

Grundwasserstände



Birstal

Muttentz

Abstichpunkt:

OK Terrain:

21.J.01

277.24

276.28

Asprain

m ü.M.

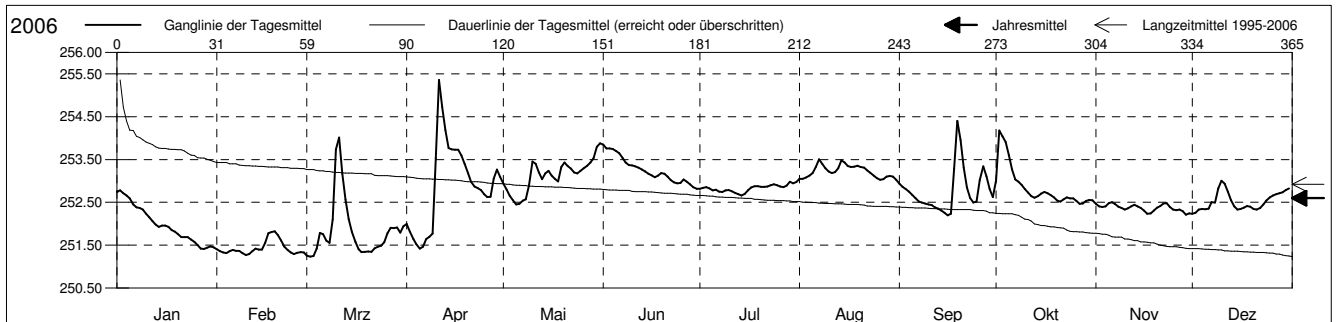
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

