

# Tabellen

## 1888.

**Magnetische und meteorologische Beobachtungen**

zu Klagenfurt

von

**Ferd. Seeland.**

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**Uebersichten der Witterung**  
in Kärnten

vom k. k. Central-Observatorium

zu Wien.

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**Stunden-Beobachtungen**  
mit dem Heliographen

und das

Witterungsjahr 1888 zu Klagenfurt

**Ferd. Seeland.**

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von

December

**F. Seeland.**

1887.

Tag	Declination zu Klagenfurt					an fremden Stationen				Stand des Grundwassers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	Holzleihen 10° +	Kremsmünster 10° +	Wien 9° +	Ofen 8° +	
	9° + Min.				Min.	Minuten				
1.	59.0	62.3	58.3	59.9	4.0	40.62	35.16	16.8	8.0	437.826
2.	60.3	61.6	59.0	61.3	2.6	41.15	35.69	18.0	8.5	437.821
3.	61.0	62.3	60.3	61.2	2.3	41.58	35.85	18.2	8.8	437.818
4.	60.3	61.0	58.3	59.9	2.7	40.98	35.25	17.7	8.9	437.818
5.	61.0	62.3	59.6	61.0	2.7	41.27	35.65	18.0	8.5	437.818
6.	60.3	63.0	58.3	60.5	4.7	41.87	36.00	17.2	8.6	437.816
7.	61.0	63.7	60.3	61.3	3.4	41.13	36.63	18.2	8.8	437.811
8.	61.0	63.0	59.0	61.0	4.0	41.24	36.04	18.2	8.7	437.806
9.	59.6	63.0	59.0	60.5	4.0	41.86	35.69	17.8	8.6	437.804
10.	59.6	62.3	59.6	60.5	2.7	42.06	35.67	18.0	8.2	437.801
11.	59.0	62.3	60.3	60.5	3.3	41.80	35.79	18.0	8.4	437.796
12.	60.3	63.7	57.6	60.5	6.1	41.56	35.75	18.1	8.5	437.794
13.	58.3	60.3	55.5*	58.0	4.8	41.57	36.57	17.4	8.2	437.788
14.	57.6	62.3	59.0	59.6	4.7	41.42	35.36	17.2	8.3	437.783
15.	60.3	61.6	59.6	60.5	2.0	41.35	36.08	17.9	8.3	437.799
16.	61.6	63.0	56.2	60.3	6.8	42.30	37.37	17.2	8.4	437.778
17.	63.0	63.4	54.8	60.0	8.2	42.61	36.69	18.4	8.5	437.776
18.	61.6	61.6	57.6	60.3	4.0	43.30	36.15	18.5	8.4	437.773
19.	63.0	62.3	57.6	61.0	5.4	41.89	36.12	18.6	8.7	437.773
20.	59.0	63.0	56.2	59.4	6.8	41.42	36.07	16.3	7.9	437.786
21.	60.3	62.3	56.9	59.8	5.4	41.08	36.43	17.4	8.1	437.773
22.	61.6	62.3	58.3	60.7	4.0	41.13	35.57	19.9	9.1	437.771
23.	59.6	60.3	57.6	59.2	2.7	39.87	35.17	17.6	7.8	437.786
24.	58.3	62.3	56.9	59.2	4.0	41.30	35.75	18.4	8.6	437.756
25.	60.3	61.6	56.2	59.4	5.4	40.79	35.77	18.4	8.9	437.751
26.	58.3	61.6	57.6	59.2	4.0	40.91	36.58	18.3	8.7	437.746
27.	58.3	61.0	56.2	58.5	4.8	39.62	34.81	17.4	8.1	437.741
28.	57.6	61.6	59.0	59.4	4.0	40.20	36.55	18.0	8.4	437.736
29.	58.3	61.6	57.6	59.2	4.0	41.51	36.67	17.8	8.4	437.730
30.	59.0	61.6	54.8	58.5	6.8	39.45	36.59	17.2	8.2	437.726
31.	59.0	61.6	57.6	59.4	4.0	41.39	36.97	17.4	8.1	437.718
Mittel	60.0	62.2	57.9	60.0	4.3	41.23	36.01	17.85	8.4	437.780

Die mittlere magnetische Declination in Klagenfurt betrug 10° 0'; mit dem Maximum 10° 1'3" am 2. und 7. und dem Minimum 9° 58'0" am 13.

Die mittlere Tagesvariation war 4'3", mit dem Maximum 8'2" am 17. und dem Minimum 2'0" am 15.

Am 13. eine Störung.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %	
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>		
1.	27.0	30.3	33.4	30.4	+ 7.7	- 0.5	1.8	1.4	0.9	+ 1.5	9	6	53.0	
2.	36.2	36.5	36.7	36.5	+13.7	1.2	3.0	1.5	1.9	+ 2.9	3	5		
3.	36.0	31.7	29.8	32.5	+ 9.7	- 0.3	1.4	- 1.7	- 0.2	+ 1.3	10	6		
4.	26.2	23.7	21.7	23.9	+ 1.0	- 3.0	0.2	- 0.4	- 1.1	+ 0.8	4	6	53.0	
5.	19.6	19.9	20.8	20.1	- 2.8	0.4	3.4	3.0	2.3	+ 4.5	3	5		
6.	21.5	20.7	20.4	20.9	- 2.0	3.3	5.7	3.8	4.3	+ 6.6	6	6		
7.	15.6	15.4	18.4	16.5	- 6.5	3.0	4.3	0.9	2.7	+ 5.1	10	11	23.8	
8.	19.2	20.7	23.5	21.1	- 1.9	- 0.2	1.4	- 3.0	- 0.6	+ 3.1	12	6		
9.	21.8	18.9	18.7	19.8	- 3.2	- 3.3	- 1.6	- 1.8	- 3.2	- 0.6	10	6		
10.	16.6	18.1	21.4	18.7	- 4.4	- 2.6	0.8	- 0.3	- 0.7	+ 2.0	4	5	23.8	
11.	17.7	18.3	21.9	19.3	- 3.8	- 0.3	1.3	- 1.0	0.0	+ 2.9	5	5		
12.	23.8	24.0	25.9	24.4	+ 1.2	- 3.3	- 1.8	- 2.8	- 2.6	+ 0.5	10	5		
13.	29.5	29.0	28.0	28.8	+ 5.6	- 2.7	- 0.6	- 2.6	- 2.0	+ 1.4	9	5	60.2	
14.	25.6	23.4	22.4	23.8	+ 0.6	- 3.4	2.0	0.2	- 0.4	+ 3.2	7	4		
15.	19.6	18.4	18.9	19.0	- 4.3	0.4	1.6	1.0	1.0	+ 4.7	5	5		
16.	22.5	24.8	25.7	24.3	+ 1.0	0.7	2.2	1.4	1.4	+ 5.3	5	4	60.2	
17.	23.6	22.5	23.8	23.3	0.0	0.3	1.4	0.2	0.6	+ 4.7	7	6		
18.	23.7	20.3	20.2	21.4	- 2.0	0.0	1.6	0.3	0.6	+ 5.0	5	5		
19.	17.7	11.6	08.4	12.6	-10.8	- 0.7	1.1	- 1.1	- 0.2	+ 4.3	5	5	77.1	
20.	09.3	11.3	12.9	11.2	-12.2	- 2.8	- 1.5	-10.8	- 5.0	+ 0.1	7	5		
21.	13.4	14.6	16.9	15.0	- 8.5	-11.8	- 9.2	-11.0	-10.7	- 5.3	5	5		
22.	19.7	19.7	18.2	19.2	- 4.3	-16.0	-11.4	- 9.8	-12.4	- 6.8	7	5	50.6	
23.	16.5	15.2	13.7	15.1	- 8.5	- 8.4	- 5.1	- 5.4	- 6.3	- 0.7	8	6		
24.	12.5	10.5	10.3	11.1	-12.5	- 5.8	- 3.4	- 5.1	- 4.8	+ 0.8	9	5		
25.	13.3	14.6	16.4	14.8	- 8.8	- 8.8	- 9.9	-10.2	-13.8	-11.3	- 5.9	11	5	7.2
26.	16.0	14.1	13.7	14.6	- 9.0	-15.2	-13.2	-12.3	-13.6	- 8.3	11	8		
27.	13.8	14.2	14.1	14.0	- 9.7	-10.6	- 6.5	- 7.6	- 8.2	- 2.9	9	6		
28.	12.5	11.2	13.4	12.4	-11.3	-10.5	- 7.2	-13.8	-10.5	- 5.0	6	6	20.5	
29.	18.0	17.6	17.7	17.6	- 6.1	-19.2	-16.2	-17.9	-17.8	-12.0	5	6		
30.	17.7	15.7	18.2	17.2	- 6.5	-16.3	-10.0	-10.8	-12.4	- 6.2	6	5		
31.	22.7	23.2	24.9	23.8	0.0	-16.8	- 6.6	-14.2	-12.5	- 6.0	7	5	56.0	
Mitt.	20.28	19.68	20.32	20.09	-3.12	5.07	-2.30	4.31	-3.90	+0.01	7.1	5.6	1.12	

Am 1. Schneien; am 13. 5<sup>h</sup> 46' ein schönes Meteor mit circa 3 m langem Lichtschweif beobachtet. Es fiel am nördlichen Himmel, durch den kleinen und die Deichsel des grossen Bären von O gegen W schief nieder; am 15. Schneien in 2—3 cm. grossen Flocken.

# im December 1887. Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag	Schneehöhe	
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>			m/m
4.0	4.6	4.6	4.4	90	88	96	91	11	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>2</sup>	2.3 *		
4.4	4.4	4.4	4.4	89	78	85	84	10	7	10	9	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—		
3.7	3.9	3.8	3.8	83	76	94	84	10	0	0	3	SW <sup>1</sup>	NE <sup>2</sup>	NE <sup>2</sup>	—		
3.3	3.8	3.9	3.7	91	81	89	87	10	6	10	9	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—		
4.4	5.2	5.3	5.0	92	90	93	72	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	0.6		
5.3	6.2	5.6	5.7	95	91	93	93	10	10	10	10	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>2</sup>	1.8		
5.1	5.4	5.5	5.0	90	87	90	89	10	10	10*	10	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>2</sup>	1.0 *		
3.7	4.1	3.1	3.6	81	82	85	83	4	4	0	3	S <sup>1</sup>	NW <sup>2</sup>	NW <sup>2</sup>	10.1	15	
2.3	3.3	3.5	3.0	82	80	88	83	5	10	10	8	NE <sup>1</sup>	NW <sup>1</sup>	NE <sup>2</sup>	—		
3.6	4.2	4.1	4.0	96	87	90	91	10	10	0	7	NW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—		
4.1	4.5	4.3	4.3	92	89	100	94	10*	2	0	4	NE <sup>1</sup>	NW <sup>1</sup>	NW <sup>2</sup>	Spur *		
3.3	3.4	3.2	3.3	91	86	87	88	10	10*	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NW <sup>2</sup>	1.0 * Δ *	6	
3.3	3.9	3.3	3.5	87	88	87	87	10	7	10	9	SE <sup>2</sup>	SW <sup>1</sup>	SW <sup>2</sup>	Spur *		
3.3	4.2	4.0	3.8	93	78	85	85	10	10	0	7	SW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—		
4.4	4.6	4.5	4.5	92	89	90	90	10	10*	10	10	SE <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	1.4 *	10	
4.6	4.9	4.4	4.6	94	91	87	91	10	10	10	10	NE <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	16.5		
4.0	3.0	4.1	4.0	85	76	89	83	10	2	7	Δ	6	SW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	0.2	
4.2	4.7	4.2	4.4	90	91	90	90	10*	10	10	10	10	SE <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	9.0 *	52
3.8	3.6	3.9	3.8	86	72	92	83	10	10	10*	10	10	W <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	8.2 *	48
3.2	3.9	1.5	2.9	85	96	79	87	10	0	0	3	3	W <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>	7.7	56
1.3	1.9	1.5	1.6	74	84	79	79	10	0	0	3	3	NE <sup>1</sup>	SW <sup>1</sup>	NE <sup>2</sup>	—	
1.0	1.8	1.8	1.5	81	97	87	88	10	10*	10*	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	12.8 *	
2.2	2.9	2.7	2.6	91	93	90	91	10*	10*	10*	10	10	NE <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	11.6 *	63
2.4	3.4	2.9	2.9	82	96	93	90	10	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	120
1.8	2.0	1.2	1.7	87	100	75	87	10	0	0	3	3	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
1.1	1.5	1.4	1.3	81	92	81	85	10	8	10	9	9	NW <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	
1.7	2.7	2.1	2.2	86	97	83	89	10*	10*	10*	10	10	SE <sup>1</sup>	SW <sup>1</sup>	NE <sup>2</sup>	1.3 *	64
1.6	2.4	1.2	1.7	80	93	75	83	10	0	0	3	3	W <sup>1</sup>	NW <sup>1</sup>	NW <sup>2</sup>	4.8	54
0.7	1.1	0.8	0.9	76	90	73	80	10	0	0	3	3	N <sup>1</sup>	NE <sup>2</sup>	SE <sup>1</sup>	—	
1.0	2.1	1.4	1.5	85	100	72	86	10	7	2	6	6	NE <sup>1</sup>	E <sup>1</sup>	NE <sup>1</sup>	—	
0.9	2.4	2.4	1.9	75	87	87	83	0	0	0	0	0	E <sup>1</sup>	NW <sup>1</sup>	NW <sup>2</sup>	—	
3.02	3.58	3.21	3.28	86.51	87.90	86.58	87.00	9.3	6.5	6.1	7.3	1.0	1.2	1.4	90.3	488	

### Grundwasserstand in Klagenfurt:

K. k. Militärspital	439.880	Meter.
Seeland	437.780	>
Friedhofbrunnen	436.433	>
Wörtherseespiegel	441.499	>
Höchster Pegelstand am 3.	441.545	
Tiefster > > 29.	441.466	

Stationen	Seehöhe Meter	Luftdruck in Millimeter				Luftwärme Celsius °				Dunst- druck mm.	Feuch- tigkeit %	Bewöl- kung	Herr- schender Wind	Niederschlag			Tage			darunter mit						
		Gröste	am	Kleinst.	Mittel	Gröste	am	Kleinste	Mittel					Summe	Gröste in 24h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitt.	Sturm		
Klagenfurt I.	448	736·7	2.	709·3	20.	720·1	5·7	6.	-19·2	28.	-3·9	3 3	87	7·3	NE	90	16	16.	8	3 20	16	11	0	0	0	0
dto. II.	504	—	—	—	—	—	5·4	6.	-18·6	29.	-3·9	—	8·0	NW	—	—	—	1	5 25	7	6	0	0	0	0	
Kappel a. d. Dran	441	—	—	—	—	—	7·7	6.	-20·4	29.	-3·7	—	—	—	—	122	33	7.	—	—	13	9	0	0	0	0
Saager	486	—	—	—	—	—	5·6	6.	-21·4	29.	-3·9	—	—	—	—	93	22	7.	—	—	14	10	0	0	0	0
St. Michael	495	—	—	—	—	—	4·2	6.	-19·8	29.	-3·4	—	7·0	SW	58	15	24.	7	5 20	8	7	0	0	0	0	
Unterdrauburg	343	—	—	—	—	—	6·8	17.	-21·0	29.	-3·4	—	6·8	W	71	26	7.	7	7 17	10	6	0	0	0	0	
Liescha	552	723·6	2.	702·4	24.	711·0	5·5	5.	-19·5	26.	-3·4	—	6·9	W	98	34	8.	6	4 21	11	8	0	0	0	0	
Bad Vellach	805	—	—	—	—	—	4·0	4.	-17·0	29.	-3·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Eisenkappel	554	—	—	—	—	—	6·2	6.	-23·7	29.	-4·5	—	8·1	SE	107	24	15.	3	4 24	12	9	0	0	0	0	
Obir	2047	603·0	2.	576·4	28.	587·9	1·2	4.	-20·0	28	-8·7	2·3	91	6·1	SW	123	17	7.	10	5 16	16	16	0	0	13	
St. Andrä	432	—	—	—	—	—	5·2	6	-25·0	29.	-4·3	—	7·0	—	—	49	9	23	6	7 18	12	9	0	0	0	
Stelzing	1410	—	—	—	—	—	4·6	4.	-18·4	29.	-5·5	—	6·4	NE	—	—	—	5	9 17	—	—	—	—	—	—	
Knappenberg	1045	—	—	—	—	—	4·9	4.	-16·0	29.	-4·7	—	5·0	W	47	9	6.	11	9 11	13	10	0	0	0	0	
Hüttenberg	783	705·7	5.	675·2	24.	690·1	4·7	5.	-16·8	29.	-2·7	—	5·3	—	—	41	10	7.	9	9 13	7	5	0	0	0	
Guttaring	642	—	—	—	—	—	3·8	6.	-19·6	29.	-4·6	—	3·3	NW	47	7	18	13	6 12	13	7	0	0	0	0	
St. Georgen a. L.	556	—	—	—	—	—	4·1	6.	-18·3	29.	-4·1	—	—	—	—	57	11	23	—	—	13	10	0	0	0	
St Veit	496	—	—	—	—	—	4·0	5.	-24·4	29.	-4·3	—	6·9	NW	73	11	8.	0	4 27	11	8	0	0	0	0	
Lind	526	—	—	—	—	—	4·4	6.	-20·3	29.	-4·5	—	6·3	NE	98	25	15.	8	4 19	9	8	0	0	0	0	
Pörtschach	464	—	—	—	—	—	5·4	6.	-15·4	28. 31.	-3·4	—	6·7	SW	—	—	—	7	4 20	10	8	0	0	0	0	
Radweg	692	—	—	—	—	—	4·2	6.	-17·6	29.	-4·4	—	7·1	W	89	19	15.	5	6 20	14	11	0	0	0	0	
Sirnitz	800	—	—	—	—	—	4·0	6.	-16·0	29	-3·5	—	6·3	—	—	69	15	23.	7	7 17	10	8	0	0	0	
Reichenau	1059	—	—	—	—	—	8·5	4.	-19·4	31.	-5·4	—	5·6	NE	41	14	18.	12	3 16	12	8	0	0	0	0	
Bad Villach	488	—	—	—	—	—	6·0	6.	-20·0	26. 29. 31.	-4·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Bleiberg	927	694·4	2	668·5	24.	678·5	7·0	4.	-17·5	29.	-4·8	3·1	90	4·4	W	174	50	18	16	4 11	7	6	0	0	0	
Sainnitz	805	703·1	2	677·5	19.	688·0	6·0	5.	-18·8	26.	-5·1	3 1	91	5·7	NE	175	60	18.	8	8 15	13	8	0	0	0	
Raibl	981	—	—	—	—	—	9·4	3.	-14·0	29.	-3·8	—	5·3	W	174	55	15.	12	4 15	13	10	0	0	0	0	
Tröpolach	593	—	—	—	—	—	3·2	6.	-24·2	29.	-6·4	—	5·1	E	106	21	16.	15	7 9	12	10	0	0	0	0	
Waidegg	640	—	—	—	—	—	4·2	6.	-18·4	31.	-5·2	—	5·8	SE	—	—	—	10	7 14	10	7	0	0	0	0	
Cornat	1067	683·0	2.	661·0	27.	668·9	3·4	6.	-16·3	30.	-4·2	—	5·3	SW	156	90	15.	13	7 11	7	5	0	0	0	0	
Lienz	679	715·5	2.	688·4	19.	701·0	4·9	5.	-20·6	20.	-4·9	3 0	88	5·1	NW	51	19	15	11	9 11	11	8	0	0	0	
Greifenburg	713	—	—	—	—	—	6·2	6.	-19·4	29	-4·6	—	5·8	W	39	12	15.	10	8 13	7	6	0	0	16		
Gmünd	728	—	—	—	—	—	7·0	6.	-19·4	30.	-5·5	—	4·2	—	—	63	29	15.	15	5 11	4	4	0	0	2	
Maltein	824	—	—	—	—	—	7·2	6.	-15·8	29	-4·0	—	5·3	NW	47	17	15	10	6 15	11	10	0	0	0	0	
Sonnblick	3093	527·7	2.	499·2	28.	511·6	4·2	9.	-29·4	28.	-15·5	—	92	7·1	SW	—	—	—	4	6 21	15	15	0	0	6	
St. Peter (i. Katschth.)	1217	—	—	—	—	—	4·6	5.	-15·2	28.	-5·4	—	—	5·5	N	47	24	15.	9	8 14	8	8	0	0	0	

# Magnetische Declinations-Beobachtungen zu Klagenfurt

Jänner

von  
**F. Seeland.**

1888.

Tag	Declination zu Klagenfurt					an fremden Stationen				Stand des Grundwassers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	Holzleithen 10° +	Kremsmünster 10° +	Wien 9° +	Ofen 8° +	
	9° + Min.				Min.	Minuten				
1.	58.3	61.0	57.6	59.0	3.4		33.74	17.9	8.5	437.714
2.	58.3	61.0	56.2	58.5	4.8		31.35	17.2	8.9	437.713
3.	58.3	61.6	58.3	59.4	3.3		32.30	18.4	9.0	437.709
4.	58.3	61.6	57.6	59.2	4.0		35.28	19.2	8.9	437.716
5.	57.6	61.6	57.6	58.9	4.0		35.03	18.0	8.6	437.726
6.	56.9	62.3	57.6	58.9	5.4		34.75	18.3	9.3	437.746
7.	57.6	60.3	56.9	58.2	3.7		35.75	18.1	8.4	437.766
8.	58.3	61.6	61.6	60.5	3.3		36.83	17.9	10.0	437.776
9.	56.9	59.6	59.0	58.5	2.7		36.64	17.3	8.2	437.786
10.	58.3	60.3	54.8	57.8	5.5		36.24	17.2	7.9	437.786
11.	58.3	62.3	57.6	59.4	4.7		36.73	17.5	8.7	437.796
12.	57.6	62.3	57.6	59.2	4.7		36.68	17.5	8.8	437.782
13.	59.0	62.3	55.5	58.9	3.8		33.85	17.0	6.2	437.771
14.	58.3	60.3	53.4	57.3	6.9		33.47	16.6	7.2	437.753
15.	60.3	62.3	57.6	60.1	4.7		35.09	18.2	9.2	437.741
16.	57.6	61.6	57.6	58.9	4.0		34.45	17.4	8.8	437.733
17.	61.6	61.0	56.9	59.8	4.7		35.10	18.1	9.3	437.721
18.	56.9	63.0	57.6	59.2	6.1		34.84	18.1	8.6	437.701
19.	58.3	61.6	57.6	59.2	4.0		35.84	17.3	8.0	437.691
20.	57.6	60.3	56.9	58.3	3.4		36.22	17.9	8.8	437.686
21.	57.6	61.0	56.9	58.5	4.1		36.45	16.8	7.9	437.676
22.	57.6	61.0	57.6	58.7	3.4		36.09	16.8	8.0	437.676
23.	56.9	62.3	53.4	57.5	8.9		31.63	16.5	8.5	437.696
24.	56.2	65.1	57.6	59.6	8.9		36.00	17.8	8.3	437.666
25.	56.2	61.0	54.8	57.3	6.2		33.66	16.8	7.8	437.656
26.	56.2	56.9	54.1	55.7	2.8		34.74	14.5	6.6	437.649
27.	55.5	59.6	53.4	56.2	6.2		33.51	15.8	6.9	437.638
28.	57.6	59.0	56.2	57.6	2.8		34.82	17.6	8.6	437.636
29.	56.2	58.2	56.2	56.9	2.0		34.68	17.3	8.5	437.616
30.	56.2	61.0	56.2	58.5	4.8		34.71	17.4	8.8	437.606
31.	56.2	59.6	57.6	57.8	3.4		34.08	17.6	8.6	437.536
Mittel	57.6	61.1	56.8	58.5	4.5		34.85	17.4	8.4	437.707

Die mittlere magnetische Declination in Klagenfurt betrug 9° 58', mit dem Maximum 9° 60.5' am 8. und dem Minimum 9° 55.7' am 26.

Die mittlere Tagesvariation war 4.5', mit dem Maximum 8.9' am 23. und 24. und dem Minimum 2.0' am 29.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>	
1.	25.5	23.6	23.6	24.2	+ 0.4	-23.8	-15.5	-18.2	-19.2	-12.4	6	6	51.2
2.	24.2	23.0	23.1	23.4	+ 0.4	-24.0	-16.5	-18.8	-19.8	-12.9	5	6	57.1
3.	24.8	26.0	28.9	26.6	+ 3.2	-22.5	-13.3	-14.1	-16.6	- 9.8	7	5	58.3
4.	29.4	31.4	31.9	30.9	+ 7.1	-18.7	-11.4	-14.4	-14.8	- 8.1	6	5	47.6
5.	32.1	31.3	32.0	31.8	+ 8.0	-10.4	- 6.0	- 5.9	- 7.4	- 0.8	5	6	
6.	32.4	32.3	32.5	32.4	+ 8.6	- 6.5	- 5.4	-10.0	- 7.3	- 1.0	5	5	
7.	32.7	32.7	34.2	33.2	+ 9.3	- 9.6	- 3.7	- 9.2	- 7.5	- 1.3	6	5	47.6
8.	35.4	34.9	35.4	35.2	+11.3	-11.0	- 5.8	- 6.2	- 7.7	- 1.6	9	6	35.3
9.	31.2	27.3	28.3	28.9	+ 5.0	- 6.8	- 0.4	- 0.4	- 2.5	+ 3.5	6	6	20.0
10.	33.4	34.8	35.5	34.6	+10.7	- 3.8	6.9	- 2.8	0.3	+ 6.3	5	5	70.9
11.	36.0	34.1	31.9	34.0	+10.1	- 5.6	- 2.8	- 4.6	- 4.3	+ 1.7	7	5	
12.	29.4	26.3	26.9	27.5	+ 3.6	- 8.8	- 4.8	- 5.8	- 6.5	- 0.5	10	6	43.0
13.	28.6	28.6	29.2	28.8	+ 4.9	- 2.6	0.8	- 6.6	- 2.8	+ 3.2	10	6	87.8
14.	28.4	28.2	29.2	28.6	+ 4.7	-12.7	- 4.6	- 7.4	- 8.2	- 2.1	7	6	57.4
15.	30.2	30.2	32.0	30.8	+ 6.9	-12.8	- 5.4	- 5.4	- 7.9	- 1.7	5	6	28.7
16.	34.0	33.7	33.7	33.8	+10.0	- 9.1	- 3.8	-10.2	- 7.7	- 1.3	5	7	68.2
17.	35.0	34.8	34.5	34.8	+11.0	-16.7	- 8.4	-11.8	-12.3	- 5.8	5	6	
18.	34.6	32.8	32.2	33.2	+ 9.4	- 8.9	- 6.5	- 8.4	- 7.9	- 1.4	8	6	
19.	33.7	34.6	35.5	34.6	+10.8	-11.8	- 8.9	-13.3	-11.3	- 4.9	12	6	36.0
20.	34.4	31.2	30.9	32.2	+ 8.4	-20.1	-10.8	-14.3	-15.1	- 9.0	5	6	68.5
21.	31.5	29.3	27.7	29.5	+ 5.7	-14.7	- 7.1	-10.6	-10.8	- 5.0	4	5	22.5
22.	22.8	19.0	18.0	19.9	- 3.8	-10.6	- 3.5	- 5.2	- 6.4	- 1.0	6	5	
23.	19.7	21.1	24.1	21.6	- 2.1	- 7.6	- 1.6	- 1.7	- 2.6	+ 2.4	4	6	73.3
24.	27.6	27.3	28.6	27.8	+ 4.1	- 4.5	4.8	0.0	0.2	+ 5.1	5	6	59.3
25.	29.8	29.6	28.6	29.3	+ 5.7	- 5.0	- 1.9	- 5.4	- 2.8	+ 2.1	5	6	
26.	25.4	18.3	16.0	20.0	- 3.6	-11.1	- 1.6	- 4.3	- 5.7	- 0.7	4	6	76.9
27.	15.8	16.3	17.6	16.6	- 7.0	- 8.7	- 4.7	- 3.8	- 2.6	+ 2.5	4	7	35.9
28.	14.5	09.1	09.9	11.2	-12.0	- 7.5	- 0.4	- 3.8	- 3.9	+ 1.3	5	6	23.7
29.	09.8	11.7	15.9	12.5	-11.0	- 6.2	- 0.4	- 9.0	- 5.2	- 0.1	9	6	19.3
30.	20.4	19.8	19.5	19.9	- 3.6	-19.3	-10.6	-10.0	-13.3	- 8.3	10	6	
31.	17.5	13.6	12.2	14.4	- 9.0	- 9.6	- 6.0	- 6.9	- 7.5	- 2.8	9	6	
Mitt.	27.75	26.68	27.09	27.17	+3.38	-11.32	-4.61	-8.02	-7.98	-2.09	6.5	5.8	35.1
											6.1		

Am 8. das Wörtherseewasser 20° C Temp.; am 10. Abends herrliches Abendroth; am 10. ein Theil, am 13. der ganze mittlere Wörthersee von Nackonig bis Sag gefroren; herrlicher Spiegel für den Eissport; am 20. der ganze See zugefroren. Die Mondesfinsterniss vom 28. auf den 29. war wegen trübem Himmel nicht zu beobachten.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag	Schneehöhe
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>		
0.3	1.1	0.8	0.4	49	81	77	69	0	0	0	0	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
0.3	1.0	0.7	0.7	49	85	71	68	10	0	0	3	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>2</sup>		
0.5	1.5	7.1	3.0	69	92	75	79	0	0	0	0	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
0.8	1.7	1.0	1.2	77	89	70	79	10	0	0	3	N <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
1.7	2.7	2.6	2.3	86	95	90	90	10	10	10	10	SE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
2.5	3.0	1.8	2.4	92	100	87	93	10	10	10	10	NW <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>		
1.9	3.2	1.7	2.3	91	93	75	86	10	0	0	3	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
1.6	2.6	2.5	2.2	82	90	90	87	10	0	10	7	SW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
2.3	4.5	4.3	3.7	86	100	96	94	10	10	0	7	NE <sup>1</sup>	E <sup>1</sup>	NE <sup>1</sup>		
3.0	3.4	1.3	2.6	89	45	83	72	0	0	0	0	SW <sup>1</sup>	NE <sup>1</sup>	NE <sup>2</sup>		
2.5	5.4	1.3	2.4	85	92	95	91	10	10	10	10	NW <sup>1</sup>	SE <sup>1</sup>	NW <sup>2</sup>		
2.0	2.6	2.5	2.4	88	84	85	86	10	0	0	3	NE <sup>1</sup>	SE <sup>1</sup>	NE <sup>2</sup>		
3.1	3.7	2.2	3.0	83	73	79	78	0	0	0	0	NE <sup>3</sup>	E <sup>2</sup>	NE <sup>2</sup>		
1.4	3.0	2.0	2.1	84	93	78	85	0	6	0	2	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
1.3	2.9	2.7	2.3	80	96	87	88	10	4	10	8	NE <sup>1</sup>	SE <sup>1</sup>	NW <sup>2</sup>		
2.0	3.1	1.6	2.2	88	91	80	86	9	0	0	3	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
1.0	2.2	1.4	1.5	85	94	78	86	10	10	0	7	NE <sup>1</sup>	E <sup>1</sup>	NE <sup>1</sup>		
1.9	2.5	2.0	2.1	85	92	85	87	10	10	10	10	SW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>		
1.4	2.0	1.2	1.5	78	88	76	81	10*	0	0	3	NE <sup>1</sup>	SE <sup>1</sup>	NE <sup>2</sup>	Spur *	2
0.6	1.7	1.0	1.1	63	86	70	75	0	0	0	0	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
1.1	2.4	1.4	1.6	78	93	73	81	10	0	0	3	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
1.5	3.4	2.8	2.6	76	95	90	87	10	9	0	6	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
2.2	2.7	3.3	2.7	86	53	82	74	7	5	0	4	NE <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>		
2.8	3.8	3.8	3.5	86	59	83	76	4	2	0	2	NE <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>		
2.7	4.2	2.7	3.2	88	80	87	85	7	10	0	6	SW <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>		
1.6	3.7	3.1	2.8	82	90	95	89	1	0	10	4	NE <sup>1</sup>	E <sup>1</sup>	NE <sup>1</sup>		
1.9	6.1	3.0	3.7	82	96	89	89	10	8	8	9	E <sup>2</sup>	NW <sup>2</sup>	NE <sup>1</sup>		
2.3	4.2	3.0	3.2	89	94	87	90	7	10	10	9	NW <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	4.0 *	60
1.5	2.4	2.8	2.2	90	94	88	90	10	8	0	6	SW <sup>1</sup>	NW <sup>3</sup>	SW <sup>2</sup>		
0.6	1.9	1.7	1.4	63	97	84	81	0	10	10*	7	NW <sup>1</sup>	NE <sup>1</sup>	SE <sup>2</sup>	2.7 *	32
1.9	2.9	2.8	2.4	91	100	86	92	10	10*	10*	10	W <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	2.1 *	18
1.68	2.89	2.31	2.29	80.81	87.42	82.94	83.71	6.9	4.6	3.5	5.0	1.1	1.1	1.3	8.8	112

Grundwasserstand in Klagenfurt:

K. k. Militärspital	439.640 Meter.
Seeland . . .	437.707 >
Friedhofbrunnen .	436.376 >
Wörtherseespiegel	441.382 >
Höchster Pegelstand am 2.	441.427
Tiefster > > 28.	441.348

Vorläufige Uebersicht der Witterung in Kärnten im Jänner 1888 vom Central-Observatorium in Wien.

