

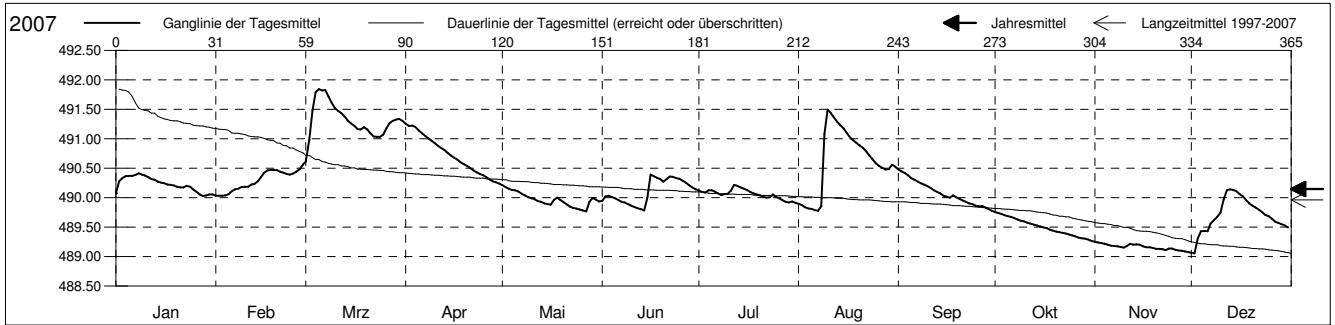
**Grundwasserstände**



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

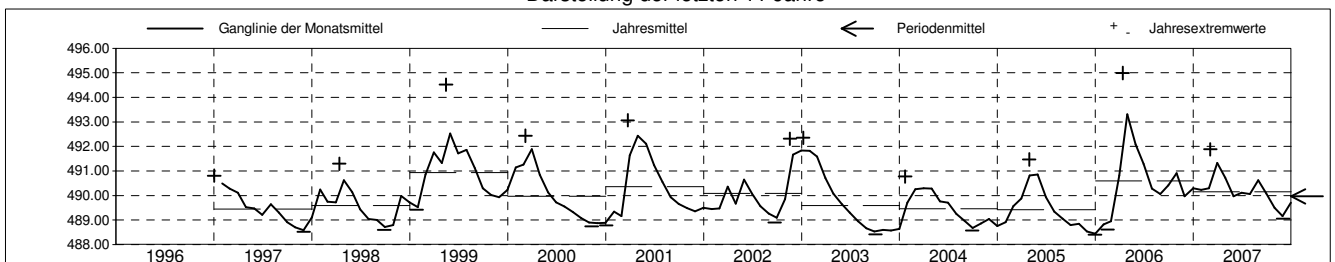
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 623726.25 / 249322.64

