

Grundwasserstände



Rheintal

Muttentz

Abstichpunkt:

OK Terrain:

21.J.89

278.84

279.12

Lutzertstrasse OM1

m ü.M.

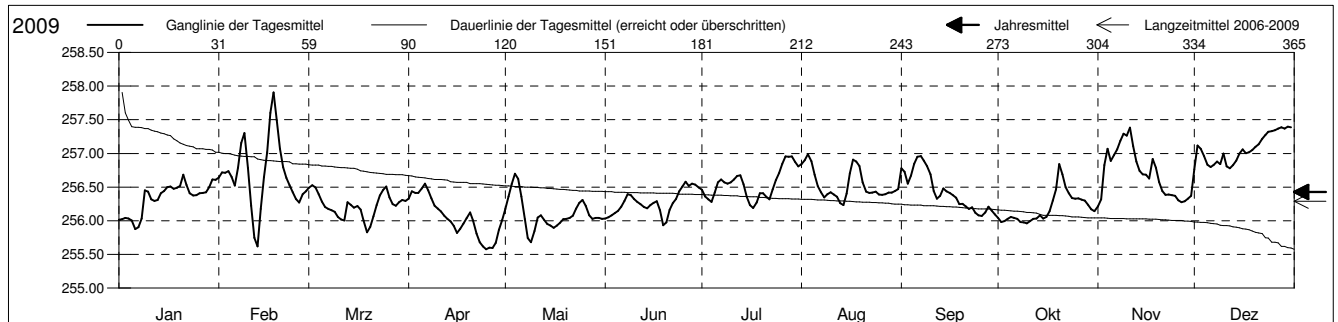
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