Stationen	Seehöhe Meter	Luftdruck in Millimeter					Luftwärme Celsius °					Dunst- druck mm.	Fench- tigkeit %	Bewölkung	Herr- schender Wind	Niederschlag		Tage		darunter mit						
		Gröster	am	Kleinst.	am	Mittel	Gröste	am	Kleinste	am	Mittel					Summe	Gröster in 24h	am	heiter	h. heiter trüb	Nieder- schlag	Schnee	Hagel	Gewitt.	Sturm	
Klagenfurt I.	448	736.0	11.	709.1	28.	727.2	4.8	24.	-24.0	2.	-8.0	2.3	84	5.0	NE	9	4	27.	14	5	12	3	3	0	0	0
dto. II.	504	—	—	—	—	—	7.4	10.	-21.2	2.	-6.8	—	—	5.8	NW	—	—	—	5	14	12	3	3	0	0	0
Kappel a. d. Drau	441	—	—	—	—	—	6.7	10.	-25.0	1.	-8.9	—	—	5.0	SE	13	8	28.	10	10	11	3	3	0	0	0
Saager	486	—	—	—	—	—	5.3	24.	-23.8	2.	-6.8	—	—	—	—	12	8	28.	—	—	—	3	3	0	0	0
St. Michael	495	—	—	—	—	—	5.0	24.	-21.2	2.	-6.7	—	—	4.0	W	7	5	29.	15	7	9	2	2	0	0	0
Unterdrauburg	343	—	—	—	—	—	6.4	24.	-23.0	2.	-6.1	—	—	4.2	E	16	9	28.	13	9	9	3	3	0	0	0
Liescha	552	726.1	17.	702.3	28.	718.1	7.5	24.	-20.0	1.	-5.4	—	—	4.5	W	11	6	31.	11	13	0	2	2	0	0	0
Bad Vellach	805	—	—	—	—	—	7.0	23.	-16.5	1.	-6.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Eisenkappel	554	—	—	—	—	—	5.2	9.	-20.4	1.	-6.3	—	—	—	—	22	16	28.	—	—	—	3	3	0	0	0
Obir	2047	602.2	10.	576.8	29.	593.7	0.0	26.	-19.7	30.	-9.1	2.0	82	4.1	W	26	6	28.31.	15	6	10	5	5	0	0	10
St. Andrä	432	—	—	—	—	—	5.5	10.	-25.4	2.	-8.0	—	—	5.6	—	2	2	30.	10	11	10	2	2	0	0	0
Stelzing	1410	—	—	—	—	—	3.4	26.	-16.0	30.	-5.4	—	—	4.8	W	—	—	—	10	15	6	—	—	—	—	—
Knappenberg	1045	—	—	—	—	—	4.8	23.26.	-17.2	1.	-4.6	—	—	2.9	NW	11	8	10.	18	10	3	4	4	0	0	0
Hüttenberg	783	704.8	11.	679.6	29.	696.3	7.6	23.	-16.0	1.	-3.5	—	—	2.8	N	9	9	9.	18	11	2	1	0	0	0	0
Guttaring	642	—	—	—	—	—	7.2	24.	-20.0	1. 2.	-3.3	—	—	3.2	N	7	4	9.	18	6	7	4	3	0	0	0
Eberstein	640	—	—	—	—	—	9.2	9.	-18.8	2.	-6.1	—	—	3.7	S	—	—	—	11	17	3	2	2	0	0	0
St. Georgen a. L.	556	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St Veit	496	—	—	—	—	—	8.2	10.	-23.0	1.	-7.6	2.5	89	3.0	W	2	1	31.	24	1	6	3	2	0	0	0
Lind	526	—	—	—	—	—	9.1	24.	-19.2	1.	-7.1	—	—	4.1	NE	4	2	28.	13	6	12	3	3	0	0	0
Pörtschach	464	—	—	—	—	—	5.0	10.	-19.2	30.	-7.0	—	—	3.9	SW	—	—	—	18	2	11	3	3	0	0	0
Radweg	692	—	—	—	—	—	6.4	24.	-16.8	2	-5.9	—	—	3.5	N	6	2	30.	14	9	8	3	3	0	0	0
Sirnitz	800	—	—	—	—	—	9.3	9.	-16.0	1. 2.	-4.5	—	—	3.3	S	4	2	30.	17	6	8	3	3	0	0	0
Reichenau	1059	—	—	—	—	—	8.8	26.	-19.0	1.	-5.4	—	—	3.0	NE	5	4	9.	20	4	7	3	2	0	0	0
Bad Villach	488	—	—	—	—	—	6.4	24.	-23.0	2.	-8.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Saifnitz	805	702.2	11.	676.9	28.	694.0	5.8	24.	-21.2	1.	-7.2	2.5	89	3.1	NE	7	6	29.	19	6	6	3	3	0	0	1
Raibl	981	—	—	—	—	—	10.0	9. 24.	-20.0	30.	-3.6	—	—	2.4	N	—	—	—	22	4	5	3	3	0	0	0
Tröpolach	593	—	—	—	—	—	5.0	24.	-25.1	1.	-10.2	—	—	2.9	E	5	3	30.	22	1	7	3	3	0	0	0
Waidegg	640	—	—	—	—	—	11.4	9.	-18.0	1.	-6.8	—	—	2.5	SE	—	—	—	24	3	4	3	3	0	0	1
Cornat	1067	682.9	8.	657.2	29.	674.2	5.6	24.	-11.7	30.	-2.8	—	—	5.6	SW	28	26	10.	5	11	15	3	2	0	0	0
Lienz	679	715.0	19.	689.5	28.	706.8	11.7	9.	-18.6	6.	-5.0	2.5	78	2.6	NW	19	17	9	20	8	3	3	1	0	0	0
Oberdrauburg	610	—	—	—	—	—	12.0	9.	-18.0	1.	-4.9	—	—	2.6	NW	4	4	9.	16	9	6	1	0	0	0	0
Greifenburg	713	—	—	—	—	—	9.9	9.	-17.0	2.	-4.7	—	—	2.7	W	2	2	30.	16	8	7	1	1	0	0	0
Gmünd	728	—	—	—	—	—	11.0	9.	-19.4	3.	-4.6	—	—	2.6	N	0	0	0	20	6	5	0	0	0	0	0
Maltein	824	—	—	—	—	—	10.4	9.	-16.2	1.	-3.3	—	—	3.4	NW	16	10	10.	18	6	7	3	2	0	0	0
St. Peter i. K.	1217	—	—	—	—	—	5.3	9.	-17.4	1.	-4.8	—	—	3.8	N	13	9	9.	15	7	9	4	3	0	0	1

\* Heiligenblut und Sonnblick nicht eingelangt.

# Magnetische Declinations-Beobachtungen zu Klagenfurt

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Februar

von  
**F. Seeland.**

1888.

Tag	Declination zu Klagenfurt					an fremden Stationen				Stand des Grundwassers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	*Holzleithen 10° +	Kremsmünster 10° +	Wien 9° +	Ofen 8° +	
	9° + Min.				Min.	Minuten				
1.	56.2	59.0	56.2	57.1	2.8	34.17	17.2	8.9	437.572	
2.	56.9	60.3	56.2	57.8	4.1	33.04	17.2	9.4	437.560	
3.	56.2	59.0	53.4	56.2	5.6	34.58	16.4	9.0	437.551	
4.	56.2	57.6	56.2	56.7	1.4	34.99	17.2	8.4	437.533	
5.	57.6	61.6	55.5	58.2	6.1	36.74	18.9	9.8	437.531	
6.	56.2	59.0	56.2	57.1	2.8	35.72	17.5	8.7	437.513	
7.	55.5	56.9	54.8	55.7	2.1	35.54	17.6	8.7	437.504	
8.	53.4	56.2	55.5	55.0	2.8	35.69	17.2	8.5	437.490	
9.	52.8	57.6	53.4	54.6	4.8	33.91	16.6	8.7	437.476	
10.	54.1	58.3	52.8	55.1	5.5	35.38	15.3	8.9	437.473	
11.	58.3	56.9	51.4	55.5	5.5	33.68	17.2	8.9	437.456	
12.	56.2	56.9	53.4	55.5	3.5	33.76	17.3	9.0	437.446	
13.	54.8	55.5	54.8	55.0	0.7	34.85	16.1	8.0	437.433	
14.	54.1	56.2	54.8	55.0	2.1	34.21	16.6	8.6	437.419	
15.	54.8	58.3	54.1	55.7	4.2	34.08	16.7	8.4	437.411	
16.	54.8	58.3	49.4	54.2	8.9	35.09	13.7	7.5	437.406	
17.	53.4	58.3	50.7	54.1	7.6	35.57	15.7	8.2	437.396	
18.	52.8	57.6	54.1	54.8	4.8	35.75	17.4	8.7	437.406	
19.	54.8	59.0	52.1	55.3	6.9	33.41	15.2	7.3	437.406	
20.	54.1	57.6	52.8	54.8	4.8	35.16	16.7	8.7	437.395	
21.	54.1	56.2	50.7	53.7	5.5	33.58	16.3	8.8	437.367	
22.	52.1	57.6	53.4	54.4	4.5	34.98	17.2	8.2	437.364	
23.	54.8	59.6	52.8	55.7	6.8	34.98	17.5	8.4	437.356	
24.	53.4	56.2	48.0*	52.5	8.2	34.54	16.7	7.7	437.346	
25.	52.8	57.6	53.4	54.6	4.8	33.97	17.7	8.4	437.336	
26.	53.4	56.2	53.4	54.3	2.8	34.94	17.3	8.2	437.326	
27.	54.1	57.6	52.8	54.8	9.8	34.01	17.6	8.2	437.316	
28.	54.1	58.3	47.3*	53.2	11.0	32.96	17.5	8.5	437.306	
29.	54.8	59.0	53.4	55.7	5.6	34.17	17.2	8.2	437.299	
Mittel	54.7	57.9	53.5	55.3	4.9	34.60	16.87	8.5	437.428	

Die mittlere magnetische Declination in Klagenfurt betrug 9° 55.3', mit dem Maximum 9° 58.2' am 5. und dem Minimum 9° 52.5' am 24.

Die mittlere Tagesvariation war 4.9', mit dem Maximum 11.0' am 28. und dem Minimum 0.7' am 29. Am 24. und 28. Abends eine Störung.

\* Holzleithen ausgeblieben.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>	
1.	14.4	15.6	19.1	16.4	- 7.0	- 9.3	- 5.5	-12.9	- 9.2	- 4.7	10	5	87.2
2.	23.3	23.4	24.8	23.8	+ 0.5	-15.3	- 8.2	-13.4	-12.3	- 7.9	9	6	55.8
3.	26.6	25.0	25.3	25.6	+ 2.3	-21.6	- 9.6	-13.5	-14.9	-10.6	9	5	66.3
4.	25.1	20.8	19.4	21.8	- 1.4	-16.7	- 6.4	-10.2	-11.1	- 6.9	7	6	
5.	19.6	19.5	16.2	18.4	- 4.8	- 1.3	6.7	3.2	2.8	+ 6.9	6	5	45.8
6.	14.9	15.1	18.1	16.0	- 7.1	- 5.3	7.9	- 1.0	0.5	+ 4.5	6	5	47.4
7.	21.6	21.0	20.7	21.1	- 2.0	- 8.3	- 0.8	- 6.2	- 5.1	- 1.3	10	12	41.2
8.	17.3	15.8	14.7	15.9	- 7.1	-14.2	- 5.0	- 6.9	- 8.7	- 5.0	9	7	21.4
9.	13.7	14.5	17.5	15.2	- 7.7	- 7.6	4.4	- 3.4	- 2.2	+ 1.2	5	6	61.2
10.	20.1	19.5	19.7	19.8	- 3.1	-10.9	- 1.4	- 3.4	- 5.2	- 1.8	5	7	68.7
11.	19.2	18.5	18.7	18.8	- 4.0	- 6.6	1.8	- 3.6	- 2.8	+ 0.6	7	6	50.5
12.	19.6	19.0	18.9	19.2	- 3.6	- 7.5	1.5	- 0.4	- 2.1	+ 1.3	8	6	21.0
13.	19.0	18.9	21.1	19.7	- 3.0	- 2.3	6.8	2.2	2.2	+ 5.6	5	5	19.0
14.	22.0	23.2	22.9	22.7	+ 0.1	2.2	4.8	2.2	3.1	+ 6.5	6	5	4.9
15.	20.5	19.9	16.1	18.2	- 4.4	0.7	3.3	2.6	2.2	+ 5.6	6	5	
16.	12.9	10.9	12.4	12.1	-10.4	1.7	2.2	0.2	1.4	+ 4.7	10	11	
17.	14.1	13.7	13.3	13.7	- 8.7	- 2.5	0.8	- 0.5	- 0.7	+ 2.4	10	10	
18.	9.8	7.7	6.8	8.1	-14.3	- 2.1	2.2	5.2	- 1.7	+ 1.3	12	6	
19.	9.0	10.5	11.7	10.4	-12.9	- 7.6	0.4	- 3.0	- 3.4	- 0.5	8	6	50.5
20.	11.6	12.3	12.5	12.1	-10.1	- 1.1	2.2	- 0.2	0.3	+ 3.0	11	13	42.7
21.	10.8	10.1	11.0	10.6	-11.5	- 0.9	0.2	- 2.7	- 1.1	+ 1.5	13	14	
22.	13.7	13.3	14.5	13.8	- 8.3	- 2.7	1.0	- 1.4	- 1.0	+ 1.4	10	10	
23.	15.8	15.3	13.1	14.7	- 7.3	- 3.8	1.8	- 1.1	- 1.0	+ 1.1	12	8	
24.	10.8	12.0	15.9	12.9	- 9.0	- 3.4	1.7	- 6.8	- 2.8	- 0.9	14	7	
25.	20.2	22.1	24.2	22.2	+ 0.3	- 7.6	1.3	- 1.0	- 2.4	- 0.8	12	6	
26.	25.8	26.2	26.7	26.2	+ 4.4	- 2.5	2.4	- 1.8	- 0.6	+ 0.7	10	10	
27.	26.4	25.8	26.4	26.2	+ 4.5	- 1.3	2.4	- 2.6	- 0.5	+ 0.6	9	12	9.2
28.	25.8	25.4	25.4	25.5	+ 3.8	- 3.8	- 0.4	- 6.2	- 3.5	- 2.7	9	13	
29.	24.9	23.5	23.0	23.8	+ 2.1	- 8.8	- 3.2	- 8.2	- 6.7	- 5.9	10	11	57.4
Mitt.	18.22	17.81	18.36	18.10	+4.53	-5.88	0.53	-3.63	-2.99	+0.08	8.9	7.9	25.8

Am 13. starkes Morgenroth, am 14. Jauk und Glatteis.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag		Schneehöhe m/m
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	m/m	m/m	
1.9	2.0	1.2	1.7	87	68	76	77	10	0	0	3	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>			
0.8	2.0	1.2	1.3	63	82	76	74	5	0	0	2	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>			
0.4	1.9	1.2	1.2	56	87	75	73	1	2	0	1	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>			
0.9	2.6	1.7	1.7	75	96	83	85	10	10	0	7	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>			
1.8	4.3	4.0	3.1	92	53	74	75	5	4	8	6	S <sup>1</sup>	NW <sup>1</sup>	SW <sup>2</sup>			
2.7	2.9	3.3	3.0	88	37	76	67	3	9	0	4	E <sup>2</sup>	NE <sup>2</sup>	NE <sup>2</sup>			
2.0	3.8	2.4	2.7	82	88	84	85	4	10	0	5	NW <sup>1</sup>	SE <sup>2</sup>	NE <sup>1</sup>			
1.2	3.1	2.3	2.2	79	100	86	88	4	4	0	3	NE <sup>1</sup>	E <sup>1</sup>	NE <sup>1</sup>	Spur *		
2.8	5.5	3.1	3.8	89	89	87	88	3	4	0	2	W <sup>2</sup>	NW <sup>1</sup>	SE <sup>1</sup>			
1.5	3.1	3.2	2.6	79	74	91	81	2	2	9	4	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>			
2.5	5.1	2.7	3.4	89	98	78	88	8	4	0	4	NW <sup>1</sup>	NE <sup>1</sup>	SW <sup>1</sup>			
2.2	5.0	3.9	3.7	86	98	89	91	10	7	0	6	SW <sup>1</sup>	NE <sup>1</sup>	SW <sup>1</sup>			
3.6	5.2	4.4	4.4	94	71	82	82	5	6	8	6	NW <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>			
4.4	5.2	4.6	4.7	82	81	85	83	10	10	10	10	SE <sup>2</sup>	SW <sup>1</sup>	NW <sup>1</sup>	1.0 .		
4.7	5.2	4.9	4.9	96	90	89	92	10	10	0	7	NE <sup>1</sup>	E <sup>1</sup>	NW <sup>1</sup>	1.3 .		
4.6	4.9	3.6	4.4	90	81	78	83	10	10*	10	10	E <sup>2</sup>	SE <sup>1</sup>	NE <sup>2</sup>	9.8 **	30	
3.5	4.4	4.0	4.0	92	90	90	91	10	10	10	10	NW <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	7.2		
3.7	3.7	2.8	3.4	94	68	90	84	10*	2	4	5	NE <sup>1</sup>	SE <sup>1</sup>	NW <sup>2</sup>	3.3 *	32	
2.2	3.7	3.3	3.1	89	78	89	85	10	2	4	5	NE <sup>1</sup>	SE <sup>1</sup>	SW <sup>1</sup>			
4.1	4.3	3.8	4.1	96	80	85	87	10*	10*	10*	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	4.5 *	70	
3.9	4.3	3.4	3.9	90	92	92	91	10*	10*	2	7	NE <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	Spur *		
3.5	4.9	3.8	4.1	94	100	92	95	10	10	10	10	SW <sup>0</sup>	SW <sup>1</sup>	NE <sup>1</sup>	4.0 *	50	
3.2	4.9	4.1	4.1	93	93	96	94	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	1.0	8	
3.3	4.9	2.4	3.5	93	94	89	92	10	6	0	5	NE <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	4.2 *	100	
2.1	4.8	4.1	3.7	83	94	96	91	10*	10*	10*	10	NE <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	Spur *		
3.5	4.8	3.5	3.9	92	87	88	89	10	10	10	10	NE <sup>1</sup>	E <sup>1</sup>	NE <sup>1</sup>	2.0 *	20	
3.6	5.3	3.2	4.0	86	96	85	89	10	10	10	10	S <sup>1</sup>	E <sup>1</sup>	NE <sup>2</sup>			
3.1	4.5	2.4	3.3	91	100	84	91	10*	10	1	7	SW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	0.5 *	6	
2.1	3.3	2.0	2.5	91	91	82	88	10	0	0	3	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>2</sup>			
2.77	4.12	3.12	3.34	86.59	84.86	85.07	85.52	7.9	6.6	4.4	6.3	1.0	1.1	1.2	38.8	316	

Grundwasserstand in Klagenfurt:

K. k. Militärspital	439-240 Meter.
Seeland .	437-428 >
Friedhofbrunnen .	435-980 >
Wörtherseespiegel	441-344 >
Höchster Pegelstand am 23.	441-361
Tiefster > > 11.	441-321

Stationen	Seehöhe Meter	Luftdruck in Millimeter				Luftwärme Celsius °				
		Grösster	am	Kleinste.	am	Mittel	Grösste	am	Kleinste	am
Klagenfurt I.	448	726·7	26.	706·8	18.	718·1	6·8	13.	-21·6	2.
dto. II.	504	—	—	—	—	—	8·2	13.	-18·2	3.
Kappel a. d. Drau	411	—	—	—	—	—	7·0	6.	-21·0	3.
Saager	486	—	—	—	—	—	9·1	13.	-19·4	3.
St. Michael	495	—	—	—	—	—	5·2	6.	-17·0	3.
Unterdrauburg	343	—	—	—	—	—	8·4	13. 14.	-19·0	3.
Liescha	552	717·8	27.	699·9	18.	709·7	2·7	13.	-15·5	3.
Bad Vellach	805	—	—	—	—	—	6·5	3.	-14·0	28.
Eisenkappel	554	—	—	—	—	—	6·7	5.	-16·4	3.
Obir	2047	594·1	26.	576·5	18.	586·3	3·2	15.	-18·7	1.
St. Andrä	432	—	—	—	—	—	8·0	19.	-16·3	2.
Stelzing	1410	—	—	—	—	—	2·0	12.	-14·0	1.
Knappenberg	1045	—	—	—	—	—	4·6	15.	-13·7	2.
Hüttenberg	783	696·7	27.	677·3	18.	688·0	6·6	15.	-12·0	3.
Gutting	642	—	—	—	—	—	5·5	6.	-15·0	3.
Eberstein	640	—	—	—	—	—	7·8	13.	-15·2	3.
St. Georgen a. L.	556	—	—	—	—	—	6·2	13.	-14·4	3.
St Veit	496	723·7	4.	703·8	18.	708·4	8·0	5.	-18·4	4.
Lind	526	—	—	—	—	—	8·2	6.	-17·4	3.
Pörtschach	464	—	—	—	—	—	7·2	13.	-20·4	3.
Radweg	692	—	—	—	—	—	6·6	13 6.	-13·0	3.
Sirnitz	800	—	—	—	—	—	4·8	6.	-12·6	3.
Reichenau	1059	—	—	—	—	—	5·4	13.	-16·4	1.
Bad Villach	488	—	—	—	—	—	6·0	5. 6. 14	-16·0	4.
Bleiberg	927	685·5	26.	667·9	18.	677·1	5·9	5.	-15·2	3.
Saifnitz	805	693·9	26.	675·1	18.	686·1	6·6	5.	-17·2	3.
Raibl	981	—	—	—	—	—	9·6	5.	-14·0	3.
Tröpolach	593	—	—	—	—	—	9·0	14.	-21·2	3.
Waidegg	640	—	—	—	—	—	8·0	13.	-16·0	3.
Cornat	1067	672·9	29.	656·8	17.	675·7	5·3	5.	-14·4	1.
Lienz	679	705·6	26.	688·5	18.	698·0	6·3	13.	-13·4	1.
Oberdrauburg	610	—	—	—	—	—	9·1	5.	-12·4	3.
Greifenburg	713	—	—	—	—	—	7·8	6.	-12·2	3.
Sachsenburg	520	—	—	—	—	—	8·5	5. 6.	-11·5	3.
Gmünd	728	—	—	—	—	—	8·0	5.	-16·0	29.
Maltein	824	—	—	—	—	—	8·0	4.	-13·5	1.
St. Peter i. K.	1217	—	—	—	—	—	4·2	4.	-15·3	1.
Sonnblick	3093	516·4	26.	500·3	18.	510·1	9·4	15.	-25·1	1.

Mittel	Dunst- druck mm.	Feuch- tigkeit %	Bewölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit				
					Summe	Grösster in 24h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitt.	Sturm
-3.0	3.3	86	6.3	NE	39	10	15.	6	10	13	13	10	0	0	0
-2.2	—	—	7.4	SE	—	—	—	3	6	20	11	8	0	0	0
-3.4	—	—	7.3	SE	81	24	15.	2	11	16	13	11	0	0	0
-2.7	—	—	—	—	34	8	16.	—	—	—	12	10	0	0	0
-2.9	—	—	5.1	E	19	6	13.	8	8	13	10	10	0	0	0
-2.7	—	—	5.8	E	24	5	16.	7	6	16	8	8	0	0	0
-3.0	—	—	7.1	E	71	21	16.	3	9	17	14	14	0	0	0
-2.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-2.6	—	—	—	—	76	21	15.	—	—	—	13	10	0	0	0
-9.1	2.1	91	7.3	W	74	11	20.	2	8	19	15	15	0	0	9
-3.7	—	—	5.6	—	20	4	17.	6	10	13	9	8	0	0	0
-5.0	—	—	6.9	W	—	—	—	5	6	18	—	—	—	—	—
-3.7	—	—	5.3	SE	32	11	17.	9	11	9	13	13	0	0	0
-1.4	—	—	4.7	W	24	6	16.	8	13	8	7	7	0	0	1
-3.0	—	—	4.9	—	23	5	22.	8	10	11	7	7	0	0	0
-2.7	—	—	5.1	—	—	—	—	7	13	9	7	6	0	0	0
-2.8	—	—	—	—	26	8	16.	—	—	—	11	11	0	1	0
-2.7	3.9	92	7.1	W	15	4	16.	0	14	15	10	8	0	0	0
-2.5	—	—	3.7	NE	78	20	16.	5	8	16	7	5	0	0	0
-3.3	—	—	4.1	W	—	—	—	14	7	8	11	8	0	0	0
-2.8	—	—	6.8	S	72	17	15.16.	4	9	16	12	12	0	0	0
-1.4	—	—	6.5	W	54	9	16	4	8	17	13	12	0	0	0
-4.1	—	—	6.9	S	47	14	15.	5	6	18	12	12	0	0	1
-3.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-3.0	3.5	91	5.3	E	219	61	20.	10	7	12	9	8	0	0	0
-4.1	3.5	91	6.4	NE	105	13	15.	7	8	14	13	12	0	1	0
-3.1	—	—	5.7	N	242	44	15.	10	6	13	12	11	0	0	0
-3.5	—	—	5.7	SE	171	50	15.	11	3	15	15	12	0	0	1
-2.2	—	—	6.4	SE	—	—	—	7	7	15	10	10	0	0	0
-1.7	—	—	7.3	NE	284	123	16.	5	4	20	11	11	0	0	0
-1.5	3.3	80	6.4	NW	194	75	15.	7	6	16	14	12	0	0	2
-1.0	—	—	6.3	NW	139	40	16.	7	5	17	10	9	0	0	0
-1.3	—	—	7.2	E	70	22	14	5	4	20	10	7	0	0	0
0.1	—	—	—	—	105	33	16.	—	—	—	12	11	0	0	0
-2.7	—	—	6.0	NE	48	17	7.	3	10	16	7	5	0	0	0
-1.9	—	—	6.6	NW	94	17	16.	6	5	18	14	14	0	0	0
-4.7	—	—	6.8	E	84	12	16.	6	5	18	15	15	0	0	0
-15.4	—	91	7.6	S	—	—	—	3	5	21	13	13	0	0	0

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von

März

**F. Seeland.**

1888.

Tag	Declination zu Klagenfurt					an fremden Stationen				Stand des Grundwässers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	* Holzleithen 10 <sup>o</sup> +	Kremsmünster 10 <sup>o</sup> +	Wien 9 <sup>o</sup> +	Ofen 8 <sup>o</sup> +	
	9 <sup>o</sup> + Min.				Min.	Minuten				
1.	57.4	60.6	55.8	57.9	4.8	33.68	17.5	8.9	437.291	
2.	56.4	62.0	56.4	58.3	5.6	34.56	17.6	9.2	437.282	
3.	57.1	58.5	54.4	56.7	4.1	35.06	17.1	8.6	437.276	
4.	55.1	59.2	54.4	56.2	4.8	35.14	16.6	8.5	437.263	
5.	56.4	60.6	56.4	57.8	4.2	36.05	17.6	8.7	437.256	
6.	56.4	60.6	57.4	57.8	4.2	35.78	17.1	8.8	437.246	
7.	57.4	62.0	55.8	58.1	6.2	36.03	16.9	8.7	437.236	
8.	56.4	59.2	55.1	56.9	4.1	36.16	16.4	8.7	437.229	
9.	55.8	61.3	52.4	55.5	8.9	35.45	16.0	7.9	437.221	
10.	57.8	61.3	55.1	58.1	6.2	35.50	17.6	9.0	437.212	
11.	56.4	60.6	53.0	56.7	7.6	34.82	17.4	7.7	437.206	
12.	55.1	59.2	55.1	56.5	4.1	34.93	16.9	8.1	437.201	
13.	55.1	60.6	55.1	56.9	5.5	34.21	17.0	8.3	437.196	
14.	54.4	60.6	53.0	56.0	7.6	34.94	16.7	7.8	437.216	
15.	55.1	59.2	55.1	56.5	4.1	35.94	18.2	8.9	437.236	
16.	56.4	60.6	55.1	57.4	5.5	34.73	18.3	8.8	437.244	
17.	54.4	62.0	53.7	56.7	8.3	33.63	14.8	7.3	437.243	
18.	56.4	61.3	49.6*	55.8	11.7	34.16	16.6	7.9	437.326	
19.	54.4	60.6	53.0	56.0	7.6	33.46	17.1	7.7	437.386	
20.	53.7	59.9	53.7	55.8	6.2	34.66	17.0	8.6	437.486	
21.	55.1	59.2	53.7	56.0	5.5	32.81	17.0	7.3	437.576	
22.	55.1	60.6	54.4	56.7	6.2	36.06	16.4	8.4	437.596	
23.	53.7	59.2	51.7	54.9	7.5	34.38	15.1	7.4	437.706	
24.	54.4	61.3	54.4	56.7	6.9	35.01	17.4	8.6	437.721	
25.	53.0	59.9	51.4	55.8	6.9	34.93	17.3	8.4	437.731	
26.	53.7	59.2	55.1	56.0	5.5	34.36	17.0	8.0	437.827	
27.	53.7	61.3	54.4	56.5	7.6	35.40	17.8	8.5	438.886	
28.	53.7	63.3	52.4	56.5	10.9	34.05	17.1	8.9	438.026	
29.	53.0	59.2	53.0	55.1	6.2	33.77	17.2	8.5	438.096	
30.	52.4	59.2	52.4	54.7	6.8	32.53	16.9	8.1	438.226	
31.	52.4	57.8	51.7	54.0	6.1	33.06	16.6		438.301	
Mittel	55.1	60.3	54.1	56.5	6.4	34.68	16.98	8.3	437.483	

Die mittlere magnetische Declination in Klagenfurt betrug 9° 56' 5", mit dem Maximum 9° 58' 1" am 10. und dem Minimum 9° 54' 0" am 31.

Die mittlere Tagesvariation war 6.4', mit dem Maximum 11.7' am 18. und dem Minimum 4.1' am 3., 8., 12. und 15. Am 18. war Abends eine magnetische Störung.

