

XVII 734 1189 (1)

Wesballe



XVII 734/1 (1)

8°

Wiss. Altbestand



2.

Den 5. Merkur. 1830. Luftschätzung.

St. Nr.	Zeit	Therm.	Bar.	Wind	Wetter	Wahrheit
10	0' M.	20,225	29,10	20,35	7	67° 29'
"	20'	20,29	"	20,27-20,51	"	67° 28'
"	40'	20,415	"	20,34-20,49	"	67° 21'
11	0	20,53	18,90	20,45-20,63	10	67° 25'
"	20	20,63	"	20,49-20,77	"	67° 24'
			Zunyg. + 8,5 A		11	
			Quers + 1,27 C		12	
11	40'	20,44	50.	20,43-20,57	11	67° 21'
12	0'	20,27	"	20,43-20,51	"	67° 19'
"	20	20,485	"	20,43-20,51	"	67° 20'
"	40	20,55	"	20,43-20,51	"	67° 17'
"	0	20,61	"	20,43-20,51	"	67° 16'
"	20	20,545	"	20,43-20,51	"	67° 14'
"	40	20,465	"	20,43-20,51	"	67° 17'
2	0	20,39	"	20,43-20,51	"	67° 16'
"	20	20,235	"	20,43-20,51	"	67° 16'
"	40	19,985	"	20,43-20,51	"	67° 16'
3	0	20,13	"	20,43-20,51	"	67° 16'
"	20	20,24	"	20,43-20,51	"	67° 16'
"	40	20,265	"	20,43-20,51	"	67° 16'
4	0	20,23	"	20,43-20,51	"	67° 16'
"	20	20,18	"	20,43-20,51	"	67° 16'
"	40	20,165	"	20,43-20,51	"	67° 16'
5	"	20,14	"	20,43-20,51	"	67° 16'
"	20	20,16	"	20,43-20,51	"	67° 16'

Geographmann.



5 Uhr 40' 20,02

19,97-20,07 Indim.

Erung + 8° 5. N  
Guth + 9° 28' L.

6 Uhr - 20,125

20,11-20,14

in. 67° 24' 67° 20'  
o. 67° 25' " 23'

6 Uhr 5 M.

### Hoffmann

6 Uhr 20'	18,56
6 y 40.	19,09
7 y —	19,47

ganz ruhig.

ganz ruhig.

Trotz auf bemerkt den  
Erweichung daß es noch  
etwas fester mit sich führt,  
da in ruhigeren u.

6 Uhr 5 Minuten  
u. 67° 22' | u. d. Geben  
o. 67° 25' | 67° 20'  
67° 19'

7 y 20, 19,48

ganz ruhig.

7 y 40. 19,60

stül.

8 y 0, 19,73.

19,70-19,76.

8 Uhr 5 M.

u. 67° 23' | u. 67° 22'  
o. 67° 20' | o. 67° 20'

8 y 20, 19,87.

19,85-19,89,

8 y 40, 19,81

19,80-19,82.

9 Uhr 5 M.

in. d. Höhe, u. d. Geben  
u. 67° 20' | 67° 22'  
o. 67° 19' | 67° 20'

9 y 20, 19,96

19,85-20,01.

9 y 40' 19,905

19,86-19,95

10 Uhr 5 M.

u. 67° 22' | 67° 18'  
o. 67° 20' | 67° 18'

10 y —, 19,99.

10 Uhr bemerkt sich  
während der  
Erweichung lang,  
sow bis 19,88  
in. Blickdamm  
sehen



Am 6. November 1830. Fortsetzung.

1. U. 20 m.	Sp.	N.	Ob.	U. 20 m.	Sp.	N.
0	20,35		20,21 - 20,26	67,19	67,19	oben
40	20,235		20,25 - 20,25	" 20	67,21	unten
2	20,24		ruhig			
20	20,37		20,28 - 20,32			
40	20,30		ruhig			
3	20,28		"			
0	20,15		20,13 - 20,15	67,19	67,16	oben
20	20,15		ruhig	" 20	67,17	unten
40	20,14		20,02 - 20,07			
4	20,09		ruhig	67,15	67,18	oben
0	20,045		20,07 - 20,09	" 17	67,19	unten
20	20,08		ruhig			
40	20,05	18,48.	ruhig	67,18	67,20	oben
5	20,08		20,07 - 20,09	" 19	67,21	unten
0	20,05		ruhig			
46	20,08		ruhig	67,20	67,22	oben
6	20,06			" 21	67,22	unten
0	20,08					
40	20,08					
7	20,03			67,20	67,23	oben
0	20,00			" 21	67,25	unten
20	19,97					
40	19,95					
8	19,95			67,24	67,23	oben
0	19,95			" 25	67,24	unten
20	19,95					
40	20,01		19,99 - 20,03			
9	20,045		20,02 - 20,07	67,25	67,28	oben
0	20,10		20,07 - 20,13	" 26	67,20	unten
20	20,05		20,03 - 20,07			
40	20,05		20,10 - 20,19			
10	20,05			67,18	67,21	oben
0	20,05			" 19	67,22	unten
10	20,05					
10	20,39					
40	20,36					
11	20,375		20,30 - 20,45	67,21	67,20	oben
0	20,475		20,35 - 20,60	" 23	67,22	unten
20	20,565		20,22 - 20,51			
40	20,565					

bei 10<sup>h</sup> 19' stand die Nivelirung 20,46 w.  
ging bis zu bemerkbar Zeit allmählich zu  
nied, aber die Referenz zu bemerkbar.  
das Instrument stand nun 10<sup>h</sup> 30'

St. Ann O Noorubau 1830. Fortsetzung.

N.E.