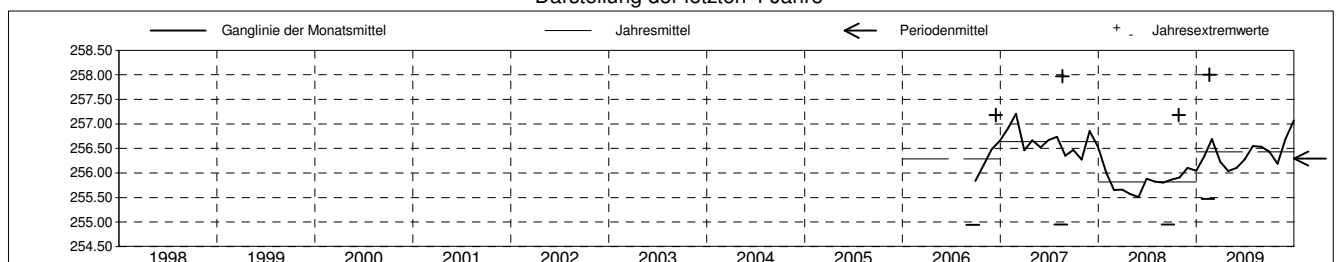
Koordinaten: 614365.00 / 264925.50

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	256.01	256.64	256.49	256.33	256.17	256.03	256.46	256.84	256.78	256.04	256.21 -	256.76 -	1
2	256.02	256.72	256.53 +	256.44	256.36	256.05	256.36	256.90	256.73	255.98	256.32	257.12	2
3	256.04	256.71	256.49	256.42	256.55	256.08	256.32	256.99 +	256.55	256.00	256.83	257.07	3
4	256.03	256.74	256.39	256.42	256.70 +	256.11	256.28	256.88	256.67	256.03	257.07	256.96	4
5	256.00	256.65	256.28	256.48	256.62	256.15	256.42	256.69	256.85	256.06	256.89	256.83	5
Tagesmittel													
6	255.88 -	256.52	256.20	256.55 +	256.36	256.21	256.57	256.51	256.95	256.04	256.98	256.80	6
7	255.90	256.79	256.17	256.45	256.02	256.30	256.61	256.42	256.96 +	256.03	257.06	256.83	7
8	256.03	257.16	256.16	256.33	255.74	256.39	256.57	256.35	256.89	255.98	257.19	256.88	8
9	256.45	257.30	256.13	256.22	255.68 -	256.38	256.55	256.39	256.81	255.97	257.29	256.84	9
10	256.43	256.79	256.05	256.18	255.85	256.32	256.57	256.42	256.69	255.96 -	257.26	257.00	10
11	256.32	256.22	256.02	256.14	256.05	256.28	256.61	256.39	256.44	256.00	257.38 +	256.81	11
12	256.30	255.75	256.00	256.07	256.08	256.24	256.67	256.36	256.33	256.03	257.11	256.78	12
13	256.31	255.62 -	256.27	256.03	256.02	256.20	256.67	256.26	256.37	256.03	256.88	256.83	13
14	256.41	256.18	256.24	255.99	255.95	256.19	256.54	256.23 -	256.48	256.08	256.74	256.89	14
Max. +	256.44	256.65	256.19	255.92	255.93	256.23	256.36	256.40	256.44	256.04	256.69	257.00	15
16	256.50	257.02	256.22	255.82	255.90	256.26	256.23	256.70	256.41	256.06	256.69	257.06	16
17	256.51	257.60	256.16	255.88	255.93	256.29	256.19 -	256.91	256.38	256.14	256.63	257.00	17
18	256.47	257.91 +	256.00	255.96	255.97	256.16	256.27	256.88	256.34	256.30	256.92	257.02	18
19	256.49	257.49	255.83 -	256.04	256.02	255.93 -	256.41	256.81	256.25	256.46	256.79	257.05	19
Min. -	256.52	257.07	255.91	256.12	256.03	255.98	256.41	256.57	256.25	256.84 +	256.58	257.10	20
21	256.69 +	256.79	256.07	256.01	256.04	256.16	256.36	256.43	256.21	256.69	256.44	257.13	21
22	256.53	256.64	256.23	255.81	256.07	256.26	256.32	256.41	256.17	256.50	256.39	257.22	22
23	256.41	256.53	256.37	255.68	256.18	256.32	256.47	256.42	256.20	256.41	256.39	257.28	23
24	256.38	256.42	256.46	255.62	256.27	256.43	256.60	256.43	256.12	256.34	256.38	257.32	24
25	256.38	256.32	256.51	255.58 -	256.31	256.51	256.71	256.39	256.08	256.33	256.37	257.33	25
26	256.41	256.27	256.34	255.60	256.22	256.58 +	256.85	256.39	256.07 -	256.33	256.30	257.35	26
27	256.41	256.39	256.25	255.60	256.08	256.52	256.95 +	256.40	256.13	256.31	256.27	257.37	27
28	256.42	256.44	256.22	255.67	256.03	256.55	256.95 +	256.42	256.21	256.30	256.29	257.39	28
29	256.50		256.27	255.86	256.04	256.54	256.95 +	256.42	256.15	256.23	256.33	257.37	29
30	256.61		256.31	256.01	256.04	256.49	256.88	256.44	256.09	256.17	256.37	257.40 +	30
31	256.61		256.30		256.03		256.81	256.47		256.14		257.39	31
Monatsmittel	256.34	256.69	256.23	256.04 -	256.10	256.27	256.55	256.53	256.43	256.19	256.70	257.07 +	
Maximum	256.73	258.00 +	256.54 -	256.57	256.73	256.60	256.97	257.01	257.01	256.95	257.44	257.42	
Datum	21.01	18.02	02.03	06.04	04.05	26.06	27.07	03.08	07.09	20.10	11.11	31.12	
Amplitude	0.88	2.53	0.73	1.00	1.07	0.70	0.79	0.78	0.94	1.00	1.28	0.95	
Jahr 2009	Mittel	256.43 m ü.M.	Maximum	258.00 (18.Feb)	Minimum	255.47 (13.Feb)	Amplitude	2.53 m					