\* Holzleithen ausgeblieben.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>	
1.	23.3	23.0	22.3	22.7	+ 1.1	-11.7	- 3.2	- 6.0	- 7.0	- 6.4	6	11	68.1
2.	20.8	17.0	15.3	17.7	- 3.8	- 9.7	- 2.2	- 8.2	- 6.7	- 6.4	12	7	54.5
3.	12.3	9.5	10.5	10.8	-10.6	-14.1	- 1.4	- 1.9	- 5.8	- 5.7	9	6	79.3
4.	14.0	14.9	15.0	14.6	- 6.8	- 7.6	- 2.2	-10.0	- 6.6	- 6.7	10	4	86.6
5.	13.9	14.2	15.7	14.6	- 6.7	-18.4	- 2.4	- 3.0	- 7.9	- 8.2	9	4	39.3
6.	21.3	22.7	24.7	22.9	+ 1.7	- 9.8	3.5	- 2.0	- 2.8	- 3.3	8	8	67.2
7.	27.0	26.5	26.3	26.6	+ 5.4	- 8.1	3.5	- 2.2	- 2.3	- 2.9	6	5	21.2
8.	26.0	25.9	26.0	26.0	+ 4.9	- 7.2	2.4	- 2.7	- 2.5	- 3.2	6	4	7.9
9.	26.7	25.2	22.9	24.9	+ 3.8	- 9.6	3.5	0.4	- 1.9	- 2.5	5	4	56.1
10.	19.4	15.2	15.2	16.6	- 4.4	- 1.2	9.8	2.6	3.7	+ 3.2	4	3	13.9
11.	15.0	12.5	9.8	12.4	- 8.5	- 1.9	6.8	5.6	3.5	+ 3.1	5	4	56.0
12.	8.9	9.1	9.2	9.1	-10.8	1.4	3.6	0.0	1.7	+ 1.2	8	6	
13.	10.2	9.5	11.6	10.4	-10.4	- 2.1	4.5	1.9	1.4	+ 0.8	7	4	50.4
14.	14.4	13.0	11.6	13.0	- 7.8	- 3.7	4.8	3.3	1.5	+ 0.7	7	4	47.4
15.	9.0	9.4	10.0	9.5	-11.2	1.2	10.0	3.3	4.8	+ 3.7	6	4	61.0
16.	9.1	9.3	10.1	9.5	-11.2	2.0	6.6	3.2	3.9	+ 2.6	0	5	
17.	10.6	10.9	11.2	10.9	- 9.7	2.3	6.0	2.9	3.7	+ 2.1	7	4	
18.	11.9	11.5	10.5	11.3	- 9.3	2.0	1.7	0.8	1.5	- 0.2	9	4	
19.	5.6	10.1	14.8	10.2	-10.3	0.7	6.7	1.5	3.0	+ 1.2	9	9	21.7
20.	20.0	21.2	23.3	21.5	+ 1.0	- 0.3	7.2	- 0.2	2.2	+ 0.3	10	5	46.2
21.	24.7	24.3	24.4	24.6	+ 4.2	- 0.5	5.7	2.3	2.7	+ 0.6	4	5	40.2
22.	21.5	18.7	16.8	19.0	- 1.4	0.9	8.3	3.2	4.1	+ 1.8	9	5	
23.	16.2	16.1	15.4	15.9	- 4.5	1.4	6.0	1.2	2.9	+ 0.2	11	11	28.4
24.	15.7	15.7	15.8	15.7	- 4.6	- 0.6	8.1	3.6	3.7	+ 0.6	4	8	52.0
25.	16.1	15.3	14.9	15.4	- 4.9	0.7	11.4	7.3	6.5	+ 3.0	7	5	60.5
26.	12.7	13.0	13.6	13.1	- 7.1	4.4	14.2	8.2	8.9	+ 5.1	7	4	42.7
27.	12.8	12.6	11.1	12.2	- 8.0	6.8	14.8	12.2	11.3	+ 7.2	7	8	56.8
28.	10.9	11.0	10.5	10.8	- 9.4	9.9	16.9	9.2	11.9	+ 7.6	8	7	34.9
29.	07.8	07.8	12.0	9.2	-11.0	12.7	16.4	7.9	12.3	+ 7.9	8	9	34.6
30.	15.7	15.7	15.9	15.8	- 4.3	2.2	13.8	6.6	7.5	+ 2.3	8	10	61.4
31.	18.0	19.0	20.9	19.3	- 0.8	5.0	9.9	5.5	6.8	+ 1.9	12	8	63.3
Mitt.	15.86	15.50	15.72	15.69	-5.15	-1.77	6.27	1.84	2.14	+0.40	7.4	6.0	40.4

6.7

Am 12. 7<sup>h</sup> morgens Schnee durch 20 Minuten, in dichten, schweren Flocken von 8 Centimeter Durchmesser; am 18. heftiges Regnen mit Schneien, ohne Unterbrechung am 19. fortdauernd. Bäume brachen unter der Schneelast; in den Wäldern grosser Schaden.

im März 1888.

Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag		Schneehöhe mm
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	mm	mm	
15	3.6	2.6	2.6	82	100	90	91	7	0	0	2	NW <sup>2</sup>	NE <sup>1</sup>	NE <sup>2</sup>			
20	3.9	2.1	2.7	94	100	85	93	10	2	0	4	SW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	0.6 *	7	
1.2	4.0	3.7	3.0	79	96	94	90	1	1	10	4	SW <sup>1</sup>	NE <sup>1</sup>	E <sup>1</sup>			
2.0	3.6	1.7	2.4	81	92	80	84	3	0	0	1	NE <sup>1</sup>	NW <sup>2</sup>	NW <sup>1</sup>			
0.7	3.7	3.3	2.6	72	96	91	86	5	5	10	7	NW <sup>2</sup>	NE <sup>1</sup>	NE <sup>2</sup>			
1.8	3.4	3.5	2.9	87	58	90	78	3	5	0	3	NE <sup>1</sup>	SE <sup>1</sup>	SW <sup>1</sup>			
1.4	3.4	3.0	2.6	56	58	77	62	4	10	0	5	NW <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>			
2.2	5.1	2.7	3.3	87	93	72	84	5	10	0	5	SE <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>			
1.7	3.8	3.5	3.0	78	65	75	73	1	5	0	2	N <sup>1</sup>	SE <sup>1</sup>	E <sup>1</sup>			
3.8	4.5	4.9	4.4	90	50	89	76	7	7	0	5	NE <sup>1</sup>	NW <sup>2</sup>	NE <sup>1</sup>	1.0 .		
3.6	4.7	4.1	4.1	90	64	61	72	10	0	10	3	NW <sup>1</sup>	E <sup>1</sup>	SE <sup>2</sup>			
4.4	5.9	4.3	4.8	87	100	92	93	10*	10	0	7	NW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	11.1 **		
3.4	4.3	4.8	4.2	87	68	91	82	10	3	0	4	SW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	8.1		
3.3	4.2	4.1	3.9	95	65	71	77	10	0	10	7	E <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>			
3.7	4.7	4.3	4.2	73	51	75	66	7	0	0	2	W <sup>1</sup>	NW <sup>2</sup>	NE <sup>1</sup>			
4.3	5.6	5.1	5.0	82	71	89	81	10	10	10	10	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	4.5 .		
4.9	4.5	5.2	4.9	89	65	91	82	10	10*	10*	10	NE <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	0.2 .		
4.1	4.7	4.3	4.4	73	91	89	84	10*	10*	10*	10	NW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	36.0 .		
4.5	5.5	4.3	4.8	92	76	83	84	10*	4	2	5	NW <sup>1</sup>	E	NE	57.0 **	190	
4.3	4.8	3.6	4.2	96	64	79	80	10	7	0	6	SW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	12.3 *	15	
3.8	4.8	4.3	4.3	86	70	75	77	10*	3	0	4	NW <sup>1</sup>	SE <sup>1</sup>	SW <sup>1</sup>	0.6 *	5	
4.2	5.5	5.2	5.0	85	67	90	81	10	10	10	10	NW <sup>1</sup>	SW <sup>1</sup>	E <sup>1</sup>	1.5 .	20	
4.4	4.7	4.1	4.4	87	67	82	79	10*	5	0	5	SE <sup>1</sup>	W <sup>1</sup>	SW <sup>1</sup>	12.3 **	20	
3.9	5.1	3.8	4.3	88	63	63	71	10	3	0	4	NE <sup>1</sup>	SE <sup>1</sup>	SW <sup>2</sup>	0.6		
3.6	5.1	4.9	4.5	75	50	65	63	5	4	9	6	NW <sup>1</sup>	SW <sup>2</sup>	SW <sup>1</sup>			
5.3	5.8	5.9	5.7	85	49	73	69	9	5	9	8	SE <sup>0</sup>	NW <sup>2</sup>	NW <sup>1</sup>	0.3 .		
5.9	6.4	6.5	6.3	80	51	62	64	2	5	3	3	W <sup>1</sup>	SW <sup>2</sup>	SW <sup>3</sup>	0.2 .		
6.9	5.9	6.2	6.3	75	42	71	63	5	7	8	7	W <sup>0</sup>	SW <sup>6</sup>	W <sup>4</sup>			
6.8	6.3	4.7	5.9	62	45	59	55	10	7	2	7	SW <sup>5</sup>	SE <sup>4</sup>	E <sup>2</sup>	0.6 .		
4.5	4.5	6.3	5.1	84	39	87	70	3	4	10*	6	NW <sup>1</sup>	SW <sup>3</sup>	SW <sup>2</sup>	2.1		
5.3	4.4	4.4	4.7	81	49	65	65	5	4	0	2	SE <sup>1</sup>	NW <sup>2</sup>	SE <sup>1</sup>	2.6		
3.66	4.72	4.24	4.21	82.51	68.22	70.22	76.64	7.2	5.0	4.0	5.4	10	1.4	1.4	151.6	257	

Grundwasserstand in Klagenfurt:

K. k. Militärspital	439.490 Meter.
Seeland . . . . .	437.483 >
Friedhofbrunnen . . . . .	— >
Wörtherseespiegel	441.548 >
Höchster Pegelstand am 31.	441.901
Tiefster > > 10.	441.308

Stationen	Seehöhe Meter	Luftdruck in Millimeter					Luftwärme Celsius °			
		Grösster	am	Kleinst.	am	Mittel	Grösste	am	Kleinste	am
Klagenfurt I.	448	727·0	7.	707·8	29.	715·7	16·6	28.	—18·4	4.
dto. II.	504	—	—	—	—	—	16·6	29.	—15·6	5.
Kappel a. d. Drau	411	—	—	—	—	—	17·4	28.	—19·4	5.
Snager	486	—	—	—	—	—	19·2	28.	—17·2	5.
St. Michael	495	—	—	—	—	—	—	—	—	—
Unterdrauburg	343	—	—	—	—	—	16·8	28.	—15·0	5
Liescha	552	717·7	7.	700·8	12.	706·8	12·1	28.	—7·1	2.
Bad Vellach	805	—	—	—	—	—	20·0	27.	—17·0	3. 5.
Eisenkappel	554	—	—	—	—	—	17·4	28.	—17·6	5.
Obir	2047	595·5	8.	576·4	19.	585·6	1·0	18.	—19·6	4
St. Andrä	432	—	—	—	—	—	18·3	29	—18·1	5
Stelzing	1410	—	—	—	—	—	8·8	28.	—15·0	2.
Knappenberg	1045	—	—	—	—	—	12·2	28.	—16·9	2.
Hüttenberg	783	697·2	9.	675·8	19.	686·0	14·6	28.	—13·0	2.
Guttinger	642	—	—	—	—	—	14·6	27.	—14·5	5.
Eberstein	640	—	—	—	—	—	18·2	28.	—14·2	5.
St. Georgen a. L.	556	—	—	—	—	—	15·4	28.	—13·2	5.
St Veit	496	724·5	7.	701·2	19.	712·9	16·4	28.	—16·4	5.
Lind	526	—	—	—	—	—	13·0	29.	—15·0	5.
Pörschach	464	—	—	—	—	—	15·4	28.	—17·4	5.
Radweg	692	—	—	—	—	—	15·8	28.	—14·0	5.
Sirnitz	800	—	—	—	—	—	14·3	27.	—13·4	5.
Reichenau	1059	—	—	—	—	—	9·8	28.	—17·8	2.
Bad Villach	488	—	—	—	—	—	—	—	—	—
Bleiberg	927	686·3	7.	668·1	3.	675·0	10·8	28.	—14·7	1.
Saifnitz	805	695·1	7.	674·1	19.	684·4	7·8	27.	—18·0	2.
Raibl	981	—	—	—	—	—	7·4	28.	—15·0	5.
Tröpolach	593	—	—	—	—	—	8·1	31.	—19·2	3.
Waidegg	640	—	—	—	—	—	7·8	27.	—13·0	5.
Cornat	1067	674·7	10.	658·1	29.	664·6	6·3	31.	—7·2	4.
Lienz	679	707·6	7.	685·7	19.	696·0	11·0	27.	—12·6	5
Oberdrauburg	610	—	—	—	—	—	10·3	31.	—12·3	3.
Greifenburg	713	—	—	—	—	—	12·2	27.	—11·8	5
Sachsenburg	546	—	—	—	—	—	21·0	25.	—9·0	5.
Gmünd	728	—	—	—	—	—	—	—	—	—
Maltein	824	—	—	—	—	—	12·6	27.	—11·4	5.
St. Peter i. K.	1217	—	—	—	—	—	6·6	28.	—14·6	1.
Sonnblick	3093	520·3	8.	501·6	5.	509·9	—5·4	28.	—30·2	4.

Mittel	Dunst- druck mm.	Feuch- tigkeit %	Bewölkung	herr- schender Wind	Niederschlag			Tage			darunter mit				
					Summe	Grösster in 24h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitt.	Sturm
2.1	4.2	77	5.4	NW	152	57	19.	9	14	8	15	6	0	0	2
2.4	—	—	7.1	SW	—	—	—	2	9	20	9	5	0	0	1
1.3	—	—	6.8	SW	196	59	18.	1	12	18	18	6	0	1	5
2.4	—	—	—	—	159	60	18.	—	—	—	17	8	0	0	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3.4	—	—	4.9	E	115	49	18.	12	7	12	10	5	0	0	0
2.2	—	—	6.9	W	163	49	19.	1	12	18	10	4	0	0	0
0.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2.4	—	—	—	—	214	77	18.	—	—	—	20	8	0	0	0
-6.2	2.7	91	7.0	SW	201	42	18.	5	8	18	21	20	0	1	18
1.9	—	—	5.3	—	73	29	18.	9	12	10	12	5	0	0	3
-2.2	—	—	6.8	W	—	—	—	4	12	15	—	—	—	—	—
0.0	—	—	4.2	SW	86	28	18.	12	14	5	12	10	0	0	0
1.9	—	—	4.6	W	72	23	19.	12	10	9	10	6	0	0	2
0.7	—	—	3.8	—	73	27	18.	12	10	9	9	3	0	0	1
2.1	—	—	5.5	S	—	—	—	4	16	11	8	3	0	0	0
0.9	—	—	—	—	107	37	18.	—	—	—	14	7	0	1	0
3.9	5.1	95	6.9	W	109	62	19.	2	12	17	15	6	0	0	0
1.7	—	—	5.4	SW	201	43	18.	6	10	15	14	5	0	0	0
1.2	—	—	4.2	SW	—	—	—	12	13	6	13	4	0	0	0
1.6	—	—	5.5	W	101	50	18.	6	11	14	13	6	0	0	0
1.8	—	—	5.7	S	76	16	19.	6	10	15	10	7	0	0	0
-1.1	—	—	6.2	S	79	16	17.	10	6	15	14	10	0	0	6
—	—	—	—	—	196	—	—	—	—	—	—	—	—	—	—
1.2	4.7	90	4.5	W	—	50	17.	13	10	8	11	5	0	0	0
-0.6	4.1	89	6.5	SW	332	54	19.	19	11	1	19	11	0	2	1
-0.3	—	—	6.2	SW	627	92	28.	8	5	18	17	10	0	4	8
-1.1	—	—	5.3	SW	355	70	23.	13	5	13	16	7	0	3	0
0.4	—	—	6.4	SE	—	—	—	12	2	17	15	10	0	2	0
0.9	—	—	6.5	S	246	78	29.	8	7	16	16	12	0	0	1
0.3	4.0	80	6.0	W	173	49	18.	6	9	16	12	8	0	0	0
0.2	—	—	5.2	NW	203	47	29.	12	4	15	11	6	0	0	0
1.2	—	—	6.1	W	197	58	18.	5	11	15	12	6	0	1	0
2.7	—	—	5.7	—	203	41	19.	7	10	14	15	6	0	1	1
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0.8	—	—	6.2	SW	147	32	18.	4	12	15	14	6	0	0	0
-1.4	—	—	6.0	S	205	41	28.	6	11	14	13	12	0	0	0
-13.0	—	91	7.9	S	—	—	—	1	7	23	19	19	0	0	2

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von **F. Seeland.** 1888.

Tag	Declination zu Klagenfurt					an fremden Stationen			Stand des Grundwassers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	Kremsmünster 10° +	Wien 9° +	Ofen 8° +	
	9° + Min.				Min.	Minuten			
1.	52·8	61·0	53·4	55·7	8·2	32·69	18·4	9·0	438·506
2.	54·1	60·3	54·1	56·2	6·2	33·45	18·8	8·8	438·571
3.	55·5	59·6	54·8	56·6	4·8	33·02	18·6	9·2	438·626
4.	54·4	62·3	51·4*	56·1	10·9	30·42	17·4	8·3	438·646
5.	53·4	59·0	54·8	55·7	5·6	32·84	17·3	8·1	438·654
6.	51·4	62·3	55·5	56·4	10·9	32·65	17·2	8·1	438·651
7.	54·8	59·6	55·5	56·6	4·8	33·00	18·1	7·8	438·636
8.	53·4	60·3	54·8	56·2	6·9	33·45	17·9	8·1	438·631
9.	53·4	61·0	54·1	56·2	7·6	32·61	17·7	8·3	438·618
10.	52·1	59·6	54·8	55·5	7·5	32·87	17·9	7·8	438·601
11.	54·4	58·3	52·1	54·9	6·2	34·85	20·2	9·8	438·586
12.	53·4	64·4	52·8	56·9	11·6	36·00	20·2	9·7	438·576
13.	53·4	63·0	52·8	56·4	10·2	32·55	19·1	9·1	438·558
14.	52·1	61·6	43·9*	52·5	17·7	31·80	17·0	7·9	438·546
15.	53·4	64·4	54·8	57·5	11·6	32·05	17·0	8·4	434·521
16.	51·4	58·3	54·8	54·8	6·9	31·82	15·8	7·5	438·506
17.	52·1	61·6	52·1	55·6	9·5	31·09	16·4	8·1	438·483
18.	52·8	61·0	50·8	54·9	10·2	29·93	16·4	8·5	434·486
19.	53·4	61·6	54·1	56·4	8·2	28·53	17·3	8·4	438·471
20.	51·4	57·6	54·8	54·6	6·2	29·20	18·3	7·9	438·459
21.	53·4	60·3	54·1	55·9	6·9	30·10	17·8	8·7	433·452
22.	52·1	61·6	55·5	56·4	9·5	33·81	17·0	8·0	438·438
23.	54·8	59·6	54·1	56·2	5·5	34·49	17·3	8·7	438·426
24.	52·1	61·6	54·1	55·9	9·5	32·76	17·2	8·7	438·406
25.	51·4	62·3	54·1	55·9	10·9	31·42	17·8	9·3	438·396
26.	50·0	61·6	53·4	55·0	11·6	36·70	16·9	8·5	438·386
27.	51·4	60·3	54·8	55·5	8·9	31·43	16·7	8·8	438·373
28.	50·7	59·6	55·5	55·3	8·9	32·35	16·9	8·4	438·366
29.	51·4	61·6	54·8	55·9	10·2	33·20	17·3	9·2	438·356
30.	52·1	60·3	47·2*	53·2	13·1	32·02	16·6	8·6	438·346
Mittel	52·8	60·8	53·5	55·7	8·9	32·44	17·60	8·5	438·509

Die mittlere magnetische Declination in Klagenfurt betrug 9° 55' 7", mit dem Maximum 9° 57' 5" am 15. und dem Minimum 9° 52' 5" am 14.

Die mittlere Tagesvariation war 8 9', mit dem Maximum 17·7' am 14. und dem Minimum 4·8' am 3. und 7. April. Am 4., 14. und 30. Abends waren magnetische Störungen.

# Meteorologische Beobachtungen zu Klagenfurt<sup>1</sup>

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>	
1.	23.0	22.1	21.0	22.0	+ 1.9	2.5	10.3	6.8	6.5	+ 1.2	9	9	42.2
2.	18.9	15.9	15.6	16.8	- 3.3	2.4	11.3	6.2	6.6	+ 0.8	8	9	62.0
3.	15.8	14.1	14.3	14.7	- 5.4	2.3	13.0	8.1	7.8	+ 1.5	7	9	57.3
4.	14.1	13.7	13.2	13.7	- 6.4	3.1	8.7	6.8	6.2	- 0.7	4	9	
5.	10.6	9.8	10.7	10.4	- 9.6	6.0	12.6	8.7	9.1	+ 1.8	7	9	6.1
6.	14.0	16.4	17.9	16.1	- 3.9	4.8	9.2	4.4	6.1	- 1.6	8	10	29.0
7.	18.3	19.0	19.9	19.1	- 0.9	1.8	2.9	0.9	1.9	- 6.0	12	6	
8.	20.2	19.6	19.8	19.9	- 0.1	0.4	6.2	2.6	3.1	- 4.9	9	6	1.5
9.	19.6	18.6	18.7	19.0	- 1.0	0.8	8.9	5.6	5.1	- 3.0	9	6	42.4
10.	19.2	15.8	15.4	16.8	- 3.2	1.1	9.0	2.8	4.3	- 3.8	8	11	12.0
11.	16.5	15.5	16.1	16.0	- 4.0	2.4	8.2	3.4	4.7	- 3.4	5	6	36.1
12.	14.5	12.6	14.5	13.9	- 6.1	0.8	9.0	3.2	4.3	- 3.9	9	-	9.7
13.	18.4	19.4	22.4	20.1	+ 0.1	1.5	9.9	3.6	5.0	- 3.2	-	5	69.6
14.	24.0	22.3	22.6	23.0	+ 3.0	1.0	15.0	10.0	8.7	+ 0.5	4	5	68.4
15.	23.3	20.9	20.1	21.4	+ 1.4	3.4	15.7	12.2	10.4	+ 2.1	4	5	82.4
16.	22.6	21.8	22.1	22.2	+ 2.2	5.4	15.6	10.7	10.6	+ 2.2	3	5	69.3
17.	23.9	21.9	21.8	22.5	+ 2.4	5.1	17.1	12.1	11.4	+ 2.8	5	7	74.5
18.	23.4	21.2	20.8	21.8	+ 1.7	6.7	18.9	15.1	13.6	+ 4.8	4	4	71.7
19.	20.8	18.9	18.4	19.4	- 0.7	8.0	16.9	12.0	12.3	+ 3.2	9	4	45.6
20.	16.6	15.1	14.0	15.2	- 4.9	7.8	16.3	9.9	11.4	+ 2.0	4	7	12.2
21.	11.7	13.0	16.7	13.8	- 6.3	9.9	7.5	6.7	8.0	- 1.6	9	5	8.6
22.	20.4	20.8	20.7	20.6	+ 0.5	6.5	13.6	9.0	9.7	0.0	9	4	29.3
23.	21.1	21.0	21.0	21.0	+ 0.8	11.6	16.4	10.6	12.9	+ 3.0	10	5	54.3
24.	20.4	20.3	19.1	19.9	- 0.3	11.8	18.5	11.7	14.0	+ 3.9	4	5	10.6
25.	17.9	15.7	15.4	16.3	- 3.9	8.2	19.9	14.2	14.1	+ 3.7	3	5	69.7
26.	12.7	10.8	11.6	11.7	- 3.5	10.3	17.4	9.4	12.4	+ 1.8	2	7	23.9
27.	15.4	17.2	19.6	17.4	- 2.8	8.2	13.3	6.8	9.5	- 1.2	8	7	39.2
28.	19.9	19.8	24.2	21.3	+ 1.0	5.8	15.2	10.6	10.5	- 0.2	6	5	39.2
29.	27.9	25.4	24.6	26.0	+ 5.7	5.8	16.7	11.8	11.4	+ 0.7	6	5	87.0
30.	25.4	22.4	21.5	33.1	+ 2.8	7.7	20.1	13.6	13.8	+ 3.2	4	5	41.0
Mitt.	19.02	18.03	18.46	18.50	-1.59	5.10	13.12	8.32	8.85	+0.20	6.5	6.4	39.99
													6.4

Am 3. wurde der östliche, am 4. der ganze Wörthersee eisfrei; am 22. 7h 52' ein Meteor, welche als weissleuchtende Kugel in der Grösse einer Orange von West gen Ost schräg gegen die Erde zog und hinter dem Kreuzberg verschwand. Stand des Beobachters auf dem Wege vom Schrotkugel über Goritschitzen zum Waidmannsdorfer Moor.

im April 1888.

Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag	Schneehöhe
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>		
4.5	4.4	4.5	4.5	80	47	61	63	9	2	0	4	NE <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>		
4.7	4.6	5.0	4.8	85	47	71	68	5	4	0	3	SW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>		
4.9	3.8	4.4	4.4	89	34	56	60	5	5	2	4	SW <sup>1</sup>	NW <sup>2</sup>	SE <sup>2</sup>		
4.5	6.2	6.3	5.7	79	74	85	79	10	10.	10.	10	E <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	1.5	
5.9	6.3	6.9	6.4	85	58	83	75	10	7	10.	9	NW <sup>1</sup>	NE <sup>1</sup>	SW <sup>1</sup>	1.3	
5.5	4.8	4.7	3.0	86	55	76	72	5	9	0	5	SW <sup>1</sup>	NE <sup>3</sup>	NE <sup>3</sup>		
3.7	3.6	3.7	3.7	71	64	73	69	10	10*	2	7	E <sup>1</sup>	NE <sup>2</sup>	NE <sup>5</sup>	Spur **	
4.0	3.8	3.7	3.8	85	53	67	68	10	10	0	7	SE <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>		
3.8	3.6	4.7	4.0	78	44	69	64	7	8	0	5	E <sup>1</sup>	SE <sup>1</sup>	NE <sup>2</sup>		
4.4	5.5	4.8	4.9	89	65	86	80	2	10	0	4	SE <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	5.0	
4.5	4.2	4.4	4.4	82	52	75	70	10	10	0	7	SE <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>		
3.4	3.5	4.0	3.6	70	42	70	61	4	4	10	6	SE <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	0.4 **	
3.9	1.8	3.2	3.0	76	19	54	50	0	3	0	1	NW <sup>1</sup>	NE <sup>3</sup>	NE <sup>1</sup>		
3.8	4.5	4.8	4.4	75	35	52	54	0	2	0	1	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>		
4.7	5.0	5.4	5.0	80	38	51	56	0	0	0	0	NW <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>		
5.5	6.4	5.8	5.9	82	51	61	65	0	2	0	1	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>2</sup>		
5.5	5.7	6.5	5.9	85	39	62	62	2	1	0	1	NE <sup>1</sup>	SW <sup>1</sup>	NE <sup>2</sup>		
4.5	5.3	6.7	5.5	61	32	52	48	0	2	4	2	N <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>		
6.2	5.9	6.1	6.1	78	41	58	59	5	8.	0	4	E <sup>1</sup>	SW <sup>3</sup>	SW <sup>1</sup>		
6.6	7.1	8.0	7.2	83	53	88	75	8	10.	10	9	NE <sup>1</sup>	SW <sup>2</sup>	SW <sup>1</sup>	0.3 .	
7.2	6.5	6.4	6.7	80	85	88	84	9	10.	10	10	SE <sup>2</sup>	NW <sup>2</sup>	NW <sup>2</sup>	4.3 .	
6.4	6.5	6.3	6.4	88	56	73	72	9	6	2	6	NE <sup>1</sup>	SE <sup>2</sup>	SE <sup>2</sup>	11.6	
6.6	6.8	6.0	6.5	64	49	63	59	2	5	0	2	SW <sup>1</sup>	SW <sup>2</sup>	NE <sup>2</sup>		
6.2	6.8	7.2	6.7	60	43	70	58	5	7	0	4	NW <sup>2</sup>	NW <sup>2</sup>	NW <sup>1</sup>		
6.4	7.6	11.5	8.5	79	44	96	73	4	3	0	2	NW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>		
8.0	7.2	7.3	7.5	86	49	84	73	10	7	10.	9	E <sup>1</sup>	SW <sup>4</sup>	SW <sup>2</sup>	0.7 .	
5.0	2.9	3.3	3.7	61	26	45	44	10	0	0	3	NE <sup>1</sup>	NW <sup>2</sup>	NE <sup>2</sup>	10.5	
4.5	3.6	3.6	3.9	66	28	38	44	3	5	0	3	NE <sup>1</sup>	NE <sup>4</sup>	SW <sup>2</sup>		
4.4	8.8	5.9	6.4	64	86	58	69	0	2	0	1	NW <sup>1</sup>	SE <sup>2</sup>	SE <sup>2</sup>		
6.2	8.5	6.6	7.1	79	48	57	61	0	7	0	2	NE <sup>1</sup>	NW <sup>1</sup>	NE <sup>2</sup>		
5.18	5.37	5.58	5.38	77.53	48.57	67.40	64.50	5.1	5.6	2.3	4.4	1.2	1.7	1.6	35.6	

## Grundwasserstand in Klagenfurt:

K. k. Militärspital	441.190 Meter.
Seeland . . . . .	438.509 >
Friedhofbrunnen .	437.048 >
Wörtherseespiegel	441.728 >
Höchster Pegelstand am 1.	441.914
Tiefster > > 29.	441.545

## Vorläufige Uebersicht der Witterung in Kärnten im April 1888 vom Central-Observatorium in Wien.

Stationen	Seehöhe Meter	Luftdruck in Millimeter				Luftwärme Celsius °				Dunst- druck mm	Fench- tigkeit %	Bewölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit								
		Größter	am	Kleinst.	am	Mittel	Größte	am	Kleinste					am	Mittel	Summe	Größter in 24h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitt.	Sturm		
																											Größter	am
Klagenfurt I.	448	727.9	29.	709.8	5.	718.5	19.9	25.	0.4	8.	8.8	5.4	65	4.4	NE	36	12	22.	13	9	8	9	2	0	0	0	0	
dto. II.	504	—	—	—	—	—	20.2	30.	0.0	7. 8.	8.6	—	—	6.0	SW	—	—	—	7	7	16	4	0	0	0	0	0	
Saager	486	—	—	—	—	—	20.2	25.	0.6	8.	8.6	—	—	—	—	45	14	21.	—	—	—	9	0	0	0	0	0	
St. Michael	495	—	—	—	—	—	17.2	25.	— 0.2	6.	7.3	—	—	5.0	E	17	5	22.	12	8	10	7	2	0	0	0	4	
Unterdrauburg	343	—	—	—	—	—	21.6	18.	0.0	9. 13.	8.6	—	—	3.8	E	59	17	10.	18	2	10	10	3	0	0	0	0	
Liescha	552	716.9	29.	701.5	5.	709.7	13.8	30.	0.1	7.	7.4	—	—	6.0	E	54	13	11.	6	12	12	13	0	0	0	0	0	
Bad Vellach	805	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Eisenkappel	554	—	—	—	—	—	20.0	24.	0.8	9. 10.	8.0	—	—	—	—	42	14	26.	—	—	—	10	0	0	0	0	0	
Obir	2047	597.5	29.	583.0	5.	589.9	2.8	25.	—11.2	13.	—3.2	3.5	94	6.0	SW	75	17	26.	8	7	15	12	11	0	0	0	5	
St. Andrä	432	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stelzing	1410	—	—	—	—	—	13.4	25.	— 6.0	13.	2.3	—	—	6.9	W	—	—	—	2	9	19	—	—	—	—	—	—	—
Knappenberg	1045	—	—	—	—	—	16.8	18.	— 3.6	8.	4.9	4.9	76	4.6	SW	37	11	27.	10	12	8	8	2	1	0	0	0	0
Hüttenberg	783	697.3	29.	680.6	5.	688.9	18.6	30.	— 1.3	13.	6.8	—	—	4.7	W	36	12	26.	9	16	5	8	3	0	0	0	4	
Guttingar	642	—	—	—	—	—	19.0	30.	— 3.0	14.	5.8	—	—	3.6	—	38	13	26.	12	7	11	10	2	0	0	0	0	0
Eberstein	640	—	—	—	—	—	22.2	25.	— 1.4	9.	8.3	—	—	4.8	—	—	—	—	11	7	12	8	2	0	0	0	0	0
St. Georgen a. L.	556	—	—	—	—	—	19.0	25.	— 0.4	13.	6.9	—	—	—	—	40	15	26.	—	—	—	9	1	0	1	0	0	0
St. Veit	496	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lind	526	—	—	—	—	—	20.1	18. 25.	0.3	7. 12.	8.7	—	—	4.9	SE	75	37	21.	11	4	15	5	0	0	0	0	0	0
Pörtschach	464	—	—	—	—	—	19.0	25.	0.0	14.	7.9	6.0	75	3.3	—	—	—	20	4	6	6	5	1	0	0	0	0	0
Radweg	692	—	—	—	—	—	18.2	25.	— 1.0	8.	7.8	—	—	5.4	S	44	13	26.	9	9	12	6	1	0	0	0	0	0
Sirnitz	800	—	—	—	—	—	17.0	25.	0.1	8.	6.9	—	—	5.9	W	48	13	21.	8	9	13	7	1	0	0	0	0	0
Reichenau	1059	—	—	—	—	—	17.6	30.	— 3.7	8.	4.1	—	—	5.6	S	37	15	26.	11	6	13	7	3	0	0	0	0	0
Bad Villach	488	—	—	—	—	—	19.0	29 30.	1.0	3 8 14	7.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bleiberg	927	684.3	30.	669.9	5.	678.0	16.3	30.	— 1.4	7.	6.4	6.9	91	3.3	W	100	51	27.	16	10	4	3	0	0	0	0	0	0
Saifnitz	805	696.2	29.	678.8	5.	687.3	15.4	28.	— 3.3	13.	4.6	5.5	84	5.3	SW	88	18	11.	10	7	13	11	4	0	1	1	1	1
Raibl	981	—	—	—	—	—	16.2	18.	— 4.0	8.	4.1	—	—	5.4	S	106	24	26.	9	5	16	15	8	0	2	0	0	0
Tröpolach	593	—	—	—	—	—	17.6	25.	— 1.7	3.	5.8	—	—	5.1	SW	134	27	20.	11	7	12	10	2	0	0	0	0	0
Waidegg	640	—	—	—	—	—	17.0	18.	0.0	13.	6.6	—	—	4.9	NW	—	—	—	11	8	11	10	3	0	0	0	2	2
Lienz	679	707.7	29.	688.9	5.	698.7	19.5	30.	— 1.3	1.	6.4	4.9	67	5.4	NW	69	24	20.	9	8	13	9	3	0	0	0	1	1
Oberdrauburg	610	—	—	—	—	—	20.0	18.	0.0	8.	7.6	—	—	—	NW	101	35	26.	—	—	—	10	2	0	0	0	0	0
Greifenburg	713	—	—	—	—	—	19.8	30.	1.4	1.	7.7	—	—	6.0	W	70	17	10.	8	7	15	7	0	0	0	0	0	0
Sachsenburg	520	—	—	—	—	—	18.1	17. 25.	— 0.6	13.	7.4	—	—	5.4	NW	42	15	10.	10	10	10	9	1	0	0	0	0	0
Gmünd	728	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Maltein	824	—	—	—	—	—	18.3	30.	— 1.5	8.	6.4	—	—	5.5	SW	44	11	26.	11	7	12	12	5	0	0	0	0	0
St. Peter	1217	—	—	—	—	—	15.2	30.	4.6	9.	3.4	—	—	5.2	S	54	20	26.	6	12	12	8	2	0	0	0	0	0
Sonnblick	3093	522.3	29.30.	507.1	12.	514.6	— 2.0	17. 18.	—20.0	12. 13.	—9.4	—	—	90	7.2	E	—	—	—	4	6	20	11	11	0	0	0	2
Villach Stadt	508	—	—	—	—	—	23.0	30.	— 0.4	13.	8.6	5.8	69	5.2	E	85	39	21.	9	11	10	10	2	0	0	0	0	0
Kappel a. d. Drau	441	—	—	—	—	—	20.8	30.	0.0	14.	8.2	—	—	5.4	SE	55	18	21.	7	14	9	10	0	0	0	0	0	3

# Magnetische Declinations-Beobachtungen zu Klagenfurt

Mai

von  
**F. Seeland.**

1888.

