

# Meteorologische Tabellen

1897.

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**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  
**Baro-, Thermo- und Heliographen**  
und das  
**Witterungsjahr 1897** zu Klagenfurt  
von  
**Ferd. Seeland.**



# Magnetische Declinations-Beobachtungen zu Klagenfurt

Monat December 1896 **F. Seeland.**

Tag	Declination zu Klagenfurt					an fremden Stationen		Grundwasser	
	7 <sup>h</sup>	2 <sup>h</sup>	9 <sup>h</sup>	Tages-Mittel	Tages-Variation	Kremsmünster 9° +	Wien 8° +	Neues Krankenhaus	Seelandbrunnen
	9° + Min				Min.	Minuten		Meter Seehöhe*)	
1.	24·7	27·3	23·4	25·1	3·9	19·34	28·80	438·130	437·135
2.	25·3	26·7	24·0	25·3	2·7	17·75	32·73	438·100	437·174
3.	24·7	26·7	23·4	24·9	3·3	17·32	28·40	438·090	437·165
4.	25·4	28·0	24·0	25·8	4·0	18·86	27·43	438·080	437·162
5.	24·7	26·7	22·0	24·5	4·7	16·96	31·43	438·030	457·147
6.	24·7	26·7	22·0	24·5	4·7	17·47	27·77	438·040	437·136
7.	24·7	26·7	23·4	24·9	3·3	18·16	33·07	438·037	437·125
8.	24·7	26·7	23·4	24·9	3·3	16·72	28·33	438·040	437·115
9.	24·7	26·0	24·0	24·9	2·0	18·20	32·43	437·960	437·102
10.	25·3	26·7	23·4	25·1	3·3	18·38	26·57	437·980	437·085
11.	25·3	26·7	22·0	24·7	4·7	18·50	31·90	437·970	437·073
12.	23·4	36·0	24·0	27·8	12·6	17·84	28·33	437·950	437·070
13.	24·0	26·7	22·7	24·5	4·0	19·85	29·80	437·900	437·065
14.	20·5	27·3	26·7	24·8	6·8	19·05	29·27	437·800	437·055
15.	26·0	28·0	26·7	26·9	2·0	16·41	26·67	437·780	437·025
16.	26·7	28·7	25·3	26·9	3·4	18·64	28·70	437·760	437·015
17.	26·7	28·0	26·7	27·1	1·3	19·04	28·80	437·750	437·005
18.	26·7	28·7	26·0	27·1	2·7	18·40	28·30	437·770	437·000
19.	26·7	28·0	27·3	27·3	1·3	18·21	28·17	437·780	436·985
20.	22·7	32·0	27·3	27·3	9·3	19·10	32·17	437·730	436·965
21.	27·3	31·3	26·0	28·2	5·1	18·23	28·33	437·800	436·950
22.	27·3	32·0	22·0	27·1	10·0	17·61	28·33	437·700	436·930
23.	26·0	29·3	26·0	27·1	3·3	18·93	28·10	437·670	436·930
24.	26·7	29·3	26·7	27·6	2·6	18·97	28·87	437·680	436·925
25.	27·3	29·3	26·0	27·5	3·3	19·50	28·53	437·700	436·925
26.	26·3	28·7	26·0	27·1	2·7	17·63	28·37	437·690	436·925
27.	26·7	29·3	26·7	27·6	2·6	17·87	28·93	437·670	436·920
28.	27·3	30·0	25·3	27·5	4·7	18·87	28·93	437·690	436·920
29.	26·0	28·0	26·7	26·9	2·0	17·17	29·10	437·680	436·915
30.	27·3	29·3	25·3	27·3	4·0	17·04	28·57	437·670	436·910
31.	26·0	28·7	26·0	26·9	2·7	17·63	28·57	437·660	436·910
Mittel	25·5	28·5	24·8	26·2	4·1	18·19	29·17	437·844	437·026

Die mittlere magnetische Abweichung betrug 9° 26' 2"; mit dem Maximum 9° 28' 2" am 21. und dem Minimum 9° 24' 5" am 5. 6. und 13.