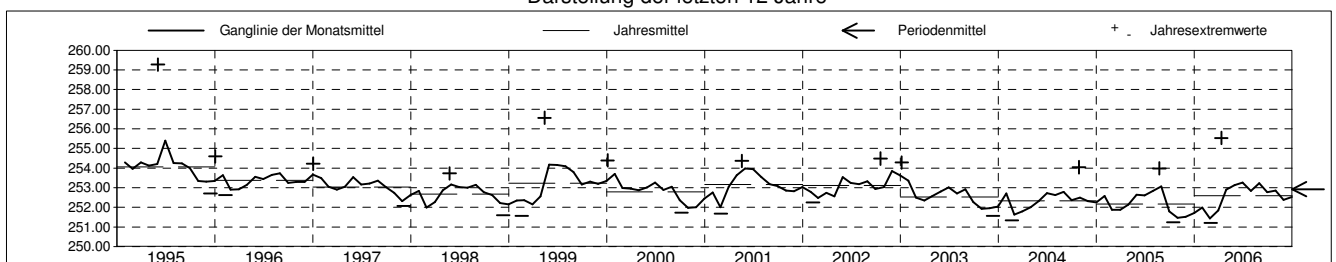
Koordinaten: 614004.13 / 263348.53

2006	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
1	252.75	251.40	251.25	251.99	252.94	253.85 +	252.82	253.05	252.94	253.02	252.47	252.24 -	1	
2	252.78 +	251.36	251.23 -	251.82	252.80	253.76	252.84	253.05	252.86	254.17 +	252.41	252.26	2	
3	252.71	251.33	251.25	251.65	252.66	253.76	252.85	253.08	252.81	254.04	252.39	252.33	3	
4	252.66	251.31	251.42	251.52	252.55	253.75	252.83	253.12	252.75	253.91	252.41	252.35	4	
5	252.59	251.36	251.79	251.42 -	252.45 -	253.70	252.78	253.18	252.67	253.60	252.48	252.34	5	
Tagesmittel	6	252.45	251.39	251.76	251.46	252.46	253.64	252.79	253.33	252.60	253.27	252.50 +	252.35	6
7	252.38	251.36	251.61	251.64	252.54	253.54	252.75	253.51 +	252.52	253.04	252.46	252.50	7	
8	252.37	251.37	251.56	251.69	252.57	253.43	252.74	253.40	252.49	252.98	252.40	252.49	8	
9	252.33	251.32	252.10	251.77	252.89	253.37	252.78	253.29	252.47	252.91	252.37	252.82	9	
10	252.24	251.27 -	253.74	253.54	253.45	253.36	252.79	253.22	252.45	252.81	252.33	253.00 +	10	
11	252.15	251.29	254.01 +	255.36 +	253.40	253.34	252.76	253.18	252.43	252.73	252.36	252.94	11	
12	252.06	251.36	253.17	254.72	253.20	253.31	252.72	253.20	252.38	252.65	252.41	252.75	12	
13	251.98	251.42	252.56	254.19	253.04	253.27	252.69	253.29	252.35	252.61	252.44	252.55	13	
14	251.93	251.39	252.11	253.76	253.18	253.22	252.66 -	253.48	252.31	252.65	252.40	252.40	14	
Max. +	15	251.96	251.40	251.80	253.73	253.24	253.17	252.70	253.43	252.25	252.70	252.37	252.33	15
16	251.96	251.56	251.58	253.73	253.13	253.13	252.78	253.35	252.19 -	252.74	252.31	252.35	16	
17	251.93	251.78	251.41	253.73	253.05	253.09	252.85	253.32	252.23	252.71	252.24	252.38	17	
18	251.85	251.81	251.34	253.60	252.99	253.12	252.87	253.33	253.29	252.67	252.24	252.41	18	
19	251.82	251.82 +	251.34	253.40	253.33	253.19	252.88	253.36	254.40 +	252.61	252.31	252.40	19	
Min. -	20	251.76	251.73	251.36	253.18	253.43	253.17	252.86	253.32	253.96	252.54	252.38	252.35	20
21	251.69	251.60	251.35	252.98	253.35	253.10	252.86	253.31	253.31	252.52	252.41	252.33	21	
22	251.69	251.46	251.43	252.87	253.29	253.02	252.87	253.25	252.85	252.57	252.48	252.37	22	
23	251.69	251.39	251.46	252.84	253.20	252.97	252.90	253.19	252.60	252.61	252.48	252.45	23	
24	251.63	251.33	251.48	252.78	253.18	252.94	252.92	253.12	252.49	252.59	252.39	252.54	24	
25	251.58	251.30	251.57	252.69	253.24	252.95	252.90	253.06	252.52	252.59	252.33	252.62	25	
26	251.50	251.32	251.78	252.62	253.29	253.03	252.87	253.03 -	253.02	252.54	252.31	252.66	26	
27	251.42	251.34	251.91	252.63	253.36	252.98	252.86	253.04	253.34	252.46 -	252.34	252.69	27	
28	251.41 -	251.33	251.90	253.06	253.43	252.92	252.89	253.10	253.11	252.48	252.29	252.72	28	
29	251.44		251.91	253.26	253.53	252.86	252.98 +	253.12	252.81	252.53	252.21 -	252.74	29	
30	251.48		251.79	253.10	253.79	252.82 -	252.94	253.10	252.62	252.56	252.24	252.79	30	
31	251.45		251.94		253.88 +		252.97	253.03 -		252.55		252.83	31	
Monatsmittel	251.99	251.43 -	251.84	252.89	253.12	253.26 +	252.83	253.22	252.77	252.85	252.37	252.53		
Maximum	252.81	251.84 -	254.22	255.53 +	253.89	253.89	253.04	253.53	254.43	254.30	252.51	253.01		
Datum	01.01	19.02	11.03	11.04	31.05	01.06	31.07	07.08	19.09	02.10	01.11	10.12		
Amplitude	1.41	0.58	3.01	4.13	1.45	1.08	0.38	0.55	2.25	1.85	0.32	0.78		
Jahr 2006	Mittel	252.60 m ü.M.		Maximum	255.53 (11.Apr)		Minimum	251.21 (02.Mrz)		Amplitude	4.32 m			



Periode	1995 - 2006											
Monatsmittel	253.04	252.43 -	252.59	252.87	253.34	253.44 +	253.23	253.31	252.81	252.66	252.59	252.73
Maximum	254.66	254.44	254.74	255.53	256.56	259.27 +	254.80	254.38 -	254.43	254.48	254.39	255.15
Jahr	1995	1999	1995	2006	1999	1995	1999	1995	2006	2002	1995	1995
Minimum	251.40	251.26	251.21 -	251.40	251.85	252.42 +	252.33	252.29	251.30	251.24	251.39	251.34
Jahr	2006	2006	2006	2006	2004	2004	2004	2005	2005	2005	2005	2005
Amplitude	2.01	2.87	3.01	4.13	4.00	5.04 +	1.27 -	1.69	2.25	2.03	1.59	2.45
Jahr	2004	1999	2006	2006	1999	1995	1996	2005	2006	2002	2002	1995
Periode	Mittel	252.92 m ü.M.		Maximum	259.27 (02.Jun 1995)		Minimum	251.21 (02.Mrz 2006)		Amplitude	8.06 m	

Darstellung der letzten 12 Jahre



Grundwassertemperatur



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Abstichpunkt:

OK Terrain:

21.J.01

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Asprain

m ü.M.