Tag	Declination zu Klagenfurt					an fremden Stationen			Stand des Grundwassers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	Kreuzmünster 10° +	Wien 9° +	Ofen 8° +	
	10° + Min.				Min.	Minuten			
1.	50·7	57·6	51·4	53·2	6·9	39·26	15·8	8·5	438·336
2.	54·1	58·3	53·4	55·3	4·9	31·94	16·5	8·1	438·326
3.	52·1	58·3	50·7	53·7	7·6	31·56	16·2	8·5	438·316
4.	52·1	51·0	53·4	55·5	9·2	33·86	16·2	9·0	438·303
5.	52·1	60·3	52·8	55·1	8·2	32·21	16·1	9·1	438·302
6.	50·7	61·0	50·7	54·1	10·3	33·45	15·7	8·8	438·286
7.	46·0*	62·3	49·4*	52·6	16·3	35·56	16·3	7·3	438·269
8.	51·4	62·3	52·8'	55·5	10·9	32·30	16·8	9·1	438·266
9.	51·4	61·0	51·4	54·6	9·6	33·15	16·1	8·5	438·253
10.	50·7	59·0	50·0	53·2	9·0	34·54	13·5	8·9	438·236
11.	50·7	61·0	53·4	55·0	10·3	35·15	16·1	9·3	438·231
12.	51·4	61·6	54·1	55·7	10·2	34·19	16·2	8·8	438·226
13.	50·0	59·0	54·1	54·4	9·0	35·32	15·9	8·5	438·213
14.	50·7	59·6	54·8	55·0	8·9	35·59	15·6	8·5	438·206
15.	50·7	59·0	54·8	54·8	8·3	33·62	15·1	8·2	438·191
16.	52·1	61·6	54·8	56·2	9·5	33·61	16·3	8·8	438·180
17.	50·6	61·0	54·1	55·3	10·3	35·15	15·1	7·9	438·166
18.	51·4	56·2	53·4	53·7	4·8	31·67	14·8	7·7	438·158
19.	52·8	57·6	54·1	54·8	4·8	34·71	15·3	8·0	438·146
20.	52·1	61·6	56·2	56·6	9·5	37·37	17·8	9·7	438·136
21.	54·1	59·0	54·1	55·7	4·9	34·36	15·9	8·8	433·156
22.	50·7	57·6	52·8	53·7	6·9	29·82	14·7	7·9	438·116
23.	51·4	60·3	50·7	54·1	9·6	36·03	14·8	8·6	438·106
24.	50·0	57·6	52·8	53·5	7·6	34·78	14·8	7·9	438·091
25.	51·4	61·0	52·8	55·1	9·6	35·72	16·0	9·0	438·082
26.	50·7	61·6	50·7	54·2	10·9	36·28	15·7	9·4	438·086
27.	51·4	61·0	49·4	53·9	11·6	36·14	16·0	8·7	438·076
28.	50·7	59·6	54·1	53·4	8·9	35·56	16·7	8·8	438·068
29.	50·0	59·0	52·1	53·7	9·0	35·70	15·5	8·1	438·057
30.	51·4	59·6	54·1	55·0	8·2	31·65	16·2	8·4	438·053
31.	50·7	59·6	52·1	54·1	8·9	31·38	16·0	7·6	438·031
Mittel	51·2	59·5	52·8	54·5	8·8	34·25	15·78	8·9	438·182

Die mittlere magnetische Declination war in Klagenfurt 9° 54'5"; mit dem Maximum 9° 56'2" am 16. und dem Minimum 9° 52'6" am 7.

Die Tagesvariation betrug 8'8"; mit dem Maximum 16'3" am 7. und dem Minimum 4'8" am 18. und 19.

Am 7. war Morgens und Abends eine Störung.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>	
1.	20.3	19.2	21.1	20.2	- 0.2	11.4	17.6	13.0	14.0	+ 3.4	5	5	21.4
2.	26.8	27.0	26.4	26.7	+ 6.3	9.7	19.5	14.6	14.6	+ 4.0	4	4	29.6
3.	26.4	23.7	23.6	24.6	+ 4.2	11.5	22.3	15.5	16.4	+ 5.7	6	4	54.1
4.	27.2	27.9	28.4	27.8	+ 7.4	11.6	12.0	10.0	11.2	+ 0.3	9	4	—
5.	29.7	27.9	28.7	28.8	+ 8.3	6.2	12.6	9.5	9.4	- 1.9	9	4	16.3
6.	29.5	28.5	29.5	29.2	+ 8.7	6.4	16.6	9.4	10.8	- 0.9	9	4	74.8
7.	31.4	29.8	29.8	30.3	+ 9.7	7.2	19.5	12.8	13.2	+ 1.0	5	4	65.5
8.	30.9	28.1	26.7	28.6	+ 8.0	10.1	21.5	15.6	15.7	+ 3.0	4	4	90.5
9.	27.8	24.4	23.5	25.2	+ 4.6	12.4	23.2	17.4	17.7	+ 4.6	3	4	87.2
10.	24.7	23.3	24.9	24.3	+ 3.7	14.0	19.0	11.4	14.8	+ 1.4	5	5	49.0
11.	25.0	25.8	26.9	25.9	+ 5.2	8.0	12.3	8.8	9.7	- 4.0	6	5	41.3
12.	27.0	26.0	27.6	26.9	+ 0.2	5.3	15.1	9.6	10.0	- 3.8	9	5	68.6
13.	29.1	26.4	24.6	26.7	+ 6.0	5.3	15.0	11.0	10.4	- 3.5	4	5	38.1
14.	23.7	18.6	17.8	20.0	- 0.8	8.0	20.2	13.4	13.9	+ 0.1	5	4	83.4
15.	19.3	19.3	20.4	19.7	- 1.1	11.5	21.2	14.0	15.6	+ 1.8	5	4	50.6
16.	22.9	22.0	22.9	22.6	+ 1.7	12.7	23.4	15.3	17.1	+ 3.2	9	5	81.6
17.	24.7	24.1	24.8	24.5	+ 3.6	13.4	24.0	16.6	18.0	+ 4.0	8	5	94.7
18.	26.7	25.0	24.9	25.5	+ 4.6	14.1	25.0	20.7	19.9	+ 5.9	3	4	94.1
19.	25.7	23.2	24.5	24.5	+ 3.6	15.3	24.5	16.9	18.9	+ 4.7	4	4	31.3
20.	25.4	23.7	25.5	24.9	+ 3.9	14.8	26.3	17.2	19.4	+ 5.1	9	4	76.6
21.	26.7	25.4	25.3	25.8	+ 4.8	13.7	18.6	15.0	15.8	+ 1.3	5	5	8.4
22.	24.5	23.3	24.1	24.0	+ 2.9	14.8	18.5	16.0	16.4	+ 1.7	7	6	22.7
23.	27.3	26.5	26.6	26.8	+ 5.7	10.3	16.2	11.0	12.5	- 2.4	10	4	94.8
24.	27.0	25.4	25.7	26.0	+ 4.9	8.9	17.3	12.1	12.8	- 2.3	8	5	55.5
25.	25.6	21.7	20.1	22.5	+ 1.3	10.6	20.6	15.5	15.6	+ 0.2	7	5	82.7
26.	19.2	16.5	18.8	18.2	- 3.0	12.7	18.2	13.2	14.7	- 1.0	6	11	53.8
27.	20.0	18.6	19.0	19.2	- 2.0	12.6	19.6	15.0	15.7	- 0.2	10	7	54.8
28.	20.0	18.3	18.1	18.8	- 2.5	13.5	23.9	15.2	17.5	+ 1.3	6	5	82.2
29.	18.4	18.5	19.3	18.7	- 2.6	12.3	18.7	14.6	15.2	- 1.2	5	7	3.8
30.	22.0	23.0	23.3	22.8	+ 1.5	12.7	16.3	14.8	14.6	- 2.0	8	7	8.3
31.	24.5	22.2	24.1	23.6	+ 2.3	14.3	24.1	15.2	17.9	+ 1.1	6	6	35.7
Mitt.	25.14	23.65	24.09	24.80	+ 3.52	11.14	19.44	13.88	14.82	+ 0.98	6.4	5.0	54.89
											5.7		

Am 10. Nachts 11—3<sup>h</sup> erstes Gewitter aus West, mit starken Donner-  
schlägen. Am 21. Temperatur des Wörthersee's 20° C.; am 23. Gewitter in Südost  
und Nordwest; am 25. Gewitter aus NW 2—4<sup>h</sup> Nachmittags.

im Mai 1888.

Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag	Schneehöhe			
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>			m/m	m/m	
7.5	8.1	7.3	7.6	75	54	83	71	5	10	0	5	SW <sup>1</sup>	SW <sup>2</sup>	NE <sup>2</sup>	Spur				
7.3	9.3	9.4	8.7	83	57	76	72	9	8	8	8	NE <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—				
7.7	9.0	8.6	8.4	76	45	68	63	5	3	0	3	NW <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—				
8.4	7.2	7.5	7.7	84	69	82	78	10	10	10	10	E <sup>1</sup>	NE <sup>2</sup>	NW <sup>2</sup>	1.6				
5.5	6.1	5.1	5.6	78	56	57	64	10	5	2	6	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>2</sup>	3.6				
5.4	3.6	5.2	4.7	75	26	59	53	2	3	0	2	NW <sup>1</sup>	NE <sup>3</sup>	NW <sup>1</sup>	0.2				
5.0	7.3	7.3	6.5	66	44	67	59	0	7	0	2	NW <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—				
6.9	7.3	7.8	7.3	74	39	59	57	0	0	0	0	NE <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	—				
7.8	7.8	7.6	7.7	73	37	51	54	0	3	2	2	N <sup>1</sup>	SE <sup>2</sup>	NE <sup>2</sup>	—				
9.8	7.9	8.6	8.8	82	49	86	72	3	10	10	8	NE <sup>1</sup>	SE <sup>5</sup>	SE <sup>2</sup>	6.1	↘			
7.1	6.1	6.2	6.5	89	58	73	73	10	8	3	7	NE <sup>3</sup>	NE <sup>4</sup>	NE <sup>2</sup>	16.5				
5.7	4.7	5.7	5.4	86	37	64	62	7	4	4	5	NE <sup>1</sup>	SW <sup>1</sup>	NE <sup>5</sup>	3.6				
5.0	5.1	6.1	5.4	74	40	61	58	0	2	0	1	N <sup>1</sup>	NE <sup>2</sup>	NE <sup>2</sup>	—				
4.4	6.3	6.3	5.7	56	36	55	49	0	3	2	2	NE <sup>1</sup>	SW <sup>4</sup>	SW <sup>2</sup>	—				
7.3	8.4	7.7	7.6	72	45	65	61	7	7	3	6	NW <sup>1</sup>	SW <sup>5</sup>	NE <sup>1</sup>	—				
7.9	8.0	11.1	9.0	73	37	86	65	0	2	2	1	N <sup>1</sup>	SW <sup>3</sup>	SW <sup>1</sup>	—				
7.6	8.4	8.3	8.1	63	37	59	54	0	1	0	0	NE <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—				
8.7	8.5	9.5	8.9	73	36	52	54	0	3	10	4	E <sup>1</sup>	E <sup>1</sup>	SW <sup>1</sup>	—				
9.2	10.0	11.3	10.2	71	44	79	65	9	8	5	7	W <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—				
9.1	8.3	9.0	8.8	73	33	62	56	0	3	2	2	SE <sup>1</sup>	SE <sup>3</sup>	SE <sup>1</sup>	—				
9.4	10.5	10.8	10.2	81	66	85	77	10	9	6	8	NW <sup>1</sup>	NW <sup>1</sup>	SE <sup>1</sup>	Spur	↘			
9.1	10.4	11.2	10.2	73	66	83	74	7	8	10	8	NW <sup>1</sup>	NE <sup>1</sup>	E <sup>2</sup>	2.4	↘			
5.0	3.7	4.4	4.4	53	27	45	42	0	0	1	0	NE <sup>1</sup>	NE <sup>4</sup>	NE <sup>3</sup>	—				
6.1	6.6	6.6	6.4	72	51	63	62	2	7	0	3	E <sup>2</sup>	NE <sup>4</sup>	NE <sup>3</sup>	—				
7.5	6.0	7.5	7.0	79	33	58	51	0	4	0	1	S <sup>1</sup>	SW <sup>2</sup>	SW <sup>1</sup>	—				
7.5	7.6	10.2	8.4	69	49	91	70	0	9	10	6	NE <sup>1</sup>	NE <sup>2</sup>	NW <sup>2</sup>	3.5	↘			
9.3	9.5	9.2	9.3	87	56	72	72	10	3	0	4	NE <sup>1</sup>	E <sup>2</sup>	SE <sup>1</sup>	—				
9.0	8.1	7.2	8.1	79	36	56	57	0	4	5	3	E <sup>1</sup>	SW <sup>6</sup>	SW <sup>2</sup>	—				
7.7	9.3	9.1	8.7	72	38	74	61	10	9	9	9	NW <sup>1</sup>	SE <sup>2</sup>	SE <sup>2</sup>	Spur				
9.6	10.2	10.3	10.0	89	72	83	81	10	9	8	9	SW <sup>1</sup>	NW <sup>1</sup>	SE <sup>1</sup>	7.6				
10.0	8.9	11.5	10.1	83	40	89	71	10	7	8	8	NW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	2.8				
7.5	7.7	8.2	7.8	75	35	45	58	60	13	63	35	4.4	5.5	3.9	4.5	1.2	2.2	1.6	52.9

Grundwasserstand in Klagenfurt:

K. k. Militärspital	440.250 Meter.
Seeland .	438.182 »
Friedhofbrunnen .	436.764 »
Wörtherseespiegel	441.362 »
Höchster Pegelstand am 1. . . .	441.519
Tiefster » » 29. u. 31.	441.232

## Vorläufige Uebersicht der Witterung in Kärnten im M

Stationen	Seehöhe Meter	Luftdruck in Millimeter					Luftwärme Celsius °			
		Grösster	am	Kleinst.	am	Mittel	Grösste	am	Kleinste	am
Klagenfurt I.	448	731.4	7.	716.5	26	724.3	26.3	20.	5.3	12. 13.
dto. II.	504	—	—	—	—	—	27.3	20.	5.9	13.
Kuppel a. d. Drau	411	—	—	—	—	—	26.6	20.	6.0	12.
Saager	486	—	—	—	—	—	23.8	19.	4.6	12.
St. Michael	495	—	—	—	—	—	23.6	18.	3.0	12.
Unterdrauburg	343	—	—	—	—	—	26.4	18. 19.	3.2	7.
Liescha	552	721.3	7.	709.8	26.	715.6	27.2	18.	4.1	5.
Bad Vellach	805	—	—	—	—	—	27.0	10.	5.0	5. 12.
Eisenkappel	554	—	—	—	—	—	25.0	18.	3.6	12.
Obir	2047	601.9	7.	591.4	14.	597.1	9.2	18.	— 5.8	5.
St. Andrä	432	—	—	—	—	—	24.2	19.	4.0	7.
Stelzing	1410	—	—	—	—	—	17.4	19.	— 2.0	12.
Knappenberg	1045	—	—	—	—	—	23.1	20.	0.5	12.
Hüttenberg	783	700.8	7.	689.0	14.26.	—	21.0	19.	0.8	13.
Guttaring	642	—	—	—	—	—	26.2	20.	0.1	12. 13.
Eberstein	640	—	—	—	—	—	25.2	20.	1.5	13.
St. Georgen a. L.	556	—	—	—	—	—	—	—	—	—
St Veit	496	—	—	—	—	—	25.2	20.	6.0	5.
Lind	526	—	—	—	—	—	26.0	20.	6.1	24.
Pörschach	464	—	—	—	—	—	25.0	20.	5.2	5.
Radweg	692	—	—	—	—	—	24.8	20.	5.0	5.
Sirnitz	800	—	—	—	—	—	22.5	19.	6.0	5.
Reichenau	1059	—	—	—	—	—	24.4	10.	— 1.2	12.
Bad Villach	488	—	—	—	—	—	26.8	20.	4.9	12.
Bleiberg	927	690.2	7.	678.3	26.	684.6	21.8	20.	3.4	5.
Raibl	981	—	—	—	—	—	24.4	20.	0.4	5.
Tröpolach	593	—	—	—	—	—	25.0	20.	5.1	5.
Waidegg	640	—	—	—	—	—	24.2	20.	8.0	13.
Cornat	1067	679.9	8.	667.2	4.	674.1	21.3	18.	1.4	5.
Lienz	679	711.4	7.	696.6	26.	704.4	26.2	20.	5.5	13.
Oberdrauburg	610	—	—	—	—	—	27.0	20.	4.4	13.
Greifenburg	713	—	—	—	—	—	26.2	20.	6.0	5.
Sachsenburg	520	—	—	—	—	—	25.6	20.	3.7	6. 7.
Gmünd	723	—	—	—	—	—	24.8	20.	3.0	11.
Maltein	842	—	—	—	—	—	24.2	19.	6.1	11.
Heiligenblut	1301	—	—	—	—	—	22.0	19.	3.4	5.
St. Peter i.K	1217	—	—	—	—	—	21.4	18.	2.4	13.
Sonnblick	3093	527.7	7. 8.	517.8	1.	522.6	1.4	20.	— 13.4	5.

\* Temperatur unvollständig.

## Mai 1888 vom Central-Observatorium in Wien.

Mittel	Dunst- druck mm.	Feuch- tigkeit %	Bewölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit				
					Summe	Grösster in 24h		heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitt.	Sturm
14.8	7.8	63	4.5	NE	53	16	11.	14	7	10	11	0	0	5	3
14.5	—	—	5.2	SW	—	—	—	11	10	10	11	0	0	5	0
14.1	—	—	5.0	NE	73	26	10.	12	9	10	11	0	0	1	2
13.2	—	—	—	—	93	33	10.	—	—	—	11	0	1	0	0
12.8	—	—	4.8	S	72	3	27.	13	7	11	3	0	0	5	0
13.9	—	—	3.4	E	80	27	10.	19	3	9	12	0	0	0	0
13.2	—	—	4.9	E	90	39	11	12	9	10	9	0	0	0	0
13.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13.7	—	—	—	—	109	34	10.	—	—	—	9	0	0	0	0
2.1	4.8	89	5.3	SW	141	35	10.	12	6	13	11	4	2	4	2
12.8	—	—	4.3	—	57	24	10.	12	11	8	10	0	0	4	0
7.5	—	—	6.4	W	—	—	—	3	13	15	—	—	—	—	—
10.4	6.7	71	3.8	W	41	13	11.	17	8	6	11	0	0	3	0
11.9	—	—	4.0	W	28	10	11.	13	12	6	8	0	0	0	0
11.6	—	—	3.3	—	34	16	10.	15	6	10	7	0	0	2	0
14.3	—	—	3.7	—	—	—	—	12	12	7	5	0	0	5	0
*	—	—	—	—	72	19	21.	—	—	—	8	0	0	0	0
14.2	9.8	80	5.5	W	69	19	11.	9	12	10	8	0	0	3	0
14.3	—	—	4.2	NE	43	18	10.	10	7	14	6	0	0	1	0
13.5	8.6	74	3.0	W	—	—	—	16	12	3	10	0	0	6	0
13.4	—	—	4.7	S	59	17	10.	11	7	13	8	0	1	5	0
12.4	—	—	4.4	W	75	19	10.	12	10	9	10	0	0	1	0
9.4	—	—	5.0	S	40	17	21.	12	6	13	10	1	1	2	4
14.3	8.0	66	4.4	E	75	13	26.	14	9	8	12	0	0	2	0
12.7	10.3	90	2.5	E	85	23	11.	21	10	0	10	1	0	0	0
10.8	—	—	4.4	SW	85	30	10.	13	5	13	10	1	0	3	0
13.2	—	—	3.6	SW	51	20	4.	16	10	5	8	0	0	0	0
14.1	—	—	3.7	SE	—	—	—	18	8	5	8	0	0	2	7
9.9	6.4	69	4.1	SE	45	19	30.	13	11	7	4	0	0	0	0
13.3	6.9	61	4.2	NW	31	14	4.	13	11	7	6	0	0	0	2
13.1	—	—	3.8	NW	43	21	10.	15	7	9	7	0	0	1	0
13.8	—	—	5.1	E	37	13	5.	10	7	14	6	0	0	2	0
12.9	—	—	4.5	—	71	22	4.	11	13	7	4	0	0	0	0
13.2	—	—	4.4	SW	18	16	4.	12	10	9	3	0	0	0	0
13.0	—	—	4.2	SW	13	6	29.	16	8	7	4	0	0	0	0
10.4	—	—	5.0	—	3	3	29.	9	8	14	3	0	0	0	0
9.9	—	—	4.4	N	19	13	29.	13	8	10	4	1	0	0	0
—4.2	—	93	6.7	N	—	—	—	5	6	20	9	7	0	0	1

**Magnetische Declinations-Beobachtungen zu Klagenfurt**

Juni

von  
**F. Seeland.**

1888.

Tag	Declination zu Klagenfurt					an fremden Stationen			Stand des Grundwassers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	Kremsmünster 10° +	Wien 9° +	Ofen 8° +	
	9° + Min.				Min.	Minuten			
1.	50·7	57·6	52·8	53·7	6·9	34·97	16·2	7·6	438·019
2.	50·7	57·6	54·8	54·4	6·9	33·14	16·1	7·7	438·006
3.	50·7	56·9	45·2*	50·9	5·2	28·80	13·7	6·8	437·996
4.	52·1	58·3	54·8	55·1	8·2	33·59	16·2	8·6	437·986
5.	50·7	61·6	53·4	55·2	10·9	33·17	17·1	8·1	437·966
6.	50·7	61·0	52·8	54·8	10·3	31·95	15·2	6·9	437·958
7.	51·4	62·3	56·2	56·6	10·9	34·11	16·7	8·1	437·954
8.	52·1	59·0	53·4	54·8	6·9	32·37	15·5	7·6	437·941
9.	51·4	57·6	54·8	54·6	6·2	32·11	15·6	7·0	437·936
10.	52·1	63·0	56·2	57·1	10·9	34·72	17·4	8·8	437·933
11.	50·7	57·6	53·4	51·9	6·9	33·60	16·2	8·1	437·923
12.	51·4	58·3	55·5	55·1	6·9	33·03	16·3	7·8	437·921
13.	52·1	62·3	55·5	55·6	10·2	33·00	17·0	7·9	437·911
14.	51·4	61·0	53·4	55·3	9·6	33·47	16·4	7·8	437·891
15.	50·0	61·6	54·8	55·5	11·6	36·95	16·3	7·2	437·886
16.	51·4	62·3	55·5	56·4	10·9	33·87	17·6	8·4	437·931
17.	51·4	61·6	54·8	55·9	10·2	33·63	16·5	7·6	437·941
18.	52·1	59·6	55·5	55·7	7·5	33·88	16·7	7·6	437·901
19.	52·1	58·3	53·4	54·6	6·2	34·44	16·4	8·1	437·896
20.	53·4	58·3	54·1	55·3	4·9	32·92	15·9	7·6	437·876
21.	52·1	61·6	54·8	56·2	9·5	31·21	17·3	8·4	437·866
22.	50·7	59·6	56·2	55·5	8·9	32·67	16·5	7·9	437·861
23.	50·0	59·0	54·1	54·4	9·0	32·62	16·6	7·3	437·861
24.	50·0	61·6	56·2	55·9	11·9	32·98	16·1	7·4	437·853
25.	50·7	60·3	55·5	55·5	9·6	32·72	16·4	6·8	437·844
26.	50·7	60·3	54·8	55·3	9·6	32·23	16·0	8·1	437·836
27.	50·7	61·6	54·1	55·5	10·9	31·59	15·3	7·6	457·829
28.	49·4	59·0	53·4	53·9	9·6	31·64	16·6	6·8	437·821
29.	50·7	57·6	54·8	54·4	6·9	32·79	14·5	7·2	437·808
30.	50·0	56·9	56·2	54·4	6·9	33·72	16·3	7·8	437·821
Mittel	51·1	59·8	54·3	55·1	8·7	33·06	16·19	7·7	437·906

Die mittlere magnetische Declination war in Klagenfurt 9° 55'1"; mit dem Maximum 9° 57'1" am 10. und dem Minimum 9° 51'9" am 11.

Die Tagesvariation betrug 8'7"; mit dem Maximum 11'6" am 15. und 24. und dem Minimum 4'9" am 20.

Am 3. Abends war eine Störung auf allen Beobachtungsstationen.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>	
1.	25.6	25.7	26.7	26.0	+ 4.7	14.5	20.6	16.2	17.1	+ 0.2	7	5	26.1
2.	28.5	27.2	28.0	27.9	+ 6.5	16.8	25.2	15.6	19.2	+ 2.1	4	5	48.5
3.	29.6	25.6	25.9	27.0	+ 5.6	14.6	24.1	19.6	19.5	+ 2.3	7	5	79.7
4.	26.9	27.0	24.9	25.6	+ 4.1	17.3	27.2	19.2	21.2	+ 3.9	6	4	39.2
5.	24.2	21.8	23.2	23.1	+ 1.6	19.1	29.4	21.6	23.4	+ 6.0	6	4	52.8
6.	23.8	21.0	20.8	21.9	+ 0.3	21.1	29.4	24.1	24.9	+ 7.5	3	4	82.4
7.	21.1	18.2	23.8	21.0	- 0.6	19.7	29.5	16.8	22.0	+ 4.6	5	5	64.2
8.	24.3	21.7	21.2	22.4	+ 0.8	15.6	25.9	21.1	20.9	+ 2.4	9	4	83.0
9.	21.1	18.9	18.9	19.6	- 2.0	16.5	26.4	20.7	21.2	+ 3.7	4	4	38.4
10.	22.1	23.1	24.3	23.2	+ 1.6	16.1	20.2	16.8	17.7	+ 0.2	9	4	—
11.	25.7	24.5	24.7	25.0	+ 3.3	15.7	23.1	17.7	18.8	+ 1.3	4	4	21.3
12.	25.1	22.8	22.3	23.4	+ 1.7	17.4	22.8	18.0	19.4	+ 1.9	6	4	77.5
13.	22.2	19.8	20.3	20.8	- 0.9	17.5	25.7	19.4	20.9	+ 3.5	6	4	74.4
14.	20.9	18.6	18.6	19.4	- 2.3	18.9	27.7	19.7	22.1	+ 3.7	5	4	63.7
15.	19.5	22.4	22.5	21.5	- 0.3	12.4	8.6	6.8	9.3	- 8.1	10	11	4.4
16.	22.6	19.0	17.4	19.7	- 2.1	6.7	16.2	13.6	12.2	- 5.1	10	5	56.2
17.	18.9	18.5	18.5	18.6	- 3.2	13.9	16.4	15.0	15.1	- 2.2	7	9	31.9
18.	19.0	18.9	20.1	19.3	- 2.5	12.3	17.6	13.4	14.4	- 3.0	11	8	1.9
19.	20.7	19.9	21.4	20.7	- 1.2	11.6	15.6	12.6	13.3	- 4.4	5	4	4.4
20.	22.8	20.8	20.7	21.4	- 0.5	11.0	19.7	16.6	15.8	- 2.0	4	4	69.4
21.	21.2	19.6	21.7	21.8	- 1.1	16.4	24.7	18.6	19.9	+ 2.0	7	4	88.1
22.	24.0	23.1	23.9	23.7	+ 1.8	18.3	24.9	19.4	20.9	+ 2.9	4	4	66.9
23.	24.7	23.7	23.9	24.1	+ 2.1	18.0	24.9	15.6	20.8	+ 2.6	5	5	33.8
24.	24.9	23.9	25.6	24.8	+ 2.8	18.8	27.3	19.2	21.8	+ 3.6	7	4	79.4
25.	25.7	24.9	24.8	25.1	+ 3.1	17.7	26.2	19.5	21.1	+ 2.8	6	5	36.9
26.	24.9	22.5	22.1	23.2	+ 1.2	20.0	25.9	19.1	21.7	+ 3.3	6	4	61.2
27.	22.1	20.1	18.9	20.4	- 1.6	15.7	24.2	18.8	19.6	+ 1.2	4	8	38.8
28.	18.9	15.9	16.5	16.8	- 6.2	19.2	25.5	17.7	20.8	+ 2.4	4	5	53.7
29.	16.6	16.3	16.5	16.5	- 5.5	12.8	14.4	12.8	13.3	- 5.0	9	7	—
30.	14.3	12.1	14.3	13.6	- 8.5	12.5	14.9	12.2	13.2	- 5.0	9	4	—
Mitt.	22.80	21.18	21.75	21.91	+ 0.2	15.94	22.81	17.39	18.71	+ 1.04	6.3	5.0	48.64

5.4

Am 4. Gewitter aus NW ohne Regen mit Wind von 5<sup>1/2</sup><sup>h</sup> bis 6<sup>1/2</sup><sup>h</sup> p. m. Dauer; am 9 Mittags 12<sup>h</sup> bis 12<sup>1/2</sup><sup>h</sup> und abends 9<sup>1/2</sup><sup>h</sup> bis 11<sup>h</sup> Gewitter aus SW; am 15 durch 9 Stunden heftiger Regen mit schwachem Gewitter; starke Temperaturdepression, die Berge bis 1000 m besneit. Am 24. zog nördlich von Klagenfurt ein Gewitter westöstlich; am 27. morgens Gewitterregen.

im Juni 1888.

Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag	Schneehöhe
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>		
10.2	11.3	9.9	10.5	84	63	72	73	10	5	8	8	NE <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	3.6	
10.6	6.6	9.6	8.9	75	28	73	59	5	4	0	3	NW <sup>1</sup>	NE <sup>3</sup>	NE <sup>1</sup>	—	
8.5	10.9	12.1	10.5	69	49	70	63	0	2	1	1	NE <sup>1</sup>	NE <sup>3</sup>	NE <sup>2</sup>	—	
11.6	10.7	13.1	11.8	79	40	79	66	5	4	9	6	N <sup>1</sup>	NE <sup>1</sup>	NE <sup>2</sup>	0.6	
13.0	12.8	10.7	12.2	79	42	56	59	3	7	9	6	SW <sup>0</sup>	NE <sup>1</sup>	SW <sup>3</sup>	Spur	☒
12.4	10.6	11.3	11.4	67	35	51	51	3	3	1	2	NW <sup>2</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—	
12.3	11.2	10.5	11.3	72	36	74	61	4	3	10	6	NW <sup>1</sup>	SW <sup>4</sup>	SE <sup>2</sup>	2.1	
10.2	11.2	11.9	11.1	77	45	65	62	5	2	0	2	W <sup>1</sup>	SE <sup>1</sup>	SW <sup>1</sup>	—	
11.8	12.8	11.4	12.0	84	50	63	66	10	3	8	7	W <sup>1</sup>	NW <sup>4</sup>	SW <sup>1</sup>	0.2	☒
11.9	12.5	12.2	12.2	87	71	85	81	10	10	10	10	W <sup>1</sup>	NW <sup>1</sup>	E <sup>1</sup>	23.7	
11.3	9.4	9.7	10.1	85	45	64	65	10	5	8	8	NW <sup>1</sup>	NE <sup>2</sup>	NW <sup>2</sup>	2.2	
9.8	10.0	10.3	10.1	67	48	67	61	6	1	5	4	NW <sup>1</sup>	SE <sup>3</sup>	NE <sup>3</sup>	—	
10.3	12.6	11.2	11.4	69	51	66	62	0	2	4	2	NE <sup>1</sup>	NE <sup>2</sup>	NW <sup>1</sup>	—	
12.6	11.8	10.7	11.7	78	42	62	61	0	6	7	4	NE <sup>1</sup>	NW <sup>2</sup>	NE <sup>2</sup>	—	
9.1	7.4	6.7	7.7	86	89	91	89	10	10	0	7	E <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	14.9	☒
6.5	7.5	9.2	7.7	88	55	80	74	10	0	0	3	N <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	56.1	☒
9.2	11.8	11.6	10.9	78	85	91	85	1	10	9	7	NE <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
8.8	9.7	10.1	9.5	85	65	89	80	10	10	9	10	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	12.1	☒
8.7	10.4	8.6	9.2	86	79	80	82	10	10	2	7	NE <sup>1</sup>	SW <sup>1</sup>	SE <sup>1</sup>	6.2	
8.2	9.8	10.3	9.4	83	57	73	71	10	0	0	3	NW <sup>1</sup>	NE <sup>2</sup>	NW <sup>1</sup>	2.7	
11.3	10.9	11.3	11.2	81	48	71	67	1	2	2	1	NW <sup>1</sup>	NW <sup>1</sup>	SE <sup>1</sup>	—	
12.7	12.2	11.6	12.2	81	53	69	68	0	4	3	2	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	
12.8	12.4	11.6	12.3	83	54	69	69	2	2	2	2	NE <sup>1</sup>	SW <sup>5</sup>	SW <sup>1</sup>	—	
11.0	9.7	12.8	11.2	68	36	77	60	0	3	3	2	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	☒	
12.9	16.5	12.1	13.8	86	66	72	75	10	6	4	7	NW <sup>1</sup>	SW <sup>0</sup>	NE <sup>1</sup>	—	
14.1	11.8	11.9	12.6	81	60	73	71	3	9	4	5	NW <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	0.7	
12.4	15.7	11.5	13.2	93	75	71	80	10	3	3	5	E <sup>1</sup>	SE <sup>1</sup>	SE <sup>3</sup>	2.4	☒
11.9	12.7	11.0	11.9	72	53	73	65	5	4	3	4	NW <sup>2</sup>	SW <sup>3</sup>	SE <sup>1</sup>	—	
9.6	10.4	11.0	10.3	88	86	100	91	10	10	9	10	NE <sup>1</sup>	SW <sup>1</sup>	SE <sup>1</sup>	13.2	☒
9.8	11.5	10.0	10.4	91	91	95	92	10	10	8	9	SW <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	28.9	
10.85	11.17	10.86	10.94	80.1	56.6	74.0	70.3	5.3	5.0	4.7	5.1	1.0	1.4	1.4	169.6	

Grundwasserstand in Klagenfurt:

K. k. Militärspital	439.790 Meter.
Seeland .	437.906 >
Friedhofbrunnen .	— >
Wörtherseespiegel	441.306 >
Höchster Pegelstand am 30. .	441.374
Tiefster >	> 9. 441.255

Stationen	Seehöhe Meter	Luftdruck in Millimeter					Luftwärme Celsius °			
		Grösster	am	Kleinste.	am	Mittel	Grösste	am	Kleinste	am
Klagenfurt I.	448	729.6	3.	712.1	30.	721.9	29.5	7.	6.7	16.
dto. II.	504	—	—	—	—	—	30.2	7.	7.0	15.
Kappel a. d. Drau	411	—	—	—	—	—	30.5	5.	7.6	15.
Saager	486	—	—	—	—	—	28.7	7.	6.2	15.
St. Michael	495	—	—	—	—	—	26.2	5.	7.2	15.
Unterdrauburg	343	—	—	—	—	—	30.8	5.	5.6	15.
Liescha	552	720.1	2.	704.1	30.	713.5	32.5	6.	5.4	15.
Bad Vellach	805	—	—	—	—	—	—	—	—	—
Eisenkappel	554	—	—	—	—	—	28.9	7. 24.	5.4	16.
Obbir	2047	602.0	2.	587.5	30.	597.1	16.0	24.	— 2.6	16.
St. Andrä	432	—	—	—	—	—	28.1	7	9.4	19.
Stelzing	1410	—	—	—	—	—	22.0	6.	2.0	15.
Knappenberg	1045	—	—	—	—	—	26.3	6	3.0	15.
Hüttenberg	783	700.1	3.	684.4	30.	693.4	27.6	6.	3.2	16.
Guttaring	642	—	—	—	—	—	23.1	6.	3.5	16.
Eberstein	640	—	—	—	—	—	27.9	25.	4.0	16.
St. Georgen a. L.	556	—	—	—	—	—	28.1	7.	3.4	15. 16
St Veit	496	—	—	—	—	—	29.4	10.	4.8	16.
Bad Villach	842	—	—	—	—	—	29.0	5.	6.0	16.
Lind	526	—	—	—	—	—	30.4	7.	5.0	15.
Pörtltschach	464	—	—	—	—	—	28.6	5.	6.0	15.
Radweg	692	—	—	—	—	—	28.4	25.	4.8	15.
Sirnitz	800	—	—	—	—	—	25.4	7.	7.1	16.
Reichenau	1059	—	—	—	—	—	26.0	26.	4.8	2.
Villach Stadt	488	—	—	—	—	—	30.2	5.	6.2	15.
Bleiberg	927	688.9	2.	673.4	30.	683.0	27.8	5.	3.1	15.
Raibl	981	—	—	—	—	—	28.6	5.	2.6	15.
Tröpolach	593	—	—	—	—	—	30.5	5.	4.7	15.
Waidegg	640	—	—	—	—	—	29.0	5.	6.6	15.
Cornat	1067	683.9	1.	663.5	30.	672.5	23.2	3.	3.4	15.
Oberdrauburg	610	—	—	—	—	—	30.0	4. 5.	5.0	16.
Greifenburg	713	—	—	—	—	—	31.0	5.	5.6	16.
Lienz	679	709.2	2.	694.3	30.	702.7	29.8	5.	7.7	16.
Möllbrücken	520	—	—	—	—	—	29.6	5.	6.1	16.
Gmünd	723	—	—	—	—	—	—	—	—	—
Maltein	824	—	—	—	—	—	27.9	25.	7.0	15.
Heiligenblut	1301	659.2	3.	643.7	30.	652.2	26.2	5.	4.3	15.
St. Peter i.K	1217	—	—	—	—	—	26.4	5.	4.2	16.

Mittel	Danst- druck	Feuch- tigkeit	Bewölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit				
					Summe	Grösster in 24h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitt.	Sturm
18.7	10.9	70	5.1	NE	170	56	16.	11	8	11	15	0	0	8	0
18.4	—	—	6.0	SW	—	—	—	3	14	13	8	0	0	0	0
17.7	—	—	5.8	NE	219	61	15.	5	15	10	16	0	0	4	1
17.5	—	—	—	—	191	72	15.	—	—	—	13	0	0	0	0
16.9	—	—	5.3	SW	61	18	30.	10	8	12	9	0	0	4	4
17.6	—	—	4.5	E	208	57	15.	15	6	9	13	0	0	1	0
17.0	—	—	5.3	W	171	51	15.	8	13	9	12	0	0	0	0
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17.9	—	—	—	—	179	50	15.	—	—	—	14	0	0	0	0
7.4	6.5	84	6.3	SW	203	41	29.	5	12	13	15	1	0	5	3
17.4	—	—	5.6	—	56	23	29.	10	8	12	7	0	0	8	0
11.3	—	—	6.1	W	—	—	—	6	9	15	—	—	—	—	—
13.9	—	—	4.2	W	204	66	15.	11	15	4	20	1	0	10	0
15.7	—	—	4.5	W	169	67	15.	11	14	5	17	0	0	7	2
15.2	—	—	—	—	218	34	14.	—	—	—	17	0	1	2	4
18.0	—	—	—	—	—	—	—	—	—	—	13	0	1	4	0
15.9	—	—	—	—	194	66	15.	—	—	—	9	0	0	7	0
17.0	11.2	79	5.5	W	150	37	15	7	15	8	12	0	0	2	0
16.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17.6	—	—	4.6	SW	201	75	15.	8	8	14	13	0	0	7	0
17.1	11.6	78	3.6	SW	—	—	—	16	7	7	12	0	0	9	0
17.5	—	—	4.9	W	208	39	15.	7	10	13	16	0	0	12	6
15.8	—	—	5.6	S	194	20	15.	7	8	15	16	0	0	5	0
15.1	—	—	6.1	N	97	24	4.	6	6	18	15	0	1	5	0
17.5	11.0	73	4.9	E	205	47	5.	11	8	11	19	0	1	6	2
15.8	10.7	78	3.0	NW	219	42	16.	18	9	3	13	0	0	0	0
14.6	—	—	4.5	SW	275	48	15.	14	5	11	12	0	0	10	0
17.1	—	—	4.3	SW	220	38	14.	14	8	8	15	0	0	5	0
17.2	—	—	3.9	NW	—	—	—	15	8	7	15	0	0	10	1
14.9	8.1	63	5.4	SW	132	26	19.	10	8	12	13	0	0	4	0
15.9	—	—	—	—	138	25	17.	—	—	—	16	0	0	1	0
16.9	—	—	5.7	E	165	41	14.	6	10	14	11	0	0	3	0
16.7	9.4	67	5.2	NW	119	24	17.	—	—	—	16	0	0	8	2
16.6	—	—	5.6	—	292	80	26.	10	14	6	10	0	0	3	0
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16.7	—	—	5.1	SW	150	4	7.	9	8	13	10	0	0	0	0
13.8	3.9	75	5.6	—	—	—	—	6	12	12	13	0	0	0	0
13.4	—	—	5.5	S	155	24	17.	7	8	15	14	0	0	3	0

# Magnetische Declinations-Beobachtungen zu Klagenfurt

Juli

 von  
**F. Seeland.**

1888.

Tag	Declination zu Klagenfurt					an fremden Stationen			Stand des Grundwassers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	Kreuzmü- ster 10° +	Wien 9° +	Ofen 8° +	
	9° + Min.				Min.		Minuten		
1.	50·7	63·2	52·1	55·3	12·5	35·17	17·3	8·6	437·856
2.	50·7	56·9	53·4	53·7	6·2	33·22	15·6	7·6	437·856
3.	50·7	59·6	52·1	54·1	8·9	33·39	15·0	7·0	437·856
4.	50·0	58·3	54·8	54·4	8·3	32·64	16·1	7·5	437·856
5.	50·0	58·3	52·1	53·5	8·3	32·76	14·8	6·4	437·853
6.	50·0	60·3	53·4	54·6	10·3	33·87	16·7	7·6	437·851
7.	49·4	58·3	54·8	54·2	8·9	32·94	16·1	7·1	437·846
8.	49·4	57·6	53·4	53·5	8·2	32·74	16·2	6·5	437·866
9.	50·0	60·3	53·4	54·6	10·3	32·02	16·0	8·1	437·886
10.	49·4	57·6	52·1	53·0	8·2	31·34	15·3	6·6	437·911
11.	50·7	59·6	54·8	55·0	8·9	32·14	16·1	7·7	437·906
12.	50·0	60·3	52·8	54·4	10·3	33·37	16·4	8·1	437·976
13.	48·7	56·9	53·4	53·0	8·2	32·44	14·9	6·6	438·006
14.	49·4	59·0	52·8	53·7	9·6	34·21	16·2	8·0	438·032
15.	50·7	57·6	54·8	54·4	6·9	32·12	16·3	7·2	438·055
16.	50·0	59·0	52·8	53·9	9·0	32·74	15·9	7·2	438·069
17.	49·4	56·9	54·1	53·5	7·5	32·85	15·8	7·3	438·083
18.	48·7	59·0	52·8	53·5	10·3	32·08	15·7	7·7	438·096
19.	50·7	53·3	54·8	54·6	7·6	32·80	16·0	6·8	438·111
20.	54·1	59·0	54·1	55·7	4·9	33·26	15·7	7·6	438·106
21.	50·7	58·3	52·8	53·9	7·6	33·49	14·9	6·8	438·096
22.	50·7	59·0	52·8	54·2	8·3	33·65	16·3	8·2	438·096
23.	50·7	59·0	52·1	53·9	8·3	32·91	15·9	6·9	438·096
24.	50·0	58·3	51·8	53·4	8·3	32·89	15·5	7·2	438·099
25.	50·0	57·6	51·8	53·1	7·6	31·53	15·3	7·1	438·096
26.	50·0	58·3	53·4	53·9	8·3	31·83	15·4	7·3	438·093
27.	50·7	58·3	51·8	53·6	7·6	32·13	15·9	7·5	438·086
28.	48·7	60·0	53·4	54·0	11·3	31·89	15·7	7·5	438·076
29.	51·4	59·0	53·4	54·6	7·6	32·49	15·7	7·5	438·081
30.	49·4	59·0	52·1	53·5	9·6	32·23	14·9	7·6	438·076
31.	49·1	58·3	53·4	53·7	8·9	31·81	15·5	6·6	438·071
Mittel	50·14	53·74	53·15	54·01	8·6	32·74	15·8	7·3	438·001

Die magnetische Declination in Klagenfurt war 9° 54·01', mit dem Maximum 9° 55·7' am 20. und dem Minimum 9° 53·0' am 10.

Die mittlere Tagesvariation war 8·6', mit dem Maximum 12·5' am 1. und dem Minimum 4·9' am 20.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>	
1.	16.2	16.0	19.0	17.1	- 5.0	11.3	17.9	11.3	13.5	- 4.6	8	7	28.1
2.	21.4	22.3	23.6	22.4	+ 0.3	13.7	18.6	13.0	15.1	- 3.0	4	4	77.5
3.	23.9	21.2	20.6	21.9	- 0.2	11.7	19.3	16.9	16.0	- 2.1	8	4	31.4
4.	20.9	18.9	17.6	19.1	- 3.0	14.2	18.5	15.6	16.1	- 2.1	8	7	—
5.	17.9	16.7	16.9	17.2	- 4.9	14.7	18.6	16.6	16.6	- 1.8	7	4	1.2
6.	18.2	19.7	21.2	19.7	- 2.5	15.5	18.4	14.4	16.1	- 2.5	5	5	10.0
7.	22.7	22.2	21.2	22.0	- 0.2	15.9	21.6	18.4	18.6	+ 0.1	7	5	17.7
8.	21.9	21.3	23.7	22.3	+ 0.1	15.6	21.1	14.8	17.2	- 1.2	8	5	14.5
9.	23.2	22.9	23.7	23.3	+ 1.1	14.8	16.4	13.0	14.7	- 3.6	6	7	—
10.	24.0	20.9	20.0	21.6	- 0.6	13.4	19.2	15.8	16.1	- 2.1	7	4	22.8
11.	20.9	17.4	16.1	18.1	- 4.1	15.1	23.0	17.4	18.5	+ 0.3	6	4	48.4
12.	21.9	22.3	23.4	22.5	+ 0.2	9.4	14.6	11.8	11.9	- 6.5	10	6	11.5
13.	23.9	22.3	22.4	22.9	+ 0.6	14.4	18.4	12.8	14.5	- 4.1	9	5	17.8
14.	23.2	22.2	22.8	22.7	+ 0.4	12.7	20.6	13.0	15.4	- 4.6	5	4	62.4
15.	22.4	19.6	19.5	20.5	- 1.8	11.9	23.2	17.4	17.5	- 1.8	9	5	80.1
16.	20.6	18.0	15.6	18.1	- 4.2	17.3	24.8	19.2	20.4	+ 0.9	4	4	72.4
17.	13.6	13.2	14.0	13.6	- 8.7	16.7	24.6	18.6	20.0	+ 0.3	3	5	77.5
18.	14.0	13.9	16.4	14.8	- 7.6	18.8	21.4	14.0	18.1	- 1.6	5	5	55.1
19.	15.7	15.4	18.0	16.4	- 6.0	14.5	22.1	14.4	17.0	- 2.7	10	9	43.9
20.	19.0	18.7	21.0	19.6	- 2.8	14.0	20.6	16.6	17.1	- 2.6	9	5	55.4
21.	24.0	23.1	24.1	23.7	+ 0.7	14.9	23.4	16.6	18.6	- 1.1	4	5	77.3
22.	25.6	24.6	25.4	25.2	+ 2.3	16.2	21.2	16.6	18.0	- 1.8	7	4	55.7
23.	25.4	22.4	21.6	23.1	+ 0.7	15.7	26.1	20.2	20.7	+ 0.9	3	4	71.4
24.	25.0	23.8	25.6	24.8	+ 2.4	17.9	25.3	17.1	20.1	+ 0.3	8	4	58.5
25.	26.8	25.0	23.9	25.2	+ 2.8	16.9	25.4	20.1	20.8	+ 1.2	3	4	75.2
26.	23.1	20.4	23.7	22.4	- 0.1	19.3	23.4	20.2	22.6	+ 3.2	2	4	71.6
27.	25.1	23.1	21.4	23.2	+ 0.7	16.0	25.6	19.6	20.4	+ 1.3	5	4	73.7
28.	19.3	17.1	20.2	18.9	- 3.6	17.1	23.1	15.2	18.5	- 0.5	3	7	36.4
29.	21.5	20.1	19.8	20.5	- 2.0	13.9	20.8	16.6	17.1	- 2.8	8	4	47.0
30.	22.2	21.3	21.2	21.6	- 0.9	15.7	21.7	18.3	18.6	- 0.2	5	4	38.4
31.	21.8	22.3	23.3	22.5	- 0.0	15.4	26.0	20.6	20.7	+ 1.8	4	4	70.7
Mitt.	21.46	20.27	20.87	20.87	-1.41	14.90	21.61	16.36	17.62	-1.34	6.3	4.9	45.28

5.6

Am 1. Nachmittags Gewitter von West gegen Ost ziehend, Dauer 2—4<sup>h</sup>; am 8. 12—3<sup>h</sup> Morgens Gewitter mit heftigem Gussregen (9<sup>mm</sup> per Stunde); am 16. 11—1<sup>h</sup> Nachts Sturm, Gewitter und Regen aus West; am 18. Abends von 8—11<sup>h</sup> heftiges Gewitter aus Nordwest und Regen; am 28. von 2—5<sup>h</sup> heftiges Gewitter mit Platzregen.

im Juli 1888.

Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag	Schneehöhe m/m
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	m/m	
8.4	8.9	9.1	8.8	84	58	92	78	7	10.	4	7	E <sup>1</sup>	E <sup>1</sup>	SE <sup>1</sup>	39.8	↘
10.1	5.7	7.3	7.7	87	36	66	63	8	2	0	3	N <sup>1</sup>	NW <sup>4</sup>	SE <sup>1</sup>	3.4	
6.9	10.1	10.1	9.0	68	61	71	67	5	3	10	6	NE <sup>1</sup>	SE <sup>1</sup>	SW <sup>1</sup>	—	
10.8	11.4	11.8	11.3	91	72	89	84	10	10	9	10	SW <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	7.3	
11.3	11.8	13.0	12.0	91	74	93	86	10	10.	4	8	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	1.2	
12.4	11.9	11.5	11.9	94	76	95	88	10.	10.	9	10	NE <sup>1</sup>	NE <sup>3</sup>	NW <sup>1</sup>	2.2	
12.0	13.1	13.6	12.6	89	69	86	81	7	10	10.	9	NW <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	10.8	—
12.8	10.7	11.7	11.7	97	58	93	83	10.	9	10.	10	SW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	30.5	↘
11.3	12.1	10.4	11.3	90	87	94	90	10	10.	8	3	W <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>	15.1	↘
10.1	10.7	10.9	10.6	89	64	82	78	10	10	9	10	NW <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	8.1	
11.7	12.0	10.1	11.3	91	58	68	72	7	4	10	7	SW <sup>1</sup>	SW <sup>2</sup>	SW <sup>2</sup>	13.0	—
7.3	6.9	9.1	7.8	83	55	88	75	10	8	9	9	SE <sup>1</sup>	NE <sup>2</sup>	SW <sup>2</sup>	18.7	
9.3	8.1	8.9	8.8	88	52	82	74	8	9	8	8	W <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	3.0	
8.9	8.5	8.3	8.6	82	47	75	68	3	6	2	4	NE <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—	
7.9	10.6	10.8	9.8	76	50	73	66	2	3	0	2	NE <sup>1</sup>	NW <sup>1</sup>	NE <sup>2</sup>	—	
11.6	12.1	10.7	11.5	79	52	64	65	4	2	0	2	SW <sup>1</sup>	SE <sup>1</sup>	NW <sup>1</sup>	13.1	↘
13.0	12.3	10.8	12.0	92	53	68	71	7	4	6	6	SW <sup>1</sup>	SE <sup>3</sup>	NW <sup>1</sup>	1.5	
13.0	10.5	10.6	11.6	85	56	90	77	2	7	10.	6	SW <sup>0</sup>	SW <sup>4</sup>	SW <sup>3</sup>	12.8	↘
10.2	9.8	10.3	10.1	84	50	85	73	8	7	8	8	NW <sup>1</sup>	NE <sup>1</sup>	SW <sup>1</sup>	4.4	↘
10.7	10.1	9.9	10.2	91	56	70	72	5	5	3	4	NE <sup>1</sup>	SE <sup>1</sup>	SW <sup>1</sup>	1.2	
9.5	11.0	11.3	10.6	75	51	75	67	6	2	2	3	NW <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—	
11.3	10.2	12.0	11.2	82	55	85	74	3	9	0	4	NE <sup>1</sup>	NW <sup>6</sup>	NW <sup>1</sup>	1.7	↘
11.2	14.3	12.5	12.7	84	58	71	71	5	2	5	4	NW <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—	
13.3	11.5	13.8	12.9	87	48	93	77	6	4	5	5	NW <sup>1</sup>	SE <sup>2</sup>	SE <sup>1</sup>	3.6	↘
13.1	15.1	12.5	13.6	92	63	72	76	10	2	0	4	NE <sup>1</sup>	NE <sup>1</sup>	SE <sup>1</sup>	2.9	
13.6	14.5	11.3	13.1	82	51	64	66	0	3	1	1	NE <sup>1</sup>	SW <sup>3</sup>	NE <sup>1</sup>	—	
11.4	13.0	14.1	12.8	84	53	83	73	10	4	0	5	E <sup>1</sup>	NE <sup>2</sup>	SE <sup>1</sup>	—	
12.7	10.7	12.0	11.8	88	51	93	77	7	10.	4	7	NW <sup>1</sup>	NE <sup>2</sup>	SW <sup>1</sup>	21.5	↘
10.2	11.5	10.0	10.9	87	63	78	76	10.	4	3	6	NW <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	
11.4	13.1	14.1	12.9	86	68	90	81	10	5	2	6	NW <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	
12.3	14.4	11.6	12.8	94	58	64	72	10	3	0	4	NE <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	—	
11.00	11.18	11.13	11.10	86.19	58.16	80.45	74.87	7.2	6.0	4.7	6.0	1.0	1.9	1.2	215.9	

Grundwasserstand in Klagenfurt:

K. k. Militärspital	439.950 Meter.
Seeland . . . . .	438.001 „
Friedhofbrunnen .	436.690 „
Wörtherseespiegel	441.456 „
Höchster Pegelstand am 19. .	441.532
Tiefster „ „ 5. .	441.348

Stationen	Seehöhe Meter	Luftdruck in Millimeter					Luftwärme Cel		
		Grösster	am	Kleinst.	am	Mittel	Grösste	am	Kleinste
Klagenfurt I.	448	726·8	25.	713·2	17.	720·9	28·4	25.	9·4
dto. II.	504	—	—	—	—	—	28·6	26.	10·0
Kappel a. d. Drau	441	—	—	—	—	—	28·0	26.	9·0
Saager	486	—	—	—	—	—	27·2	26.	9·2
St. Michael	495	—	—	—	—	—	25·2	26.	9·0
Unterdranburg	343	—	—	—	—	—	29·2	26.	8·6
Liescha	552	716·9	25.	705·4	17.	712·5	28·6	26.	7·9
Eisenkappel	554	—	—	—	—	—	28·6	31.	7·8
Obir	2047	602·1	25.	589·5	17.	595·9	16·2	26.	—2·2
St. Andrä	432	—	—	—	—	—	26·0	26.	10·0
St. Peter	1217	—	—	—	—	—	23·6	23	4·6
Stelzing	1410	—	—	—	—	—	20·0	23.	3·6
Knappenberg	1045	—	—	—	—	—	24·5	31	5·4
Hüttenberg	783	648·0	25.	685·0	17.	692·3	26·0	26	4·0
Guttaring	642	—	—	—	—	—	27·3	24.	5·2
Eberstein	640	—	—	—	—	—	27·8	23.	6·4
St. Georgen a. L.	556	—	—	—	—	—	26·2	26.	8·0
St Veit	496	—	—	—	—	—	27·4	26. 31.	8·2
Villach Stadt	488	721·2	25.	708·7	18.	715·7	29·0	26.	8·8
Lind	526	—	—	—	—	—	28·1	26.	9·1
Pörtschach	464	—	—	—	—	—	27·0	25.	9·0
Radweg	692	—	—	—	—	—	27·0	26.	7·4
Sirnitz	800	—	—	—	—	—	23·4	27.	9·8
Reichenau	1059	—	—	—	—	—	25·4	23.	5·0
Bad Villach	488	—	—	—	—	—	25·0	26. 27.	5·0
Bleiberg	927	687·0	22.	674·1	18.	668·9	24·0	26.	10·4
Raibl	981	—	—	—	—	—	24·2	25. 27.	5·0
Tröpolach	593	—	—	—	—	—	26·3	25.	9·6
Waidegg	640	—	—	—	—	—	25·0	27.	10·4
Cornat	1067	—	—	—	—	—	21·2	30.	7·0
Oberdranburg	610	—	—	—	—	—	28·0	21.	8·0
Greifenburg	713	—	—	—	—	—	27·0	23.	8·0
Lienz	679	707·6	25.	694·4	17.	701·6	26·6	23.	8·4
Möllbrücken	520	—	—	—	—	—	28·0	3. 7.	6·2
Gmünd	728	—	—	—	—	—	25·5	25.	9·1
Maltein	824	—	—	—	—	—	26·9	24.	7·1
Heiligenblut	1301	—	—	—	—	—	22·0	26.	6·0
Glocknerhaus	2111	—	—	—	—	—	16·0	16.	—1·0
Sonnblick	3093	528·1	25.	516·5	18.	522·1	4·2	23.	—9·8

am	Mittel	Dunst- druck mm.	Feuch- tigkeit %	Bewölkung	Herr- schender Wind	Niederschlag		Tage			darunter mit					
						Summe	Grösster in 24h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitt.	Sturm
12.	17.6	11.1	75	6.0	NE	216	40	1.	4	13	14	16	0	0	8	1
12.	17.5	—	—	6.7	SW	—	—	—	2	13	16	—	—	—	—	—
12.	17.0	—	—	6.2	NE	280	76	10.	3	10	18	21	0	0	6	2
12.	16.8	—	—	—	—	192	56	28.	—	—	—	20.	0	0	0	0
15.	16.1	—	—	6.5	SW	—	—	—	5	8	18	15	0	0	4	0
3.	17.2	—	—	4.5	E	150	34	28.	13	5	13	14	0	0	2	0
12.	16.0	—	—	5.6	SW	135	24	8	5	15	11	18	0	1	6	0
12	16.8	—	—	—	—	223	44	9.	—	—	—	21	0	0	0	0
12.	6.7	6.6	89	6.5	SW	209	35	28.	7	5	19	20	2	3	8	9
13. 14.	18.0	—	—	6.3	—	125	23	28.	7	10	14	14	0	0	4	0
12.	12.1	—	—	6.7	S	195	40	6.	2	9	20	19	0	0	3	0
12.	10.9	—	—	6.3	W	—	—	—	4	14	3	—	—	—	—	—
2	13.0	9.4	82	4.6	SW	147	21	9.	10	13	8	17	0	0	7	0
3.	14.9	—	—	5.0	W	130	24	9.	9	14	8	12	0	0	4	0
3.	15.0	—	—	4.4	—	123	18	7.	15	5	11	17	0	1	2	0
12.	15.1	—	—	5.6	—	—	—	—	6	14	11	—	—	—	—	—
12.	14.2	—	—	—	—	124	22	28.	—	—	—	13	0	1	7	0
12.	17.2	13.4	91	7.5	W	132	22	6.	1	8	22	21	0	1	0	0
12.	16.8	11.1	77	6.1	E	163	19	28.	8	7	16	18	0	2	5	5
12.	16.4	—	—	6.5	SW	152	39	8.	5	7	19	13	1	1	7	0
11.	16.3	11.7	84	4.3	W	—	—	—	13	9	9	—	—	—	—	—
12.	16.1	—	—	5.9	W	163	29	7.	7	8	16	20	0	0	9	3
12.	14.8	—	—	6.9	S	224	26	24.	5	8	18	17	0	1	5	3
15.	12.6	—	—	7.1	S	184	30	7.	5	7	19	22	0	1	6	4
14.	15.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1.	14.5	10.4	83	3.9	W	205	27	11.	17	8	6	20	0	0	0	0
12.	13.4	—	—	6.9	SW	299	51	7.	7	7	17	19	0	2	7	0
2.	15.8	10.8	80	5.5	SW	226	41	28.	12	6	13	18	0	1	7	1
3.	16.3	—	—	5.7	SE	—	—	—	8	12	11	18	0	0	8	0
2.	13.3	8.4	72	5.2	N	182	27	17.	8	10	13	14	0	0	2	0
3.	15.6	—	—	5.9	NW	135	20	7.	7	9	15	14	0	0	1	0
4.	16.0	—	—	6.8	E	135	23	11.	1	9	21	17	0	0	4	0
3	15.8	9.8	72	6.2	NW	121	18	16.	5	11	15	21	0	0	6	3
3.	15.8	—	—	6.6	—	189	67	6.	5	13	13	17	0	0	1	0
10.	16.7	—	—	7.3	S	62	11	16.	2	8	21	16	0	0	3	0
13.	14.8	—	—	6.7	SW	122	2	16.	4	10	17	15	0	1	3	0
12.	12.5	—	75	6.7	—	—	—	—	5	5	21	16	0	0	0	0
12.	7.0	—	—	7.0	SE	—	—	—	2	10	19	12	3	4	4	3
14.	-0.9	—	97	8.4	SW	—	—	—	1	5	25	19	18	0	5	6

# Magnetische Declinations-Beobachtungen zu Klagenfurt

August

 von  
**F. Seeland.**

1888.

