

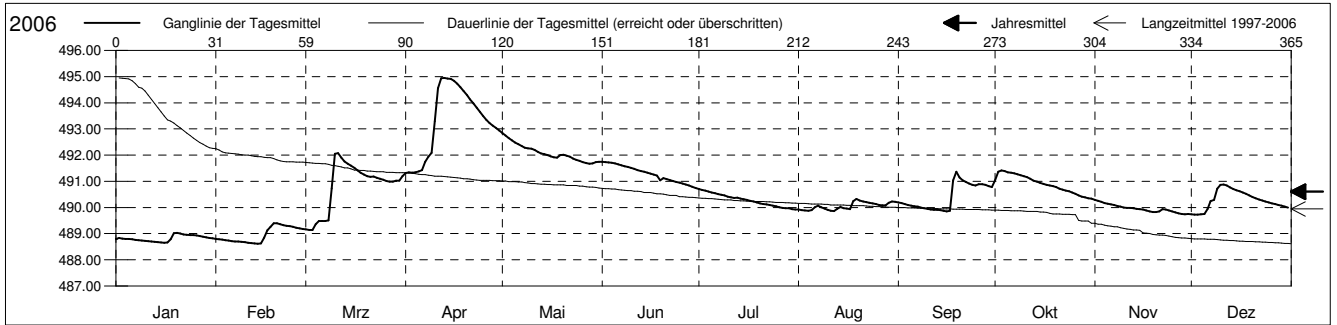
Grundwasserstände



Frenketal
 Oberdorf 92.J.02 Sekundarschule
 Abstichpunkt: 499.66 m ü.M.
 OK Terrain: 500.26 m ü.M.

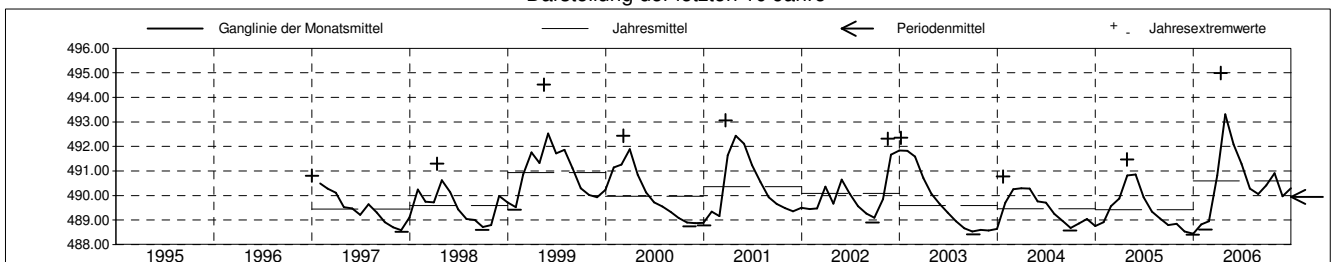
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 623726.25 / 249322.64