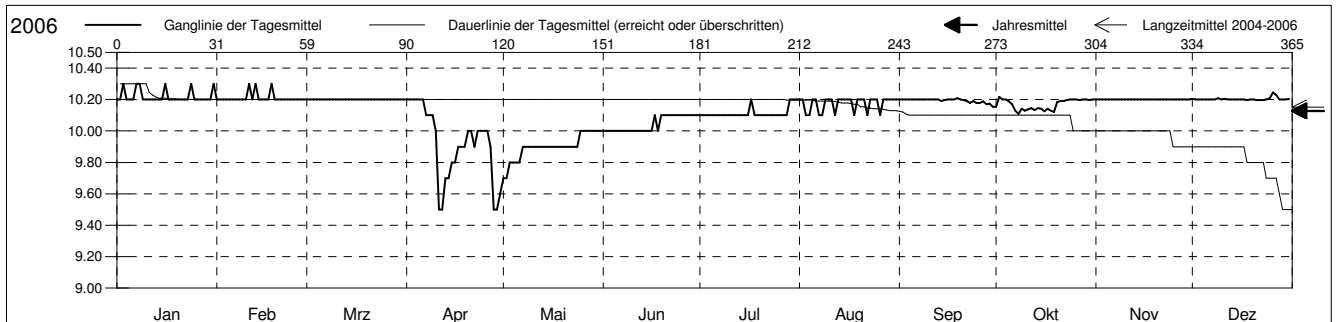
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