Tag	Declination zu Klagenfurt					an fremden Stationen			Stand des Grundwassers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	Kreuzmünster 10° +	Wien 9° +	Ofen 8° +	
	9° + Min.				Min.	Minuten			
1.	49·4	58·3	51·4	53·0	8·9	29·80	14·7	6·2	438·066
2.	50·0	61·0	56·2	55·7	11·0	29·61	14·7	6·5	438·056
3.	50·0	59·0	53·4	54·1	9·0	30·02	12·5	6·3	438·052
4.	59·8	59·0	54·1	56·0	4·9	30·75	14·8	7·0	438·046
5.	52·8	60·3	56·2	56·4	7·5	23·95	14·6	7·1	438·036
6.	53·4	61·0	56·2	56·9	7·6	29·65	14·6	6·5	438·029
7.	53·4	59·6	54·1	55·7	6·2	31·06	15·5	6·7	438·021
8.	51·4	59·3	54·8	55·2	7·9	31·03	14·8	6·7	438·016
9.	50·7	61·6	56·2	56·2	10·9	30·23	14·8	6·5	438·001
10.	50·7	61·6	56·2	56·2	10·9	23·99	15·0	6·7	438·986
11.	53·4	59·3	52·1	54·9	7·2	29·24	15·4	7·1	438·976
12.	49·4	64·4	56·2	56·7	15·0	31·86	16·2	7·8	433·966
13.	53·4	61·6	54·1	56·4	8·2	29·13	15·2	6·1	438·952
14.	51·4	59·3	52·1	54·3	7·9	28·58	14·7	6·0	437·926
15.	52·8	60·3	54·1	55·7	7·5	29·26	15·4	7·1	437·921
16.	52·1	59·3	56·2	55·9	7·2	29·94	16·7	9·2	437·921
17.	51·4	59·0	54·1	54·8	7·6	29·40	14·8	7·2	437·921
18.	54·1	59·0	54·8	55·9	4·9	30·58	14·6	6·3	437·916
19.	50·7	60·3	51·4	54·1	9·5	30·44	13·6	6·1	437·901
20.	53·4	60·3	52·8	55·8	7·5	29·43	15·4	7·8	437·894
21.	50·7	60·8	52·8	54·6	9·5	30·38	15·2	7·5	437·876
22.	50·7	57·6	54·8	54·4	6·9	30·24	14·2	5·9	437·866
23.	52·8	60·3	53·4	55·5	7·5	30·29	15·2	7·5	437·856
24.	51·4	57·6	54·8	54·6	6·2	29·31	15·1	6·9	437·844
25.	51·4	59·6	54·8	55·3	7·2	29·39	14·9	6·9	437·831
26.	52·1	59·6	54·8	55·5	7·5	29·88	15·0	7·1	437·816
27.	51·4	61·6	54·8	55·9	10·2	29·56	14·4	6·5	437·806
28.	53·4	59·6	55·5	56·2	6·2	29·74	15·3	6·6	437·791
29.	51·4	61·0	54·8	55·7	9·6	29·42	13·8	6·8	437·765
30.	53·4	57·6	54·8	55·3	4·2	29·53	15·1	7·1	437·766
31.	52·1	57·6	54·1	54·6	5·5	30·70	14·8	6·8	437·753
Mittel	51·9	59·9	54·2	55·3	8·0	29·87	14·88	6·9	437·922

Die magnetische Declination in Klagenfurt war 9° 55·3', mit dem Maximum 9° 56·9' am 6. und dem Minimum 9° 53·0' am 1.

Die mittlere Tagesvariation war 8·0', mit dem Maximum 15·0' am 12. und dem Minimum 4·2' am 30.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>	
1.	23.4	21.2	21.1	21.9	- 0.6	18.2	29.6	22.0	23.3	+ 4.3	5	4	78.6
2.	20.9	17.9	17.3	18.7	- 3.9	18.2	20.8	14.4	17.8	- 1.2	5	9	42.3
3.	19.0	22.2	25.7	22.3	- 0.3	15.4	20.8	14.3	16.8	- 2.2	9	4	28.2
4.	27.8	27.0	26.9	27.2	+ 4.6	12.3	19.8	15.8	16.0	- 3.0	4	3	67.6
5.	26.2	21.4	18.9	22.2	- 0.4	13.8	21.0	16.2	17.0	- 1.9	7	4	57.4
6.	18.8	20.6	22.9	20.8	- 1.8	13.2	13.7	11.4	12.8	- 6.0	8	4	—
7.	23.2	23.1	25.7	24.0	+ 1.4	10.3	18.6	10.6	13.2	- 5.5	7	4	57.1
8.	26.5	27.5	29.0	27.7	+ 5.1	12.1	19.1	12.5	14.6	- 4.0	4	4	43.2
9.	30.1	29.5	29.7	29.8	+ 7.1	11.3	23.5	18.2	17.7	- 0.9	8	4	71.2
10.	30.9	29.9	30.4	30.4	+ 7.7	15.4	25.3	17.0	19.2	+ 0.7	5	4	93.1
11.	31.2	28.9	27.8	29.3	+ 6.6	14.9	26.2	19.2	20.1	+ 1.7	5	4	91.0
12.	28.1	26.0	25.5	26.5	+ 3.8	17.7	28.6	21.5	22.6	+ 4.2	3	5	31.7
13.	25.9	24.0	24.3	24.7	+ 2.0	18.7	29.5	24.2	24.1	+ 5.6	4	4	87.5
14.	26.5	25.1	27.6	26.4	+ 3.7	18.6	29.2	20.6	22.8	+ 4.4	4	4	80.4
15.	27.5	24.2	22.2	24.6	+ 1.9	17.5	27.2	21.2	22.0	+ 3.7	9	3	91.6
16.	22.5	19.2	20.3	20.7	- 2.0	18.2	27.9	21.4	22.5	+ 4.3	3	4	84.5
17.	21.9	18.6	16.4	19.0	- 3.7	17.0	24.2	19.7	20.3	+ 2.4	3	4	49.8
18.	12.6	16.6	20.0	16.4	- 6.3	17.4	16.3	13.8	15.8	- 2.2	6	5	22.7
19.	23.0	23.3	25.3	23.9	+ 1.1	11.4	19.7	14.4	15.2	- 2.1	8	4	52.5
20.	26.2	23.9	23.5	24.5	+ 1.7	10.4	20.6	14.8	15.3	- 1.9	5	4	81.1
21.	23.7	21.4	22.2	22.4	- 0.4	12.7	22.1	16.5	17.1	0.0	5	3	24.3
22.	21.8	19.1	21.5	20.8	- 2.0	13.3	22.6	14.2	16.7	- 0.3	4	4	42.4
23.	23.7	24.3	25.6	24.5	+ 1.7	12.3	20.3	14.3	15.6	- 1.4	11	3	62.3
24.	26.6	24.2	23.5	24.8	+ 2.0	12.1	21.4	16.2	16.6	- 0.3	4	4	94.2
25.	23.0	21.1	22.1	22.1	- 0.7	13.2	23.1	17.7	18.0	+ 1.1	5	4	61.3
26.	23.0	22.7	23.8	23.2	+ 0.4	15.9	22.9	17.8	18.9	+ 2.1	6	3	59.1
27.	24.9	23.9	24.3	24.4	+ 1.6	13.3	23.9	17.0	18.1	+ 1.3	8	4	80.1
28.	25.6	24.8	24.6	25.0	+ 2.2	12.6	23.7	16.4	17.6	+ 0.9	3	3	73.5
29.	24.7	23.5	24.9	24.4	+ 1.6	13.9	24.3	19.4	19.2	+ 2.5	4	3	89.6
30.	25.9	23.4	24.2	24.5	+ 1.7	15.4	24.2	17.6	19.1	+ 2.5	4	4	56.3
31.	24.9	23.8	26.4	25.0	+ 2.2	14.1	22.9	16.1	17.7	+ 1.3	5	3	44.8
Mitt.	24.52	23.30	23.99	23.94	+ 1.26	14.54	23.00	16.98	18.16	+ 0.32	5.5	4.0	63.18

4.7

Am 2. von 1 bis 3<sup>h</sup> und 5 bis 7<sup>h</sup> Nachmittags Gewitter aus Westen, Abends Sturm; am 16, 10 bis 12<sup>h</sup> Nachts ein heftiges Gewitter aus Nord-West; am 21. um 10<sup>h</sup> a. m. ein schöner Sonneneingang.

# im August 1888.

Von **F. Seeland.**

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Niede schla
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	
12.2	15.3	11.4	13.0	78	50	58	62	0	6	0	2	NW <sup>1</sup>	SW <sup>2</sup>	SW <sup>1</sup>	—
12.0	13.6	10.6	12.1	77	75	87	80	2	10	2	5	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>3</sup>	16.3
10.0	10.9	8.9	9.9	77	60	74	70	4	10	2	5	NW <sup>2</sup>	NW <sup>1</sup>	NE <sup>1</sup>	—
8.3	7.3	8.9	8.2	78	43	66	62	7	3	4	5	NW <sup>1</sup>	SW <sup>1</sup>	NE <sup>4</sup>	—
9.6	10.5	10.3	10.1	82	57	75	71	0	8	10	6	SE <sup>1</sup>	SW <sup>2</sup>	SW <sup>1</sup>	Spur
10.4	6.4	8.1	8.3	93	55	81	76	10	10	10	10	W <sup>1</sup>	NE <sup>2</sup>	SW <sup>2</sup>	2.9
7.5	5.1	7.8	6.8	79	31	83	64	4	3	1	3	NW <sup>1</sup>	NW <sup>6</sup>	NW <sup>1</sup>	—
8.0	8.9	7.9	8.3	76	55	73	68	3	8	0	4	W <sup>2</sup>	SW <sup>2</sup>	NE <sup>2</sup>	—
8.3	9.3	10.2	9.3	83	43	65	64	1	5	2	3	NE <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>	—
10.4	10.6	12.1	11.0	80	45	84	70	0	2	0	1	NW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	—
10.4	13.6	14.3	12.8	83	54	87	75	0	0	0	0	NE <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—
12.9	13.8	14.5	13.7	80	48	76	70	0	1	0	0	E <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—
13.8	15.4	14.8	14.7	87	50	66	68	0	2	0	1	NW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	—
14.2	16.5	15.0	15.2	89	55	83	76	0	3	10	4	NW <sup>0</sup>	NW <sup>1</sup>	NW <sup>4</sup>	18.8
13.1	14.7	10.2	12.7	88	55	30	58	0	0	1	0	NE <sup>1</sup>	NE <sup>1</sup>	E <sup>1</sup>	—
13.7	14.5	13.9	14.0	88	53	74	72	0	3	2	2	NW <sup>1</sup>	NW <sup>1</sup>	NE <sup>3</sup>	16.5
13.8	13.3	11.9	13.0	96	60	70	75	8	5	3	5	NE <sup>1</sup>	E <sup>1</sup>	NW <sup>1</sup>	—
12.2	11.9	9.8	11.3	83	86	81	84	7	10	8	8	SW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	4.7
8.3	8.7	6.5	7.8	82	51	53	62	8	8	8	8	NW <sup>1</sup>	SW <sup>2</sup>	NE <sup>2</sup>	0.6
6.9	9.0	9.9	8.6	74	50	80	63	1	4	5	3	NW <sup>1</sup>	E <sup>1</sup>	SE <sup>1</sup>	—
9.4	12.1	10.4	10.6	87	61	74	74	10	7	4	7	SE <sup>1</sup>	SE <sup>2</sup>	SE <sup>1</sup>	9.5
9.7	10.6	10.6	10.3	86	52	88	75	2	8	10	7	NE <sup>1</sup>	SW <sup>2</sup>	NE <sup>2</sup>	—
9.8	8.2	9.6	9.1	90	47	79	72	10	3	9	7	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—
8.4	10.5	11.4	10.1	80	56	83	73	3	1	2	2	NE <sup>1</sup>	NE <sup>3</sup>	NE <sup>1</sup>	—
10.2	12.2	11.0	11.1	91	59	73	74	0	5	6	4	NE <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—
11.9	10.8	11.3	11.3	88	53	74	72	10	5	4	6	NE <sup>1</sup>	NE <sup>3</sup>	SE <sup>2</sup>	—
9.8	9.8	10.6	10.1	87	45	74	69	2	4	0	2	NE <sup>1</sup>	NE <sup>3</sup>	SE <sup>1</sup>	—
9.7	10.2	11.3	10.4	90	47	81	73	4	4	0	3	NE <sup>1</sup>	NE <sup>3</sup>	NE <sup>2</sup>	—
10.0	10.7	12.0	10.9	85	48	72	68	0	3	4	2	NE <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—
11.6	15.5	12.3	13.1	89	69	82	80	5	8	0	4	NE <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—
10.5	14.6	10.1	11.7	88	70	74	77	2	10	10	7	NE <sup>1</sup>	NW <sup>2</sup>	NE <sup>4</sup>	—
10.5	11.4	10.9	10.9	84.5	54.3	74.3	71.0	3.3	5.1	3.8	4.1	1.0	1.6	1.7	52.3

### Grundwasserstand in Klagenfurt:

K. k. Militärspital	439.720 Meter.
Seeland . . .	437.922 „
Friedhofbrunnen .	436.539 „
Wörtherseespiegel	441.313 „
Höchster Pegelstand am 1.	441.427
Tiefster „ „ 31..	441.255

Stationen	Seehöhe Meter	Luftdruck in Millimeter					Luftwärme Celsius °			
		Grösster	am	Kleinst.	am	Mittel	Grösste	am	Kleinste	am
Klagenfurt I.	448	731·2	11.	712·6	18.	723·9	29·6	1.	10·3	7.
dto. II.	504	—	—	—	—	—	31·3	13.	10·3	20.
Kappel a. d. Drau	441	—	—	—	—	—	30·6	13.	9·7	7.
Saager	486	—	—	—	—	—	28·2	14.	8·7	20.
St. Michael	495	—	—	—	—	—	27·8	2.	10·0	20.
Unterdrauburg	343	—	—	—	—	—	32·0	13.	9·6	24.
Liescha	552	721·7	10.	707·8	18.	715·5	24·1	14.	11·3	6.
Villach Stadt	805	725·7	11.	707·6	18.	718·7	3)5	13.	9·6	19.
Eisenkappel	554	—	—	—	—	—	30·0	13.	7·4	9.
Obir	2047	605·8	11.	589·2	18.	599·0	22·4	13.	—2·8	7.
St. Andrä	432	—	—	—	—	—	28·3	13.	10·4	6.
Stelzing	1410	—	—	—	—	—	22·6	14.	4·6	7.
Knappenberg	1045	—	—	—	—	—	23·0	13.	6·4	20.
Hüttenberg	783	703·2	11.	681·0	18.	695·4	29·4	13.	7·0	20.
Guttaring	642	—	—	—	—	—	31·0	13.	7·4	20.
Eberstein	640	—	—	—	—	—	29·6	14.	8·0	20.
St. Georgen a. L.	556	—	—	—	—	—	30·0	12.	7·3	20.
Lind b. Veld.	526	—	—	—	—	—	30·0	15.	9·1	9.
Pörschach	464	—	—	—	—	—	28·0	13. 14.	9·8	7.
Radweg	692	—	—	—	—	—	28·2	14.	10·4	6.
Sirnitz	800	—	—	—	—	—	26·4	13.	9·8	7.
Reichenau	1059	—	—	—	—	—	21·1	13.	3·4	20.
Bad Villach	488	—	—	—	—	—	27·0	13. 14. 16.	8·0	28. 29.
Bleiberg	927	691·5	11.	674·4	18.	685·1	25·8	14.	7·2	6.
St. Peter i. K.	1217	—	—	—	—	—	27·6	14.	8·2	7.
Raibl	931	—	—	—	—	—	30·4	14.	4·6	7.
Tröpolach	593	—	—	—	—	—	30·2	13.	6·4	6.
Waidegg	640	—	—	—	—	—	29·0	13.	11·0	7.
Cornat	1067	682·1	10.	661·7	27	673·3	27·2	27	4·2	6.
Lienz	679	712·1	11.	694·9	18	704·7	30·0	13. 14.	8·3	9.
Oberdrauburg	610	—	—	—	—	—	30·0	13.	8·0	9.
Greifenburg	713	—	—	—	—	—	30·0	13. 15.	8·0	23.
Sachsenburg	552	—	—	—	—	—	29·4	14.	5·8	9.
Gmünd	723	—	—	—	—	—	30·4	13.	8·7	20.
Maltein	824	—	—	—	—	—	29·3	11. 15.	7·5	20.
Heiligenblut	1301	661·6	11.	645·1	18.	654·1	27·2	14.	6·0	6. 7.
Glocknerhaus	2111	—	—	—	—	—	18·6	12	—2·5	7.
Sonnblick	3093	533·3	11.	516·1	6.	525·2	9·2	14.	—9·4	7.

Mittel	Dunst- druck	Feuch- tigkeit %	Bewölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit				
					Summe	Größter in 24h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitt.	Sturm
18.2	10.9	71	4.1	NE	52	16	16.	14	10	7	8	0	0	4	1
18.7	—	—	4.5	SW	—	—	—	8	18	5	—	—	—	—	—
17.4	—	—	4.6	NW	90	36	31.	11	12	8	7	0	0	2	1
17.5	—	—	—	—	124	31	16.	—	—	—	8	0	1	0	0
17.7	—	—	4.4	E	52	16	19.	9	13	9	9	0	0	3	0
18.1	—	—	3.5	E	102	35	2.	19	4	6	8	0	0	0	0
17.2	—	—	4.5	W	63	23	23	12	11	8	8	0	0	5	0
17.7	11.5	76	4.1	W	88	27	31.	15	10	6	10	0	1	4	2
17.5	—	—	—	—	105	32	31.	—	—	—	9	0	0	0	0
8.0	6.7	81	5.2	SW	101	35	31.	8	11	13	8	2	0	2	10
18.0	—	—	5.0	—	82	31	16.	8	16	7	5	0	1	4	0
12.0	—	—	5.2	—	—	—	—	6	16	9	—	—	—	—	—
13.6	—	—	3.2	NW	103	78	17.	17	13	1	10	0	2	5	0
15.5	—	—	3.8	N	83	44	16.	12	15	4	4	0	1	2	2
15.4	—	—	—	NW	131	36	2.	—	—	—	7	0	1	0	0
18.2	—	—	3.5	—	—	—	—	13	16	2	8	0	1	5	2
15.6	—	—	—	—	52	22	1.	—	—	—	7	0	1	5	0
16.3	—	—	3.4	SW	36	10	2.	17	4	10	6	0	0	3	1
16.9	11.6	79	2.3	SW	—	—	—	23	6	2	6	0	0	3	0
17.7	—	—	3.7	W	64	29	31	10	15	6	6	0	0	6	4
16.0	—	—	4.6	S	101	37	16.	12	10	9	10	0	1	4	0
13.5	—	—	5.3	S	86	19	31.	10	8	13	12	0	0	6	7
15.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15.0	10.2	79	2.5	SW	95	22	31	21	9	1	9	0	0	0	0
13.0	—	—	5.4	N	87	17	18.	7	9	15	12	0	0	4	0
15.0	—	—	4.1	SW	170	42	31.	14	8	9	8	0	1	5	3
16.2	—	—	3.6	SW	107	52	2.	16	9	6	9	0	1	5	0
17.6	—	—	3.8	SE	—	—	—	16	12	3	11	0	0	4	0
14.7	—	—	2.8	N	65	26	18	21	5	5	5	0	0	0	0
16.6	9.8	63	4.8	NW	83	22	16.	12	9	10	10	0	0	6	1
16.5	—	—	4.1	SW	63	11	3.	13	8	10	10	0	0	0	0
17.0	—	—	5.4	E	76	26	16.	9	7	15	9	0	0	5	0
16.8	—	—	5.5	—	—	—	—	—	—	—	10	0	0	2	0
16.4	—	—	5.6	S	33	15	14	19	7	14	8	0	0	3	3
15.8	—	—	4.6	NW	111	36	16.	13	8	10	11	0	0	4	0
14.0	9.4	77	5.7	—	116	6	2.	11	7	13	10	0	0	0	0
8.5	—	—	3.5	N	138	34	19.	9	5	17	16	3	3	3	4
0.0	—	92	7.1	SW	—	—	—	8	4	19	12	8	2	4	5

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von  
September **F. Seeland.** 1888.

Tag	Declination zu Klagenfurt					an fremden Stationen			Stand des Grundwassers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	Kremsmünster 10° +	Wien 9° +	Ofen 8° +	
	9° + Min.				Min.	Minuten			
1.	52.1	56.6	51.9	53.5	4.7	25.12	13.5	6.7	437.741
2.	50.7	59.6	50.7	53.7	8.9	23.78	14.5	5.9	437.751
3.	51.4	57.6	52.8	53.9	5.2	23.72	14.2	6.2	437.763
4.	52.1	59.6	53.4	55.0	7.5	23.86	14.4	6.5	437.763
5.	52.8	59.0	55.5	55.8	6.2	23.75	14.6	7.2	437.747
6.	49.4	50.7	52.1	50.7	2.7	22.65	14.2	6.8	437.736
7.	49.4	56.2	52.8	52.8	6.8	24.06	15.7	7.4	437.735
8.	50.0	56.9	52.8	53.2	6.9	24.15	16.2	6.9	437.719
9.	49.4	56.9	52.1	52.5	6.5	24.92	14.5	6.8	437.719
10.	50.0	56.2	50.7	52.3	6.2	23.93	14.3	5.9	437.717
11.	49.4	56.9	52.1	52.8	6.5	24.59	15.2	6.8	437.709
12.	51.4	59.0	51.4	50.6	7.6	24.84	15.3	6.8	437.703
13.	50.7	59.0	49.4	52.7	0.6	23.12	14.8	6.5	437.696
14.	50.0	56.2	52.1	52.8	6.2	23.26	13.5	6.1	437.686
15.	53.4	56.9	49.4	53.2	7.5	22.67	13.0	6.7	437.683
16.	52.1	56.2	50.7	53.0	5.5	23.84	14.7	7.1	437.676
17.	49.4	54.8	52.8	52.3	5.4	23.29	13.7	6.7	437.666
18.	50.0	56.2	50.0	52.1	6.2	23.34	14.0	6.1	437.656
19.	51.4	55.5	50.7	52.5	4.8	22.28	13.5	6.3	437.654
20.	50.0	56.2	53.4	53.2	6.2	24.31	15.0	7.6	437.644
21.	50.7	56.0	50.0	52.5	6.9	24.14	14.0	6.8	437.632
22.	50.7	55.5	50.7	52.3	4.8	23.46	14.2	6.7	437.631
23.	50.0	57.6	50.7	52.8	7.6	22.71	14.7	6.9	437.621
24.	50.7	59.6	53.4	54.6	8.9	24.28	15.7	7.1	437.614
25.	51.4	59.6	50.7	53.9	8.9	25.86	15.4	6.6	437.601
26.	52.1	57.6	52.1	53.9	5.5	25.68	14.8	6.3	437.606
27.	54.8	57.6	52.1	54.8	5.5	26.06	14.2	6.8	437.596
28.	52.1	59.6	48.0	53.2	11.6	23.20	12.2	5.8	437.586
29.	52.1	57.6	51.4	53.7	6.2	23.09	14.2	5.3	437.581
30.	52.8	56.2	52.8	53.9	3.4	24.84	15.1	6.5	437.573
Mittel	50.9	57.1	51.6	53.2	6.3	23.96	14.53	6.59	437.674

Die magnetische Declination in Klagenfurt war 9° 53'2", mit dem Maximum 9° 55'8" am 5. und dem Minimum 9° 50'6" am 12.

Die mittlere Tagesvariation war 6'3", mit dem Maximum 11'6" am 28. und dem Minimum 0'6" am 13.

Am 28. abends Störung.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>	
1.	26.4	24.2	23.7	24.8	+ 2.0	13.8	16.5	13.4	14.6	- 1.6	8	4	—
2.	21.2	19.8	19.7	20.2	- 2.6	13.7	16.5	13.7	14.6	- 1.4	8	6	13.0
3.	21.4	23.1	24.7	23.1	+ 0.3	11.8	19.0	13.6	14.8	- 1.0	7	4	57.7
4.	27.0	26.1	27.0	26.7	+ 3.9	10.2	19.5	14.0	14.6	- 0.9	7	3	63.6
5.	29.5	29.1	29.2	29.3	+ 6.5	11.2	22.0	16.7	16.6	+ 1.1	6	3	74.0
6.	30.7	28.5	27.2	28.8	+ 6.0	13.5	22.8	17.4	17.9	+ 2.6	7	3	77.8
7.	26.5	24.5	23.6	24.9	+ 2.1	14.8	23.4	18.6	18.9	+ 3.7	4	3	53.8
8.	21.6	20.8	23.1	21.8	- 1.0	15.8	24.0	14.9	18.2	+ 3.2	5	3	33.3
9.	24.6	25.6	27.0	25.7	+ 2.9	13.5	19.7	15.0	16.1	+ 1.3	10	3	17.0
10.	28.7	28.0	28.5	28.4	+ 5.6	14.5	20.5	17.5	17.8	+ 3.2	6	3	1.6
11.	28.5	28.9	29.9	29.1	+ 6.3	15.6	22.1	18.2	18.9	+ 4.6	5	3	7.7
12.	31.5	31.8	31.8	31.7	+ 8.9	15.5	20.6	18.7	18.3	+ 4.3	4	4	3.9
13.	32.6	32.3	32.1	32.3	+ 9.5	16.4	20.5	16.8	17.9	+ 4.2	9	4	11.0
14.	31.8	30.8	30.2	30.9	+ 8.2	14.1	20.4	14.2	16.2	+ 2.6	7	3	65.1
15.	30.0	28.0	27.3	28.4	+ 5.7	10.7	19.3	13.8	14.6	+ 1.1	4	5	46.8
16.	27.5	25.1	25.1	25.9	+ 3.2	10.7	21.0	15.9	17.9	+ 4.5	2	5	52.0
17.	24.4	23.9	24.2	24.2	+ 1.5	14.3	19.3	15.1	16.2	+ 2.7	6	3	13.7
18.	24.8	24.5	25.8	25.0	+ 2.3	11.9	19.2	14.1	15.1	+ 1.6	4	5	58.5
19.	28.0	27.1	28.2	27.8	+ 5.1	8.0	17.4	10.8	12.1	- 1.3	5	4	76.4
20.	29.5	29.1	29.9	29.5	+ 6.8	6.3	17.2	13.0	12.2	- 1.2	5	4	44.2
21.	30.4	30.0	30.0	30.1	+ 7.4	11.7	17.8	12.0	13.8	+ 0.5	4	4	—
22.	30.8	30.5	30.5	30.6	+ 8.0	7.0	17.8	11.6	12.1	- 1.1	4	3	65.3
23.	31.4	29.4	23.6	29.8	+ 7.2	7.0	17.7	11.2	13.0	- 0.1	3	4	60.9
24.	27.0	23.6	22.5	24.4	+ 1.8	8.0	19.2	13.2	13.5	+ 0.5	4	4	50.8
25.	20.6	20.5	22.0	21.0	- 2.6	11.3	18.9	13.6	14.6	+ 1.8	5	4	—
26.	24.7	25.3	27.4	25.8	+ 3.2	12.4	14.7	12.6	13.2	+ 0.5	8	4	—
27.	27.6	26.1	26.0	26.6	+ 4.0	10.9	15.9	11.0	12.6	+ 0.1	8	6	10.1
28.	26.2	24.1	25.1	25.1	+ 2.5	7.6	16.5	9.2	11.1	- 1.3	5	4	72.9
29.	25.3	22.3	20.7	22.8	+ 0.2	6.5	14.6	10.2	10.4	- 1.9	3	4	53.0
30.	15.7	13.0	11.2	13.3	- 9.2	8.7	16.0	13.3	12.7	+ 0.4	2	4	8.5
Mitt.	26.86	25.87	25.91	26.26	+3.54	11.58	19.23	14.11	15.02	+1.09	5.5	3.9	36.63

# im September 1888. Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag	Schneehöhe
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>		
10.8	11.2	11.4	11.1	93	80	100	91	10	10	10	10	NE <sup>1</sup>	NE <sup>5</sup>	SE <sup>2</sup>	28.1	↙
9.6	11.8	10.7	10.7	82	84	93	86	10	10	8	9	SW <sup>2</sup>	SE <sup>1</sup>	SW <sup>3</sup>	30.4	↘
8.7	8.9	10.0	9.2	78	54	87	78	9	8	0	6	NW <sup>1</sup>	NE <sup>1</sup>	SE <sup>1</sup>	15.6	·
8.6	10.1	10.8	9.1	93	60	92	82	0	3	0	1	NW <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	—
8.7	12.0	12.1	10.9	88	61	85	78	3	0	0	1	NW <sup>0</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	—
10.4	13.2	13.6	12.4	97	64	92	84	0	0	0	0	NE <sup>1</sup>	NE <sup>2</sup>	SE <sup>1</sup>	—	—
11.4	14.5	14.1	13.3	91	68	88	82	6	2	0	3	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	—
12.2	13.8	10.9	12.3	91	62	87	80	6	5	10	7	SW <sup>1</sup>	SW <sup>1</sup>	SW <sup>2</sup>	·	·
10.9	12.0	11.9	11.6	95	70	93	86	10	9	0	6	E <sup>1</sup>	NE <sup>3</sup>	NE <sup>1</sup>	28.6	·
11.6	14.1	13.8	13.2	96	79	93	89	10	4	0	5	NE <sup>1</sup>	NW <sup>1</sup>	NW <sup>0</sup>	1.8	·
12.3	15.1	14.1	13.8	93	76	91	87	6	8	2	5	NW <sup>1</sup>	NE <sup>1</sup>	SE <sup>1</sup>	—	—
12.4	14.9	13.5	13.6	94	83	85	87	7	10	10	9	NW <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	0.9	·
11.4	12.6	11.5	11.8	82	70	80	77	10	6	10	9	E <sup>1</sup>	SE <sup>3</sup>	NW <sup>1</sup>	—	—
9.7	9.5	10.7	10.7	81	54	90	75	7	5	0	4	NE	SE	NE	—	—
9.2	10.8	10.8	10.3	97	64	93	85	10	0	0	3	NE	SE	NE	—	—
9.1	9.1	11.9	10.0	95	34	89	73	10	5	10	8	NE <sup>1</sup>	NE <sup>2</sup>	SE <sup>1</sup>	—	—
11.0	12.7	11.8	11.8	92	76	92	87	9	9	10	9	NE <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>	0.5	·
9.6	3.9	9.2	9.6	94	59	77	77	6	2	8	5	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>2</sup>	—	—
7.1	7.0	7.7	7.3	88	48	81	72	2	0	0	1	NE <sup>1</sup>	NE <sup>4</sup>	NE <sup>1</sup>	—	—
6.8	8.6	8.8	8.1	96	59	80	73	2	9	6	6	NW <sup>1</sup>	NE <sup>2</sup>	SE <sup>1</sup>	—	—
9.1	11.0	7.9	9.3	89	72	94	85	8	10	0	6	W <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>	—	—
7.3	8.5	8.7	8.2	98	57	86	80	8	0	0	1	NE <sup>1</sup>	SE <sup>2</sup>	SE <sup>1</sup>	—	—
7.3	8.2	8.9	8.1	98	55	90	81	2	0	0	1	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	—
7.8	11.1	10.2	9.7	98	57	91	85	4	0	0	3	NW <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—	—
9.6	11.1	8.6	9.8	97	95	76	89	10	10	10	10	NW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	1.3	·
10.0	10.9	10.3	10.4	94	88	96	93	10	10	10	10	NW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	30.1	·
8.5	10.2	8.3	9.0	89	76	85	83	10	7	10	9	NE <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	1.8	·
7.3	8.2	7.6	7.7	94	59	89	81	1	0	0	0	E <sup>1</sup>	SE <sup>1</sup>	NW <sup>1</sup>	—	—
6.7	8.9	8.3	8.0	93	72	90	85	10	0	0	3	NE <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—	—
7.9	10.0	10.5	9.5	95	74	93	87	10	7	3	7	NE <sup>1</sup>	SE <sup>1</sup>	NW <sup>1</sup>	·	↙
9.43	10.99	10.62	10.35	92.0	87.0	88.6	82.6	6.6	5.0	3.6	5.2	1.0	1.6	1.2	139.1	·

### Grundwasserstand in Klagenfurt:

K. k. Militärspital	439.550	Meter.
Seeland	437.674	»
Friedhofbrunnen	436.369	»
Wörtherseespiegel	441.284	»
Höchster Pegelstand am 2. u. 3.	441.321	
Tiefster	» 25. u. 30.	441.229

Stationen	Seehöhe Meter	Luftdruck in Millimeter					Luftwärme Celsius °			
		Grösster	am	Kleinste.	am	Mittel	Grösste	am	Kleinste	am
Klagenfurt I.	448	732·6	13.	711·2	30.	726·3	24 0	8.	6·3	20.
dto. II.	504	—	—	—	—	—	26·2	8.	7·2	22.
Kappel a. d. Drau	441	—	—	—	—	—	24·2	7.	6·2	23.
Saager	486	—	—	—	—	—	22 4	7.	6 3	29.
St. Michael	495	—	—	—	—	—	21·8	6.	6 2	22.
Liescha	552	724·5	13.	702·9	30.	717·8	23 5	10.	4 6	23.
Eisenkappel	554	—	—	—	—	—	24·2	6.	2·8	29.
Obir	2047	606·1	12.	586·9	30.	600 0	16 0	16.	0·7	28.
Stelzing	1410	—	—	—	—	—	19·4	5.	3·0	29.
Knappenberg	1045	—	—	—	—	—	21·2	10.	2 0	29.
Hüttenberg	783	704·0	13.	682·3	30.	697·4	22·7	11.	3·0	29.
Guttaring	642	—	—	—	—	—	23·0	6.	2 0	29.
Eberstein	640	—	—	—	—	—	25·0	7.	4·0	29.
St. Veit	496	—	—	—	—	—	26 8	8.	3·0	29.
Lind b. Veld.	526	—	—	—	—	—	26·1	5.	7 2	29.
Pörtschach	464	—	—	—	—	—	22 8	8.	7·0	20. 29.
Radweg	692	—	—	—	—	—	23·0	7.	9 0	20.
Sirnitz	800	—	—	—	—	—	20·7	6.	6·6	29.
Reichenau	1059	—	—	—	—	—	20·9	5.	0·2	29.
Bad Villach	488	—	—	—	—	—	21·0	15.	6·0	5 24.
Bleiberg	927	692·8	13.	673·5	30.	686·7	20·3	5.	4·7	29.
Raibl	981	—	—	—	—	—	23·0	16.	6·0	23.
Tröpolach	593	—	—	—	—	—	—	—	—	—
Waidegg	640	—	—	—	—	—	23·6	7.	7 0	29.
Cornat	1067	682·4	13.	671 0	18.	675·9	21·3	6.	6 6	29.
Lienz	679	713·4	13.	692·3	30	706·6	23·8	5.	3·5	29.
Oberdrauburg	610	—	—	—	—	—	23 3	6.	5 0	29
Greifenburg	713	—	—	—	—	—	23·0	5.	4·0	29.
Möllbrücken	520	—	—	—	—	—	25·5	6.	7·5	3. 4.
Gmünd	728	—	—	—	—	—	23·5	5.	2·8	29.
Maltein	824	—	—	—	—	—	22·8	6.	3·1	29.
St. Peter i. K.	1217	—	—	—	—	—	20·8	6.	2 4	29
Glocknerhaus	2111	—	—	—	—	—	13 7	15.	1 1	21.
Sonnblick	3093	532·4	12.	514·5	30.	526·0	4 0	7.	—7·2	28.