Incl. 67.19  
Neuendorf

12° 0'	20,41	20,37 — 20,45	Incl. 67.19	Neuendorf
12. 20.	20,45	20,43 — 20,47.	" 20	
12. 40.	20,405	20,36 — 20,45.	12. 6.	Neuendorf
1. 0.	20,375	20,34 — 20,41	67° 22'	67° 21'
1. 20.	20,365	20,35 — 20,38.	67° 20'	67° 19'
1. 40.	20,32	20,31 — 20,33.		
2. 0.	20,28.	<i>ruhig</i>	2. 4. 2'	67° 22'
2. 20.	20,25	<i>ruhig</i>	67° 20'	67. 21'
2. 40.	20,24.	20,23 — 20,25.		
3. 0.	20,23.	<i>ruhig</i>	3. 4. 3'	67° 21'
4. 20.	20,20.	20,16 — 20,24	67° 23	4 20'
4. 40.	20,16.	20,15 — 20,17.		
4. 0.	20,21.	20,20 — 20,22.	4. 6. 5'	67° 23'
4. 20.	20,12	20,11 — 20,13.	67° 21'	4 21'
4. 40.	20,12	<i>ruhig</i>		
5. 0.	20,12	<i>ruhig</i>	5. 4. 2'	67° 22'
4. 20.	19,98.	19,96 — 20,00.	67° 21'	67° 21'
4. 40.	20,06.	<i>ruhig</i>		
6. 0.	20,085.	20,07 — 20,10.	6. 3. 1'	67° 20'
" 20.	20,12	20,09 — 20,15	67° 20'	67° 19'
" 40	20,11.	10,50 20,09 — 20,13	6. 5. 50'	Reich
			67° 19'	67° 21
			" 19	67° 21

Ordnungsplan Nummer 1890. *Justiz*

St. Nr.

7	0'	20,12	rühig
	20'	20,11	
	40'	20,11	20,08 - 20,14
8	0'	20,09	rühig
	20'	20,09	20,08 - 20,10
	40'	20,09	20,06 - 20,08
9	0'	20,07	rühig
	20'	20,07	
	40'	20,05	
10	0'	19,99	
	20'	20,00	
	40'	20,00	
11	0'	20,045	20,03 - 20,06
	20'	20,05	rühig
	40'	20,05	
12	0'	20,05	

Aug + 8,6  
 Sept + 9,33  
 Jul. 8<sup>h</sup> 10' 67° 21' | 67° 19'  
 67 21 | 67° 19'  
 Jul. 9<sup>h</sup> 5' 67° 20' | 67° 15'  
 20 | " 15'

Jul. 10<sup>h</sup> 0' u 67° 18' | 67° 28'  
 0, 4 18 | " 29'

11<sup>h</sup> 5' u 67° 29' | 67° 18'  
 0, " 30 | " 19'

11<sup>h</sup> 54' - 67 17 | 67° 20'  
 " " 18 | " 21'

Aug. + 8,8  
 Sept + 9,35

C. 8. Die 21<sup>ten</sup> Jarsachar 1830. Variationalbaubestimmungen.

St. No.	W.	SB	NB	ausf. Reich.	ausf. Reich.	ausf. Reich.
4	0	19,97				
"	20	19,96				
"	40	19,99	18,44			
5	0	19,79	18,22			
"	20	19,82	18,25	19,81-19,83		
"	40	19,85	18,28	ausf.		
6	0	19,90	18,32			
"	28'	20,02				
"	40'	19,96	18,38			
7	0	19,98	18,40			
"	20'	20,005	18,425	19,99-20,02	6 <sup>h</sup> 45'	67° 31'   30   37   24   26 (32,3)
"	40'	20,05		20,03-20,07	7 <sup>h</sup> 10'	67° 28'   35   43   30   26 (35,1)
8	0	20,08		20,07-20,09	7 <sup>h</sup> 25'	67° 26'   22   30   25   27   31 (28,7)
"	20'	20,20		ausf.	4 <sup>h</sup> 45'	67° 30'   25   23   28   30 (30,3)
"	40'	20,29		20,28-20,30	8 <sup>h</sup> 15'	67° 27'   37   28   33   33 (35,0)
9	0	20,34		ausf.		
"	20'	20,35			9 <sup>h</sup> 25'	67° 29'   31   36   34   32 (34,9)
"	40'	20,39		20,38-20,40	9 <sup>h</sup> 45'	67° 31'   29   31   34   30 (34,3)
10	0	20,52		ausf.		
"	20'	20,62		20,59-20,65	10 <sup>h</sup> 5'	67° 31'   30   36   25   32 (33,7)
"	40'	20,68		ausf.		
"	0	20,76			10 <sup>h</sup> 45'	67° 33'   28   33   30   25 (32,5)
"	20'	20,63		20,62-20,64	11 <sup>h</sup> 25'	67° 26'   33   27   29   29 (31,1)
"	40'	20,61		ausf.		
12	0	20,52	18,95			

ausf. Reich. Lang. Dr. Luft + 8,1 R  
des Gypsland + 9,26 C

Juelin... auch 188° 58'  
Nimmt in Südrichtung mit 6,0 in Hund mit 10,5  
Incl. 6<sup>h</sup>20' 67° 35' | 30 | 29 | 30 (32,9)  
38 | 35 | 32 | 34.

6<sup>h</sup>45' 67° 31' | 30 | 37 | 24 | 26 (32,3)  
35 | 36 | 43 | 29 | 32  
7<sup>h</sup>10' 67° 28' | 35 | 43 | 30 | 26 (35,1)  
32 | 40 | 50 | 38 | 29  
7<sup>h</sup>25' 67° 26' | 22 | 30 | 25 | 27 | 31 (28,7)  
29 | 29 | 30 | 30 | 32 | 34  
4<sup>h</sup>45' 67° 30' | 25 | 23 | 28 | 30 (30,3)  
36 | 31 | 28 | 34 | 38  
8<sup>h</sup>15' 67° 27' | 37 | 28 | 33 | 33 (35,0)  
38 | 41 | 31 | 39 | 39

Lang. Dr. Luft + 8,5 R  
Gypsland + 9,27 C

12<sup>h</sup>5' 67° 30' | 29 | 32 | 37 | 31 (34,8)  
35 | 35 | 39 | 43 | 37

Am 21<sup>ten</sup> Juny 1830. Sanftführung Linder 97.