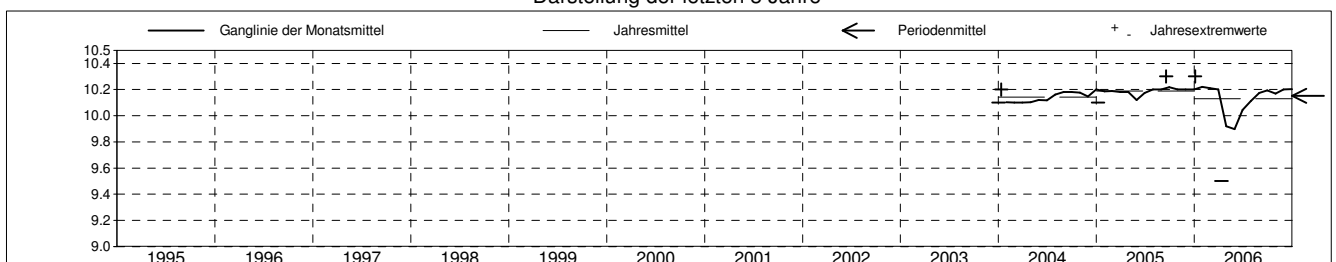
Koordinaten: 614004.13 / 263348.53

2006	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	10.2 -	10.2 -	10.2 +	10.2 +	9.7 -	10.0 -	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	1
2	10.2 -	10.2 -	10.2 +	10.2 +	9.7 -	10.0 -	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	2
3	10.3 +	10.2 -	10.2 +	10.2 +	9.8	10.0 -	10.1 -	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	3
4	10.2 -	10.2 -	10.2 +	10.2 +	9.8	10.0 -	10.1 -	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	4
5	10.2 -	10.2 -	10.2 +	10.2 +	9.8	10.0 -	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	5
Tagesmittel													
6	10.2 -	10.2 -	10.2 +	10.2 +	9.8	10.0 -	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	6
7	10.3 +	10.2 -	10.2 +	10.1	9.9	10.0 -	10.1 -	10.1 -	10.2 +	10.1 -	10.2 +	10.2 +	7
8	10.3 +	10.2 -	10.2 +	10.1	9.9	10.0 -	10.1 -	10.1 -	10.2 +	10.1 -	10.2 +	10.2 +	8
9	10.2 -	10.2 -	10.2 +	10.1	9.9	10.0 -	10.1 -	10.2 +	10.2 +	10.1 -	10.2 +	10.2 +	9
10	10.2 -	10.2 -	10.2 +	10.0	9.9	10.0 -	10.1 -	10.2 +	10.2 +	10.1 -	10.2 +	10.2 +	10
11	10.2 -	10.3 +	10.2 +	9.5 -	9.9	10.0 -	10.1 -	10.2 +	10.2 +	10.1 -	10.2 +	10.2 +	11
12	10.2 -	10.2 -	10.2 +	9.5 -	9.9	10.0 -	10.1 -	10.1 -	10.2 +	10.1 -	10.2 +	10.2 +	12
13	10.2 -	10.3 +	10.2 +	9.7	9.9	10.0 -	10.1 -	10.2 +	10.2 +	10.1 -	10.2 +	10.2 +	13
14	10.2 -	10.2 -	10.2 +	9.7	9.9	10.0 -	10.1 -	10.2 +	10.2 +	10.1 -	10.2 +	10.2 +	14
15	10.2 -	10.2 -	10.2 +	9.8	9.9	10.0 -	10.1 -	10.2 +	10.2 +	10.1 -	10.2 +	10.2 +	15
Max. +													
16	10.3 +	10.2 -	10.2 +	9.8	9.9	10.0 -	10.1 -	10.2 +	10.2 +	10.1 -	10.2 +	10.2 +	16
17	10.2 -	10.2 -	10.2 +	9.9	9.9	10.1 +	10.2 +	10.2 +	10.2 +	10.1 -	10.2 +	10.2 +	17
18	10.2 -	10.3 +	10.2 +	9.9	9.9	10.0 -	10.1 -	10.1 -	10.2 +	10.1 -	10.2 +	10.2 +	18
19	10.2 -	10.2 -	10.2 +	9.9	9.9	10.1 +	10.1 -	10.2 +	10.2 +	10.1 -	10.2 +	10.2 +	19
20	10.2 -	10.2 -	10.2 +	10.0	9.9	10.1 +	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	20
Min. -													
21	10.2 -	10.2 -	10.2 +	10.0	9.9	10.1 +	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	21
22	10.2 -	10.2 -	10.2 +	9.9	9.9	10.1 +	10.1 -	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	22
23	10.2 -	10.2 -	10.2 +	10.0	9.9	10.1 +	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	23
24	10.3 +	10.2 -	10.2 +	10.0	9.9	10.1 +	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	24
25	10.2 -	10.2 -	10.2 +	10.0	10.0 +	10.1 +	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	25
26	10.2 -	10.2 -	10.2 +	10.0	10.0 +	10.1 +	10.1 -	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	26
27	10.2 -	10.2 -	10.2 +	9.9	10.0 +	10.1 +	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	27
28	10.2 -	10.2 -	10.2 +	9.5 -	10.0 +	10.1 +	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	28
29	10.2 -		10.2 +	9.5 -	10.0 +	10.1 +	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	29
30	10.2 -		10.2 +	9.6	10.0 +	10.1 +	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	30
31	10.3 +		10.2 +		10.0 +		10.2 +	10.2 +		10.2 +		10.2 +	31
Monatsmittel	10.2 +	10.2 +	10.2 +	9.9 -	9.9 -	10.0	10.1	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	
Maximum	10.3 +	10.3 +	10.2	10.2	10.0 -	10.1	10.2	10.2	10.3 +	10.3 +	10.2	10.3 +	
Datum	03.01	11.02	01.03	01.04	25.05	17.06	17.07	01.08	18.09	02.10	01.11	01.12	
Minimum	10.2 +	10.2 +	10.2 +	9.5 -	9.7	10.0	10.1	10.1	10.1	10.1	10.2 +	10.1	
Datum	01.01	01.02	01.03	11.04	01.05	01.06	01.07	03.08	14.09	01.10	01.11	18.12	
Amplitude	0.1	0.1	0.0 +	0.7	0.3	0.1	0.1	0.1	0.2	0.2	0.0 +	0.2	
Jahr 2006	Mittel	10.1 °C		Maximum	10.3 (03.Jan)		Minimum	9.5 (11.Apr)		Amplitude		0.8 °C	



