

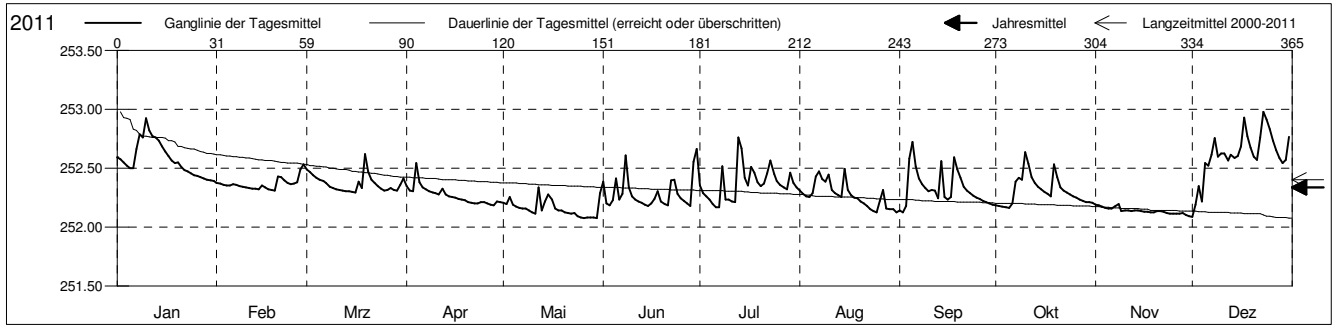
Grundwasserstände

Birstal
 Birsfelden 17.J.01 Hagnau
 Abstichpunkt: 255.96 m ü.M.
 OK Terrain: 255.09 m ü.M.

Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 613914.75 / 266003.84

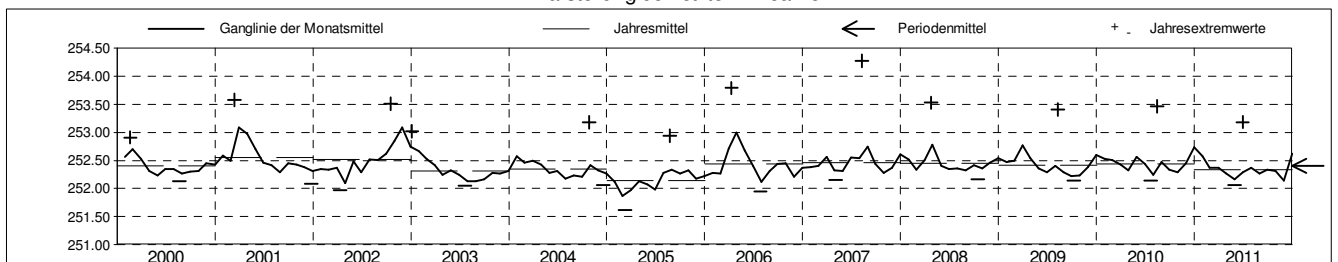
2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	252.59	252.38	252.49	252.35	252.21	252.38	252.36	252.31	252.14	252.18	252.19	252.09 -
2	252.57	252.37	252.47	252.31	252.20	252.20	252.29	252.29	252.13 -	252.18	252.18	252.19
3	252.55	252.36	252.44	252.30	252.26	252.18 -	252.26	252.26	252.18	252.18	252.18	252.35
4	252.52	252.35	252.42	252.54 +	252.19	252.23	252.23	252.26	252.58	252.17 -	252.17	252.22
5	252.50	252.35	252.40	252.38	252.18	252.42	252.20	252.29	252.72 +	252.17 -	252.16	252.54
Tagesmittel												
6	252.50	252.36	252.39	252.34	252.16	252.23	252.17 -	252.43	252.51	252.20	252.16	252.52
7	252.67	252.36	252.38	252.32	252.16	252.28	252.17 -	252.47	252.41	252.38	252.18	252.61
8	252.79	252.35	252.34	252.30	252.16	252.61	252.52	252.41	252.37	252.42	252.20 +	252.76
9	252.76	252.34	252.33	252.29	252.14	252.33	252.24	252.39	252.33	252.40	252.14	252.60
10	252.92 +	252.33	252.32	252.29	252.12	252.26	252.24	252.44	252.30	252.64 +	252.14	252.63
11	252.82	252.33	252.32	252.28	252.11	252.24	252.22	252.32	252.31	252.54	252.14	252.63
12	252.77	252.33	252.31	252.33	252.34 +	252.22	252.21	252.29	252.31	252.43	252.14	252.57
13	252.76	252.32	252.31	252.28	252.14	252.21	252.27 +	252.27	252.25	252.38	252.14	252.61
14	252.73	252.32	252.30	252.26	252.22	252.19	252.67 +	252.26	252.56	252.34	252.14	252.59
15	252.68	252.35	252.30	252.26	252.28	252.18 -	252.42	252.49 +	252.25	252.32	252.14	252.60
Max. +												
16	252.64	252.34	252.29 -	252.25	252.23	252.20	252.35	252.31	252.24	252.30	252.13	252.68
17	252.60	252.32	252.39	252.24	252.16	252.24	252.51	252.27	252.26	252.28	252.13	252.93
18	252.56	252.32	252.33	252.24	252.14	252.30	252.46	252.25	252.59	252.26	252.12	252.77
19	252.55	252.31 -	252.62 +	252.23	252.14	252.22	252.38	252.25	252.49	252.53	252.13	252.67
20	252.55	252.43	252.47	252.21	252.13	252.20	252.35	252.22	252.42	252.42	252.14	252.60
Min. -												
21	252.51	252.42	252.40	252.21	252.12	252.19	252.37	252.20	252.34	252.34	252.13	252.57
22	252.49	252.40	252.37	252.20	252.12	252.39	252.45	252.18	252.31	252.31	252.13	252.76
23	252.47	252.37	252.35	252.20	252.12	252.40	252.56	252.15	252.29	252.29	252.12	252.98 +
24	252.46	252.36	252.33	252.21	252.09	252.28	252.45	252.13	252.27	252.28	252.11	252.91
25	252.44	252.37	252.31	252.21	252.08 -	252.24	252.39	252.12 -	252.25	252.26	252.11	252.83
26	252.43	252.38	252.32	252.20	252.08 -	252.23	252.36	252.23	252.24	252.25	252.11	252.73
27	252.42	252.49	252.33	252.19	252.08 -	252.20	252.34	252.31	252.22	252.24	252.12	252.65
28	252.41	252.53 +	252.32	252.18 -	252.08 -	252.18 -	252.32	252.16	252.21	252.22	252.12	252.59
29	252.40		252.31	252.22	252.08 -	252.56	252.46	252.15	252.20	252.21	252.10	252.54
30	252.40		252.36	252.21	252.08 -	252.66 +	252.38	252.15	252.19	252.21	252.09 -	252.57
31	252.39 -		252.41		252.29		252.34	252.13		252.21		252.77
Monatsmittel	252.58	252.37	252.37	252.27	252.16	252.29	252.37	252.27	252.33	252.31	252.14 -	252.62 +
Maximum	252.98	252.56	252.84	252.80	252.91	253.18 +	253.16	252.79	252.97	252.89	252.37 -	253.02
Datum	10.01	20.02	19.03	04.04	31.05	29.06	13.07	15.08	14.09	19.10	07.11	17.12
Amplitude	0.60	0.25	0.55	0.62	0.84	1.03	1.01	0.68	0.86	0.73	0.28	0.94

Jahr 2011 Mittel 252.34 m ü.M. Maximum 253.18 (29.Jun) Minimum 252.07 (30.Mai) Amplitude 1.12 m



