	420.87	421.03+	421.00	421.01	421.66	421.60	421.54	421.29	421.04	29	
	30	420.40-		420.38	420.88+	421.02	420.99-	421.02+	421.67	421.59-	421.54	421.27-	421.04	30	
	31	420.40-		420.38		421.03+		421.02+	421.68+		421.53-		421.03-	31	
Monatsmittel		420.46	420.38-	420.38-	420.60	420.97	421.04	421.00	421.27	421.66+	421.62	421.41	421.13	m ü.M.	
Spitze Datum		420.51 1.	420.41- 1.	420.41- 1.	420.89 30.	421.04 29.	421.06 9.	421.04 29.	421.69 31.	421.70+ 16.	421.70+ 11.	421.52 4.	421.28 1.	m ü.M.	
Amplitude		0.11	0.07	0.06-	0.53	0.16	0.08	0.09	0.67+	0.12	0.18	0.25	0.26	m	
Jahr		Mittel: 421.00			Spitze: 421.70 (16.09.2005)			Minimum: 420.34 (10.02.2005)			Amplitude: 1.36				



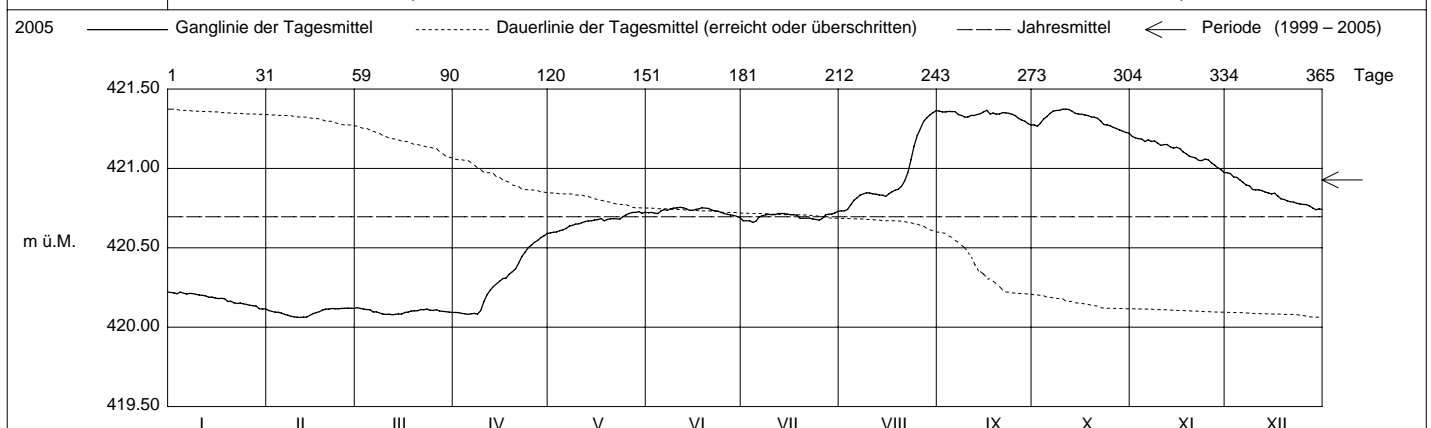
Periode 1999 - 2005 (7 Jahre)													
Monatsmittel	421.22	421.18-	421.18-	421.20	422.20+	421.30	421.22	421.23	421.24	421.37	421.29	421.22	m ü.M.
Monats-Spitze Jahr	421.87 2003	421.81- 2003	421.88 2001	422.20+ 2001	422.20+ 2001	421.99 2001	421.95 2001	421.89 2001	421.85 2001	421.87 2001	421.99 2002	421.99 2002	m ü.M.
Monats-Minimum Jahr	420.34- 2004	420.34- 2005	420.35 2005	420.36 2005	420.78 2004	420.81+ 2003	420.67 2003	420.49 2003	420.35 2003	420.34- 2003	420.36 2003	420.37 2003	m ü.M.
Monats-Amplitude Jahr	0.43 2004	0.32 2003	0.59 2001	0.53 2005	0.45 2002	0.57 2004	0.24 2000	0.67+ 2005	0.39 2002	0.20- 2002	0.38 2002	0.26 2005	m
Periode	Mittel: 425.51			Spitze: 422.20 (29.04.2001)			Minimum: 420.34 (02.10.2003)			Amplitude: 1.86			