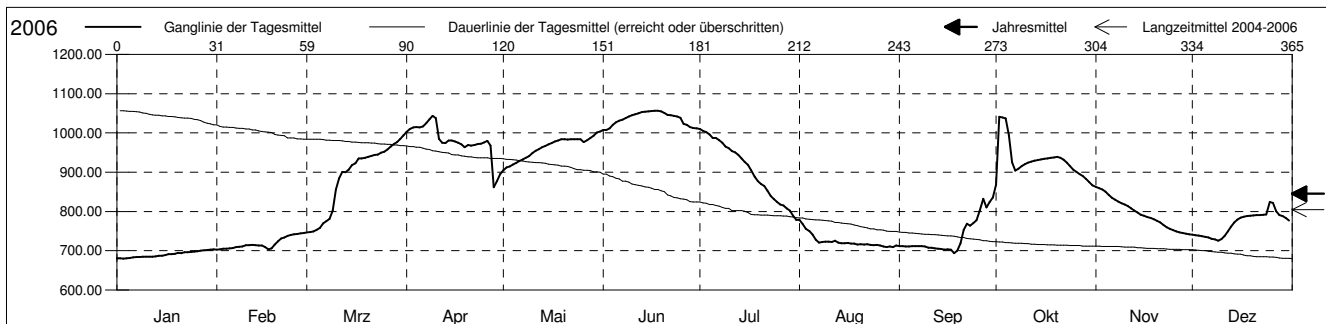
2004 - 2006												
Monatsmittel	10.2 +	10.2 +	10.2 +	10.1	10.0 -	10.1	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +
Maximum Jahr	10.3 + 2006	10.3 + 2006	10.2 - 2005	10.2 - 2004	10.2 - 2004	10.2 - 2004	10.2 - 2004	10.2 - 2004	10.3 + 2005	10.3 + 2006	10.2 - 2004	10.3 + 2006
Minimum Jahr	10.1 + 2004	10.1 + 2004	10.1 + 2004	9.5 - 2006	9.7 2006	10.0 2006	10.1 + 2004	10.1 + 2004	10.1 + 2004	10.1 + 2004	10.1 + 2004	10.1 + 2006
Amplitude Jahr	0.1 - 2006	0.1 - 2006	0.1 - 2005	0.7 + 2006	0.3 2006	0.1 - 2006	0.1 - 2004	0.1 - 2004	0.2 2006	0.2 2006	0.1 - 2004	0.2 2006
Periode	Mittel	10.2 °C		Maximum	10.3 (17.Sep 2005)		Minimum	9.5 (11.Apr 2006)		Amplitude		0.8 °C