Periode	2000 - 2011												
Monatsmittel	252.47	252.40	252.52 +	252.45	252.38	252.33	252.32 -	252.35	252.35	252.38	252.39	252.48	
Maximum	253.26	252.94 -	253.58	253.79	253.16	253.18	253.26	254.28 +	253.52	253.51	253.40	253.46	
Jahr	2010	2003	2001	2006	2010	2011	2009	2007	2008	2002	2002	2010	
Minimum	251.73	251.66	251.61 -	251.85	251.96	251.79	251.95	252.07	252.10	252.13 +	252.09	252.06	
Jahr	2005	2005	2005	2005	2005	2005	2006	2003	2003	2003	2011	2004	
Amplitude	1.00	0.83 -	1.20	1.16	0.99	1.03	1.08	1.95 +	1.34	1.02	0.89	1.12	
Jahr	2005	2005	2001	2006	2002	2011	2009	2007	2008	2004	2010	2010	
Periode	Mittel	252.40 m ü.M.		Maximum	254.28 (09.Aug 2007)			Minimum	251.61 (10.Mrz 2005)			Amplitude	2.67 m

Darstellung der letzten 12 Jahre

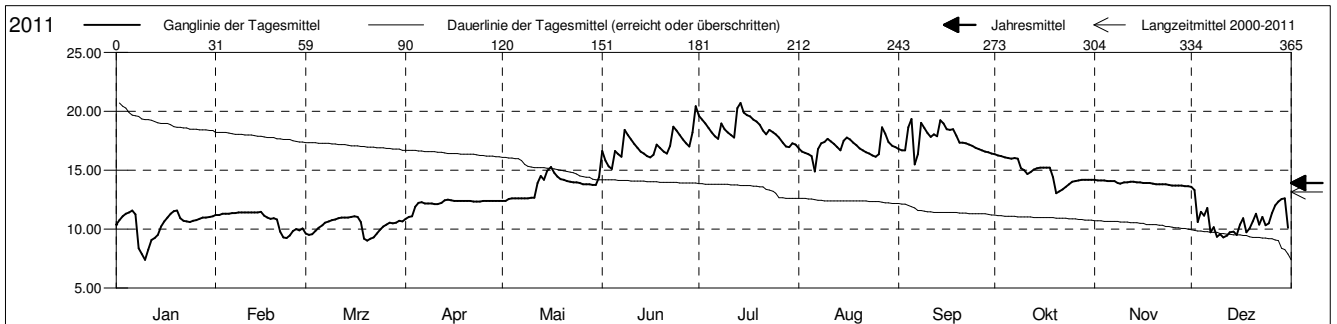


Grundwassertemperatur

Birstal
 Birsfelden 17.J.01 Hagnau
 Abstichpunkt: 255.96 m ü.M.
 OK Terrain: 255.09 m ü.M.

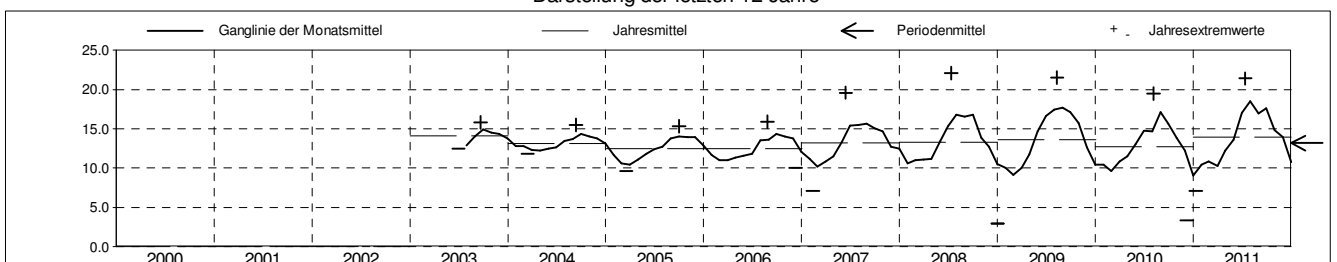
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 613914.75 / 266003.84