Periode	2006 - 2009											
Monatsmittel	256.42	256.51	256.12	256.09	256.04 -	256.27	256.37	256.23	256.15	256.13	256.53	256.58 +
Maximum	257.62	258.00 +	257.11	257.24	257.12	257.37	257.36	257.97	257.01 -	257.18	257.44	257.81
Jahr	2007	2009	2007	2007	2007	2007	2007	2007	2009	2008	2007	2007
Minimum	255.42	255.31	255.17	255.16	255.04	255.50	255.30	254.95	254.94 -	255.26	255.55	255.61 +
Jahr	2008	2008	2008	2008	2008	2008	2008	2007	2006	2008	2008	2008
Amplitude	1.26	2.53	1.05 -	1.16	1.07	1.39	1.47	3.02 +	1.75	1.92	1.59	1.97
Jahr	2008	2009	2008	2008	2009	2007	2007	2007	2008	2008	2008	2007
Periode	Mittel	256.29 m ü.M.	Maximum	258.00 (18.Feb 2009)	Minimum	254.94 (19.Sep 2006)	Amplitude	3.06 m				

Darstellung der letzten 4 Jahre



Grundwassertemperatur



Rheintal

Muttenz

Abstichpunkt:

OK Terrain:

21.J.89

278.84

279.12

Lutzertstrasse OM1

m ü.M.

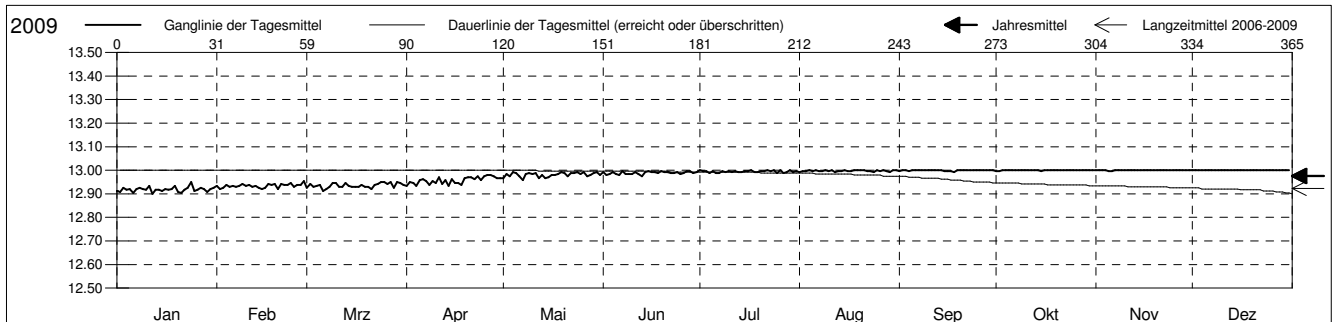
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