2006	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	488.79	488.80	489.17	491.32 -	492.85 +	491.75 +	490.71 +	489.92	490.20	491.03	490.29 +	489.74	1
2	488.83	488.79	489.14 -	491.34	492.75	491.73	490.67	489.90	490.17	491.37	490.25	489.73 -	2
3	488.81	488.77	489.14 -	491.33	492.65	491.72	490.65	489.89	490.13	491.41 +	490.22	489.73 -	3
4	488.80	488.75	489.37	491.34	492.56	491.71	490.61	489.87 -	490.09	491.39	490.17	489.74	4
5	488.80	488.73	489.49	491.38	492.48	491.69	490.57	489.90	490.07	491.35	490.15	489.75	5
Tagesmittel													
6	488.78	488.72	489.48	491.43	492.41	491.65	490.55	490.01	490.05	491.33	490.12	489.95	6
7	488.76	488.71	489.48	491.75	492.35	491.61	490.51	490.08	490.03	491.31	490.10	490.25	7
8	488.75	488.70	489.51	491.94	492.28	491.58	490.49	490.01	489.99	491.27	490.06	490.29	8
9	488.74	488.69	490.73	492.09	492.26	491.54	490.46	489.96	489.97	491.23	490.03	490.71	9
10	488.72	488.67	492.05	493.30	492.25	491.51	490.42	489.91	489.94	491.19	490.00	490.87 +	10
11	488.71	488.65	492.08 +	494.55	492.19	491.47	490.39	489.88	489.92	491.16	489.99	490.87 +	11
12	488.69	488.64	491.90	494.95 +	492.13	491.43	490.37	489.87 -	489.91	491.09	489.99	490.84	12
13	488.68	488.63	491.76	494.95 +	492.07	491.39	490.37	489.95	489.91	491.03	489.98	490.77	13
14	488.67	488.62 -	491.67	494.93	492.04	491.37	490.34	490.02	489.90	490.99	489.95	490.71	14
Max. +	488.66	488.63	491.60	494.91	492.01	491.33	490.32	489.98	489.88	490.94	489.93	490.66	15
16	488.65 -	488.85	491.51	494.84	491.96	491.29	490.28	489.96	489.85 -	490.90	489.92	490.62	16
17	488.67	489.13	491.41	494.73	491.92	491.25	490.26	489.94	489.87	490.87	489.89	490.57	17
18	488.79	489.27	491.33	494.59	491.90	491.22	490.22	490.24	491.04	490.84	489.85	490.52	18
19	489.02	489.40 +	491.26	494.44	492.00	491.04	490.19	490.33 +	491.36 +	490.82	489.83	490.46	19
Min. -	489.04 +	489.40 +	491.20	494.29	492.01	491.12	490.16	490.27	491.15	490.77	489.83	490.40	20
21	489.00	489.37	491.17	494.13	491.97	491.09	490.13	490.23	491.04	490.72	489.85	490.35	21
22	488.97	489.33	491.18	493.97	491.94	491.05	490.11	490.20	490.97	490.68	489.93	490.31	22
23	488.96	489.30	491.14	493.81	491.87	491.01	490.09	490.18	490.91	490.65	489.92	490.26	23
24	488.94	489.28	491.10	493.65	491.82	490.98	490.07	490.15	490.87	490.62	489.89	490.23	24
25	488.94	489.26	491.06	493.50	491.78	490.95	490.04	490.13	490.84	490.57	489.85	490.20	25
26	488.93	489.23	491.02	493.35	491.74	490.92	490.01	490.09	490.89	490.52	489.81	490.16	26
27	488.91	489.20	490.99	493.23	491.70	490.88	489.99	490.08	490.89	490.46	489.78	490.13	27
28	488.88	489.18	490.99	493.13	491.68 -	490.84	489.98	490.08	490.86	490.41	489.76	490.10	28
29	488.86		491.02	493.04	491.68 -	490.80	489.97	490.19	490.82	490.38	489.74 -	490.07	29
30	488.84		491.02	492.94	491.74	490.75 -	489.94	490.23	490.78	490.36	489.76	490.03	30
31	488.82		491.19		491.75		489.92 -	490.22		490.34 -		490.00	31
Monatsmittel	488.82 -	488.95	490.81	493.30 +	492.09	491.29	490.28	490.05	490.41	490.90	489.96	490.29	
Maximum	489.05 -	489.41	492.13	494.99 +	492.89	491.76	490.72	490.38	491.51	491.42	490.32	490.88	
Datum	19.01	19.02	11.03	12.04	01.05	01.06	01.07	18.08	18.09	03.10	01.11	10.12	
Amplitude	0.40	0.80	3.00	3.70	1.22	2.71	0.80	0.53	1.69	1.10	0.59	1.16	
Jahr 2006	Mittel	490.60 m ü.M.		Maximum	494.99 (12.Apr)		Minimum	488.61 (14.Feb)		Amplitude	6.38 m		



Periode	1997 - 2006												
Monatsmittel	489.94	490.11	490.72	490.89 +	490.74	490.16	489.81	489.47	489.21 -	489.29	489.45	489.54	
Maximum	492.35	492.95	493.07	494.99 +	494.52	492.34	492.60	491.69	491.51	491.42 -	492.31	492.14	
Jahr	2003	1999	2001	2006 +	1999	1999	1999	1999	2006	2006	2002	2002	
Minimum	488.61	488.61	489.01	489.35 +	489.23	489.03	488.83	488.55	488.43	488.42	488.43	488.40 -	
Jahr	2004	2006	2001	1997	1997	1997	1998	2003	2003	2003	2005	2005	
Amplitude	2.16	3.26	4.06 +	3.70	3.52	2.71	1.57	1.10 -	1.69	1.10 -	2.12	1.81	
Jahr	2004	1999	2001	2006	1999	2006	1999	1999	2006	2002	2002	1999	
Periode	Mittel	489.94 m ü.M.		Maximum	494.99 (12.Apr 2006)		Minimum	488.40 (29.Dez 2005)		Amplitude	6.59 m		

Darstellung der letzten 10 Jahre



Grundwassertemperatur



Frenketal

Oberdorf

Abstichpunkt:

OK Terrain:

92.J.02

499.66

500.26

Sekundarschule

m ü.M.