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	10.4	11.2	9.6	10.9 -	12.4 -	16.6	19.6	16.9	16.8	16.4 +	14.2 +	13.6 +	1
2	10.8	11.2	9.5	11.0	12.4 -	15.8	19.3	16.6	16.7	16.2	14.2 +	13.3	2
3	11.1	11.3	9.6	11.1	12.6	15.3	19.0	16.5	16.7	16.2	14.1	10.6	3
4	11.3	11.3	9.9	11.9	12.6	15.1 -	18.6	16.4	18.6	16.1	14.1	11.5	4
5	11.4	11.3	10.1	12.3	12.6	16.6	18.2	16.2	19.4 +	16.0	14.1	11.1	5
6	11.6 +	11.4	10.3	12.3	12.6	16.4	17.9	14.9 -	15.5 -	16.0	14.1	11.8	6
7	11.3	11.4	10.5	12.2	12.6	16.1	17.7	16.8	16.4	16.0	14.1	9.7	7
8	8.4	11.4	10.6	12.2	12.6	18.4	19.0	17.3	19.0	16.0	13.9	10.2	8
9	7.9	11.4	10.8	12.2	12.6	18.0	18.5	17.4	18.6	15.2	13.9	9.3 -	9
10	7.4 -	11.4	10.8	12.1	12.7	17.6	18.2	17.7	18.1	15.0	14.0	9.5	10
11	8.2	11.4	10.9	12.1	12.7	17.2	18.0	17.5	17.9	14.7	14.0	9.3 -	11
12	9.1	11.4	11.0	12.2	13.9	16.9	17.8	17.2	18.1	14.9	14.0	9.5	12
13	9.2	11.4	11.0	12.5 +	14.5	16.6	20.3	16.9	17.9	15.0	14.0	9.7	13
14	9.5	11.4	11.0	12.5 +	14.2	16.4	20.7 +	16.7	19.2	15.2	14.0	9.8	14
15	10.2	11.5 +	11.1 +	12.5 +	14.9	16.2	19.9	17.5	19.0	15.2	14.0	9.5	15
16	10.6	11.2	11.1 +	12.4	15.3 +	16.1	19.7	17.8	18.5	15.2	13.9	10.4	16
17	11.0	11.0	11.1 +	12.4	14.8	16.3	19.6	17.6	18.4	15.2	13.9	10.9	17
18	11.3	10.9	10.6	12.4	14.4	17.2	19.3	17.4	18.5	15.2	13.9	9.7	18
19	11.5	10.9	9.2	12.4	14.3	16.9	19.1	17.1	17.9	14.4	13.9	10.0	19
20	11.6 +	10.8	9.0 -	12.4	14.2	16.6	18.9	16.9	17.4	13.0 -	13.8	10.7	20
21	10.9	9.8	9.2	12.4	14.1	16.4	18.4	16.7	17.3	13.2	13.8	11.3	21
22	10.7	9.3 -	9.3	12.4	14.0	17.1	18.1	16.5	17.3	13.4	13.8	10.4	22
23	10.6	9.3 -	9.6	12.4	14.0	18.7	18.4	16.4	17.2	13.6	13.8	11.1	23
24	10.6	9.5	9.9	12.3	14.0	18.4	18.2	16.3	17.0	13.8	13.7	10.3	24
25	10.7	9.8	10.2	12.4	13.9	18.0	18.1	16.2	16.9	14.0	13.7	10.5	25
26	10.8	10.0	10.4	12.4	13.8	17.6	17.8	16.4	16.8	14.1	13.7	11.4	26
27	10.9	9.9	10.5	12.4	13.8	17.3	17.3	18.6 +	16.7	14.1	13.7	12.0	27
28	11.0	10.1	10.5	12.4	13.8	17.0	17.0 -	18.1	16.6	14.2	13.7	12.4	28
29	11.0		10.6	12.4	13.8	18.2	17.0 -	17.4	16.5	14.2	13.7	12.6	29
30	11.1		10.7	12.4	13.7	20.4 +	17.3	17.1	16.4	14.2	13.6 -	12.6	30
31	11.1		10.7		14.4		17.2	17.0		14.2		10.1	31
Monatsmittel	10.4	10.8	10.3 -	12.2	13.6	17.1	18.5 +	17.0	17.6	14.8	13.9	10.8	
Maximum	11.9	11.6	11.3 -	12.5	16.9	21.3	21.4 +	19.2	21.0	16.4	14.2	13.7	
Datum	07.01	15.02	17.03	04.04	31.05	29.06	13.07	27.08	05.09	01.10	01.11	01.12	
Minimum	7.1 -	9.2	8.3	10.8	12.4	14.7	16.7 +	14.6	14.7	12.6	13.6	7.7	
Datum	10.01	22.02	19.03	01.04	01.05	04.06	29.07	06.08	07.09	19.10	28.11	31.12	
Amplitude	4.8	2.4	3.0	1.7	4.5	6.6	4.7	4.6	6.3	3.8	0.6	6.0	
Jahr 2011	Mittel	13.9 °C		Maximum	21.4 (13.Jul)			Minimum	7.1 (10.Jan)			Amplitude	14.3 °C