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	490.08	490.04	490.61 -	491.25 +	490.21 +	489.95	490.12	489.90	490.48 +	489.76 +	489.25 +	489.06 -	1
2	490.28	490.03 -	490.98	491.22	490.18	490.02	490.10	489.87	490.45	489.74	489.24	489.06 -	2
3	490.33	490.03 -	491.48	491.22	490.15	490.03	490.09	489.84	490.42	489.73	489.23	489.30	3
4	490.36	490.04	491.79	491.20	490.13	490.01	490.12	489.82	490.38	489.70	489.22	489.43	4
5	490.37	490.06	491.84 +	491.14	490.13	489.99	490.13	489.81	490.33	489.69	489.20	489.44	5
Tagesmittel													
6	490.37	490.11	491.82	491.09	490.11	489.96	490.10	489.79	490.30	489.67	489.19	489.43	6
7	490.39	490.14	491.83	491.05	490.07	489.93	490.07	489.78 -	490.27	489.65	489.18	489.56	7
8	490.41 +	490.15	491.72	491.01	490.04	489.92	490.04	489.85	490.25	489.63	489.17	489.62	8
9	490.39	490.18	491.61	490.97	490.01	489.89	490.06	491.08	490.22	489.61	489.16	489.67	9
10	490.37	490.18	491.52	490.93	489.99	489.87	490.07	491.50 +	490.20	489.60	489.15	489.74	10
11	490.35	490.19	491.47	490.88	489.97	489.84	490.12	491.44	490.16	489.58	489.18	489.97	11
12	490.32	490.22	491.44	490.84	489.94	489.82	490.22 +	491.36	490.13	489.56	489.22	490.12	12
13	490.31	490.24	491.38	490.81	489.93	489.80	490.20	491.29	490.10	489.54	489.20	490.14 +	13
14	490.27	490.28	491.31	490.76	489.91	489.79 -	490.18	491.23	490.07	489.53	489.21	490.13	14
Max. +	490.26	490.35	491.26	490.72	489.89	490.00	490.15	491.17	490.03	489.51	489.20	490.11	15
16	490.24	490.42	491.22	490.68	489.88	490.39 +	490.13	491.10	490.02	489.50	489.18	490.06	16
17	490.23	490.46	491.16	490.65	489.97	490.36	490.10	491.02	490.00	489.48	489.16	490.02	17
18	490.22	490.47	491.16	490.60	490.00	490.34	490.07	490.97	490.04	489.46	489.16	489.96	18
19	490.21	490.47	491.20	490.57	489.96	490.31	490.05	490.93	490.01	489.44	489.15	489.90	19
Min. -	490.19	490.47	491.16	490.54	489.93	490.28	490.04	490.89	489.98	489.42	489.13	489.86	20
21	490.17	490.44	491.09	490.50	489.88	490.32	490.02	490.84	489.95	489.41	489.13	489.83	21
22	490.17	490.42	491.04	490.47	489.85	490.36	490.00	490.78	489.93	489.40	489.13	489.79	22
23	490.20	490.40	491.03	490.43	489.83	490.36	490.00	490.72	489.90	489.39	489.11	489.75	23
24	490.19	490.39	491.03	490.40	489.82	490.33	490.05	490.65	489.89	489.38	489.14	489.71	24
25	490.14	490.41	491.07	490.38	489.80	490.32	490.01	490.58	489.87	489.36	489.14	489.68	25
26	490.10	490.44	491.18	490.35	489.78	490.29	489.99	490.54	489.86	489.34	489.12	489.64	26
27	490.05	490.49	491.27	490.31	489.77 -	490.26	489.96	490.51	489.86	489.32	489.10	489.59	27
28	490.03 -	490.56 +	491.31	490.28	489.93	490.21	489.93	490.48	489.83	489.31	489.10	489.57	28
29	490.04		491.33	490.26	489.99	490.17	489.92	490.48	489.80	489.31	489.09	489.55	29
30	490.06		491.34	490.24 -	489.97	490.14	489.93	490.56	489.78 -	489.29	489.08 -	489.53	30
31	490.06		491.30		489.94		489.91 -	490.53		489.27 -		489.50	31
Monatsmittel	490.23	490.29	491.32 +	490.73	489.97	490.11	490.06	490.62	490.08	489.50	489.16 -	489.70	
Maximum	490.42	490.58	491.88 +	491.28	490.22	490.40	490.22	491.51	490.50	489.76	489.26 -	490.15	
Datum	08.01	28.02	05.03	01.04	01.05	16.06	11.07	10.08	01.09	01.10	01.11	13.12	
Amplitude	0.43	0.56	1.30	1.06	0.46	0.62	0.32	1.74	0.74	0.51	0.19	1.10	
Jahr 2007	Mittel	490.15 m ü.M.		Maximum	491.88 (05.Mrz)		Minimum	489.05 (01.Dez)		Amplitude	2.83 m		



Periode	1997 - 2007												
Monatsmittel	489.97	490.13	490.77	490.87 +	490.67	490.16	489.83	489.57	489.29 -	489.31	489.42	489.55	
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	1.74	1.69	1.10 -	2.12	1.81	
Jahr	2004	1999	2001	2006	1999	2006	1999	2007	2006	2002	2002	1999	
Periode	Mittel	489.96 m ü.M.		Maximum	494.99 (12.Apr 2006)		Minimum	488.40 (29.Dez 2005)		Amplitude	6.59 m		

Darstellung der letzten 11 Jahre



**Grundwassertemperatur**



Frenketal

Oberdorf

Abstichpunkt:

OK Terrain:

92.J.02

499.66

500.26

Sekundarschule

m ü.M.