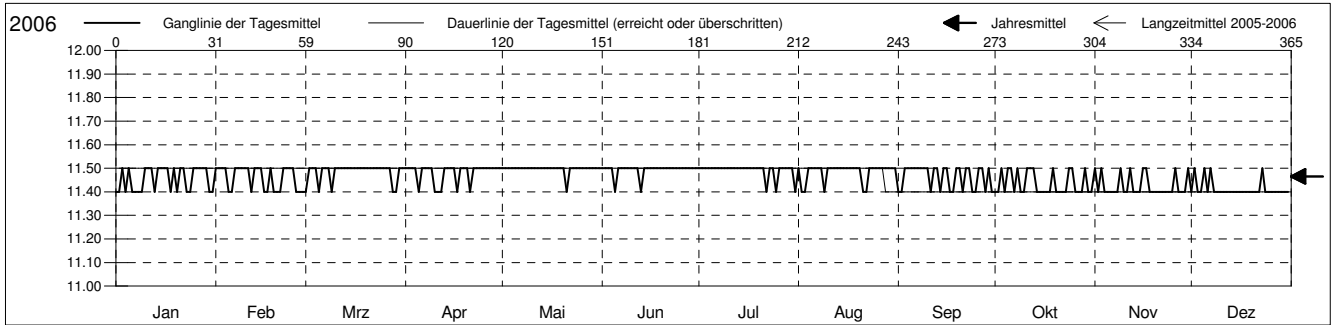
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

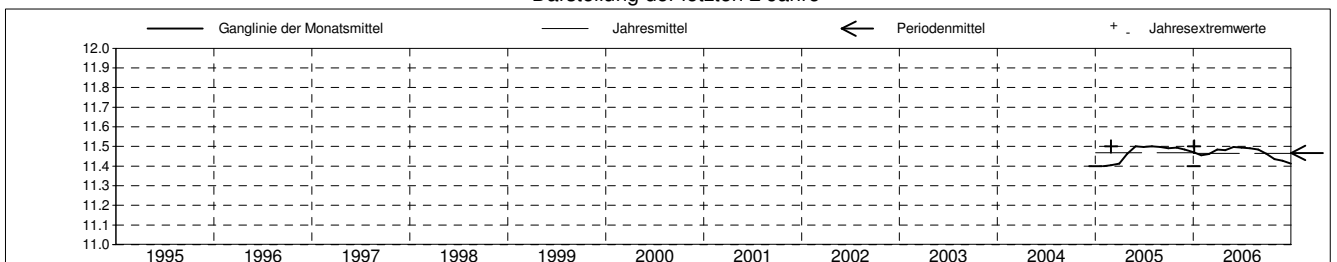
Koordinaten: 623726.25 / 249322.64

2006	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	11.4 -	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.5 +	11.4 -	1
2	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	2
3	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.4 -	3
4	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.4 -	4
5	11.5 +	11.4 -	11.4 -	11.4 -	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	5
Tagesmittel													
6	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	6
7	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.5 +	7
8	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	8
9	11.4 -	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	11.4 -	11.5 +	11.4 -	9
10	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.4 -	10
11	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	11.4 -	11.4 -	11
12	11.5 +	11.4 -	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	12
13	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	13
14	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.4 -	11.4 -	14
Max. +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.4 -	15
16	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	11.4 -	16
17	11.5 +	11.4 -	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.5 +	11.4 -	17
18	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.4 -	11.4 -	18
19	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	19
Min. -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.4 -	20
21	11.5 +	11.4 -	11.5 +	11.4 -	11.4 -	11.5 +	11.5 +	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	21
22	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.5 +	11.4 -	11.4 -	11.4 -	22
23	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.5 +	23
24	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	11.4 -	11.4 -	24
25	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	11.4 -	11.5 +	11.4 -	11.4 -	25
26	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	11.4 -	26
27	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.4 -	27
28	11.5 +	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.4 -	11.4 -	28
29	11.5 +		11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	29
30	11.4 -		11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.5 +	11.4 -	30
31	11.4 -		11.5 +		11.5 +		11.4 -	11.5 +		11.4 -		11.4 -	31
Monatsmittel	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	11.4 -	11.4 -	
Maximum	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	
Datum	03.01	01.02	02.03	01.04	01.05	01.06	01.07	01.08	03.09	03.10	01.11	02.12	
Minimum	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	
Datum	01.01	05.02	01.03	05.04	21.05	05.06	22.07	02.08	01.09	01.10	02.11	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	0.1	
Jahr 2006	Mittel	11.5 °C		Maximum	11.5 (03.Jan)		Minimum	11.4 (01.Jan)		Amplitude	0.1 °C		