Time	Temp	Wind	Bar	Hum	Wind	Bar	Hum	Wind	Bar	Hum	
12/21	45	N	20,45	ruhig	12 <sup>h</sup> 45'	67,33	31	34	36	33	(34,1)
"	40	"	20,47	"	"	67,33	33	35	37	(34,1)	
1	0	"	20,35	"	1 <sup>h</sup> 25'	67,31	36	35	41	34	(35,3)
"	20	"	20,40	ruhig	"	67,31	37	31	42	31	(35,3)
"	40	"	20,20,5	Die 20,21-20,30	"	"	"	"	"	"	"
4	0	"	20,22	ruhig	2 <sup>h</sup> 5'	67,30	39	42	36	35	(36,9)
"	20	"	20,25	"	"	67,31	39	42	37	38	(36,9)
"	40	"	20,18	"	2 <sup>h</sup> 45'	67,35	32	32	29	38	(34,5)
"	0	"	20,21	"	"	67,38	33	33	33	40	(34,5)
3	0	"	20,21	"	3 <sup>h</sup> 25'	67,37	35	35	35	35	(36,2)
"	20	"	20,28	"	"	67,37	36	35	41	38	(36,2)
"	40	"	20,26	"	"	"	"	"	"	"	"
4	0	"	20,25	"	4 <sup>h</sup> 10'	67,34	32	37	40	36	(36,5)
"	20	"	20,14	"	"	67,35	33	39	43	36	(36,5)
"	40	"	20,18	"	4 <sup>h</sup> 15'	67,31	38	34	30	34	(37,0)
5	0	"	20,15	Die 20,13-20,12	"	67,37	40	37	40	37	(37,0)
"	20	"	20,09	ruhig	5 <sup>h</sup> 25'	67,37	34	35	29	30	(33,8)
"	40	"	20,11	"	"	67,38	35	38	30	32	(33,8)
6	0	"	20,07	"	6 <sup>h</sup> 10'	67,20	42	28	30	31	(35,1)
"	20	"	20,04	"	"	67,30	44	35	40	33	(35,1)
6	40	"	20,10	"	6 <sup>h</sup> 45'	67,33	27	33	32	30	(33,3)
7	0	"	20,08	"	"	67,37	36	37	36	35	(33,3)
7	20	"	20,05	"	7 <sup>h</sup> 25'	67,30	26	35	30	32	(33,1)
7	40	"	20,07	"	"	67,35	31	39	35	38	(33,1)
8	0	"	20,07	"	8 <sup>h</sup> 5'	67,32	37	27	33	33	(34,8)
"	20	"	20,06	"	"	67,38	42	31	37	38	(34,8)
8	40	"	20,06	ruhig	8 <sup>h</sup> 45'	67,33	27	28	23	32	(32,5)
8	0	"	20,05	"	"	67,38	34	34	33	38	(32,5)
9	20	"	20,10	"	9 <sup>h</sup> 25'	67,33	32	30	35	33	(35,1)
9	40	"	20,07	"	"	67,38	37	35	40	38	(35,1)

refm.

Temperatur der Luft 8,5. N. d. d. d. 9,28. C.

Am 21<sup>ten</sup> Febr 1830 *Postführung* (2)

Decl: S E.

Inclin:

10 Ufr 0 M. 20,02. häufig.  
 10 y 20 y 20,03. y  
 10 y 20 y 20,13. y  
 11 y 0 y 19,86. y  
 11 y 20 y 19,56. y  
 11 y 20 y 19,70. y  
 12 y 0 20,10. y

10<sup>h</sup> 5' 67 31 | 35 | 38 | 35 | 44 || 39,4  
 36 | 41 | 45 | 40 | 49

10<sup>h</sup> 45' 67 42 | 27 | 29 | 28 | 40 || 35,8  
 48 | 32 | 34 | 33 | 45

11<sup>h</sup> 25' 67 40 | 32 | 34 | 34 | 35 || 37,2  
 45 | 26 | 38 | 38 | 40

12<sup>h</sup> 5' 67 35 | 29 | 34 | 30 | 30 || 34,2  
 40 | 34 | 40 | 35 | 35

Am 22<sup>ten</sup> Febr 1830 *St. Theresienberg*

12 Ufr 20 M. 19,92 häufig.  
 1 y 20 y 19,66 y  
 1 y 0 y 19,97 y  
 1 y 20 y 20,00 y  
 1 y 20 y 20,06 y  
 2 y 0 y 20,12 y  
 1 y 20 y 20,05 y  
 1 y 20 y 20,01. y  
 3 y 0 y 19,97 y  
 1 y 20 y 20,08 y  
 1 y 20 y 20,10 y  
 2 y 0 y 20,10 y  
 1 y 20 y 20,10 y  
 1 y 20 y 20,04 y  
 1 y 0 y 20,08 y  
 1 y 20 y 20,06 y  
 1 y 20 y 20,05 y  
 1 y 0 y 20,05 y

12<sup>h</sup> 45' 67 30 | 35 | 36 | 36 | 35 || (36,3)  
 36 | 38 | 39 | 39 | 39

1<sup>h</sup> 25' 67 36 | 40 | 32 | 31 | 32 || (35,9)  
 40 | 42 | 35 | 36 | 35

2<sup>h</sup> 5' 67 30 | 30 | 36 | 38 | 40 || (36,4)  
 35 | 35 | 38 | 40 | 42

2<sup>h</sup> 45' 67 40 | 40 | 31 | 35 | 36 || (37,9)  
 42 | 43 | 34 | 38 | 40

3<sup>h</sup> 25' 67 35 | 30 | 36 | 36 | 29 || (35,1)  
 40 | 33 | 41 | 40 | 31

4<sup>h</sup> 5' 67 26 | 30 | 36 | 32 | 34 || (33,4)  
 30 | 34 | 40 | 35 | 37

4<sup>h</sup> 45' 67 38 | 34 | 34 | 35 | 30 || (35,3)  
 37 | 40 | 40 | 40 | 30

5<sup>h</sup> 25' 67 28 | 32 | 30 | 31 | 31 || (32,1)  
 30 | 36 | 31 | 36 | 36

6<sup>h</sup> 5' 67 30 | 30 | 35 | 38 | 40 || (36,4)  
 35 | 34 | 39 | 40 | 43

In 22 Dezember 1830. Fortsetzung

Pitz

S.E. Decl.

Incl.