Die mittlere Tagesvariation war 4' 1", mit dem Maximum 12' 6" am 12. und dem Minimum 1' 3" am 17. und 19.; am 12. und 13. Störung.

\*) Auf das neueste Nivellement bezogene Correctur —1·016 m bei der Cote Militärspital und Seelandbrunnen.

# 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.	25.9	23.6	23.5	24.3	+ 1.6	-11.2	- 5.6	- 9.5	- 8.8	- 8.2	6	3	36.0
2.	24.3	24.6	24.9	24.6	+ 1.8	-11.2	- 6.4	- 6.9	- 8.2	- 7.2	7	2	46.5
3.	26.1	25.2	25.4	25.6	+ 2.8	- 4.4	- 1.4	- 3.8	- 3.2	1.7	7	5	
4.	26.1	25.6	24.0	25.2	+ 2.3	- 5.0	- 2.8	- 5.8	- 4.5	- 2.6	13	3	
5.	21.6	20.0	17.2	19.6	- 3.3	- 8.2	- 4.0	- 3.5	- 5.2	- 3.0	14	4	
6.	14.8	12.7	09.8	12.4	-10.5	- 2.6	- 0.3	- 0.4	- 1.3	+ 1.0	8	4	
7.	07.1	11.1	14.9	11.0	-11.9	1.0	2.6	- 1.1	0.5	+ 2.9	8	3	26.2
8.	19.1	20.5	22.6	20.7	- 2.3	- 0.4	2.0	0.7	0.8	+ 3.3	9	3	
9.	24.5	25.3	25.9	25.2	+ 2.2	1.0	2.2	- 1.8	0.5	+ 3.1	8	4	44.5
10.	26.4	26.9	27.0	26.8	+ 3.7	- 3.5	1.0	- 0.2	- 0.9	+ 1.8	8	3	7.1
11.	27.9	28.4	28.2	28.2	+ 5.1	- 4.2	- 3.2	- 4.7	- 4.0	- 1.1	8	4	4.8
12.	27.7	26.1	25.7	26.5	+ 3.3	- 6.3	- 3.6	- 4.7	- 4.9	- 1.8	9	1	
13.	24.0	22.2	19.9	22.0	- 1.2	- 4.8	- 1.6	- 1.5	- 2.6	+ 0.6	10	1	
14.	14.2	10.1	06.8	10.4	-12.8	- 1.4	1.2	- 0.1	- 0.3	+ 3.3	7	3	
15.	05.2	06.2	09.2	06.4	+16.9	- 1.0	0.8	- 1.7	- 0.6	+ 3.1	10	4	
16.	13.8	15.8	18.1	15.9	- 7.4	- 3.6	- 3.4	- 5.6	- 4.2	- 0.3	13	4	
17.	19.5	19.2	18.9	19.2	- 4.1	- 8.5	- 7.9	- 7.8	- 8.1	- 4.1	7	1	
18.	19.1	17.7	16.3	17.7	- 5.5	-10.6	- 6.8	- 8.0	- 8.5	- 4.1	8	5	
19.	15.6	15.1	16.6	15.8	- 7.6	- 5.8	- 1.5	- 1.7	- 3.0	+ 1.7	7	4	
20.	20.3	23.2	23.7	22.4	- 1.0	0.8	2.1	1.4	1.4	+ 6.5	7	3	
21.	24.2	24.8	24.1	24.4	+ 0.9	1.0	2.5	1.7	1.7	+ 7.1	7	3	
22.	23.6	22.8	21.8	22.7	- 0.8	0.7	1.9	1.4	1.3	+ 6.9	8	4	
23.	20.7	21.0	21.5	21.1	- 2.5	1.2	2.6	1.5	1.8	+ 7.4	7	3	
24.	23.5	24.8	25.9	24.7	+ 1.1	1.2	3.0	1.6	1.9	+ 7.5	8	3	
25.	25.8	25.9	27.5	26.4	+ 2.8	0.8	1.0	1.0	0.9	+ 6.3	9	5	
26.	30.8	31.4	32.2	31.5	+ 7.9	0.8	2.4	1.2	1.5	+ 6.8	10	2	
27.	31.4	30.2	29.3	30.3	+ 6.6	0.6	2.9	1.2	1.6	+ 6.9	7	4	26.5
28.	29.8	29.6	28.0	29.1	+ 5.4	- 0.6	- 0.3	- 5.0	- 2.0	+ 3.5	7	3	
29.	26.1	25.6	28.0	26.6	+ 2.9	- 7.0	- 3.0	- 7.0	- 5.7	+ 0.1	7	2	88.0
30.	32.1	32.9	33.7	32.9	+ 9.2	-10.0	- 3.2	- 8.1	- 7.1	- 0.9	9	4	80.7
31.	34.0	32.3	31.1	32.4	+ 8.6	- 8.6	- 4.3	- 4.6	- 5.8	+ 0.7	9	4	
Mittel	22.75	22.61	22.63	22.66	-0.55	-3.54	-0.99	-2.64	-2.41	+1.48	8.5	3.3	11.62