Periode	2005 - 2006												
Monatsmittel	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	
Maximum	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	
Jahr	2006	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	
Minimum	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	
Jahr	2005	2005	2005	2005	2006	2005	2006	2005	2005	2005	2005	2005	
Amplitude	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	
Jahr	2006	2005	2005	2005	2006	2005	2006	2005	2005	2005	2005	2005	
Periode	Mittel	11.5 °C		Maximum	11.5 (27.Feb 2005)		Minimum	11.4 (01.Jan 2005)		Amplitude	0.1 °C		

Darstellung der letzten 2 Jahre



Leitfähigkeit



Frenketal

Oberdorf

Abstichpunkt:

OK Terrain:

92.J.02

0.00

0.00

Sekundarschule

m ü.M.

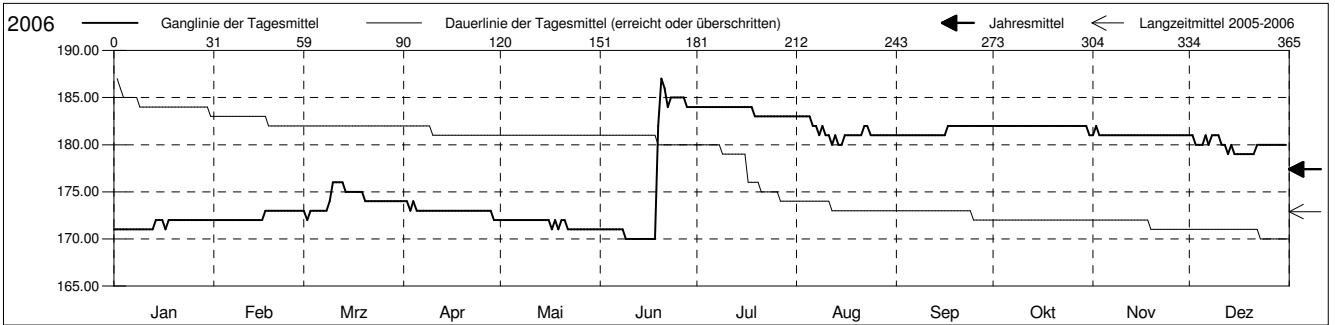
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