Day	Time	Decl.	Incl.	Sum
6	0' 20'	20, 05	6 <sup>h</sup> 45'	17,9
	40'	20, 05		18,5
	0'	20, 06		36,4
7	0'	20, 06	7. 25	17,8
	20'	20, 10		18,6
	40'	20, 10		36,4
8	0'	20, 10	8. 5	17,0
	20'	20, 21		17,6
	40'	20, 14		34,6
9	0'	20, 20	9. 25	17,0
	20'	20, 16		17,6
	40'	20, 22		34,6
10	0'	20, 23	10. 5	17,8
	20'	20, 21		18,2
	40'	20, 20		36,0
11	0'	20, 20	11. 25	17,1
	20'	20, 20		17,7
	40'	20, 22		34,8
12	0'	20, 19	12. 5	17,5
	20'	20, 20		18,0
	40'	20, 22		35,5
	0'	20, 19	12. 5	17,8
	20'	20, 19		18,7
	40'	20, 19		36,5
1	0'	20, 21,5	Oberr. 12. 45	17,1
	20'	20, 13	20, 20 - 20, 25	17,9
	40'	20, 13	20, 12 - 20, 14 45'	35,0
2	0'	20, 09	20, 7 - 20, 11 2 <sup>h</sup> 5'	16,7
	20'	20, 09	20, 7 - 20, 11 2 <sup>h</sup> 5'	17,8
	40'	20, 09	20, 7 - 20, 11 2 <sup>h</sup> 5'	34,5
3	0'	20, 09	20, 7 - 20, 11 2 <sup>h</sup> 5'	33,9
	20'	20, 09	20, 7 - 20, 11 2 <sup>h</sup> 5'	33,5
	40'	20, 09	20, 7 - 20, 11 2 <sup>h</sup> 5'	33,5
4	0'	20, 14	20, 12 - 20, 14 45'	33,4
	20'	20, 14	20, 12 - 20, 14 45'	34,4
	40'	20, 14	20, 12 - 20, 14 45'	33,6
5	0'	20, 18	20, 16 - 20, 20 45'	33,6
	20'	20, 18	20, 16 - 20, 20 45'	35,6
	40'	20, 18	20, 16 - 20, 20 45'	35,6

Nicolai

Oberr. 12. 45

20, 20 - 20, 25

20, 12 - 20, 14 45'

20, 7 - 20, 11 2<sup>h</sup> 5'

20, 7 - 20, 11 2<sup>h</sup> 5'

20, 7 - 20, 11 2<sup>h</sup> 5'

20, 12 - 20, 14 45'

20, 12 - 20, 16 45'

20, 16 - 20, 20 45'

20, 15 - 20, 18 45'

Don 22 December 1830 Landbergung

S.P.

Inclination

Time	Height	Notes	Barometer	Thermometer	Wind	Other
5 Uhr 0' A.	20,16	nüchtern				
" " 20 "	20,20	" " " " " " " "	5 <sup>h</sup> 26'	31   30   32   28   35	32,0	
" " 40 "	20,54	young spruce dynam, "		33   32   34   29   36	33,5	5 <sup>h</sup> 50
5 " 40 "	20,63	young spruce in Luftdruck dynamisch bis 5 <sup>h</sup> 58, auf 20,56. Mill. Stand				
6 " 0 "	20,56		6 <sup>h</sup> 5	33   39   39   38   35	37,2	34   41   40   36   37
" " 20 "	20,085	NE. 20,07-20,10				
" " 40 "	20,31	18,73. 20,27-20,35				
7 " 0 "	20,32		6 <sup>h</sup> 45'	67° 31   37   32   27   34	161	36   41   39   33   40
" " 20 "	20,35	20,30-20,34			189	
" " 30 "	20,45	20,33-20,37.	7 <sup>h</sup> 25'	67° 35   38   27   25   26	131	38   42   28   30   36
" " 40 "	20,66	20,43-20,47			168	
" " 45 "	20,70	20,64-20,68.			31,9	
8 " 0 "	20,61	nüchtern	8 <sup>h</sup> 45'	67° 27   32   26   30   30	135	32   36   40   35   35
" " 12 "	20,36				178	
" " 20 "	20,34				33,3	
" " 25 "	20,22					
" " 30 "	20,24					
" " 35 "	20,32					
" " 40 "	20,41		8 <sup>h</sup> 45'	67° 30   31   31   33   29	154	35   37   37   39   34
9 " 0 "	20,25				182	
" " 10 "	20,11				33,6	
" " 20 "	20,17		9 <sup>h</sup> 45'	67° 30   33   37   35   40   37	36,8	36   36   42   39   45   37
" " 30 "	20,08					
" " 40 "	20,06					
" " 45 "	20,06					
" " 50 "	20,06					
" " 55 "	19,95		10 <sup>h</sup> 5'	67° 32   33   28   27   34	164	37   38   39   41   39
10 " 0 "	19,80				188	
					35,2	

10 U. 8' Dr. 19,52  
 " 15' " 19,42  
 " 20' " 19,30  
 " 25' " 19,05  
 " 30' " 19,02  
 " 35' " 19,05  
 " 40' " 19,09  
 " 47' " 19,09  
 " 50' " 19,06  
 " 55' " 19,09  
 11. u. 0. " 19,22  
 " 5' " 19,34  
 " 10' " 19,40  
 " 15' " 19,49  
 " 20' " 19,54  
 " 26' " 19,62  
 " 30' " 19,69  
 " 35' " 19,68  
 " 40' " 19,67  
 " 45' " 19,65  
 " 50' " 19,70  
 " 55' " 19,71  
 12. u. 0. " 19,71  
 " 5' " 19,71

ausig.  
 Okt. u. 19,42-19,44  
 ausig.  
 19,04 - 19,06  
 19,01 - 19,03  
 ausig.  
 " 19,08 - 19,10  
 19,05 - 19,07  
 19,07 - 19,11  
 ausig.

10	45'	67	34	38	29	28	33	162
		38	43	33	32	37		183
								345

11	24'	67	35	38	34	40	34	181
		38	42	38	43	38		179
								380

19,64 - 19,66.  
 ausig.

12	4'	67	32	32	35	31	34	167
		37	36	39	35	37		184
								338

ausig. 8, 6 R  
 9, 34 L

12. <sup>14</sup> Plan 20' laue Maing 1831 Maing. d. Luft + 9, 25

40. 10' M. 20,30.  
 " " 20' " 20,19  
 " " 40' " 20,10  
 5. " 0' " 19,86  
 " " 20' " 19,77  
 " " 40' " 19,79  
 6. " 0' " 19,80  
 " " 20' " 19,79  
 " " 40' " 19,79  
 7. " 0' " 19,81  
 " " 30' " 19,77  
 " " 40' " 19,72  
 8. " 0' " 19,74  
 " " 20' " 19,71  
 " " 40' " 19,73  
 9. " 0' " 19,72  
 " " 20' " 19,765  
 " " 40' " 19,77  
 10. " 0' " 19,86.  
 " " 20' " 19,91.  
 " " 40' " 19,94  
 11. " 0' " 20,04  
 " " 20' " 20,08  
 " " 40' " 20,14  
 12. " 0' " 20,18

NEU  
 20,09 - 20,11  
 19,84 - 19,86  
 19,75 - 19,83  
 19,78 - 19,82  
 19,78 - 19,80  
 19,80 - 19,82  
 19,74 - 19,80  
 19,69 - 19,75  
 19,70 - 19,78  
 19,68 - 19,74  
 19,72 - 19,74  
 19,45 - 19,48  
 19,75 - 19,79  
 19,93 - 19,95  
 20,03 - 20,05  
 20,06 - 20,10  
 20,15 - 20,21  
 July 28, 32  
 July + 9, 17  
 Aug + 9, 29