Periode	2000 - 2011												
Monatsmittel	11.1	10.6 -	10.9	11.6	13.0	14.5	15.0	15.4	15.5 +	14.4	13.3	11.7	
Maximum	13.5	13.0	12.8	12.5 -	18.5	21.3	22.1 +	21.5	21.0	17.4	14.7	14.1	
Jahr	2004	2004	2004	2004	2009	2011	2008	2009	2011	2009	2009	2003	
Minimum	2.9 -	5.3	5.6	9.5	11.3	11.7	12.2	12.9	13.5 +	7.9	9.3	2.9 -	
Jahr	2009	2009	2009	2008	2005	2006	2006	2005	2005	2008	2009	2008	
Amplitude	9.3	6.1	6.0	2.4 -	6.3	6.6	8.4	5.6	6.3	7.2	5.4	10.1 +	
Jahr	2009	2009	2009	2008	2009	2011	2008	2009	2011	2008	2009	2008	
Periode	Mittel	13.2 °C		Maximum	22.1 (11.Jul 2008)			Minimum	2.9 (31.Dez 2008)			Amplitude	19.2 °C

Darstellung der letzten 12 Jahre

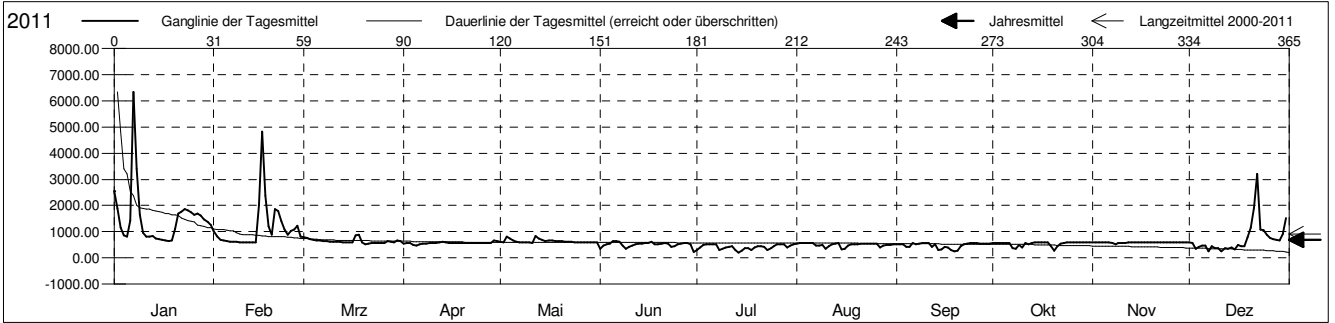


Leitfähigkeit

Birstal
 Birsfelden 17.J.01 Hagnau
 Abstichpunkt: 255.96 m ü.M.
 OK Terrain: 255.09 m ü.M.

Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 613914.75 / 266003.84

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	2546	1029	785	554	607	357	302	550	521	557	583	598	1
2	1884	807	762	568	587	470	397	563	531	559	582	576	2
3	1162	700	720	573	822	527	481	566	530	563	582	347	3
4	866	654	688	492	733	549	515	567 +	409	566	582	426	4
5	812	634	667	475 -	653	640 +	523	562	423	568	582	459	5
6	1427	626	653	522	617	630	527	563	556	566	583	460	6
7	6329 +	615	641	545	603	619	530 +	459	531	365	576	253 -	7
8	3410	606	633	553	598	469	297	468	534	353	524 -	453	8
9	1652	599	627	558	589	345	358	497	563	499	563	367	9
10	960	594	622	561	581	413	387	351	574 +	386	572	361	10
11	804	590	616	562	577 -	474	413	438	567	566	577	254	11
12	811	587	607	590	830 +	523	450	520	430	520	580	367	12
13	832	584	599	615	743	545	309	550	525	570	583	346	13
14	745	582 -	593	590	702	553	204 -	558	286	589	584	400	14
15	703	2016	589	577	651	558	281	327 -	317	597	586	322	15
Max. +	683	4825 +	586	573	658	577	383	343	418	602	587	500	16
17	663	2376	856	571	656	627	365	472	394	603 +	588	445	17
18	649 -	1200	875 +	569	644	506	289	522	288	601	589	437	18
19	657	878	588	568	641	522	397	517	241 -	434	590	784	19
20	1100	1861	508 -	567	636	550	435	518	272	262 -	591	1166	20
Min. -	1682	1780	555	566	622	560	454	535	437	441	593	1917	21
22	1762	1395	565	565	613	540	432	540	524	543	594	3197 +	22
23	1868	1072	571	565	609	410	292	542	548	571	595	1084	23
24	1820	887	575	565	600	456	366	543	557	582	595	1057	24
25	1731	1037	577	564	596	514	449	547	559	585	596	896	25
26	1632	1075	579	562	594	547	506	532	558	585	597	754	26
27	1688	1221	633	562	594	557	507	399	555	584	597	717	27
28	1608	822	624	562	592	560	522	469	554	583	598 +	694	28
29	1478	603	674 +	592	510	395	496	554	583	598 +	674	29	29
30	1368	653	641	590	235 -	467	502	555	584	598 +	909	30	30
31	1243	646	592	592	592	526	516	516	584	584	1512	31	31
Monatsmittel	1502 +	1130	639	567	636	511	412 -	501	477	534	585	733	
Maximum	9594 +	5490	1067	739	1029	770	545 -	569	579	604	599	4159	
Datum	07.01	16.02	17.03	29.04	12.05	07.06	22.07	04.08	11.09	16.10	30.11	22.12	
Minimum	646 +	580	427	415	405	209	180 -	285	217	227	490	224	
Datum	18.01	15.02	19.03	04.04	31.05	30.06	13.07	15.08	14.09	19.10	08.11	08.12	
Amplitude	8948	4910	640	324	624	561	365	284	362	377	109	3935	
Jahr 2011	Mittel	684	Maximum	9594 (07.Jan)	Minimum	180 (13.Jul)	Amplitude	9414					



Periode	2000 - 2011												
Monatsmittel	2291 +	1835	1157	631	566	484	474	477	470 -	483	722	1714	
Maximum	21169 +	16492	9725	1719	1560	770	592	584	579 -	604	9911	19000	
Jahr	2010	2010	2010	2010	2010	2011	2010	2010	2011	2011	2010	2010	
Minimum	431	580 +	346	415	210	187	155	133	115 -	115 -	153	163	
Jahr	2010	2011	2009	2011	2010	2010	2009	2010	2008	2008	2010	2009	
Amplitude	20738 +	15725	9003	1119	1350	561	404 -	451	457	447	9758	18361	
Jahr	2010	2010	2010	2010	2010	2011	2009	2010	2008	2008	2010	2010	
Periode	Mittel	919	Maximum	21169 (13.Jan 2010)	Minimum	115 (14.Sep 2008)	Amplitude	21054					

Darstellung der letzten 12 Jahre