Darstellung der letzten 3 Jahre



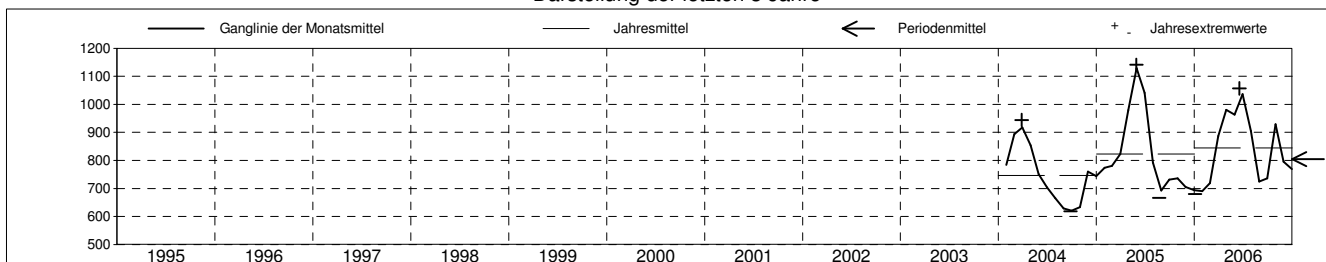


2006	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	681	703 -	747 -	1003	905 -	1008 -	1010 +	779 +	712	868	863 +	741	1
2	681	704	748	1010	912	1008 -	1005	768	712	1041 +	859	740	2
3	680 -	705	749	1014	915	1012	1002	756	711	1039	856	739	3
4	681	705	753	1015	920	1021	996	750	711	1037	851	737	4
5	682	706	758	1014	924	1027	987	741	712	995	843	735	5
Tagesmittel	683	707	770	1017	929	1031	987	728	712	925	835	734	6
6	684	709	775	1025	933	1034	982	721	712	904	830	731	7
7	684	710	781	1035	937	1038	975	722	712	909	825	729	8
8	685	711	802	1044 +	941	1042	965	723	711	915	821	726 -	9
9	685	714	856	1038	949	1045	961	723	708	920	818	730	10
10	685	714	856	1038	949	1045	961	723	708	920	818	730	10
11	685	714	885	985	955	1048	954	722	708	925	813	738	11
12	685	715	901	975	959	1050	951	726	706	927	808	750	12
13	686	714	900	974	964	1053	944	721	705	929	802	762	13
14	687	713	907	981	967	1054	935	719	705	931	797	772	14
15	687	713	918	981	971	1055	926	719	703	933	792	780	15
Max. +	689	709	923	978	974	1056	919	720	704	934	789	784	16
16	691	704	935	975	978	1057 +	905	718	703	935	786	786	17
17	691	706	935	971	981	1057 +	889	718	694 -	936	784	788	18
18	692	716	937	964	984	1055	877	716	701	938	781	789	19
19	692	716	937	964	984	1055	877	716	701	938	781	789	19
20	695	724	939	969	984	1051	870	717	719	939	776	790	20
Min. -	694	731	942	968	983	1046	865	716	753	937	772	791	21
21	696	734	944	969	984	1045	853	717	769	932	766	791	22
22	696	738	945	972	984	1044	840	715	764	925	760	792	23
23	696	738	945	972	984	1044	840	715	764	925	760	792	23
24	697	740	950	973	984	1042	832	714	771	915	756	793	24
25	698	742	952	976	984	1039	824	715	778	906	752	824 +	25
26	699	743	958	980	977	1023	818	713	802	901	749	822	26
27	700	744	965	968	982	1021	815	711	833	896	747	801	27
28	701	745 +	972	862 -	987	1015	808	709 -	811	890	745	791	28
29	702		977	877	993	1013	802	711	824	883	744	789	29
30	703		985	895	1001	1012	789	709 -	836 +	875	742 -	784	30
31	704 +		994 +		1004 +		779 -	713		867 -		777	31
Monatsmittel	690 -	719	887	980	963	1037 +	905	724	737	929	795	769	
Maximum	704 -	745	994	1044	1004	1057 +	1010	779	852	1043	869	840	
Datum	31.01	28.02	31.03	09.04	31.05	17.06	01.07	01.08	27.09	02.10	01.11	25.12	
Minimum	680 -	703	747	862	905	1008 +	779	709	682	841	738	722	
Datum	03.01	01.02	01.03	28.04	01.05	01.06	31.07	28.08	18.09	01.10	30.11	09.12	
Amplitude	24	42	247	182	99	49	231	70	170	202	131	118	
Jahr 2006	Mittel	845 µs/cm	Maximum	1057 (17.Jun)	Minimum	680 (03.Jan)	Amplitude	377 µs/cm					



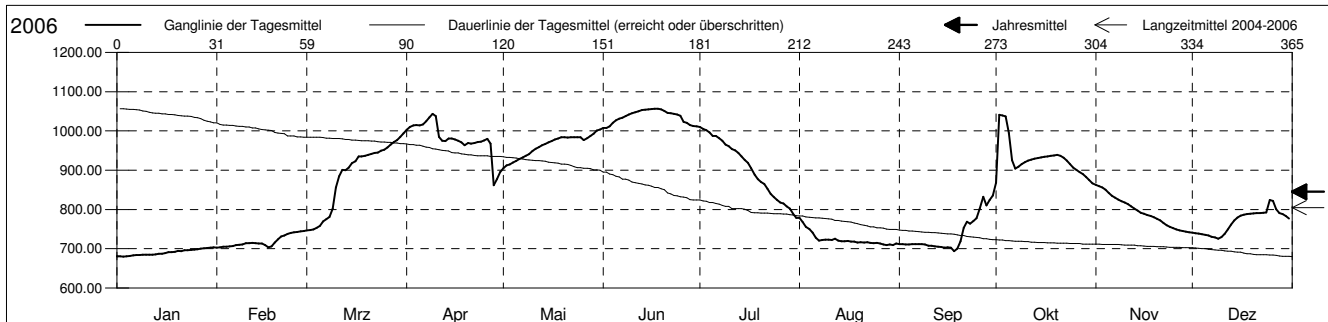
Periode	2004 - 2006											
Monatsmittel	750	798	875	938	948 +	927	787	682 -	697	766	754	735
Maximum	877	903	994	1116	1141 +	1141 +	1010	779 -	852	1043	869	840
Jahr	2004	2004	2006	2005	2005	2005	2006	2006	2006	2006	2006	2006
Minimum	680	703	747	809 +	696	684	638	623	619 -	619 -	691	685
Jahr	2006	2006	2006	2004	2004	2004	2004	2004	2004	2004	2005	2006
Amplitude	158	42 -	247 +	214	109	239	231	70	170	202	131	118
Jahr	2004	2005	2006	2005	2004	2005	2006	2006	2006	2006	2006	2006
Periode	Mittel	805 µs/cm	Maximum	1141 (29.Mai 2005)	Minimum	619 (25.Sep 2004)	Amplitude	522 µs/cm				