Handel A  
 perp. 560 47  
 236 41  
 146° 44' { 67° 36'  
 " " { " 32'  
 326° 44' { 67° 20'  
 " " { " 28'  
 Handel B  
 perp. 55° 31  
 237 35  
 146° 36' { 67° 1'  
 " " { " 2'  
 326° 33' { 67° 40'  
 " " { " 49'  
 Mittel 67° 27, 1/2  
 Handel C  
 perp. 55° 27'  
 237 23  
 146° 25' { 67° 18'  
 " " { " 19'  
 326° 25' { 67° 34'  
 " " { " 38'  
 Handel D  
 perp. 56° 35'  
 236 7  
 146° 21' { 67° 26'  
 " " { " 26'  
 326 21 { 67° 29'  
 " " { " 33'  
 Mittel 67° 27, 9

18, 24.

Beobachtung vom 25<sup>ten</sup> März 1831.

15 13.

		Süd		Freiburg. Luft.		Lüftung	
1	20	20,25	20,23-20,27	5 <sup>h</sup> 67° 47'	67° 23'		
	40	20,27	20,26-20,28	5 <sup>h</sup> 48'	27'		
2	0	20,34		2 <sup>h</sup> 5'	67° 35'	67° 32'	
	20	20,31			40'	26'	
	40	20,31					
3	0	20,30		3 <sup>h</sup> 5'	67° 24'	67° 29'	
	20	20,27	etc. 20,26-20,28		35'	25'	
	40	20,25					
4	0	20,22		4 <sup>h</sup> 5'	67° 40'	67° 37'	
	20	20,15	etc. 20,13-20,17		45'	35'	
	40	20,12,5	20,11-20,14				
5	0	20,09		5 <sup>h</sup> 5'	67° 27'	67° 32'	
	20	20,04			23'	28'	
	40	20,03					
6	0	20,00		5 <sup>h</sup> 55'	67° 35'	67° 39'	
	20	20,04			38'	41'	
	40	20,14	20,13-20,15				
7	0	20,09		7 <sup>h</sup> 5'	67° 29'	67° 39'	
	20	20,09			32'	42'	67° 36'
	40	20,05					
8	0	20,02		8 <sup>h</sup> 5'	67° 41'	67° 29'	67° 35,75
	20	20,03			42'	31'	
	40	20,08					
9	0	20,02		9 <sup>h</sup> 3'	67° 27'	67° 22'	
	20	19,97			67° 31'	27'	67° 26,75
	40	19,65	19,68-19,71				
	50	19,71	19,68-19,72				
	55	19,75	19,73-19,77				
10	0	19,93	19,89-19,97	10 <sup>h</sup> 8'	67° 22'	67° 25'	
					67° 28'	67° 29'	67° 26'

Den 20<sup>ten</sup> März 1831.

Fortsetzung

Instructionen... von dem...  
von dem...  
von dem...

Wp.	Stk.	Stk.	Stk.	Stk.	Stk.	Stk.	Stk.
10	15	19,94	19,94	19,94	19,94	19,94	19,94
2	20	19,93	19,93	19,93	19,93	19,93	19,93
4	20	19,88	19,88	19,88	19,88	19,88	19,88
4	50	19,87	19,87	19,87	19,87	19,87	19,87
11	0	19,89	19,89	19,89	19,89	19,89	19,89
4	20	19,95	19,95	19,95	19,95	19,95	19,95
4	20	20,00	20,00	20,00	20,00	20,00	20,00
12	0	20,11	20,11	20,11	20,11	20,11	20,11
"	20	19,885	19,885	19,885	19,885	19,885	19,885
"	40	20,16	20,16	20,16	20,16	20,16	20,16
1	0	20,17	20,17	20,17	20,17	20,17	20,17
"	20	20,055	20,055	20,055	20,055	20,055	20,055
"	40	19,86	19,86	19,86	19,86	19,86	19,86
2	0	19,90	19,90	19,90	19,90	19,90	19,90
"	20	19,94	19,94	19,94	19,94	19,94	19,94
"	40	19,865	19,865	19,865	19,865	19,865	19,865
3	0	19,775	19,775	19,775	19,775	19,775	19,775
"	20	19,80	19,80	19,80	19,80	19,80	19,80
"	40	19,99	19,99	19,99	19,99	19,99	19,99
4	0	20,02	20,02	20,02	20,02	20,02	20,02
"	20	20,33	20,33	20,33	20,33	20,33	20,33
"	40	20,365	20,365	20,365	20,365	20,365	20,365
5	0	20,19	20,19	20,19	20,19	20,19	20,19
"	20	20,09	20,09	20,09	20,09	20,09	20,09
"	40	19,985	19,985	19,985	19,985	19,985	19,985
6	0	19,865	19,865	19,865	19,865	19,865	19,865
"	20	19,94	19,94	19,94	19,94	19,94	19,94

Silber...  
Silber...

Stk.	Stk.	Stk.
64° 26'	67° 30'	67° 29,75
64° 29'	67° 34'	67° 29,75
12 <sup>h</sup> 3'	64° 28'	67° 29'
12 <sup>h</sup> 3'	64° 31'	67° 27,25
1 <sup>h</sup> 4'	67° 29'	67° 24'
1 <sup>h</sup> 4'	67° 30'	67° 28'
2 <sup>h</sup> 5'	67° 27'	67° 29'
2 <sup>h</sup> 5'	67° 29'	67° 30'
3 <sup>h</sup> 4'	67° 27'	67° 28'
3 <sup>h</sup> 4'	67° 30'	67° 28'
4 <sup>h</sup> 3'	67° 27'	67° 22'
4 <sup>h</sup> 3'	67° 29'	67° 24'
5 <sup>h</sup> 4'	67° 20'	67° 22'
5 <sup>h</sup> 4'	67° 21'	67° 26'
6 <sup>h</sup> 1'	67° 26'	67° 25'
6 <sup>h</sup> 1'	67° 27'	67° 27'

28  
6.012

Inklination.