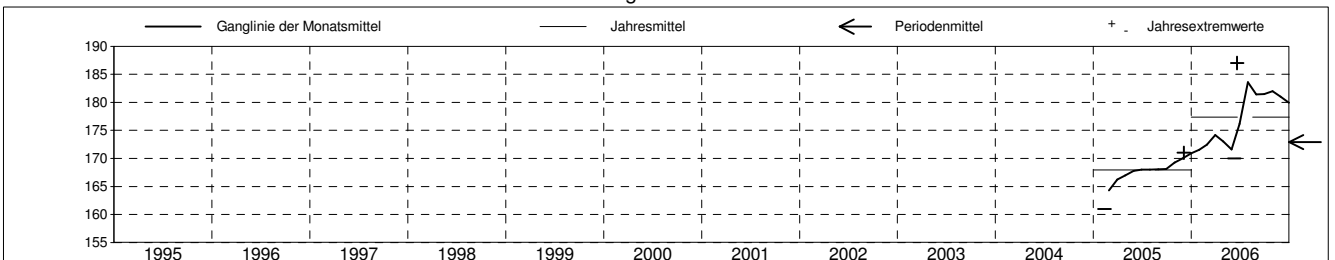
Koordinaten: 0.00 / 0.00

2006	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	171 -	172 -	173	174 +	172 +	171	184 +	183 +	181 -	182 +	181 -	181 +	1
2	171 -	172 -	172 -	174 +	172 +	171	184 +	183 +	181 -	182 +	182 +	181 +	2
3	171 -	172 -	173	173	172 +	171	184 +	183 +	181 -	182 +	181 -	180	3
4	171 -	172 -	173	174 +	172 +	171	184 +	183 +	181 -	182 +	181 -	180	4
5	171 -	172 -	173	173	172 +	171	184 +	183 +	181 -	182 +	181 -	180	5
Tagesmittel													
6	171 -	172 -	173	173	172 +	171	184 +	182	181 -	182 +	181 -	181 +	6
7	171 -	172 -	173	173	172 +	171	184 +	182	181 -	182 +	181 -	180	7
8	171 -	172 -	173	173	172 +	171	184 +	181	181 -	182 +	181 -	181 +	8
9	171 -	172 -	174	173	172 +	170 -	184 +	182	181 -	182 +	181 -	181 +	9
10	171 -	172 -	176 +	173	172 +	170 -	184 +	181	181 -	182 +	181 -	181 +	10
11	171 -	172 -	176 +	173	172 +	170 -	184 +	181	181 -	182 +	181 -	180	11
12	171 -	172 -	176 +	173	172 +	170 -	184 +	180 -	181 -	182 +	181 -	180	12
13	171 -	172 -	176 +	173	172 +	170 -	184 +	181	181 -	182 +	181 -	179 -	13
14	172 +	172 -	175	173	172 +	170 -	184 +	180 -	181 -	182 +	181 -	180	14
15	172 +	172 -	175	173	172 +	170 -	184 +	180 -	181 -	182 +	181 -	179 -	15
Max. +													
16	172 +	172 -	175	173	172 +	170 -	184 +	181	181 -	182 +	181 -	179 -	16
17	171 -	173 +	175	173	171 -	170 -	184 +	181	182 +	182 +	181 -	179 -	17
18	172 +	173 +	175	173	172 +	170 -	184 +	181	182 +	182 +	181 -	179 -	18
19	172 +	173 +	175	173	171 -	182	183 -	181	182 +	182 +	181 -	179 -	19
20	172 +	173 +	174	173	172 +	187 +	183 -	181	182 +	182 +	181 -	179 -	20
Min. -													
21	172 +	173 +	174	173	172 +	186	183 -	181	182 +	182 +	181 -	179 -	21
22	172 +	173 +	174	173	171 -	184	183 -	182	182 +	182 +	181 -	180	22
23	172 +	173 +	174	173	171 -	185	183 -	182	182 +	182 +	181 -	180	23
24	172 +	173 +	174	173	171 -	185	183 -	181	182 +	182 +	181 -	180	24
25	172 +	173 +	174	173	171 -	185	183 -	181	182 +	182 +	181 -	180	25
26	172 +	173 +	174	173	171 -	185	183 -	181	182 +	182 +	181 -	180	26
27	172 +	173 +	174	173	171 -	185	183 -	181	182 +	182 +	181 -	180	27
28	172 +	173 +	174	173	171 -	184	183 -	181	182 +	182 +	181 -	180	28
29	172 +		174	172 -	171 -	184	183 -	181	182 +	182 +	181 -	180	29
30	172 +		174	172 -	171 -	184	183 -	181	182 +	182 +	181 -	180	30
31	172 +		174		171 -		183 -	181		181 -		180	31
Monatsmittel	172 -	172 -	174	173	172 -	176	184 +	181	181	182	181	180	
Maximum	172 -	173	176	174	172 -	187 +	184	183	182	182	182	181	
Datum	14.01	17.02	10.03	01.04	01.05	20.06	01.07	01.08	17.09	01.10	02.11	01.12	
Minimum	171 +	172	172	172	171	170 -	183 +	180	181	181	181	179	
Datum	01.01	01.02	02.03	29.04	17.05	09.06	19.07	12.08	01.09	31.10	01.11	13.12	
Amplitude	1	1	4	2	1	17	1	3	1	1	1	2	
Jahr 2006	Mittel	177 µs/cm		Maximum	187 (20.Jun)		Minimum	170 (09.Jun)		Amplitude	17 µs/cm		



Periode	2005 - 2006												
Monatsmittel	172	168 -	170	170	170	172	176 +	175	175	176 +	176 +	175	
Maximum	172 -	173	176	174	172 -	187 +	184	183	182	182	182	181	
Jahr	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	
Minimum	171 +	161 -	165	167	167	168	168	168	167	169	170	170	
Jahr	2006	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	
Amplitude	1 -	4	4	2	1 -	17 +	1 -	3	2	1 -	1 -	2	
Jahr	2006	2005	2006	2006	2005	2006	2006	2006	2005	2005	2006	2006	
Periode	Mittel	173 µs/cm		Maximum	187 (20.Jun 2006)		Minimum	161 (10.Feb 2005)		Amplitude	26 µs/cm		

Darstellung der letzten 2 Jahre



Grundwasserspiegel im Frenketal

Station 92.J.2 Oberdorf
Felsgrundwasser

Sekundarschule

Koordinaten: 623'726.25 / 249'322.64

Messwerte: Grundwasserspiegel
Temperatur (ab 2005)
Leitfähigkeit (ab 2005)

OK. Abstich "Blechabdeckung"
499.66 m ü.M. OK. Terrain = Schulhausplatz
500.26 m ü.M.