Darstellung der letzten 3 Jahre



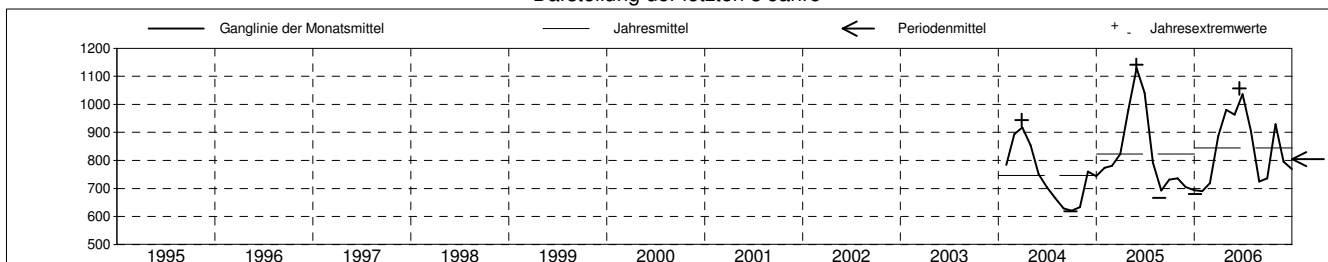


2006	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	681	703 -	747 -	1003	905 -	1008 -	1010 +	779 +	712	868	863 +	741	1
2	681	704	748	1010	912	1008 -	1005	768	712	1041 +	859	740	2
3	680 -	705	749	1014	915	1012	1002	756	711	1039	856	739	3
4	681	705	753	1015	920	1021	996	750	711	1037	851	737	4
5	682	706	758	1014	924	1027	987	741	712	995	843	735	5
Tagesmittel	683	707	770	1017	929	1031	987	728	712	925	835	734	6
6	684	709	775	1025	933	1034	982	721	712	904	830	731	7
7	684	710	781	1035	937	1038	975	722	712	909	825	729	8
8	685	711	802	1044 +	941	1042	965	723	711	915	821	726 -	9
9	685	714	856	1038	949	1045	961	723	708	920	818	730	10
10	685	714	856	1038	949	1045	961	723	708	920	818	730	10
11	685	714	885	985	955	1048	954	722	708	925	813	738	11
12	685	715	901	975	959	1050	951	726	706	927	808	750	12
13	686	714	900	974	964	1053	944	721	705	929	802	762	13
14	687	713	907	981	967	1054	935	719	705	931	797	772	14
15	687	713	918	981	971	1055	926	719	703	933	792	780	15
Max. +	689	709	923	978	974	1056	919	720	704	934	789	784	16
16	691	704	935	975	978	1057 +	905	718	703	935	786	786	17
17	691	706	935	971	981	1057 +	889	718	694 -	936	784	788	18
18	692	716	937	964	984	1055	877	716	701	938	781	789	19
19	695	724	939	969	984	1051	870	717	719	939	776	790	20
Min. -	694	731	942	968	983	1046	865	716	753	937	772	791	21
21	696	734	944	969	984	1045	853	717	769	932	766	791	22
22	696	738	945	972	984	1044	840	715	764	925	760	792	23
23	697	740	950	973	984	1042	832	714	771	915	756	793	24
24	698	742	952	976	984	1039	824	715	778	906	752	824 +	25
25	699	743	958	980	977	1023	818	713	802	901	749	822	26
26	700	744	965	968	982	1021	815	711	833	896	747	801	27
27	701	745 +	972	862 -	987	1015	808	709 -	811	890	745	791	28
28	702		977	877	993	1013	802	711	824	883	744	789	29
29	703		985	895	1001	1012	789	709 -	836 +	875	742 -	784	30
30	704 +		994 +		1004 +		779 -	713		867 -		777	31
31	704 +		994 +		1004 +		779 -	713		867 -		777	31
Monatsmittel	690 -	719	887	980	963	1037 +	905	724	737	929	795	769	
Maximum	704 -	745	994	1044	1004	1057 +	1010	779	852	1043	869	840	
Datum	31.01	28.02	31.03	09.04	31.05	17.06	01.07	01.08	27.09	02.10	01.11	25.12	
Minimum	680 -	703	747	862	905	1008 +	779	709	682	841	738	722	
Datum	03.01	01.02	01.03	28.04	01.05	01.06	31.07	28.08	18.09	01.10	30.11	09.12	
Amplitude	24	42	247	182	99	49	231	70	170	202	131	118	
Jahr 2006	Mittel	845 µs/cm	Maximum	1057 (17.Jun)	Minimum	680 (03.Jan)	Amplitude	377 µs/cm					