6. 10. 1978-20,17 | 19,945  
 7. 0. 19,66-20,20 | 19,93  
 7. 20. 19,75-20,0 | 19,875  
 7. 40. 19,43-19,88 | 19,805

u. d. f.	u. d. f.	M
67,25	67,28	134,53
u. 67,27	67,30	134,59
		<hr/>
		269,12
(h. 7. 5'-10')		Mittel. 67,28

8. 0. 19,44-19,80 | 19,77  
 8. 20. ruhig | 19,76

u. d. f.	u. d. f.	M
67,28	67,28	67,30
67,32	67,32	
(h. 8. 5'-10')		

8. 40. 19,66-19,89 | 19,875  
 9. 0. ruhig | 19,89

u. d. f.	u. d. f.	M
67,29	67,17	134,46
67,33	67,21	134,54
		<hr/>
		1,00
(h. 9. 5'-10')		67,25

9. 20. 19,87-19,91 | 19,89

9. 40. 19,98-20,0 | 19,99  
 10. 0. 20,01-20,06 | 20,035

67,18	67,29	134,47
22	33	55
		<hr/>
		1,02
(h. 10. 5'-10')		67,255

10. 20. 20,0-20,10 | 20,05

10. 40. 20,2-20,10 | 20,04<sup>ob</sup>  
 11. 0. 20,12-20,20 | 20,16

67,30	32	134,62
34	36	70
		<hr/>
		1,32
(h. 11. 5'-10')		67,33

11. 20. 20,20-20,28 | 20,24

11. 40. 20,30-20,35 | 20,325  
 12. 0. 20,37-20,49 | 20,43

Temp. <sup>in Gölz.</sup> +9,7  
 d. f. +9,30

2. 21<sup>er</sup> März Furchung

Nicolai

Inclination

Uhr	Min	Sec	Ors	Inclination
12	20'	43	näßig	ob. 67, 24   67, 25   67, 24
"	40'	75	20, 40 - 20, 55	unt. 67, 26   67, 26   67, 26
1	0'	75	20, 55 - 20, 60	7 <sup>h</sup> 2' - 6'
"	20'	75	20, 70 - 20, 80	67, 25, 25
"	40'	66	näßig	ob. 67, 27   67, 30   67, 29
2	0'	56	20, 50 - 20, 62	unt. 7, 28   7, 21   7, 29
"	20'	55	20, 52 - 20, 58	9 <sup>h</sup> 2' - 5'
"	40'	51	20, 44 - 20, 58	
3	0'	40,5	20, 28 - 20, 53	ob. 67, 29   67, 26   67, 25,5
"	20'	39,5	20, 24 - 20, 54	unt. 67, 30   67, 28   67, 28,5
"	40'	38	18, 19 Ding die bisig zur Bekanntschaft 19, 51 und in Firt bei Firt gullen, 19, 91 unentfirt.	3 <sup>h</sup> 4' - 8'
4	0'	37,5	20, 72	67, 24   67, 29   67, 27
"	20'	27,5	20, 05 - 20, 50	4 <sup>h</sup> 5' - 10'
"	40'	20	20, 12 - 20, 28	67, 29   67, 27   67, 28,7
5	0'	16	näßig	5 <sup>h</sup> 1' - 6'
"	20'	14	20, 04 - 20, 22	67, 28   67, 28   67, 28,5
"	40'	10,5	20, 09 - 20, 12	6 <sup>h</sup> 2' - 5'
6	0'	09	20, 08 - 20, 10	
"	20'	05	näßig	
"	40'	06	"	
7	0'	08	"	Reich. 67 26   30
"	20'	07	20, 06 - 20, 08	67 27   30
"	40'	08	näßig	
8	0'	07	Stf.	
"	20'	05	Stf.	
"	40'	05	Stf.	
9	0'	05	"	
"	20'	06	"	
"	40'	04	"	

Lanz. 9, 9  
April 9, 31.

21<sup>te</sup> März 1831. Festsetzung

10. Ufr. 0 M. 20,04. aufj.  
 " " 20 " 20,04 "  
 " " 40 " 20,04 "  
 11. " 0 " 20,04 " 18,47.  
 " " 20 " 20,01 " — aufj.  
 " " 40 " 20,01 "  
 12. " 0 " 20,01 "

Nr.

67° 24 | 67° 20  
 " 31 | " 24

67° 19 | 19  
 " 24 | 23.

Am 21<sup>ten</sup> März Altmühl gen. T. 10 Ufr. Festsetzung

Kundel B. perp. 235° 58  
 56° 13

292° 11  
 146° 51

326 5

Kundel C. perp. 236° 5  
 57° 8

293° 13  
 146° 36

Kundel D. perp. 236° 10  
 237° 42

296° 52  
 146° 23

Kundel E. perp. 236° 19  
 56° 43

292° 62  
 146° 31

326° 31

67° 26  
 27  
 67° 27  
 27

67° 27,95

67° 30,75

18. 20

Qua 4<sup>ta</sup> Mai 1891. Varnia Landqueler

Reich, Dr. Licht + 9, 25 C  
Dr. Licht + 9, 27

St.	M.	SO.	NO.	Ort.	Reich
4	0'	19,73	18,16	unfij	
"	20'	19,77		"	
"	40'	19,78	18,19	"	
5	0'	19,75		"	
"	20'	19,75	18,19	"	
"	40'	19,73		19,70-19,76	In Ob. Dr. Licht + 9, 25 C
6	0'	19,73		19,68-19,72	Dr. Licht + 9, 27
"	20'	19,66.5		19,59-19,74	Dr. Licht + 9, 27
"	40'	19,67.5		19,65-19,70	Buchwald.
7	0'	19,64.		unfij	
"	20'	19,60.		"	
"	40'	19,60.		"	
8	0'	19,60.5		19,54-19,73	
"	20'	19,55.		unfij	
"	40'	19,50		"	
9	0'	19,50.5		19,42-19,53	
"	20'	19,50		unfij	
"	40'	20,00.		"	
"	0'	20,23.		"	
10	0'	20,31		"	
"	20'	20,31.		"	
"	40'	20,31.		"	
11	0'	20,37.		"	
"	20'	20,49.		"	
"	40'	20,52.		"	
12	0'	20,52.		"	

In Ob. Dr. Licht + 9, 25 C  
Dr. Licht + 9, 27

Buchwald.

Am 4<sup>ten</sup> Mai 1851. Fortsetzung.