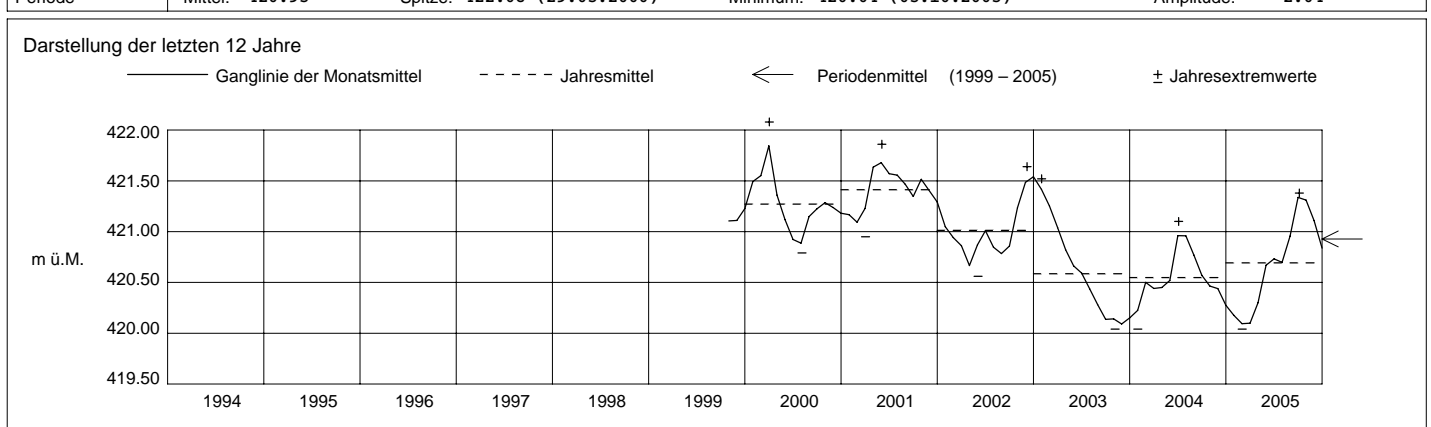
Grundwasserstände **Nr. 6217 Cham - Ebnetwald** **KANTON ZUG**
 Koordinaten: 676'936 / 229'936 **Amt für Umweltschutz**
 Orphimedes **Abstichpunkt: 453.04 m ü.M. OK Terrain: 452.11 m ü.M.**