Periode	2004 - 2006											
Monatsmittel	750	798	875	938	948 +	927	787	682 -	697	766	754	735
Maximum	877	903	994	1116	1141 +	1141 +	1010	779 -	852	1043	869	840
Jahr	2004	2004	2006	2005	2005	2005	2006	2006	2006	2006	2006	2006
Minimum	680	703	747	809 +	696	684	638	623	619 -	619 -	691	685
Jahr	2006	2006	2006	2004	2004	2004	2004	2004	2004	2004	2005	2006
Amplitude	158	42 -	247 +	214	109	239	231	70	170	202	131	118
Jahr	2004	2005	2006	2005	2004	2005	2006	2006	2006	2006	2006	2006
Periode	Mittel	805 µs/cm	Maximum	1141 (29.Mai 2005)	Minimum	619 (25.Sep 2004)	Amplitude	522 µs/cm				

Darstellung der letzten 3 Jahre



Grundwasserspiegel im Birstal

Station 21.J.1

MuttENZ

Asprain

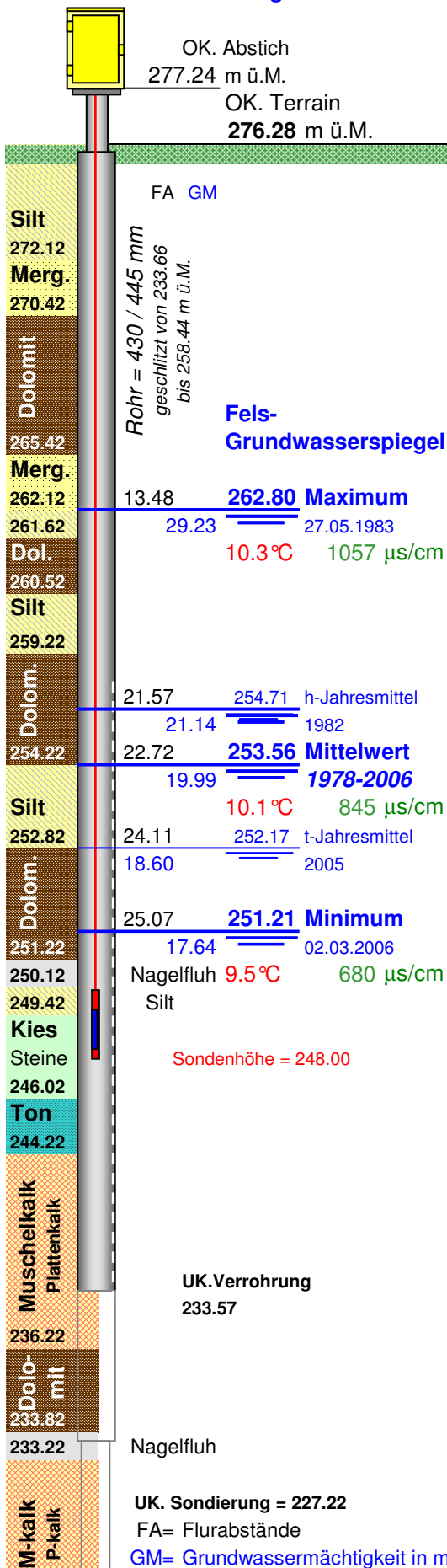
Felsgrundwasser

Koordinaten: 614'004.15 / 263'348.52

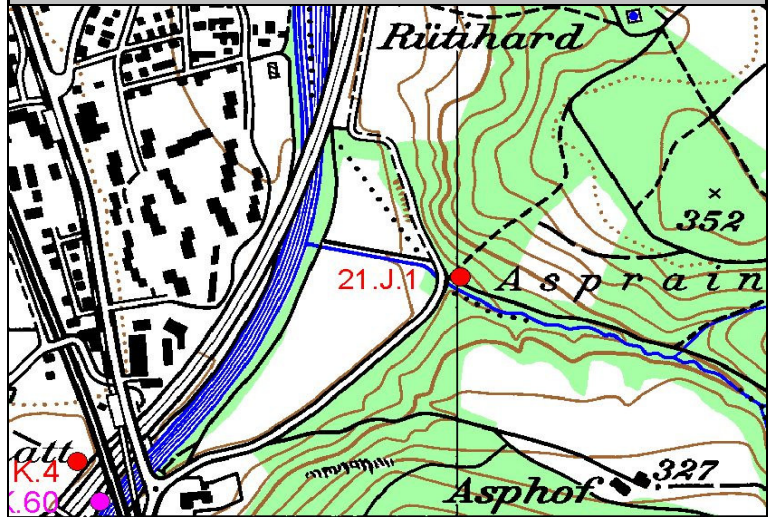
Messwerte: Grundwasserspiegel

Temperatur

Leitfähigkeit



Kartenausschnitt MuttENZ



Situationsplan MuttENZ