12 U. 20' A. 20,44. wüßig

Goffmann  
Temp. d. Luft + 9,50  
" d. Gyps: + 9,27

12h. 40'	A	20,44	wüßig
1h. 0'		20,60	"
1h. 20'		20,65	"
1h. 40'		20,60	"
2. 0.		20,46	"
2. 20.		20,65	"
2. 40.		20,60.	"
3. 0.		20,60	"
3. 20.		20,67.	"
3. 40.		20,65.	"
4. 0.		20,67	"
4. 20.		20,60	"
4. 40.		20,55	"
5. 0.		20,51.	"
5. 20.		20,30	"
5. 40.		20,26	"
6. 0.		20,25.	wüßig
6. 20.		20,14	wüßig
6. 40.		20,15	wüßig
7. 0.		20,06	"
7. 20.		20,04	"

weil es scheint als sey die Höhe der Thaler nicht natürlich, sondern in Folge einer Abnahme von etwas Eisen in Verbindung.

Gülser Temp. d. Luft + 9,75  
" d. Gyps. + 9,27

20. 22

4<sup>te</sup> Mai 1831. Fortsetzung.

	P.	N.P.	Uer.
7 <sup>h.</sup> 40'	20.02.	18.40.	aufj.
8 " 0 "	19.85.	18.24.	"
8 " 20 "	19.78.		"
8 " 40 "	19.75.	18.17.	"
9 " 0 "	19.79.		"
9 " 20 "	19.84.	18.25.	"
9 " 40 "	19.81.		"
10 " 0 "	19.83.		"
10 " 20 "	19.81.		"
10 " 40 "	19.81.		"
11 " 0 "	19.66.		"
11 " 20 "	19.74.	18.18.	"
11 " 46 "	19.755		19,68 - 19,29
( 11 " 50 "	19.785		19,72 - 19,85 )
12 " 0 "	19.795		19,74 - 19,85

5<sup>te</sup> Mai 1831.

0 <sup>h.</sup> 20' M.	19,79.	19,78 - 19,80
4 " 40' "	19,81.	19,80 - 19,82
1 " 0' "	19,905	19,90 - 19,95
4 " 20' "	19,91.	19,90 - 19,92
" " 40' "	19,77	aufj.
7 " 50' "	19,70.	
2 " 0' "	19,59.	19,57 - 19,61
" " 10' "	19,64.	19,61 - 19,67
" " 20' "	19,69.	19,68 - 19,70
4 " 40' "	19,68	aufj.
3 " 0' "	19,78.	19,77 - 19,79
" " 15' "	19,86.	
" " 20' "	19,85.	19,84 - 19,86
" " 40' "	19,80.	aufj.
4 " 0' "	19,69.	19,68 - 19,70

Reicht. Aug. 19,86  
Sept. 9,29

Spitzig.

"

19,75 - 19,77

19,66 - 19,74

19,62 - 19,72

19,60 - 19,66

19,56 - 19,65

19,61 - 19,66

19,65 - 19,67

nützig

19,71 - 19,73

nützig

19,76 - 19,85

19,86 - 19,94

19,89 - 19,91

19,93 - 19,98

nützig.

Langsdorff 9,96  
H. Just 9,29 C

Pila

- 4 Or. 20' 19,62
- " " 40' 19,68
- 5. " 0' 19,68
- " " 20' 19,77
- " " 40' 19,70
- " " 50' 19,67
- 6. " 0' 19,63
- " " 20' 19,605
- " " 40' 19,635
- 7. " 0' 19,66
- " " 20' 19,68
- " " 40' 19,65
- 8. " 0' 19,72
- " " 20' 19,76
- " " 40' 19,805
- 9. " 0' 19,90
- " " 10' 19,915
- " " 20' 19,955
- " " 30' 19,99
- " " 40' 19,98
- 10. " 0' 20,07
- " " 20' 20,15
- " " 40' 20,23
- " " 50' 20,26
- 11. " 0' 20,29
- " " 20' 20,31

24

Am 5<sup>ten</sup> May 1831. Fortsetzung.

SE.

11	U. 30'	M. 20, 35	unfig.
	40	20, 38	20, 36 - 20, 40
12	" 0'	20, 40	unfig.
"	20'	20, 43	"
"	40'	20, 45	20, 44 - 20, 46
1	" 0'	20, 45	unfig.
"	20'	20, 45	"
"	40'	20, 46	"
2	" 0'	20, 45	"
"	20'	20, 45	"
"	40'	20, 40	"
3	" 0'	20, 35	"
"	20'	20, 28.5	20, 27 - 20, 30
"	30'	20, 25	unfig.
"	40'	20, 25	"
4	" 0'	20, 22	"
"	20'	20, 16	"
"	40'	20, 11	"
5	" 0'	20, 07	"
"	20'	20, 04	"
"	40'	20, 02	"
6	" 0'	20, 04	SE. "
"	20'	19, 98	18, 92 "
"	40'	19, 95	"
7	" 0'	19, 99	"
"	20'	19, 90	"
"	40'	20, 01	19, 94 - 20, 08
8	" 0'	19, 96	19, 93 - 19, 99

Buchwaldst.  
Kanz. lft. 9: 9.  
" Dr. lft. 9: 29.

Reich. Kupf. lft. 9: 9.  
" Dr. lft. 9: 29.

Den 5<sup>ten</sup> Junii 1821. Fortifikation.

25 23.7

8 Dr. 20' Dr.	19,95
" " 40' "	19,95
9 " 0' "	19,94
" " 20' "	19,96
" " 40' "	19,99
10. " 0' "	19,96.
" " 20' "	19,94.
" " 40' "	19,94
11. " 0' "	19,96
" " 20' "	19,91
" " 40' "	20,00
12. " 0' "	20,12

Obz.  
19,95-19,96.

19,97-19,98.  
Aufz.

Januar. Luft +9,96  
Juli. +9,32 C

Plan d'Ingenieur 1831,

Verticalitätswahlverfahr.

Januz. Dr. Esch + 9,26  
Reich. Esch. + 9,28 C,

Dr. Kudalberg man  
NE meist, tunc, die drey  
yafolau in andrey, enafpale  
d' Nord zu d' Sueden.

	SE.	NE.	Orth.
4 U. 20' M.	19,49	17,93	19,31-19,67
" " 40' "	19,55		19,47-19,63.
5 " 0' "	19,52		19,48-19,56
" " 20' "	19,51		19,49-19,53.
" " 40' "	19,43		19,41-19,45.
6 " 0' "	19,45		nafy.
" " 20' "	19,44		"
" " 40' "	19,42	17,85	"
7 " 0' "	19,38		"
" " 20' "	19,32		"
" " 40' "	19,30		"
8 " 0' "	19,34		"
" " 20' "	19,34		"
" " 40' "	19,45		19,40-19,50.
9 " 0' "	19,52		19,29-19,65
" " 20' "	19,55		19,45-19,65
" " 40' "	19,78		19,46-19,80
10 " 0' "	19,99		nafy.
" " 20' "	20,04		"
" " 40' "	20,04		"
11 " 0' "	20,05		20,06-20,08
" " 20' "	20,13		nafy.
" " 40' "	20,24		20,22-20,26.
12 " 0' "	20,24		nafy.