		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember			
2005	Tagesmittel	1	420.22+	420.10	420.12+	420.09	420.59-	420.72	420.67	420.73-	421.36	421.28	421.20+	420.97+	1	
		2	420.22+	420.10	420.12+	420.09	420.60	420.72	420.67	420.73-	421.36	421.27	421.19	420.97+	2	
		3	420.21	420.09	420.11	420.09	420.60	420.72	420.67	420.74	421.36	421.29	421.19	420.95	3	
		4	420.22+	420.09	420.11	420.08-	420.61	420.72	420.66-	420.77	421.36	421.31	421.19	420.94	4	
		5	420.21	420.09	420.11	420.08-	420.61	420.73	420.67	420.80	421.36	421.33	421.17	420.93	5	
		6	420.21	420.08	420.10	420.08-	420.62	420.74	420.69	420.82	421.36	421.35	421.18	420.91	6	
		7	420.21	420.08	420.10	420.09	420.64	420.74	420.70	420.83	421.34	421.36	421.17	420.90	7	
		8	420.21	420.07	420.09	420.08-	420.64	420.75	420.71	420.84	421.33	421.37+	421.17	420.89	8	
		9	420.21	420.07	420.08-	420.11	420.65	420.75	420.71	420.85	421.32	421.37+	421.16	420.87	9	
		10	420.20	420.06-	420.08-	420.16	420.65	420.75	420.71	420.85	421.32	421.37+	421.15	420.87	10	
	m ü.M.	11	420.20	420.06-	420.08-	420.20	420.66	420.76+	420.71	420.84	421.33	421.37+	421.15	420.87	11	
		12	420.20	420.06-	420.08-	420.23	420.67	420.75	420.72	420.84	421.33	421.37+	421.15	420.86	12	
		13	420.19	420.06-	420.08-	420.26	420.67	420.75	420.72	420.83	421.34	421.36	421.14	420.85	13	
		14	420.19	420.07	420.08-	420.27	420.67	420.74	420.72	420.83	421.35	421.35	421.13	420.85	14	
		15	420.18	420.09	420.08-	420.29	420.68	420.74	420.71	420.82	421.36	421.34	421.13	420.84	15	
		16	420.18	420.09	420.09	420.31	420.68	420.74	420.71	420.84	421.37+	421.34	421.13	420.84	16	
		17	420.18	420.10	420.10	420.31	420.68	420.75	420.71	420.85	421.34	421.34	421.11	420.83	17	
		18	420.18	420.11	420.10	420.33	420.67	420.75	420.70	420.86	421.35	421.33	421.09	420.81	18	
		19	420.16	420.11	420.10	420.35	420.68	420.75	420.69	420.87	421.34	421.33	421.08	420.81	19	
		20	420.16	420.11	420.10	420.37	420.68	420.75	420.69	420.89	421.34	421.32	421.07	420.80	20	
	+ Maximum	21	420.15	420.12+	420.11	420.40	420.68	420.74	420.69	420.92	421.35	421.32	421.07	420.79	21	
		22	420.15	420.12+	420.11	420.45	420.68	420.73	420.69	420.97	421.35	421.30	421.05	420.79	22	
		23	420.15	420.12+	420.11	420.47	420.68	420.73	420.68	421.05	421.35	421.28	421.05	420.78	23	
		24	420.15	420.12+	420.11	420.50	420.70	420.72	420.68	421.14	421.34	421.28	421.06	420.78	24	
		25	420.14	420.12+	420.11	420.52	420.71	420.72	420.67	421.21	421.33	421.27	421.06	420.77	25	
		26	420.14	420.12+	420.11	420.53	420.72	420.71	420.69	421.25	421.32	421.26	421.04	420.77	26	
		27	420.14	420.12+	420.10	420.55	420.72	420.71	420.71	421.30	421.31	421.25	421.02	420.76	27	
		- Minimum	28	420.13	420.12+	420.10	420.56	420.72	420.70	420.71	421.32	421.30	421.24	421.00	420.75	28
			29	420.12-		420.10	420.58	420.73+	420.70	420.71	421.34	421.28	421.23	420.99	420.74-	29
			30	420.12-		420.09	420.59+	420.72	420.69-	420.72	421.35	421.27-	421.23	420.97-	420.75	30
			31	420.12-		420.09		420.72		420.73+	421.36+		421.22-		420.74-	31
Monatsmittel	420.18		420.09-	420.10	420.30	420.67	420.73	420.70	420.96	421.34+	421.31	421.11	420.84	m ü.M.		
Spitze Datum	420.23 1.		420.13- 27.	420.13- 1.	420.60 30.	420.74 29.	420.76 10.	420.75 29.	421.37 31.	421.38+ 16.	421.38+ 10.	421.21 1.	420.98 1.	m ü.M.		
Amplitude	0.12	0.09	0.07-	0.53	0.15	0.09	0.11	0.65+	0.11	0.17	0.24	0.25	m			

Jahr Mittel: 420.70 Spitze: 421.38 (16.09.2005) Minimum: 420.04 (13.02.2005) Amplitude: 1.34



Periode 1999 - 2005 (7 Jahre)													
Monatsmittel	420.92	420.91	420.92	420.87-	420.92	420.96	420.90	420.90	420.91	421.00+	420.98	420.93	m ü.M.
Monats-Spitze Jahr	421.63 2000	421.93 2000	422.08+ 2000	422.04 2000	421.86 2001	421.65 2001	421.62 2001	421.57 2001	421.53- 2001	421.55 2001	421.64 2002	421.64 2003	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 2001	0.81+ 2000	0.45 2002	0.55 2004	0.24 2002	0.65 2005	0.37 2002	0.22- 2002	0.37 2002	0.37 1999	m
Periode	Mittel: 420.93			Spitze: 422.08 (29.03.2000)			Minimum: 420.04 (03.10.2003)			Amplitude: 2.04			