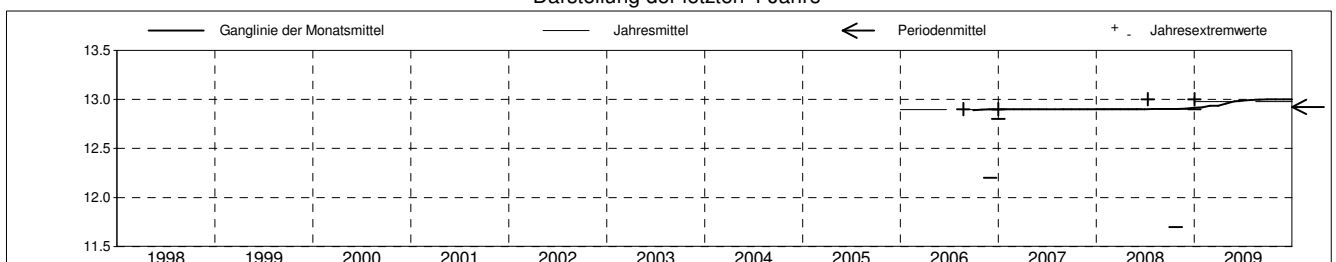
Koordinaten: 614365.00 / 264925.50

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.9 +	12.9 -	12.9 +	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	1
2	12.9 +	12.9 -	12.9 +	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	2
3	12.9 +	12.9 -	12.9 +	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	3
4	12.9 +	12.9 -	12.9 +	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	4
5	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	5
Tagesmittel													
6	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	6
7	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	7
8	12.9 +	12.9 -	12.9 +	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	8
9	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	9
10	12.9 +	12.9 -	12.9 +	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	10
11	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	11
12	12.9 +	12.9 -	12.9 +	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	12
13	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13
14	12.9 +	12.9 -	12.9 +	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	14
15	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	15
Max. +													
16	12.9 +	12.9 -	12.9 +	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	16
17	12.9 +	12.9 -	12.9 +	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	17
18	12.9 +	12.9 -	12.9 +	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	18
19	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	19
20	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	20
Min. -													
21	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	21
22	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	22
23	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	23
24	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	24
25	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	25
26	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	26
27	12.9 +	12.9 -	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	27
28	12.9 +	13.0 +	12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	28
29	12.9 +		12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	29
30	12.9 +		12.9 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	30
31	12.9 +		12.9 +		13.0 +		13.0 +	13.0 +		13.0 +		13.0 +	31
Monatsmittel	12.9 -	12.9 -	12.9 -	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	
Maximum	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	13.0 +	
Datum	01.01	01.02	01.03	01.04	01.05	01.06	01.07	01.08	01.09	01.10	01.11	01.12	
Minimum	12.9 -	12.9 -	12.9 -	12.9 -	12.9 -	12.9 -	12.9 -	12.9 -	12.9 -	12.9 -	12.9 -	13.0 +	
Datum	01.01	01.02	01.03	01.04	01.05	01.06	02.07	01.08	01.09	01.10	05.11	01.12	
Amplitude	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0 +	
Jahr 2009	Mittel	13.0 °C		Maximum	13.0 (01.Jan)		Minimum	12.9 (01.Jan)		Amplitude		0.1 °C	



2006 - 2009													
Monatsmittel	12.9 +	12.9 +	12.9 +	12.9 +	12.9 +	12.9 +	12.9 +	12.9 +	12.9 +	12.9 +	12.9 +	12.9 +	
Maximum Jahr	13.0 + 2009	13.0 + 2009	13.0 + 2009	13.0 + 2009	13.0 + 2009	13.0 + 2009	13.0 + 2008	13.0 + 2008	13.0 + 2008	13.0 + 2008	13.0 + 2008	13.0 + 2008	
Minimum Jahr	12.8 2007	12.8 2007	12.9 + 2007	12.9 + 2007	12.9 + 2007	12.9 + 2007	12.9 + 2007	12.8 2006	12.8 2006	11.7 - 2008	12.8 2006	12.2 2006	
Amplitude Jahr	0.1 - 2009	0.1 - 2009	0.1 - 2009	0.1 - 2009	0.1 - 2009	0.1 - 2009	0.1 - 2008	0.1 - 2008	0.1 - 2008	1.3 + 2008	0.1 - 2008	0.7 2006	
Periode	Mittel	12.9 °C		Maximum	13.0 (11.Jul 2008)		Minimum	11.7 (23.Okt 2008)		Amplitude		1.3 °C	

Darstellung der letzten 4 Jahre



Leitfähigkeit



Rheintal

Muttentz

Abstichpunkt:

OK Terrain:

21.J.89

278.84

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Lutzertstrasse OM1

m ü.M.