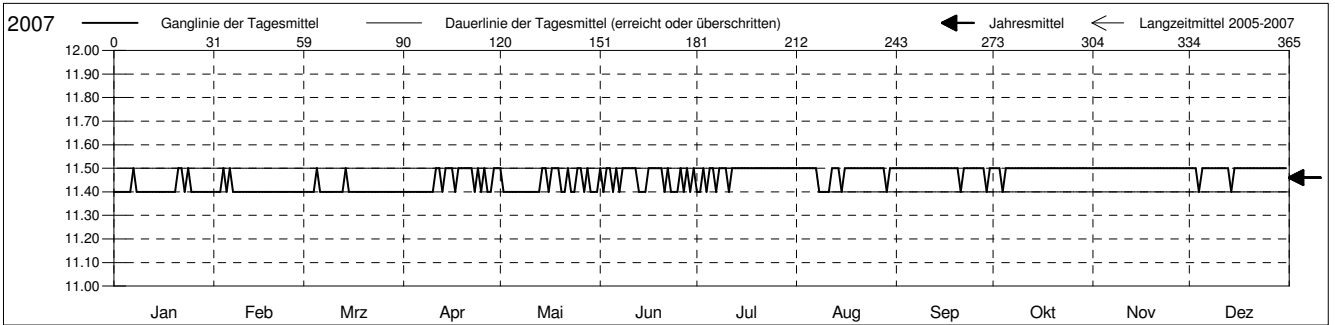
m ü.M.

**Amt für Umweltschutz und Energie**

**Kanton Basel-Landschaft**

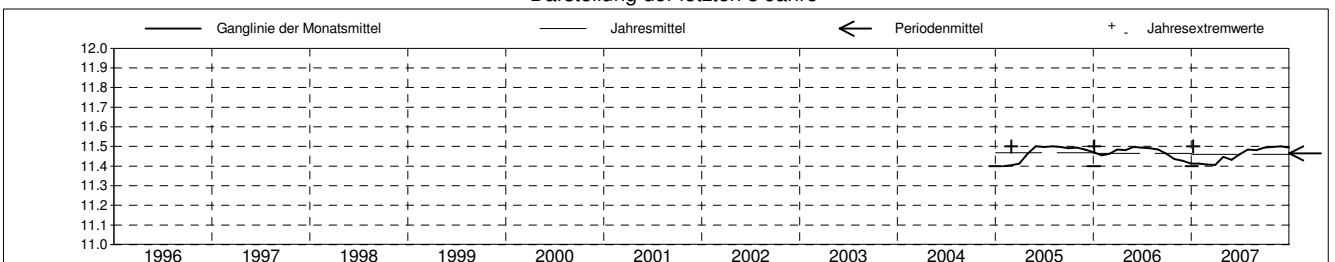
Koordinaten: 623726.25 / 249322.64

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	1
2	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	2
3	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	3
4	11.4 -	11.5 +	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.4 -	11.5 +	11.4 -	11.5 +	11.4 -	4
5	11.4 -	11.4 -	11.5 +	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	5
Tagesmittel													
6	11.4 -	11.5 +	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	6
7	11.5 +	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	7
8	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	8
9	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	9
10	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	10
11	11.4 -	11.4 -	11.4 -	11.5 +	11.4 -	11.4 -	11.5 +	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11
12	11.4 -	11.4 -	11.4 -	11.5 +	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	12
13	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	13
14	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.4 -	14
Max. +	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.4 -	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	15
16	11.4 -	11.4 -	11.4 -	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	16
17	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	17
18	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	18
19	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	19
Min. -	11.4 -	11.4 -	11.4 -	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	20
21	11.5 +	11.4 -	11.4 -	11.5 +	11.4 -	11.4 -	11.5 +	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	21
22	11.5 +	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	22
23	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	23
24	11.5 +	11.4 -	11.4 -	11.5 +	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	24
25	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	25
26	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	26
27	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	27
28	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	28
29	11.4 -	11.4 -	11.4 -	11.5 +	11.4 -	11.4 -	11.5 +	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	29
30	11.4 -	11.4 -	11.4 -	11.5 +	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	30
31	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	31
Monatsmittel	11.4 -	11.4 -	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	
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	07.01	04.02	05.03	11.04	01.05	01.06	03.07	01.08	01.09	01.10	01.11	01.12	
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	01.02	01.03	01.04	02.05	02.06	01.07	08.08	21.09	04.10	01.11	01.12	
Amplitude	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0 +	0.1	
Jahr 2007	Mittel	11.5 °C		Maximum	11.5 (07.Jan)		Minimum	11.4 (01.Jan)		Amplitude	0.1 °C		