Mittel	Dunst- druck		Fench- tigkeit %	Bewölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit				
	mm	mm				Summe	Grösster in 24h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitt.	Sturm
15.0	10.3	83	5.2	NE	139	30	1.	11	8	11	10	0	0	2	1	
15.0	—	—	5.5	NE	—	—	—	9	11	10	6	0	0	1	0	
14.8	—	—	6.4	SE	140	41	8.	7	7	16	9	0	0	1	0	
14.7	—	—	—	—	115	37	25.	—	—	—	9	0	0	0	0	
15.0	—	—	5.6	E	15	9	27.	10	8	12	3	0	0	1	0	
13.5	—	—	4.5	E	101	23	2.	14	9	7	7	0	0	0	0	
13.8	—	—	—	—	101	41	25	—	—	—	10	0	0	0	0	
7.2	6.3	82	5.5	SW	136	52	25.	10	6	14	6	0	0	2	3	
10.1	—	—	5.5	W	—	—	—	8	11	11	—	—	—	—	—	
11.7	—	—	4.2	S	123	32	2.	13	14	3	11	0	0	4	0	
13.4	+	—	4.0	N	113	37	9.	13	9	8	8	0	0	1	0	
13.0	—	—	6.4	SW	100	11	9.	13	7	10	10	0	0	0	0	
14.2	—	—	4.8	—	—	—	—	11	9	19	7	0	0	1	1	
14.7	12.3	92	6.1	W	138	37	9.	8	8	14	10	0	0	0	0	
14.6	—	—	5.8	NE	158	53	2.	5	11	14	8	0	0	3	0	
14.3	10.8	88	4.3	W	—	—	—	8	15	7	11	0	0	2	0	
14.1	—	—	5.8	NE	143	48	8.	9	6	15	11	0	0	2	0	
13.8	—	—	6.1	E	168	37	8.	5	7	18	12	0	0	1	0	
11.4	—	—	6.4	S	166	94	8.	9	2	19	10	0	0	4	0	
12.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12.1	9.7	89	4.9	E	152	67	8.	13	4	13	12	0	0	0	0	
12.4	—	—	4.4	E	205	91	8.	13	6	11	10	0	0	2	0	
—	—	—	—	—	198	69	8.	—	—	—	11	0	0	2	0	
14.6	—	—	5.4	SE	—	—	—	7	12	11	9	0	0	2	0	
13.9	10.2	84	4.8	N	228	72	9.	11	10	9	9	0	0	0	0	
13.8	9.8	83	6.2	NW	155	40	8.	4	11	15	13	0	0	4	0	
14.0	—	—	6.4	NW	184	72	8.	5	7	18	12	0	0	2	0	
14.1	—	—	6.3	E	171	50	8.	8	6	16	13	0	0	3	0	
14.1	—	—	7.0	NE	164	58	2.	2	7	21	11	0	0	0	0	
14.3	—	—	6.4	—	122	6	1.	6	6	18	9	0	0	1	0	
13.8	—	—	6.1	S	150	64	8.	8	7	15	8	0	0	0	0	
11.0	—	—	6.2	W	183	64	8.	6	8	16	11	0	0	0	0	
7.0	—	—	5.3	W	196	48	9.	11	7	12	13	0	0	3	0	
-0.2	—	88	6.4	SW	—	—	—	5	8	17	11	6	0	1	11	

# Magnetische Declinations-Beobachtungen zu Klagenfurt

October

von  
**F. Seeland.**

1888.

Tag	Declination zu Klagenfurt					an fremden Stationen			Stand des Grundwassers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	Kremsmünster 10° +	Wien 9° +	Ofen 8° +	
	9° + Min.				Min.	Minuten			
1.	53·4	57·6	50·0	53·7	7·6	24·43	13·0	5·8	437·566
2.	52·8	56·1	49·4	52·8	6·8	24·20	14·5	5·8	437·558
3.	52·1	56·9	50·7	53·2	6·2	23·69	15·0	6·1	437·556
4.	51·4	56·2	50·7	52·8	5·5	24·08	14·6	6·2	437·544
5.	49·4*	56·2	54·1	53·2	6·8	24·56	13·8	5·2	437·556
6.	53·4	56·9	54·1	54·8	3·5	24·37	13·7	5·9	437·574
7.	52·8	56·2	54·1	54·4	3·4	24·20	13·7	6·2	437·576
8.	54·1	60·3	54·8	56·4	6·2	24·99	14·2	6·4	437·746
9.	54·8	59·0	54·8	56·2	4·2	25·37	14·7	5·9	437·866
10.	54·1	59·6	53·4	55·7	6·2	25·55	15·0	6·2	437·976
11.	55·5	57·6	49·4*	54·2	8·2	25·33	13·6	4·4	438·076
12.	56·9	57·6	53·4	56·0	4·2	25·07	15·3	6·7	438·230
13.	52·8	57·6	50·7	53·7	6·9	24·99	14·7	6·9	438·346
14.	50·7	59·0	50·0	53·2	9·0	24·53	13·8	6·3	438·536
15.	50·7	58·3	53·4	54·1	7·6	24·65	14·0	5·8	438·573
16.	53·4	59·6	54·8	55·9	6·2	24·68	13·8	5·9	438·596
17.	54·8	59·6	56·2	56·9	4·8	24·84	13·3	5·7	438·603
18.	55·5	61·0	52·1	56·2	8·9	24·61	13·6	6·2	438·606
19.	52·8	61·6	54·1	56·2	8·8	24·53	11·6	5·7	438·604
20.	56·2	59·6	54·8	56·9	4·8	22·73	12·6	6·2	438·596
21.	57·6	61·0	55·5	58·0	5·5	25·39	13·8	6·5	438·579
22.	54·1	59·0	55·5	56·2	4·9	24·27	12·9	5·8	438·575
23.	56·2	59·0	54·8	56·7	4·2	23·73	11·3	6·0	438·563
24.	54·1	59·6	56·2	56·6	5·5	24·36	12·2	5·5	438·542
25.	56·2	59·0	55·4	56·9	3·6	24·02	12·2	5·2	438·526
26.	57·6	56·2	54·1	56·0	3·5	23·64	13·3	5·8	438·511
27.	56·2	59·6	54·1	56·6	5·5	24·56	12·9	5·4	438·506
28.	55·8	56·2	52·8	54·9	3·4	23·97	12·8	5·3	438·481
29.	52·1	56·9	52·8	53·9	4·8	23·78	12·9	5·3	438·466
30.	52·8	56·2	52·1	53·7	4·1	23·76	13·3	5·5	438·448
31.	51·4	56·0	52·1	53·2	4·6	24·99	11·8	6·1	438·431
Mittel	53·92	58·23	53·23	55·13	5·6	24·45	13·49	5·8	438·220

Die magnetische Declination in Klagenfurt war 9° 55'13", mit dem Maximum 9° 58'0" am 21. und dem Minimum 9° 52'8" am 2. und 4.

Die mittlere Tagesvariation war 5'6", mit dem Maximum 9'0" am 14. und dem Minimum 3'4" am 7. und 28.

Am 5. Morgens und am 11. Abends Störung.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>	
1.	15.2	16.7	16.7	16.2	- 6.3	8.6	12.8	9.1	10.2	- 2.0	7	7	5.2
2.	15.8	13.6	10.8	13.4	- 9.1	9.4	13.0	14.8	12.4	+ 0.4	6	4	5.2
3.	11.9	12.2	13.1	12.4	-10.1	14.6	20.9	15.8	17.1	+ 5.3	7	3	48.7
4.	18.7	17.9	16.5	17.7	- 4.7	11.6	14.7	12.4	12.9	+ 1.3	5	8	—
5.	14.2	14.3	19.8	16.1	- 6.3	12.5	8.7	8.6	9.9	- 1.4	10	10	—
6.	19.3	17.9	21.5	19.6	- 2.8	6.4	7.6	6.2	7.4	- 3.7	9	12	2.6
7.	21.0	19.5	18.9	19.8	- 2.6	5.0	7.9	6.7	6.5	- 4.3	11	6	—
8.	18.4	18.8	18.5	18.6	- 3.8	5.1	2.0	3.4	3.5	- 7.0	11	5	—
9.	15.4	16.0	18.1	16.5	- 5.9	4.2	8.7	6.3	6.4	- 3.7	10	4	9.8
10.	19.7	20.3	22.0	20.7	- 1.6	5.6	11.1	6.2	7.6	- 1.7	9	4	45.9
11.	25.1	25.5	26.4	26.7	+ 4.4	2.7	10.0	6.4	6.4	- 3.3	8	6	59.0
12.	27.4	26.0	25.4	26.3	+ 4.0	5.6	12.3	5.3	7.7	- 1.8	3	4	—
13.	23.8	19.2	17.3	20.1	+ 2.2	4.8	10.4	5.0	6.4	- 3.0	3	4	59.6
14.	15.8	16.7	20.6	17.7	- 4.6	4.8	3.6	6.0	6.5	- 2.8	2	4	—
15.	24.4	26.0	29.1	26.5	+ 4.2	2.1	10.7	5.1	6.0	- 3.3	3	4	45.4
16.	31.3	30.6	31.1	31.0	+ 8.7	- 1.0	9.4	3.2	3.9	- 5.3	5	4	87.0
17.	29.8	28.4	27.7	28.6	+ 6.4	4.1	9.7	7.4	7.1	- 2.1	4	4	—
18.	26.4	24.9	25.1	25.5	+ 3.3	6.3	10.2	7.8	8.1	- 1.0	5	5	5.6
19.	25.9	26.4	30.0	27.4	+ 5.2	2.0	6.4	- 0.3	2.8	- 6.3	4	9	48.1
20.	30.3	31.2	32.9	31.6	+ 9.4	- 2.8	6.0	0.4	1.2	- 8.7	7	6	42.9
21.	33.5	31.3	30.3	31.7	+ 9.5	- 4.8	4.6	- 1.0	- 0.4	- 9.1	5	4	91.4
22.	28.3	25.4	26.4	26.7	+ 4.5	- 3.0	8.8	1.4	2.4	- 6.1	4	5	73.1
23.	30.7	30.0	29.9	30.2	+ 8.0	- 2.6	6.8	1.2	1.8	- 6.4	4	4	59.1
24.	30.6	29.5	30.2	30.1	+ 7.9	- 0.6	8.2	2.2	3.3	- 4.6	4	4	62.1
25.	31.3	30.6	31.7	31.2	+ 9.0	- 0.6	9.6	2.4	3.8	- 3.7	5	4	64.1
26.	33.9	33.8	35.2	34.3	+12.1	- 0.7	9.2	3.2	3.9	- 3.2	5	5	58.8
27.	37.3	36.0	36.7	36.7	+14.5	- 0.2	10.5	7.4	5.9	- 0.8	4	5	65.7
28.	37.7	36.7	36.4	36.9	+14.8	0.4	11.9	5.8	6.0	- 0.4	6	4	88.1
29.	35.8	33.3	32.3	33.8	+11.6	- 0.2	12.3	5.2	5.8	- 0.2	3	4	72.2
30.	31.2	28.1	27.5	28.9	+ 6.7	0.6	12.7	7.0	6.8	+ 1.0	3	4	74.0
31.	27.9	26.0	25.4	26.4	+ 1.3	1.1	11.6	5.6	6.1	+ 0.6	2	4	65.7
Mitt.	25.43	24.61	25.27	25.11	+2.81	3.26	9.98	5.68	6.30	-2.81	5.6	5.2	39.97
													5.4

Am 16. erste Gefrier. Schneelinie 1200 m Seehöhe.

# im October 1888. Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag	Schneehöhe
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>		
7.9	7.7	6.6	7.4	95	70	76	80	10	10	0	7	N <sup>1</sup>	NE <sup>2</sup>	NE <sup>2</sup>	7.1	
8.1	9.2	10.7	9.3	91	83	86	87	4	10	8	7	NW <sup>0</sup>	NE <sup>1</sup>	SW <sup>1</sup>	.	↘
11.5	12.8	12.8	12.4	93	70	96	86	6	8	10	8	SW <sup>1</sup>	SW <sup>3</sup>	NE <sup>2</sup>	2.5	
9.1	10.7	10.2	10.0	89	86	95	90	9	10	10	10	NE <sup>1</sup>	NW <sup>1</sup>	SE <sup>1</sup>	7.9	
10.3	8.3	7.7	8.8	96	99	92	96	10	10	10	10	NE <sup>1</sup>	NE <sup>3</sup>	NE <sup>2</sup>	28.4	
6.8	8.0	6.5	7.1	94	89	91	91	6	10	3	6	N <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	44.9	
5.6	7.1	6.8	6.5	86	89	93	89	10	10	10	10	NW <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	14.2	.
5.9	4.7	5.2	5.3	90	89	90	90	10	10	10	10	W <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	34.8	*
5.8	6.8	6.6	6.4	93	81	93	89	10	10	10	10	NW <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	31.7	
6.3	6.2	6.1	6.4	93	69	87	83	7	10	0	6	SW <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	14.4	.
5.2	6.5	6.3	6.0	93	70	88	84	5	3	10	6	E <sup>1</sup>	E <sup>2</sup>	SW <sup>2</sup>	—	
6.1	8.1	5.9	6.7	89	77	89	85	7	8	0	5	W <sup>1</sup>	SW <sup>1</sup>	SE <sup>1</sup>	—	
5.9	6.0	5.8	5.9	92	64	89	82	10	0	0	3	NE <sup>1</sup>	SE <sup>1</sup>	NW <sup>1</sup>	—	
5.9	6.0	6.4	6.1	92	71	91	85	10	10	10	10	E <sup>1</sup>	SE <sup>1</sup>	SW <sup>1</sup>	1.6	.
4.7	5.7	4.2	4.9	87	60	64	70	5	3	0	3	N <sup>1</sup>	NE <sup>3</sup>	NE <sup>1</sup>	2.5	
3.9	4.9	5.0	4.6	90	56	87	78	0	0	0	0	NE <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	
3.5	6.2	6.6	5.4	90	69	86	82	10	10	10	10	SE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
6.5	6.9	6.6	6.7	91	74	83	83	10	4	10	8	NE <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	0.6	
4.1	2.7	2.4	3.1	77	37	54	56	8	3	0	4	E <sup>2</sup>	SE <sup>4</sup>	NE <sup>2</sup>	—	
3.2	2.0	3.0	2.7	85	28	64	59	2	3	0	2	E <sup>1</sup>	NE <sup>4</sup>	NW <sup>1</sup>	—	
2.6	3.0	3.4	3.0	81	47	80	69	0	2	0	1	W <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—	
3.3	4.5	4.3	4.0	89	53	85	76	0	2	0	1	NW <sup>1</sup>	NE <sup>1</sup>	SW <sup>1</sup>	—	
3.4	4.6	4.0	4.0	92	63	80	78	0	0	0	0	NW <sup>1</sup>	SE <sup>1</sup>	NW <sup>1</sup>	—	
4.1	5.6	4.6	4.8	92	69	85	82	0	0	0	0	NW <sup>1</sup>	SE <sup>1</sup>	NW <sup>1</sup>	—	
4.1	5.7	5.1	5.0	92	64	93	83	0	0	0	0	NW <sup>1</sup>	SE <sup>1</sup>	NW <sup>1</sup>	—	
4.1	5.5	5.0	4.9	94	63	87	81	10	0	0	3	NE <sup>1</sup>	SE <sup>1</sup>	NW <sup>1</sup>	—	
4.2	5.5	6.4	5.4	92	58	83	78	10	0	0	3	NE <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—	
4.2	6.1	6.1	5.5	89	59	88	79	3	0	0	1	NW <sup>1</sup>	NE <sup>1</sup>	SW <sup>2</sup>	—	
4.3	6.9	6.1	5.8	94	65	92	84	10	0	0	3	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
4.6	7.3	7.0	6.3	96	67	94	86	10	2	0	4	E <sup>1</sup>	NE <sup>1</sup>	SW <sup>1</sup>	—	
4.6	7.1	6.2	6.0	92	70	91	84	10	0	0	3	NE <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	—	
5.38	6.41	6.12	6.01	90.6	68.0	85.6	81.4	6.2	4.8	6.3	4.9	1.0	1.5	1.2	190.6	

### Grundwasserstand in Klagenfurt:

K. k. Militärspital	440.580 Meter.
Seeland .	438.220 >
Friedhofbrunnen .	436.831 >
Wörtherseespiegel	441.598 >
Höchster Pegelstand am 14. u. 15.	441.783
Tiefster > > 1.	441.229

Stationen	Seehöhe Meter	Luftdruck in Millimeter					Grösste
		Grösster	am	Kleinst.	am	Mittel	
Klagenfurt I.	448	737·7	28.	710·8	2.	725·1	20·9
dto. II.	504	—	—	—	—	—	22·3
Kappel a. d. Drau	441	—	—	—	—	—	23·5
Saager	486	—	—	—	—	—	23·9
St. Michael	495	—	—	—	—	—	22·2
Liescha	552	727·5	28.	702·2	2.	715·99	23·7
Bad Vellach	805	—	—	—	—	—	17·0
Obir	2047	606·8	28.	585·3	9.	595·5	9·8
Stelzing	1410	—	—	—	—	—	13·4
Knappenberg	1045	—	—	—	—	—	17·2
Hüttenberg	783	707·5	28.	684·2	3.	695·2	20·2
Guttaring	642	—	—	—	—	—	20·9
Eberstein	640	—	—	—	—	—	17·8
St. Veit	496	—	—	—	—	—	20·0
Lind b. Veld.	526	—	—	—	—	—	16·1
Pörschach	464	—	—	—	—	—	18·0
Radweg	692	—	—	—	—	—	21·0
Sirnitz	800	—	—	—	—	—	16·6
Reichenau	1059	—	—	—	—	—	16·6
Bad Villach	488	—	—	—	—	—	15·0
Bleiberg	927	696·0	28.	673·5	3.	684·3	13·9
Villach Stadt	488	731·9	28.	705·4	2.	719·3	16·8
Raibl	981	—	—	—	—	—	18·0
Tröpolach	593	—	—	—	—	—	—
Waidegg	640	—	—	—	—	—	16·0
Cornat	1067	684·4	28.	662·5	3.	673·3	15·4
Oberdrauburg	610	—	—	—	—	—	13·2
Lienz	679	717·3	28.	692·2	2	704·8	16·3
Greifenburg	713	—	—	—	—	—	14·8
Möllbrücken	520	—	—	—	—	—	15·3
Gmünd	728	—	—	—	—	—	20·7
Maltein	824	—	—	—	—	—	16·2
St. Peter i. K.	1217	—	—	—	—	—	13·6
Glocknerhaus	2111	—	—	—	—	—	—

Luftwärme Celsius °			Niederschlag							
am	Kleinste	am	Mittel	Dunst- druck mm.	Feuch- tigkei- t %	Bewölkung	Herr- schender Wind	Summe	Größter in 24h	am
3.	— 4.8	21.	6.0	6.0	81	4.9	NE	191	45	6.
3.	— 5.2	21.	6.6	—	—	6.1	NW	—	—	—
2.	— 4.8	21.	6.4	—	—	6.9	SE	237	56	4.
3.	— 4.0	21.	6.7	—	—	—	—	198	54	5.
4.	— 2.8	21.	7.1	—	—	5.8	E	237	44	5.
3.	— 4.1	21.	5.9	—	—	4.4	W	212	44	8.
1. 3.	— 6.0	30.	4.9	—	—	—	—	—	—	—
31.	— 12.2	20.	—0.3	4.2	90	5.3	SW	186	43	5.
31.	— 8.0	21.	3.4	—	—	5.6	W	—	—	—
3.	— 6.3	21.	4.1	5.3	85	4.2	N	107	37	6.
3.	— 6.0	21.	5.7	—	—	4.0	N	98	52	5.
3.	— 6.6	21.	5.1	—	—	4.1	N	111	32	5. 8.
2.	— 6.2	21.	4.7	—	—	4.1	NE	—	—	—
3.	— 5.4	21.	5.2	6.5	95	4.8	W	150	58	9.
16.	— 2.3	26.	5.8	—	—	4.4	NE	239	48	4.
3.	— 4.0	21.	5.7	6.1	88	4.0	W	—	—	—
3.	— 5.2	21.	6.1	—	—	4.7	W	179	39	4.
3.	— 4.8	21.	5.6	—	—	4.9	—	155	24	5.
30.	— 9.0	21.	3.7	—	—	4.9	S	164	40	5.
2.	— 4.0	21	4.6	—	—	—	—	—	—	—
3.	— 6.9	21.	2.5	5.4	91	3.7	—	233	41	5.
3.	— 5.1	21.	5.8	6.1	84	5.0	NE	223	50	5.
30.	— 6.2	21.	4.7	—	—	4.0	E	580	162	2.
—	—	—	—	—	—	—	E	499	177	3.
3.	— 5.0	21.	5.4	—	—	4.2	—	—	—	—
31.	— 5.4	20.	4.1	5.7	93	4.8	SE	288	68	8.
29.30.31.	— 5.0	21.	4.7	—	—	—	N	173	37	10.
3.	— 5.4	21.	4.8	5.3	79	4.2	NW	142	45	8.
3.	— 9.8	15.	4.6	—	—	4.7	NW	226	49	2.
3	— 5.4	20.	5.1	—	—	—	—	209	47	3. 5.
1.	— 3.0	27.	5.5	—	—	4.1	—	84	20	8.
3.	— 5.6	21.	5.6	—	—	4.6	—	245	58	3.
3.	— 7.6	21.	3.5	—	—	4.5	S	184	54	3.
—	—	—	—	—	—	—	N	—	—	—

# Magnetische Declinations-Beobachtungen zu Klagenfurt

November

von **F. Seeland.**

1888.

Tag	Declination zu Klagenfurt					an fremden Stationen			Stand des Grundwassers im Hause Nr. 459 m Seehöhe
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	Kremsmünster 10° +	Wien 9° +	Ofen 8° +	
	10° + Min.				Min.	Minuten			
1.	51.4	56.9	52.1	50.3	5.5	19.07	13.3	5.7	438.426
2.	51.4	54.8	52.8	53.0	3.4	19.46	12.5	5.4	438.406
3.	52.1	54.1	50.0	52.1	4.1	19.07	12.3	5.1	438.396
4.	51.4	56.2	52.1	53.2	4.8	19.54	12.8	6.2	438.371
5.	52.1	56.2	52.8	53.7	4.1	19.96	13.4	5.9	438.366
6.	52.8	56.2	43.8*	53.7	12.4	19.85	12.6	5.5	438.346
7.	51.4	54.1	47.3	50.9	6.8	20.44	12.8	5.8	438.331
8.	49.4	56.2	51.4	52.3	6.8	19.61	12.4	5.3	438.316
9.	48.7	54.1	49.4	50.7	5.4	19.49	12.3	4.9	438.301
10.	49.4	52.8	48.7	50.3	4.1	19.95	12.4	5.1	438.281
11.	49.4	52.4	49.4	52.4	3.0	20.49	13.3	6.8	438.266
12.	49.1	52.1	50.0	50.5	2.7	20.69	12.6	5.4	438.251
13.	50.7	51.4	49.4	50.5	2.0	20.45	12.5	5.1	438.240
14.	49.4	54.1	50.1	51.2	4.7	20.33	12.4	5.2	438.226
15.	50.7	52.1	51.4	51.4	1.4	20.23	12.6	5.7	438.206
16.	50.7	52.8	43.8	49.1	9.0	20.69	9.6	4.5	438.193
17.	56.2	52.8	48.4	52.6	7.8	21.45	13.0	5.9	438.186
18.	52.1	51.4	49.4	51.0	2.7	18.68	11.9	4.7	438.171
19.	50.0	52.8	49.4	50.7	3.4	20.27	10.9	4.1	438.161
20.	50.7	51.4	48.0	50.0	3.4	20.39	11.9	4.9	438.147
21.	50.0	52.1	49.4	50.5	2.7	20.81	12.0	5.3	438.136
22.	49.4	53.5	50.0	51.0	4.1	20.97	12.2	5.3	438.126
23.	50.0	52.1	50.7	50.9	2.1	19.92	12.1	5.1	438.104
24.	50.0	53.5	50.0	51.2	3.5	18.69	12.1	5.1	438.088
25.	49.4	52.1	50.0	50.5	2.7	19.81	10.8	4.2	438.076
26.	49.4	50.1	50.8	50.1	1.4	20.87	12.0	5.5	438.068
27.	50.0	50.7	46.7	49.1	4.0	21.93	12.0	5.4	438.043
28.	50.0	51.4	48.0	49.8	3.4	22.22	13.2	6.1	438.031
29.	49.4	50.0	48.0	49.1	2.0	22.09	12.7	5.0	438.016
30.	48.7	50.0	49.4	49.4	1.3	21.11	11.3	4.3	438.996
Mittel	50.5	53.0	49.4	51.0	4.2	20.28	12.26	5.3	438.289

Die Declination in Klagenfurt war 9° 51' westlich, mit dem Maximum 9° 53.7' am 5. und 6. und dem Minimum 9° 49.1' am 16., 27. und 29.

Die mittlere Tagesvariation betrug 4.2', mit dem Maximum 12.4' am 6. und dem Minimum 1.3' am 30.