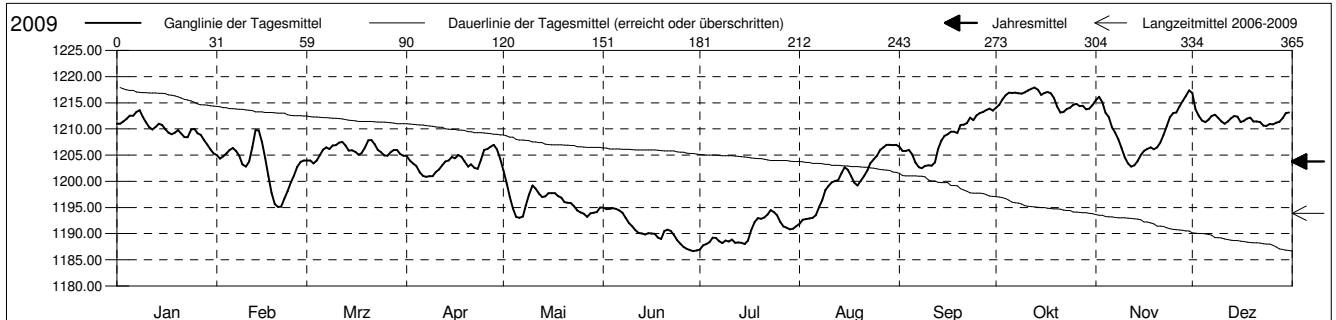
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