Periode	2005 - 2007												
Monatsmittel	11.4 -	11.4 -	11.4 -	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +
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 +	11.5 +
Jahr	2006	2005	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 +	11.4 +
Jahr	2005	2005	2005	2005	2006	2005	2006	2005	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 +	0.1 +
Jahr	2006	2005	2005	2005	2006	2005	2006	2005	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 3 Jahre



**Leitfähigkeit**



Frenketal

Oberdorf

Abstichpunkt:

OK Terrain:

92.J.02

499.66

500.26

Sekundarschule

m ü.M.

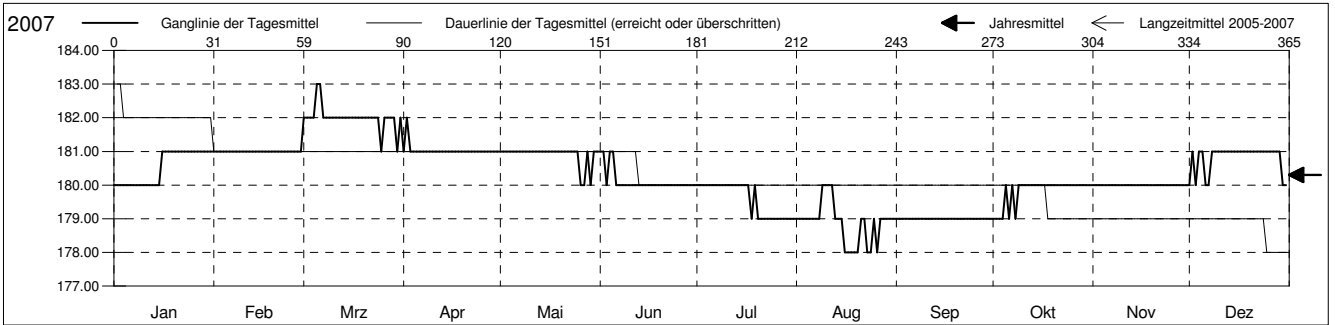
m ü.M.