Am 6. Abends war eine Störung.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein %
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwe- chung	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwe- chung	7 <sup>h</sup>	9 <sup>h</sup>	
1.	23.1	19.5	18.7	20.4	- 1.7	1.4	10.0	8.0	6.5	+ 1.3	3	4	42.4
2.	17.7	17.1	15.8	16.9	- 5.2	4.3	13.2	9.8	9.1	+ 4.3	5	4	31.6
3.	11.5	11.3	13.2	12.0	-10.1	8.6	11.3	7.4	9.1	+ 4.7	5	4	2.0
4.	14.8	16.4	19.3	16.8	- 5.3	6.3	11.4	7.4	8.4	+ 4.4	8	4	11.3
5.	20.9	21.3	23.0	21.7	- 0.4	4.5	6.5	2.5	4.5	+ 0.7	5	11	67.0
6.	23.2	23.2	23.0	23.1	+ 0.9	0.3	0.2	- 1.7	- 0.4	- 4.0	10	10	—
7.	20.5	20.0	21.1	20.5	- 1.7	- 3.7	- 1.5	- 2.7	- 2.6	- 5.9	11	11	—
8.	22.8	23.7	25.7	24.1	+ 1.9	- 3.7	- 0.6	- 1.0	- 1.8	- 4.9	9	10	—
9.	27.0	27.2	27.6	27.3	+ 5.1	- 2.5	- 0.9	- 2.0	- 1.8	- 4.6	11	12	—
10.	27.9	28.9	29.9	28.9	+ 6.7	- 3.3	- 1.7	—	- 2.8	- 5.2	8	7	21.3
								- 3.3					
11.	31.3	30.5	30.8	30.9	+ 8.7	- 8.7	- 1.8	- 5.3	- 7.3		8	4	89.3
12.	29.4	27.2	26.9	27.8	+ 5.6	- 7.3	- 1.3	- 4.0	- 4.4	- 6.1	8	4	12.9
13.	27.7	28.4	28.8	28.3	+ 6.0	- 3.7	- 1.4	- 3.5	- 2.9	- 4.4	9	8	—
14.	28.4	28.7	31.9	29.7	+ 7.4	- 3.8	0.2	- 1.4	- 1.7	- 3.1	9	8	18.5
15.	33.5	34.9	37.2	35.2	+12.9	- 2.2	0.5	- 1.2	- 1.0	- 2.3	10	8	21.7
16.	38.3	38.0	37.8	38.0	+15.7	- 1.5	0.8	- 0.2	- 0.3	- 1.5	7	4	—
17.	35.8	32.8	31.8	33.5	+11.2	- 0.9	0.2	- 0.9	- 0.5	- 1.4	7	4	—
18.	28.5	26.4	27.3	27.4	+ 5.0	- 1.7	0.8	0.3	- 0.2	- 0.8	8	4	—
19.	28.2	27.5	23.0	27.9	+ 5.5	- 0.4	1.8	0.6	0.7	+ 0.5	5	4	—
20.	26.6	22.9	21.4	23.6	+ 1.2	- 0.4	0.8	- 1.2	- 0.3	- 0.1	7	4	—
21.	23.5	24.3	25.8	24.5	+ 2.1	- 2.6	0.5	- 1.5	- 1.2	- 0.8	6	4	32.6
22.	25.6	29.1	31.6	28.8	+ 6.3	- 1.5	4.1	- 0.7	0.6	+ 0.8	4	4	—
23.	33.3	33.2	34.4	33.8	+11.3	- 4.2	3.3	- 2.5	- 1.1	- 0.9	6	4	76.1
24.	34.2	30.3	29.2	31.2	+ 8.7	- 6.0	2.9	- 0.8	- 1.3	- 1.3	5	4	72.7
25.	28.4	28.2	28.9	28.5	+ 6.0	- 3.7	- 0.4	- 3.3	- 2.5	- 2.7	6	4	—
26.	28.2	25.8	25.1	26.7	+ 4.1	- 6.0	- 0.3	- 2.6	- 3.0	- 3.4	6	4	24.1
27.	26.7	24.7	23.4	24.9	+ 2.3	- 5.8	1.0	- 2.2	- 2.3	- 2.7	4	4	51.7
28.	21.8	20.3	19.8	20.6	- 2.0	- 3.3	7.0	3.7	2.5	+ 2.2	7	4	58.6
29.	18.1	17.3	16.8	17.4	- 4.8	3.8	7.3	3.3	4.8	+ 4.7	7	4	7.0
30.	14.7	16.9	20.2	17.3	- 5.4	5.4	8.0	2.0	5.1	+ 5.3	5	4	48.0
Mitt.	25.74	25.20	25.81	25.58	+3.27	1.41	2.71	0.10	0.46	-1.13	7.0	5.6	22.96
											6.2		

Am 7. November erster Schnee.

im November 1888. Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag	Schneehöhe
7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>		
4.9	6.8	5.8	5.8	96	74	72	81	10≡	2	0	4	SE <sup>1</sup>	NE <sup>1</sup>	SW <sup>1</sup>	—	
5.3	6.6	7.1	6.3	85	59	79	74	5	8	10.	8	SW <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	—	
7.4	6.3	5.7	6.5	89	62	74	75	10	10	10.	10	NW <sup>0</sup>	NW <sup>3</sup>	NW <sup>3</sup>	6.7	
5.7	6.0	5.7	5.8	79	59	74	71	10	9	10	10	NW <sup>1</sup>	SE <sup>1</sup>	SW <sup>1</sup>	—	
5.3	4.8	3.9	4.7	84	67	70	74	4	1	10	5	NE <sup>1</sup>	NE <sup>4</sup>	NE <sup>4</sup>	—	
3.8	3.8	3.6	3.7	81	81	90	84	10	10	10	10	NE <sup>4</sup>	NE <sup>4</sup>	NE <sup>4</sup>	—	
3.4	3.8	3.3	3.5	98	92	89	93	10*	10*	10	10	E <sup>3</sup>	NE <sup>3</sup>	NE <sup>3</sup>	1.1 *	16
3.3	3.8	3.8	3.6	95	80	88	88	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	2.4	17
3.6	3.9	3.5	3.7	94	90	88	91	10	10	10	10	NE <sup>2</sup>	NE <sup>1</sup>	NE <sup>3</sup>	—	
3.3	3.6	3.2	3.4	91	90	89	90	10	5	10	8	E <sup>2</sup>	NE <sup>2</sup>	NE <sup>2</sup>	—	
2.0	3.4	2.7	2.7	88	86	88	87	0	0	0	0	NE <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	—	
2.5	3.7	3.2	3.1	98	92	91	94	10≡	10	0	7	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
2.9	3.9	3.3	3.4	87	94	93	91	7	10	10	9	NE <sup>2</sup>	NE <sup>2</sup>	NE <sup>2</sup>	—	
3.0	4.6	3.9	3.8	89	98	94	94	10	10	10	10	SE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.6	4.1	3.9	3.9	94	85	92	90	10≡	0	0	3	E <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—	
3.8	4.3	4.0	4.0	92	89	89	90	10≡	10	10	10	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
4.0	3.9	4.0	4.0	92	83	94	90	10≡	10	10≡	10	SW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.8	4.3	4.2	4.1	94	89	90	91	10≡	10≡	10≡	10	NE <sup>1</sup>	NE <sup>1</sup>	NW <sup>2</sup>	—	
4.1	4.9	4.4	4.5	92	93	92	92	10≡	10≡	10≡	10	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
4.3	4.3	3.9	4.2	96	89	92	92	10≡	10≡	10≡	10	NE <sup>0</sup>	NW <sup>1</sup>	NE <sup>1</sup>	—	
3.8	4.5	3.7	4.0	96	94	90	93	10≡	10≡	0	7	SE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.5	3.8	3.1	3.5	86	61	71	73	7*	3	0	3	SW <sup>2</sup>	NE <sup>1</sup>	NW <sup>1</sup>	0.3*	
3.0	4.0	3.1	3.4	91	70	81	81	1	0	10	0	E <sup>1</sup>	SE <sup>1</sup>	NW <sup>1</sup>	—	
2.3	4.0	3.7	3.3	79	71	85	78	0	2	0	1	SE <sup>1</sup>	E <sup>1</sup>	SE <sup>1</sup>	—	
3.2	3.9	3.1	3.4	93	87	87	89	2	10	0	4	NW <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	
2.4	4.1	3.3	3.3	82	90	87	86	0≡	0	0	0	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
2.5	4.5	3.4	3.5	85	90	85	87	0≡	0	0	0	NE <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	—	
3.2	4.7	5.4	4.4	89	63	90	81	10≡	2	0	4	N <sup>1</sup>	SW <sup>3</sup>	SW <sup>2</sup>	—	
4.6	5.9	5.3	5.3	77	78	92	82	7	8	4	6	SW <sup>1</sup>	SE <sup>1</sup>	SW <sup>1</sup>	—	
5.6	6.3	4.4	5.4	83	79	84	82	9	2	0	4	SW <sup>1</sup>	SE <sup>1</sup>	NE <sup>3</sup>	0.2	
3.80	4.55	4.05	4.14	89.2	81.2	86.0	85.5	7.4	6.4	5.5	6.3	1.2	1.5	1.6	10.7	33

Grundwasserstand in Klagenfurt:

K. k. Militärspital	440.290 Meter.
Seeland . . . . .	438.289 >
Friedhofbrunnen .	— >
Wörtherseespiegel	441.349 >
Höchster Pegelstand am 4.	441.506
Tiefster > > 80.	441.242

Stationen	Seehöhe Meter	Luftdruck in Millimeter				Luftwärme Celsius °					
		Grösster	am	Kleinst.	am	Mittel	Grösste	am	Kleinste	am	
Klagenfurt I.	448	738.3	16.	711.3	3	725.6	13.2	2.	—	8.7	11.
dto. II.	504	—	—	—	—	—	12.8	2.	—	9.4	11.
Kappel a. d. Drau	441	—	—	—	—	—	13.0	2.	—	8.2	12.
Saager	486	—	—	—	—	—	13.5	2.	—	9.1	12.
St. Michael	495	—	—	—	—	—	15.2	3.	—	9.4	11.
Unterdranburg	343	—	—	—	—	—	17.0	2.	—	10.6	12.
Liescha	552	723.0	16.	703.2	3.	716.0	13.1	3.	—	10.6	11.
Bad Vellach	805	—	—	—	—	—	8.0	29.	—	10.0	9.
Eisenkappel	554	—	—	—	—	—	12.4	1. 2.	—	11.2	11.
Obir	2047	603.8	16.	583.9	3.	593.8	7.0	1.	—	15.0	11.
St. Andrä	432	—	—	—	—	—	13.4	4.	—	11.0	11.
Stelzing	1410	—	—	—	—	—	11.4	1. 2.	—	11.8	10.
Knappenberg	1045	—	—	—	—	—	10.3	2.	—	13.3	11.
Hüttenberg	783	706.8	16.	682.1	3.	694.7	12.0	2.	—	11.2	11.
Guttaring	642	—	—	—	—	—	13.5	2.	—	11.6	12.
Eberstein	640	—	—	—	—	—	13.8	2.	—	12.2	11.
St. Veit	496	—	—	—	—	—	14.2	2.	—	10.2	12.
Lind b. Veld.	526	—	—	—	—	—	14.1	2.	—	10.0	11.
Pörtschach	464	—	—	—	—	—	12.6	1.	—	9.0	11.
Radweg	692	—	—	—	—	—	13.6	2.	—	9.8	11.
Sirnitz	800	—	—	—	—	—	11.0	1.	—	9.7	11.
Reichenau	1059	—	—	—	—	—	12.4	1.	—	13.3	11.
Bad Villach	488	—	—	—	—	—	12.0	1. 2. 3.	—	8.4	11. 12.
Bleiberg	927	695.6	16.	671.9	3.	—	9.9	4.	—	13.5	11.
Villach Stadt	500	732.3	16.	706.0	3.	719.5	13.0	1.	—	8.4	11.
Raibl	981	—	—	—	—	—	13.0	26.	—	10.4	11.
Waidegg	640	—	—	—	—	—	11.2	1.	—	7.8	12.
Cornat	1067	—	—	—	—	—	12.2	1	—	10.4	9. 11.
Lienz	679	716.3	16.	691.3	3.	704.5	12.2	4.	—	8.3	12.
Oberdranburg	610	—	—	—	—	—	13.2	1.	—	7.3	12.
Greifenburg	713	—	—	—	—	—	12.8	4.	—	9.8	12.
Möllbrücken	520	—	—	—	—	—	10.6	4.	—	8.7	12
Gmünd	728	—	—	—	—	—	11.5	1.	—	8.5	12.
Maltein	824	—	—	—	—	—	16.1	1.	—	8.9	11.
Heiligenblut	1301	—	—	—	—	—	9.4	25.	—	8.2	13.
St. Peter i. K.	1217	—	—	—	—	—	9.5	1.	—	13.3	11.
Sonnblick	3093	529.0	16.	509.4	3	518.9	—0.8	1.	—	18.0	22.

Mittel	Dunst- druck mm.	Feuch- tigkeit %	Bewölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit				
					Summe	Grösster in 24h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitt.	Sturm
0.5	4.1	85	6.3	NE	11	7	3.	7	6	17	5	2	0	0	0
0.5	—	—	7.1	NE	—	—	—	3	8	19	4	2	0	1	0
0.7	—	—	7.3	SE	33	24	2.	2	7	21	4	2	0	0	0
0.7	—	—	—	—	10	5	2.	—	—	—	5	3	0	0	0
0.9	—	—	7.2	SW	—	—	—	4	4	22	3	1	0	0	0
0.6	—	—	5.1	W	2	2	8.	11	5	14	1	1	0	0	0
0.1	—	—	5.2	W	7	4	8.	11	7	12	3	2	0	0	0
0.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0.2	—	—	—	—	24	10	30.	—	—	—	5	3	0	0	0
-2.1	3.3	82	4.0	SW	24	11	2.	17	5	8	5	5	0	0	6
-0.5	—	—	5.8	—	5	3	6.	9	9	12	4	2	0	0	0
-0.7	—	—	5.1	W	—	—	—	12	7	11	—	—	—	—	—
-0.6	3.7	85	4.2	S	19	4	7.	13	10	7	5	2	0	1	0
0.4	—	—	3.3	N	6	4	7.	20	5	5	2	1	0	0	0
-0.9	—	—	3.9	N	7	4	5.	12	4	14	2	0	0	0	0
-0.4	—	—	5.0	—	—	—	—	10	8	12	3	2	0	0	0
-0.6	4.1	92	7.3	W	14	4	30.	4	9	17	5	2	0	0	0
0.6	—	—	6.4	NE	42	21	2.	7	2	21	9	1	0	0	0
0.5	4.6	95	5.1	W	—	—	—	8	10	12	4	1	0	0	0
0.0	—	—	5.7	NE	18	9	2.	9	4	17	4	2	0	0	0
0.5	—	—	4.9	S	19	7	3.	13	4	13	6	3	0	0	0
-1.1	—	—	5.0	S	12	6	3.	13	5	12	6	2	0	0	0
1.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-1.7	3.7	87	4.6	E	51	24	2.	16	3	11	3	1	0	0	0
1.1	4.4	87	6.4	E	22	13	2.	7	7	16	7	3	0	0	2
0.7	—	—	5.2	N	151	69	29.	13	6	11	8	4	0	1	0
0.7	—	—	5.7	SE	—	—	—	10	6	14	7	5	0	0	0
1.8	—	—	4.1	N	81	48	3.	16	8	6	5	3	0	0	0
0.7	3.8	78	5.5	NW	48	23	2.	11	7	12	6	3	0	0	0
0.4	—	—	5.2	NW	38	20	3.	10	7	13	5	1	0	0	0
1.0	—	—	6.7	E	40	20	3.	3	9	18	6	3	0	0	0
-0.1	—	—	6.0	—	—	—	—	7	7	16	—	—	—	—	—
1.2	—	—	5.5	NE	—	—	—	7	6	17	5	2	0	0	0
0.8	—	—	5.9	NW	18	8	2.	9	8	13	4	2	0	0	0
-0.4	3.8	84	4.1	—	3	2	4.	14	4	12	2	2	0	0	0
-1.1	—	—	5.3	W	22	6	3.	10	8	12	7	4	0	0	0
-7.5	—	67	5.4	N	—	—	—	10	8	12	10	0	0	0	3

# Die Baro- & Thermographen.

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Monat Jahreszeit Jahr	h	h	h	h	h	Mitter- nacht	Mittel	Maximum	Minimum
	1 a	8 p	9 p	10 p	11 p		C°	C°	C°
December	20:16	20:21	20:31	20:32	20:34	20:31	20:13	22:73	17:86
Jänner	27:64	26:95	27:08	27:13	27:14	27:16	27:23	29:37	25:38
Februar	18:19	18:09	18:28	18:30	18:45	18:48	18:08	20:11	16:25
März	15:89	15:54	15:69	15:72	15:75	15:78	15:67	17:58	13:81
April	18:71	18:25	18:45	18:56	18:66	18:90	18:51	20:39	16:80
Mai	24:54	23:69	24:06	24:26	24:43	24:57	24:23	25:82	22:66
Juni	22:54	21:36	21:75	21:29	22:11	22:22	21:88	23:52	20:12
Juli	21:15	20:47	20:88	21:06	21:17	21:42	20:85	22:67	18:83
August	24:38	23:58	24:02	24:13	24:26	24:41	23:97	25:90	21:95
September	26:77	25:60	25:78	26:01	26:12	26:23	26:27	27:91	24:69
October	25:15	25:12	25:27	25:37	25:46	25:54	25:11	25:93	23:37
November	25:85	25:68	25:81	25:85	25:87	25:86	25:62	27:63	23:93
Winter	21:90	21:75	21:89	21:92	21:98	21:98	21:81	24:07	19:83
Frühling	19:71	19:16	19:40	19:51	19:61	19:75	19:47	21:26	17:76
Sommer	22:79	21:70	22:22	22:16	22:51	22:68	22:23	24:03	20:30
Herbst	25:99	25:47	25:62	25:74	25:82	25:88	25:67	27:16	24:00
<b>Jahr</b>	<b>22:50</b>	<b>22:02</b>	<b>22:14</b>	<b>22:33</b>	<b>22:48</b>	<b>22:57</b>	<b>22:29</b>	<b>24:13</b>	<b>20:47</b>

Monat Jahreszeit Jahr	h	h	h	h	h	Mitter- nacht	Mittel	Maximum	Minimum
	1 a	8 p	9 p	10 p	11 p		C°	C°	C°
December	-4:82	-4:26	-4:31	-4:54	-4:80	-5:12	-4:13	-1:93	-6:56
Jänner	-9:99	-7:37	-8:02	-8:58	-9:01	-9:73	-8:32	-3:92	-12:88
Februar	-4:99	-2:90	-3:63	-4:05	-4:46	-4:72	-3:26	1:16	-7:42
März	-0:168	2:59	1:84	1:44	1:10	0:74	1:95	6:82	2:97
April	5:210	9:22	8:31	7:48	6:74	5:97	8:30	13:38	2:83
Mai	9:999	15:21	13:87	12:74	11:62	10:52	14:10	20:48	7:75
Juni	13:661	18:99	17:39	16:25	15:15	14:04	17:75	27:70	13:33
Juli	12:568	17:36	16:36	15:34	14:26	13:23	16:71	22:72	10:79
August	13:190	18:26	16:98	15:84	14:68	13:54	17:28	23:86	10:77
September	11:168	15:22	14:11	13:18	12:23	11:37	14:32	19:57	9:65
October	4:218	6:42	5:70	5:34	4:91	4:45	6:08	10:77	2:10
November	-0:821	0:67	0:10	-0:18	-0:63	-0:73	0:30	3:27	-2:39
Winter	-6:527	-4:84	-5:32	-5:72	-6:09	-6:52	-5:24	-1:56	-8:95
Frühling	5:026	9:01	8:01	7:22	6:49	5:74	8:12	13:56	4:52
Sommer	13:090	18:20	16:91	15:81	14:70	13:60	17:28	23:86	10:77
Herbst	4:826	7:44	6:64	6:11	5:50	5:03	6:90	11:20	3:12
<b>Jahr</b>	<b>4:064</b>	<b>6:45</b>	<b>6:56</b>	<b>5:85</b>	<b>5:15</b>	<b>4:46</b>	<b>6:76</b>	<b>15:69</b>	<b>2:36</b>

# Stundenbeobachtungen 1888 in Klagenfurt mit dem Baro- & Thermographen.

## A. Luftdruck in Millimetern 700 +

**Angaben des Instrumentes für die Beobachtungstunden.**

h 1 a	h 2 a	h 3 a	h 4 a	h 5 a	h 6 a	h 7 a	h 8 a	h 9 a	h 10 a	h 11 a	Mittag	h 1 p	h 2 p	h 3 p	h 4 p	h 5 p	h 6 p	h 7 p	h 8 p	h 9 p	h 10 p	h 11 p	Mitter- nacht	Mittel C°	Maximum C°	Minimum C°	
20-18	20-16	20-17	20-16	20-18	20-21	20-22	20-32	20-39	20-41	20-29	20-06	19-84	19-68	19-68	19-72	19-82	19-93	20-06	20-21	20-31	20-32	20-34	20-31	20-13	22-73	17-86	
27-61	27-65	27-67	27-69	27-68	27-70	27-75	27-73	27-70	27-60	27-42	27-16	26-91	26-67	26-52	26-51	26-57	26-69	26-84	26-95	27-08	27-13	27-14	27-16	27-23	29-37	25-38	
18-11	18-07	18-05	18-05	18-06	18-15	18-22	18-29	18-34	18-36	18-29	18-12	17-96	17-81	17-64	17-59	17-62	17-73	17-89	18-09	18-28	18-30	18-45	18-48	18-08	20-11	16-25	
15-84	15-85	15-83	15-85	15-85	15-86	15-85	15-88	15-88	15-88	15-81	15-77	15-72	15-66	15-49	15-37	15-27	15-25	15-29	15-39	15-54	15-69	15-72	15-75	15-78	15-07	17-58	13-81
18-79	18-87	18-88	18-92	18-92	18-98	19-01	19-93	18-88	18-75	18-55	18-32	18-14	18-03	17-92	17-85	17-78	17-83	18-01	18-25	18-45	18-56	18-66	18-90	18-51	20-39	16-80	
24-53	24-57	24-63	24-72	24-60	25-02	25-14	25-10	24-90	24-69	24-44	24-15	23-90	23-65	23-43	23-24	23-11	23-13	23-34	23-69	24-06	24-26	24-43	24-57	24-23	25-82	22-66	
22-58	22-59	22-59	22-59	22-66	22-70	22-70	22-62	22-47	22-26	22-00	21-74	21-48	21-18	20-91	20-64	20-51	20-62	20-94	21-36	21-75	21-29	22-11	22-22	21-88	23-52	20-12	
21-15	21-17	21-18	21-25	21-34	21-39	21-44	21-42	21-35	21-19	21-00	20-77	20-48	20-27	20-11	19-99	19-94	19-99	20-15	20-47	20-88	21-06	21-17	21-42	20-85	22-67	18-83	
24-36	24-38	24-40	24-74	24-77	24-81	24-84	24-82	24-42	24-43	23-97	23-72	23-49	23-31	23-09	22-94	22-79	22-84	23-08	23-58	24-02	24-13	24-26	24-41	23-97	25-90	21-95	
26-77	26-80	26-78	26-81	26-83	26-84	26-86	26-83	26-86	26-75	26-66	26-55	26-19	25-87	25-66	25-49	25-35	25-30	25-37	25-60	25-78	26-01	26-12	26-23	26-27	27-91	24-69	
25-18	25-18	25-25	25-29	25-30	25-34	25-42	25-39	25-32	25-20	25-06	24-86	24-75	24-63	24-59	24-59	24-68	24-83	24-95	25-12	25-27	25-37	25-46	25-54	25-11	25-93	23-37	
25-89	25-80	25-73	25-70	25-66	25-67	25-74	25-80	25-81	25-76	25-64	25-50	25-35	25-20	25-18	25-21	25-29	25-42	25-55	25-68	25-81	25-85	25-87	25-86	25-62	27-63	23-93	
21-97	21-96	21-96	21-97	21-97	22-02	22-06	22-11	22-14	22-12	22-00	21-78	21-57	21-39	21-28	21-27	21-34	21-45	21-60	21-75	21-89	21-92	21-98	21-98	21-81	24-07	19-83	
19-72	19-76	19-78	19-83	19-79	19-95	20-00	20-30	19-89	19-75	19-59	19-40	19-23	19-06	18-91	18-79	18-71	18-75	18-91	19-16	19-40	19-51	19-61	19-75	19-47	21-26	17-76	
22-70	22-71	22-72	22-86	22-92	22-97	22-99	22-95	22-75	22-63	22-32	22-08	21-82	21-59	21-37	21-19	21-08	21-15	21-39	21-70	22-22	22-16	22-51	22-68	22-23	24-03	20-30	
25-95	25-93	25-92	25-93	25-93	25-95	26-01	26-01	26-00	25-90	25-79	25-64	25-43	25-23	25-14	25-10	25-11	25-18	25-29	25-47	25-62	25-74	25-82	25-88	25-67	27-16	24-00	
<b>22-58</b>	<b>22-59</b>	<b>22-59</b>	<b>22-65</b>	<b>22-65</b>	<b>22-72</b>	<b>22-76</b>	<b>22-84</b>	<b>22-69</b>	<b>22-60</b>	<b>22-42</b>	<b>22-22</b>	<b>22-01</b>	<b>21-82</b>	<b>21-67</b>	<b>21-59</b>	<b>21-56</b>	<b>21-63</b>	<b>21-80</b>	<b>22-02</b>	<b>22-14</b>	<b>22-33</b>	<b>22-48</b>	<b>22-57</b>	<b>22-29</b>	<b>24-13</b>	<b>20-47</b>	

## B. Luftwärme in Celsiusgraden.

h 1 a	h 2 a	h 3 a	h 4 a	h 5 a	h 6 a	h 7 a	h 8 a	h 9 a	h 10 a	h 11 a	Mittag	h 1 p	h 2 p	h 3 p	h 4 p	h 5 p	h 6 p	h 7 p	h 8 p	h 9 p	h 10 p	h 11 p	Mitter- nacht	Mittel C°	Maximum C°	Minimum C°
-4-81	-4-84	-4-93	-4-94	-5-08	-5-18	-5-06	-4-97	-4-66	-4-02	-3-51	-2-92	-2-49	-2-32	-2-45	-2-89	-3-24	-3-78	-4-02	-4-26	-4-31	-4-54	-4-80	-5-12	-4-13	-1-93	-6-56
-9-98	-10-35	-10-55	-10-83	11-06	-11-25	-11-32	-11-08	10-28	-9-22	-8-17	-6-78	-5-48	-4-48	-4-18	-4-48	-5-25	-6-02	-6-69	-7-37	-8-02	-8-58	-9-01	-9-73	-8-32	-3-92	-12-88
-4-96	-5-13	-5-28	-5-49	-5-65	-5-78	-5-89	-5-56	-4-77	-3-60	-2-59	-1-32	-0-23	0-53	0-50	0-32	0-43	-1-27	-2-09	-2-90	-3-63	-4-05	-4-46	-4-72	-3-26	1-16	-7-48
-0-10	-0-41	-0-69	-1-09	-1-43	-1-68	-1-71	-0-62	0-53	1-78	3-05	4-74	5-40	6-27	6-36	6-07	5-25	4-32	3-38	2-59	1-84	1-44	1-10	0-74	1-95	6-82	2-97
5-27	4-90	4-42	4-02	3-54	3-84	5-10	6-30	7-65	8-93	10-39	11-90	12-51	13-12	13-03	12-89	12-11	11-32	10-30	9-22	8-31	7-48	6-74	5-97	8-30	13-38	2-83
9-92	9-29	8-66	8-37	8-53	10-33	11-13	12-30	13-82	15-29	16-79	18-10	18-97	19-45	19-49	19-35	18-75	18-93	17-09	15-21	13-87	12-74	11-62	10-52	14-10	20-48	7-75
13-60	13-15	12-61	12-18	12-70	14-60	15-94	16-06	17-23	18-60	20-05	21-37	22-22	22-91	22-87	22-83	22-45	22-20	20-81	18-99	17-39	16-25	15-15	14-04	17-75	27-70	13-33
12-50	12-06	11-67	11-48	12-35	13-65	14-92	15-01	17-22	18-42	19-44	20-34	21-24	21-61	20-90	20-73	20-77	20-38	18-88	17-36	16-36	15-34	14-26	13-23	16-71	22-72	10-79
13-12	12-62	12-11	11-50	11-19	12-45	14-54	15-79	17-51	18-61	19-85	21-19	22-12	23-00	23-27	23-11	22-30	21-42	20-00	18-26	16-98	15-84	14-68	13-54	17-28	23-86	10-77
11-16	10-88	10-58	10-35	10-18	10-68	11-58	12-61	13-66	14-81	15-99	17-14	18-10	19-00	19-24	19-19	18-62	17-58	16-38	15-22	14-11	13-18	12-23	11-37	14-32	19-57	9-65
4-27	3-89	3-56	3-39	3-27	3-08	3-25	4-05	5-15	6-33	7-46	8-52	9-27	9-92	9-94	9-58	9-87	8-00	7-18	6-42	5-70	5-34	4-91	4-45	6-08	10-77	2-10
-0-81	-0-99	-1-19	-1-39	-1-56	-1-58	-1-53	-1-25	-0-60	0-12	0-93	1-70	2-23	2-72	2-91	2-80	2-29	1-77	1-21	0-67	0-10	-0-18	-0-63	-0-73	0-30	3-27	-2-39
-6-58	-6-77	-6-92	-7-09	-7-26	-7-40	-7-42	-7-20	-6-57	-5-61	-4-76	-3-67	-2-73	-2-09	-2-04	-2-35	-2-97	-3-69	-4-27	-4-84	-5-32	-5-72	-6-09	-6-52	-5-24	-1-56	-8-95
5-03	4-59	4-13	3-77	3-55	4-16	4-84	5-99	7-33	8-67	10-08	11-58	12-29	12-95	12-96	12-77	12-04	11-52	10-26	9-01	8-01	7-22	6-49	5-74	8-12	13-56	4-52
13-07	12-61	12-13	11-72	12-08	13-57	15-13	15-62	17-32	18-54	19-78	20-79	21-86	22-51	22-35	22-22	21-84	21-33	19-90	18-20	16-91	15-81	14-70	13-60	17-28	23-86	10-77
4-87	4-59	4-32	4-12	3-96	4-06	4-43	5-14	6-07	7-09	8-13	9-12	9-87	10-55	10-70	10-52	10-26	9-12	8-26	7-44	6-64	6-11	5-50	5-03	6-90	11-20	3-12
<b>4-09</b>	<b>3-75</b>	<b>3-41</b>	<b>3-13</b>	<b>3-08</b>	<b>3-60</b>	<b>4-30</b>	<b>4-89</b>	<b>6-04</b>	<b>7-17</b>	<b>8-31</b>	<b>9-50</b>	<b>10-32</b>	<b>10-98</b>	<b>10-99</b>	<b>10-79</b>	<b>10-29</b>	<b>9-57</b>	<b>8-54</b>	<b>6-45</b>	<b>6-56</b>	<b>5-85</b>	<b>5-15</b>	<b>4-46</b>	<b>6-76</b>	<b>15-69</b>	<b>2-36</b>



# Klagenfurt

früh	Darunter mit						Ozon 7h 9h Meter	Grund- wasser Meter	Magnetische		Sonnenschein			Schnee- höhe mm
	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm	Declination			Stunden	%	Inten- sität			
												0	'	
20	16	11	0	0	0	7.3.5.6	437.780	10	0.0	29.1	11.2	2.4	488	
12	3	3	0	0	0	6.5.5.8	437.707	9	58.5	95.5	35.1	2.6	112	
13	13	9	0	0	0	8.9.7.9	437.428	9	55.3	74.1	25.8	2.4	316	
8	15	6	0	0	2	7.4.6.0	437.483	9	56.5	147.7	40.4	2.3	257	
8	9	2	0	0	0	6.5.6.4	438.509	9	55.7	164.5	40.0	2.4	0	
10	11	0	0	5	3	6.4.5.0	438.182	9	54.5	258.3	54.9	2.4	0	
11	15	0	0	8	0	6.3.5.0	437.906	9	55.1	233.3	48.6	2.3	0	
14	16	0	0	8	1	6.3.4.9	438.009	9	54.0	217.3	45.3	2.4	0	
7	8	0	0	4	1	5.5.4.0	437.922	9	55.3	279.3	63.2	2.6	0	
11	10	0	0	2	1	5.5.3.9	437.674	9	53.2	136.6	36.6	2.6	0	
11	12	1	0	0	0	5.6.5.2	438.220	9	55.1	130.0	40.0	2.6	0	
17	4	2	0	0	0	7.0.5.6	438.289	9	51.0	62.8	23.0	2.3	33	
45	32	23	0	0	0	7.5.6.4	437.638	9	57.9	198.7	24.0	2.5	916	
26	35	8	0	5	5	6.8.5.8	438.058	9	55.6	570.5	45.1	2.4	257	
32	29	0	0	20	2	6.0.4.6	437.943	9	54.8	729.9	52.4	2.4	0	
39	26	3	0	2	1	6.0.4.9	438.061	9	53.1	329.4	33.2	2.5	33	
142	122	34	0	27	8	6.0	437.925	9	55.3	1828.5	38.7	2.4	1206	
39%	33%					-15			-7.6					

eins.

Jahr 1888.

	h		h		Vor- mittag	Nach- mittag	Summe	Tages- mittel	Tages- länge	Sonnenschein	
	5-6	6-7	7-8	8-9						Stunden	%
1					33	5.8	29.1	9.1	8.4	11.2	2.4
3	.01				1.31	1.76	95.5	3.07	8.8	35.1	2.6
8	.07				1.14	1.41	74.1	2.55	10.2	25.8	2.4
8	.18	.02			2.01	2.75	147.7	4.76	11.9	40.8	2.3
6	.53	.40			2.77	2.68	164.5	5.45	13.6	40.0	2.4
8	.42	.35	.06		4.36	3.98	258.3	8.34	15.2	54.9	2.4
5	.39	.39	.11		4.13	3.66	233.3	7.79	15.9	48.6	2.3
5	.52	.29	.01		3.54	3.39	2.73	6.93	15.6	45.3	2.4
0	.13	.01			4.89	4.12	279.3	9.01	14.2	63.2	2.6
4					1.91	2.66	136.6	4.57	12.5	36.6	2.6
1					1.69	2.52	130.0	4.19	10.8	40.0	2.6
					0.88	1.21	62.8	2.09	9.2	23.0	2.3
5	.00				.92	1.25	198.7	2.17	9.1	24.0	2.5
4	.26	.14	.02		3.05	3.14	570.5	6.19	13.6	45.1	2.4
3	.44	.34	.04		4.19	3.73	729.9	7.92	15.2	52.4	2.4
2	.04	.00			1.49	2.13	329.4	3.62	10.8	33.2	2.5
1	.19	.12	.01		2.41	2.56	1828.5	4.97	12.2	38.7	2.4

# ZOBODAT - [www.zobodat.at](http://www.zobodat.at)

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Jahrbuch des Naturhistorischen Landesmuseums von Kärnten](#)

Jahr/Year: 1888

Band/Volume: [20](#)

Autor(en)/Author(s): Seeland Ferdinand

Artikel/Article: [Tabellen 1888. Magnetische und meteorologische Beobachtungen zu Klagenfurt I-LI](#)