Inclination.

67° 0'	11	8	8	8	7,1
21	13	7	5	9	

Am 21<sup>ten</sup> Juni 1831. fortsetzung. 27 25.

Buchwalds Judination

	St	SE. NE.			
12 U.	20 <sup>m</sup>	20,36.	nüchig	67, $\frac{8}{51}$   $\frac{5}{2}$   66, $\frac{58}{55}$   67,0   $\frac{29}{2}$   67, $\frac{8}{2}$	
"	40 "	20,45.	"	67, $\frac{4}{5}$   $\frac{5}{2}$   66, $\frac{50}{25}$   67,0   $\frac{29}{2}$   67, $\frac{8}{2}$	
"	0 "	20,51.	"		66, $\frac{50}{29}$
"	20 "	20,58.	"		
"	40 "	20,68.	"	67, $\frac{0}{6}$   $\frac{7}{2}$   $\frac{1}{0}$   $\frac{10}{11}$   $\frac{8}{9}$   $\frac{5}{2}$   67, $\frac{1}{2}$	
2 "	0 "	20,515.	20,50 - 20,53		
"	20 "	20,50.	nüchig.		
"	40 "	20,445.	20,43 - 20,40.	67, $\frac{0}{8}$   $\frac{3}{2}$   $\frac{3}{5}$   $\frac{6}{9}$   $\frac{15}{9}$	67, $\frac{5}{7}$
"	0 "	20,55.	nüchig.		
"	20 "	20,66.	"		
"	40 "	20,78.	20,76 - 20,72	67, $\frac{16}{10}$   $\frac{7}{5}$   $\frac{11}{9}$   $\frac{10}{5}$	67, $\frac{9}{7}$
4 "	0 "	20,55.	20,54 - 20,52		
"	20 "	20,40.	nüchig.		
"	40 "	20,28.	"	67, $\frac{0}{0}$   $\frac{5}{56}$   $\frac{9}{9}$   $\frac{17}{10}$   $\frac{11}{5}$   $\frac{16}{10}$	67, $\frac{8}{4}$
5 "	0 "	20,29.	"		
"	20 "	20,27.	"		
"	40 "	20,23.	"	67, $\frac{10}{5}$   $\frac{15}{10}$   $\frac{2}{0}$   $\frac{11}{10}$   $\frac{11}{5}$	67, $\frac{7}{9}$
6 "	0 "	20,23.	"		
"	20 "	20,22.	"		
"	40 "	20,06.	"		
7 "	0 "	19,335	19,31 - 19,3	67, $\frac{12}{15}$   $\frac{7}{9}$   $\frac{11}{5}$   $\frac{12}{4}$   $\frac{7}{4}$   67, $\frac{35}{4}$	
"	20 "	19,72	19,59 - 19,83		
"	40 "	19,53.	nüchig		
8 "	0 "	19,75	"	67, $\frac{11}{9}$   $\frac{8}{5}$   $\frac{6}{13}$   $\frac{7}{8}$   $\frac{10}{5}$   67, $\frac{8}{2}$	
"	20 "	19,71.	"		

Lindner



26. 28

*Temperatur am 21. Jun. 1831. Inclin.*

8 u. 40 M. 19,66.  
 9 " 0 " 19,65.  
 " 20 " 19,37.  
 " 40 " 19,14.  
 10 " 0 " 19,40.  
 " 20 " 19,54.  
 " 40 " 19,82.  
 11 " 0 " 19,57.  
 " 20 " 19,32.  
 " 40 " 19,66.  
 12 " 0 " 19,53.  
 " 30 " 19,99.  
 " 40 " 19,35.  
 1 " 0 " 19,105.  
 " 20 " 19,22.  
 " 30 " 19,40.  
 " 40 " 19,76.  
 2 " 0 " 19,54.  
 " 20 " 19,47.  
 " 40 " 19,28.  
 3 " 0 " 19,28.  
 " 20 " 19,45.  
 " 40 " 19,20.  
 4 " 0 " 19,06.  
 " 20 " 19,15.  
 " 40 " 19,26.  
 " 0 " 19,36.

18  
 19,09 - 19,19.  
 19,37 - 19,43  
 19,35 - 19,71.  
 18,95 - 19,12  
 19,06 - 19,15  
 19,15 - 19,29.  
 19,33 - 19,47  
 19,72 - 19,80  
 17,0.  
 17,0.

67° 5' 15" | 12' | 8' | 10' 2,9  
 8' | 10' | 4' | 6' | 11' 2,9  
 67° 16' 11" | 8' | 12' | 3.  
 9' | 13' | 7' | 2. 10. 9,3  
 67° 5' 15" | 12' | 8' | 13.  
 11' | 14' | 27' | 12' 9. 13,4  
 67° 12' 7" | 10' | 14' | 8.  
 5' | 9' | 21' | 7' | 10. 10,3  
 67° 12' | 66° 59' 57" | 15' | 12'.  
 14' | 67° 2' | 18' | 11' | 19'. 9,2  
 67° 10' | 4' | 9' | 8' | 8'. 9,9  
 13' | 7' | 12' | 17' | 11'.  
 67° 9' | 10' | 8' | 12' | 14'. 12,2  
 12' | 17' | 11' | 15' | 17'.  
 67° 3' | 9' | 5' | 8' | 7'. 8,1  
 4' | 17' | 9' | 9' | 10'.  
 67° 8' | 6' | 3' | 7' | 5'. 6,8  
 9' | 8' | 7' | 7' | 8'.

*W. 12*

*Heine*

*wäßig*

*Temp. de Luft + 9,7 C  
Temp. de Wasser + 9,28 C*

*NE. 17,0.*

*9,2*

*9,9*

*12,2*

*8,1*

*6,8*

~~Bestimmung am 27. Juni 1831.~~

~~Geblüch~~

~~SE NE~~

~~5 ufr 20 min~~

~~19, 43~~

~~rufiz~~

~~4 40~~

~~19, 51~~

9,9

9,3

9,4

9,3

9,2

9,2

9,9

9,2

9,1

8