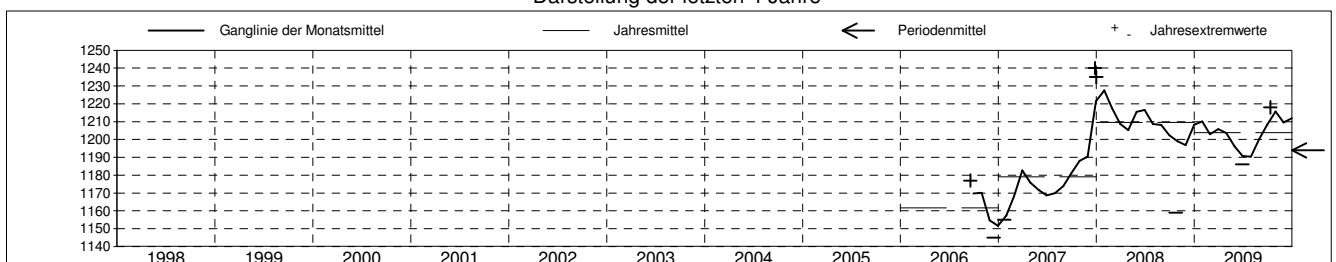
Koordinaten: 614365.00 / 264925.50

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
1	1211	1205	1204	1205	1202 +	1195 +	1187 -	1192 -	1207	1214	1216	1217 +	1	
2	1211	1204	1204	1204	1200	1195 +	1188	1193	1206	1215	1216	1214	2	
3	1211	1205	1203 -	1203	1197	1195 +	1188	1193	1206	1216	1215	1213	3	
4	1212	1205	1204	1203	1195	1195 +	1188	1193	1206	1216	1213	1212	4	
5	1213	1206	1205	1202	1193 -	1195 +	1189	1193	1205	1217	1212	1211 -	5	
Tagesmittel	6	1213	1206	1206	1201 -	1193 -	1194	1189	1194	1204	1217	1210	1212	6
7	1213	1206	1207	1201 -	1193 -	1194	1189	1195	1203 -	1217	1209	1213	7	
8	1214 +	1205	1206	1201 -	1195	1193	1188	1196	1203 -	1217	1208	1213	8	
9	1212	1203	1207	1201 -	1197	1192	1189	1198	1203 -	1217	1206	1212	9	
10	1211	1203	1207	1202	1199	1191	1189	1199	1203 -	1217	1205	1211 -	10	
11	1210	1204	1207	1202	1199	1191	1189	1200	1203 -	1217	1203 -	1211 -	11	
12	1210	1207	1208 +	1203	1198	1190	1188	1200	1204	1218 +	1203 -	1211 -	12	
13	1210	1210 +	1207	1204	1197	1190	1188	1200	1206	1218 +	1203 -	1212	13	
14	1211	1210 +	1206	1204	1197	1190	1188	1202	1208	1218 +	1204	1212	14	
Max. +	15	1211	1208	1206	1205	1198	1190	1188	1203	1209	1217	1205	1212	15
16	1210	1204	1206	1204	1198	1190	1189	1202	1209	1217	1206	1211 -	16	
17	1209	1201	1205	1205	1198	1190	1191	1201	1209	1217	1206	1212	17	
18	1209	1198	1205	1205	1197	1189	1192	1200	1210	1217	1207	1212	18	
19	1209	1196	1207	1204	1197	1189	1193	1199	1209	1216	1206	1212	19	
Min. -	20	1210	1195 -	1208 +	1203	1196	1191	1193	1200	1211	1214	1207	1211 -	20
21	1209	1195 -	1208 +	1203	1196	1191	1193	1201	1211	1213 -	1207	1211 -	21	
22	1208	1197	1207	1203	1196	1191	1194	1202	1211	1213 -	1209	1211 -	22	
23	1208	1198	1206	1202	1195	1190	1195 +	1203	1212	1214	1211	1211 -	23	
24	1210	1200	1206	1204	1194	1189	1194	1204	1212	1214	1212	1211 -	24	
25	1210	1201	1205	1206	1194	1188	1194	1205	1213	1215	1213	1211 -	25	
26	1209	1203	1205	1206	1194	1187 -	1192	1206	1213	1215	1213	1211 -	26	
27	1209	1204	1206	1207 +	1193 -	1187 -	1191	1206	1213	1214	1214	1211 -	27	
28	1208	1204	1206	1207 +	1194	1187 -	1191	1207 +	1214 +	1214	1215	1211 -	28	
29	1207		1206	1206	1194	1187 -	1191	1207 +	1214 +	1214	1216	1212	29	
30	1206		1205	1204	1194	1187 -	1191	1207 +	1214 +	1214	1217 +	1213	30	
31	1205 -		1205		1195		1191	1207 +		1215		1213	31	
Monatsmittel	1210	1203	1206	1204	1196	1191	1190 -	1200	1208	1216 +	1210	1212		
Maximum	1214	1211	1208	1207	1204	1195 -	1195 -	1207	1215	1218 +	1218 +	1218 +		
Datum	07.01	13.02	11.03	26.04	01.05	01.06	23.07	26.08	29.09	11.10	30.11	01.12		
Minimum	1205	1194	1203	1200	1192	1186 -	1186 -	1191	1202	1213 +	1202	1210		
Datum	31.01	21.02	02.03	07.04	07.05	28.06	01.07	01.08	07.09	20.10	12.11	11.12		
Amplitude	9	17	5	7	12	9	9	16	13	5	16	8		
Jahr 2009	Mittel	1204		Maximum	1218 (11.Okt)		Minimum	1186 (28.Jun)		Amplitude	32			



Periode	2006 - 2009											
Monatsmittel	1198	1196	1199 +	1195	1194	1192	1190	1194	1190	1193	1188 -	1198
Maximum	1235	1220	1214	1209 -	1223	1222	1213	1213	1215	1218	1218	1240 +
Jahr	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2007
Minimum	1155	1158	1179 +	1170	1169	1163	1165	1160	1166	1159	1152	1145 -
Jahr	2007	2007	2007	2007	2007	2007	2007	2006	2006	2008	2006	2006
Amplitude	21	22	15	11 -	15	13	18	21	13	54 +	31	42
Jahr	2008	2007	2007	2007	2008	2008	2007	2007	2009	2008	2008	2007
Periode	Mittel	1194		Maximum	1240 (27.Dez 2007)		Minimum	1145 (14.Dez 2006)		Amplitude	95	

Darstellung der letzten 4 Jahre



Grundwasserspiegel im Rheintal

Station 21.J.89 MuttENZ

OPK 209438

Lutzertstrasse (OM1)