Grundwasserstände

Nr. 6221 Cham - Kieswerk Risi

KANTON ZUG

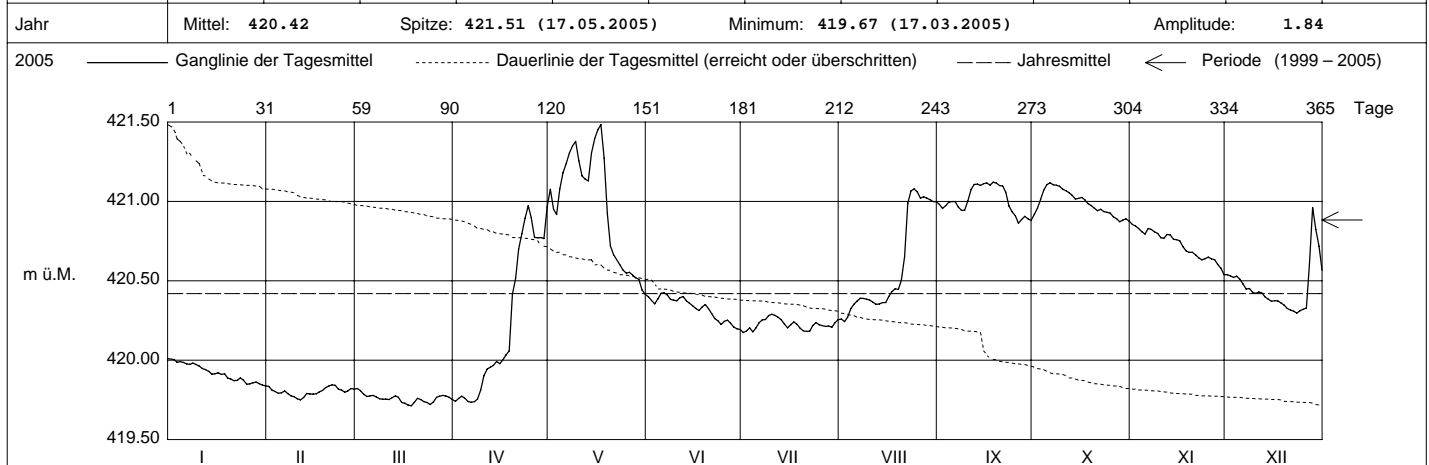
Koordinaten: 677'650.9 / 229'636.1

Amt für Umweltschutz

Orphimedes

Abstichpunkt: 443.86 m ü.M. OK Terrain: 442.910 m ü.M.