**Amt für Umweltschutz und Energie**

**Kanton Basel-Landschaft**

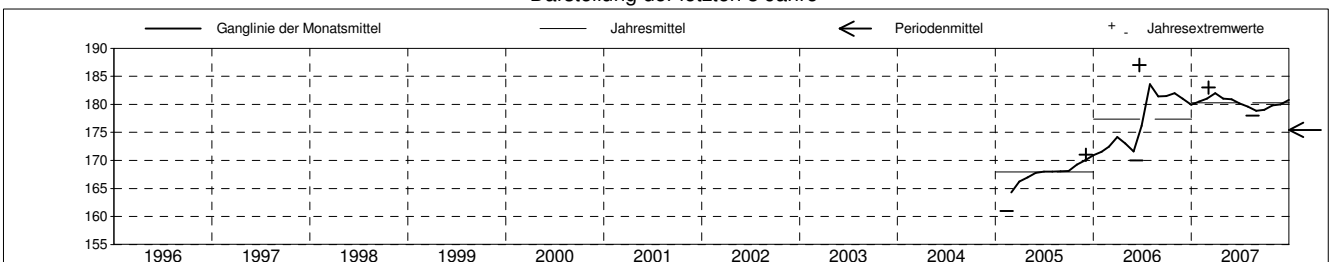
Koordinaten: 623726.25 / 249322.64

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	180 -	181 +	182	181 -	181 +	181 +	180 +	179	179 +	179 -	180 +	180 -
2	180 -	181 +	182	182 +	181 +	181 +	180 +	179	179 +	179 -	180 +	181 +
3	180 -	181 +	182	181 -	181 +	180 -	180 +	179	179 +	179 -	180 +	180 -
4	180 -	181 +	182	181 -	181 +	181 +	180 +	179	179 +	179 -	180 +	181 +
5	180 -	181 +	183 +	181 -	181 +	181 +	180 +	179	179 +	180 +	180 +	181 +
Tagesmittel												
6	180 -	181 +	183 +	181 -	181 +	180 -	180 +	179	179 +	179 -	180 +	180 -
7	180 -	181 +	182	181 -	181 +	180 -	180 +	179	179 +	180 +	180 +	180 -
8	180 -	181 +	182	181 -	181 +	180 -	180 +	179	179 +	179 -	180 +	181 +
9	180 -	181 +	182	181 -	181 +	180 -	180 +	180 +	179 +	180 +	180 +	181 +
10	180 -	181 +	182	181 -	181 +	180 -	180 +	180 +	179 +	180 +	180 +	181 +
11	180 -	181 +	182	181 -	181 +	180 -	180 +	180 +	179 +	180 +	180 +	181 +
12	180 -	181 +	182	181 -	181 +	180 -	180 +	180 +	179 +	180 +	180 +	181 +
13	180 -	181 +	182	181 -	181 +	180 -	180 +	179	179 +	180 +	180 +	181 +
14	180 -	181 +	182	181 -	181 +	180 -	180 +	179	179 +	180 +	180 +	181 +
15	180 -	181 +	182	181 -	181 +	180 -	180 +	179	179 +	180 +	180 +	181 +
Max. +												
16	181 +	181 +	182	181 -	181 +	180 -	180 +	178 -	179 +	180 +	180 +	181 +
17	181 +	181 +	182	181 -	181 +	180 -	180 +	178 -	179 +	180 +	180 +	181 +
18	181 +	181 +	182	181 -	181 +	180 -	179 -	178 -	179 +	180 +	180 +	181 +
19	181 +	181 +	182	181 -	181 +	180 -	180 +	178 -	179 +	180 +	180 +	181 +
20	181 +	181 +	182	181 -	181 +	180 -	179 -	178 -	179 +	180 +	180 +	181 +
Min. -												
21	181 +	181 +	182	181 -	181 +	180 -	179 -	179	179 +	180 +	180 +	181 +
22	181 +	181 +	182	181 -	181 +	180 -	179 -	179	179 +	180 +	180 +	181 +
23	181 +	181 +	182	181 -	181 +	180 -	179 -	178 -	179 +	180 +	180 +	181 +
24	181 +	181 +	182	181 -	181 +	180 -	179 -	178 -	179 +	180 +	180 +	181 +
25	181 +	181 +	181 -	181 -	181 +	180 -	179 -	179	179 +	180 +	180 +	181 +
26	181 +	181 +	182	181 -	180 -	180 -	179 -	178 -	179 +	180 +	180 +	181 +
27	181 +	181 +	182	181 -	180 -	180 -	179 -	179	179 +	180 +	180 +	181 +
28	181 +	181 +	182	181 -	181 +	180 -	179 -	179	179 +	180 +	180 +	181 +
29	181 +		182	181 -	180 -	180 -	179 -	179	179 +	180 +	180 +	181 +
30	181 +		181 -	181 -	181 +	180 -	179 -	179	179 +	180 +	180 +	180 -
31	181 +		182		181 +		179 -	179		180 +		180 -
Monatsmittel	181	181	182 +	181	181	180	180	179 -	179 -	180	180	181
Maximum	181	181	183 +	182	181	181	180	180	179 -	180	180	181
Datum	16.01	01.02	05.03	02.04	01.05	01.06	01.07	09.08	01.09	05.10	01.11	02.12
Minimum	180	181 +	181 +	181 +	180	180	179	178 -	179	179	180	180
Datum	01.01	01.02	25.03	01.04	26.05	03.06	18.07	16.08	01.09	01.10	01.11	01.12
Amplitude	1	0 +	2	1	1	1	1	2	0 +	1	0 +	1
Jahr 2007	Mittel	180 µs/cm	Maximum	183 (05.Mrz)	Minimum	178 (16.Aug)	Amplitude	5 µs/cm				



Periode	2005 - 2007											
Monatsmittel	176	173 -	174	174	173 -	175	177 +	176	176	177 +	177 +	177 +
Maximum	181 -	181 -	183	182	181 -	187 +	184	183	182	182	182	181 -
Jahr	2007	2007	2007	2007	2007	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	175 µs/cm	Maximum	187 (20.Jun 2006)	Minimum	161 (10.Feb 2005)	Amplitude	26 µs/cm				

Darstellung der letzten 3 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.