Koordinaten: 614'365.0 / 264'925.5

Messwerte: Grundwasserspiegel

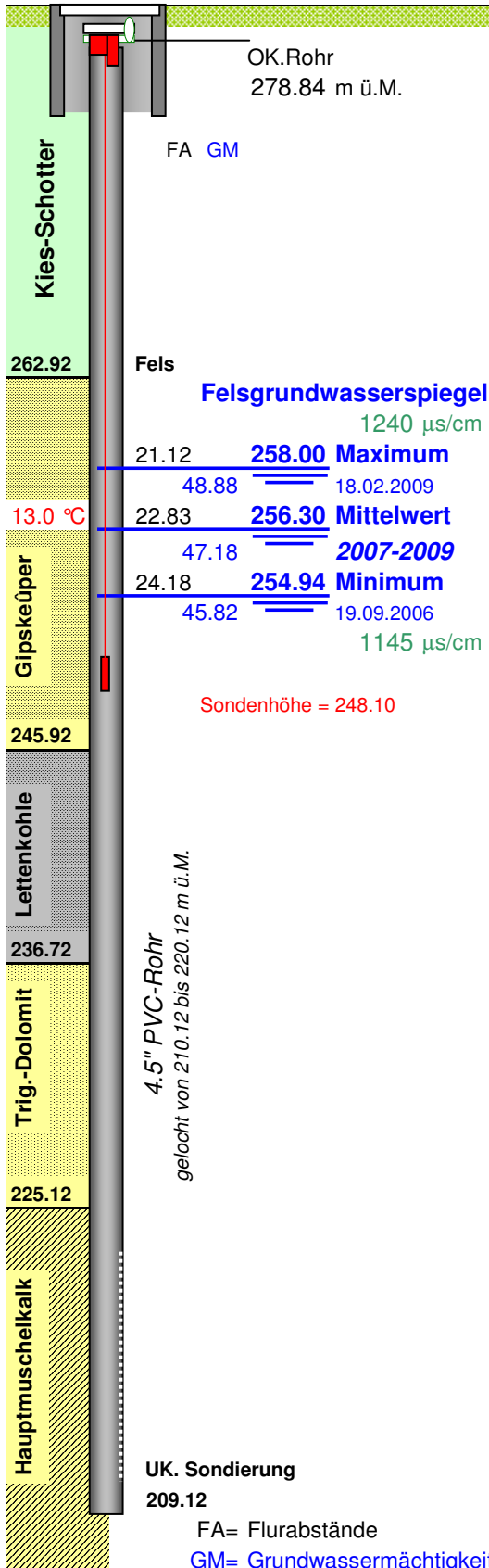
Temperatur

Leitfähigkeit

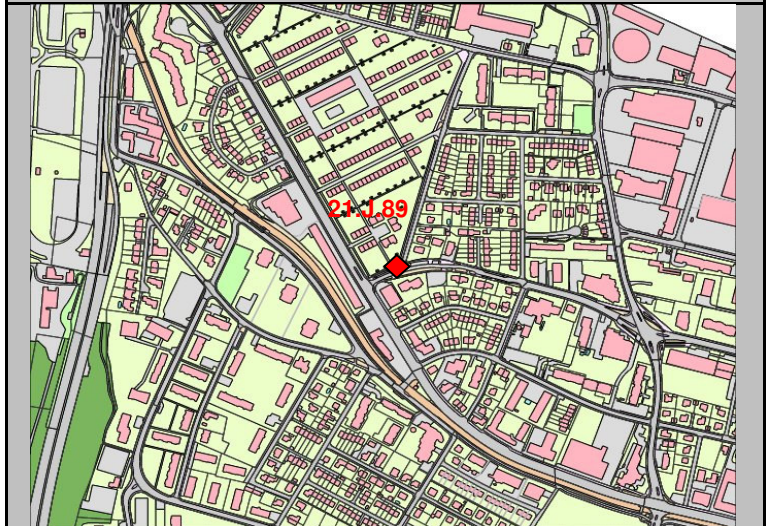
OK. Terrain
279.12 m ü.M.

OK.Rohr
278.84 m ü.M.

FA GM



Kartenausschnitt MuttENZ



Situationsplan MuttENZ