2005		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	420.01+	419.83	419.82+	419.74-	421.08	420.40	420.17-	420.26	420.98	420.92	420.85+	420.54	1
	2	420.00	419.81	419.81	419.76	420.95	420.38	420.18	420.24-	420.96	420.96	420.85+	420.53	2
	3	419.99	419.80	419.78	419.77	420.92	420.36	420.20	420.27	420.97	421.01	420.83	420.52	3
	4	419.99	419.79	419.77	419.76	421.08	420.39	420.18	420.32	421.00	421.07	420.81	420.53	4
	5	419.99	419.79	419.77	419.74-	421.18	420.42+	420.20	420.35	421.00	421.11	420.79	420.51	5
	6	419.98	419.81	419.78	419.74-	421.24	420.42+	420.24	420.37	421.00	421.12+	420.83	420.48	6
	7	419.97	419.79	419.77	419.74-	421.31	420.41	420.25	420.39	420.96	421.10	420.82	420.45	7
	8	419.98	419.77	419.76	419.76	421.35	420.38	420.26	420.39	420.94	421.10	420.81	420.45	8
	9	419.97	419.77	419.75	419.81	421.38	420.38	420.28	420.38	420.95	421.10	420.80	420.43	9
	10	419.96	419.76	419.75	419.90	421.26	420.37	420.29+	420.38	421.00	421.08	420.77	420.42	10
m ü.M.	11	419.95	419.75-	419.75	419.94	421.16	420.39	420.28	420.37	421.08	421.07	420.77	420.43	11
	12	419.94	419.76	419.76	419.96	421.14	420.40	420.27	420.35	421.11	421.06	420.79	420.42	12
	13	419.93	419.79	419.78	419.97	421.13	420.37	420.25	420.35	421.11	421.04	420.79	420.40	13
	14	419.91	419.79	419.77	419.99	421.31	420.36	420.23	420.36	421.10	421.02	420.76	420.38	14
	15	419.91	419.79	419.73	419.98	421.40	420.34	420.20	420.36	421.11	421.02	420.76	420.37	15
	16	419.92	419.79	419.73	420.00	421.45	420.33	420.22	420.40	421.12+	421.03	420.75	420.38	16
	17	419.91	419.80	419.72	420.03	421.48+	420.31	420.24	420.43	421.10	421.01	420.72	420.37	17
	18	419.91	419.81	419.71-	420.06	421.27	420.33	420.23	420.45	421.12+	420.99	420.69	420.36	18
	19	419.89	419.83	419.73	420.42	420.93	420.35	420.20	420.45	421.12+	420.97	420.68	420.35	19
	20	419.88	419.84+	419.76	420.51	420.72	420.33	420.18	420.50	421.10	420.96	420.68	420.33	20
+ Maximum	21	419.87	419.84+	419.75	420.70	420.66	420.29	420.18	420.65	421.10	420.94	420.66	420.32	21
	22	419.87	419.84+	419.74	420.80	420.63	420.26	420.18	420.99	421.06	420.95	420.64	420.31	22
	23	419.89	419.82	419.73	420.89	420.60	420.25	420.22	421.07	420.97	420.94	420.63	420.30-	23
	24	419.87	419.81	419.72	420.97+	420.57	420.23	420.24	421.08+	420.93	420.93	420.64	420.31	24
	25	419.85	419.80	419.74	420.90	420.55	420.25	420.22	421.06	420.91	420.93	420.65	420.32	25
	26	419.85	419.81	419.77	420.77	420.55	420.25	420.22	421.02	420.86-	420.90	420.64	420.33	26
	27	419.86	419.82	419.77	420.77	420.54	420.23	420.21	421.03	420.89	420.89	420.63	420.60	27
	28	419.86	419.82	419.78	420.77	420.52	420.21	420.21	421.02	420.91	420.87-	420.60	420.96+	28
	29	419.85		419.77	420.77	420.51	420.20	420.21	421.01	420.89	420.88	420.58	420.82	29
	30	419.84-		419.77	420.97+	420.44	420.19-	420.24	421.00	420.88	420.89	420.54-	420.72	30
31	419.84-		419.75	420.41-			420.25	421.00	420.88	420.88		420.57	31	
Monatsmittel		419.92	419.80	419.76-	420.23	420.96	420.33	420.22	420.59	421.01+	420.99	420.73	420.46	m ü.M.
Spitze Datum		420.01 1.	419.85 1.	419.83- 1.	421.03 30.	421.51+ 17.	420.44 6.	420.30 11.	421.13 22.	421.14 16.	421.13 6.	420.86 1.	421.07 29.	m ü.M.
Amplitude		0.21	0.15-	0.16	1.33+	1.13	0.29	0.16	0.92	0.30	0.31	0.38	0.81	m
Jahr		Mittel: 420.42			Spitze: 421.51 (17.05.2005)			Minimum: 419.67 (17.03.2005)			Amplitude: 1.84			



Periode		1999 - 2005 (7 Jahre)												
Monatsmittel		420.92	420.86	420.79-	420.90	421.01+	420.94	420.83	420.83	420.82	420.90	420.92	420.87	m ü.M.
Monats-Spitze Jahr		421.91 2003	421.96 2000	421.53- 2001	422.09+ 2001	422.07 2001	422.02 2001	421.97 2001	421.84 2001	421.73 2001	421.73 2001	421.87 2002	421.92 2002	m ü.M.
Monats-Minimum Jahr		419.80 2004	419.70 2005	419.67- 2005	419.70 2005	420.19+ 2004	420.15 2005	420.12 2003	419.94 2003	419.77 2003	419.75 2003	419.74 2003	419.74 2003	m ü.M.
Monats-Amplitude Jahr		0.93 2004	0.64 2000	0.67 2001	1.33+ 2005	1.13 2005	1.08 2000	0.37- 2000	0.92 2005	0.48 2002	0.38 2002	0.47 2002	0.81 2005	m
Periode		Mittel: 420.88			Spitze: 422.09 (29.04.2001)			Minimum: 419.67 (17.03.2005)			Amplitude: 2.42			