5.9

Am 17. Temperatur des Wörthersee's 4.07, 19. Abends 7<sup>1/2</sup> Uhr starkes Gewitter mit Regen.

im December 1896.

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>		
1.6	2.1	1.6	1.8	85	70	74	76	10	0	0	3	NE <sup>1</sup>	NE <sup>1</sup>	NE	—	40
1.8	2.3	2.3	2.1	93	84	86	88	10	0	10	7	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
2.9	2.7	2.6	2.7	88	64	75	76	10	10	10	10	SE <sup>1</sup>	SE <sup>1</sup>	NW <sup>3</sup>	—	
2.5	2.6	2.3	2.5	81	70	80	77	10	8	10	9	NE <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	
2.0	2.4	2.5	2.3	82	73	72	76	10	8	10*	9	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	10.8.*	
3.6	3.6	3.9	3.7	96	79	89	88	10	6	10	9	E <sup>1</sup>	E <sup>1</sup>	W <sup>1</sup>	8.0.	
4.5	4.9	3.9	4.4	90	89	92	80	10	8	10	9	NW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	3.6. 7	
4.2	4.8	4.4	4.5	94	91	90	92	10	10	10	10	NW <sup>1</sup>	NW <sup>1</sup>	W	2.3.	
4.6	3.8	3.7	4.0	92	72	92	95	10	2	10	8	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.3	4.0	3.6	3.6	93	79	79	84	10	4	3	6	E <sup>1</sup>	NE <sup>1</sup>	SW <sup>1</sup>	—	
3.2	3.4	2.8	3.1	95	96	88	93	10	10	10	10	W <sup>1</sup>	W <sup>1</sup>	NW <sup>1</sup>	—	
2.9	3.2	2.5	2.9	93	91	79	88	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
2.9	4.1	3.7	3.6	90	100	90	93	10	10*	10*	10	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	10.3*	
3.8	4.1	4.4	4.1	92	82	96	90	10	10	10	10	SE <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—	
3.8	8.8	3.7	5.4	88	78	92	86	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.2	3.2	2.8	3.1	91	91	93	92	10	10	10	10	SE <sup>1</sup>	S <sup>1</sup>	NE <sup>1</sup>	—	
1.9	2.8	1.4	2.0	78	92	57	76	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
1.6	2.0	1.9	1.8	80	73	77	77	10	7	10	9	NE <sup>2</sup>	NE <sup>2</sup>	NE <sup>1</sup>	3.7*	
2.5	3.5	3.0	3.0	85	84	74	81	10*	10*	10	10	NW <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	13.8. 7	
4.5	5.0	3.1	4.0	92	93	61	82	10	10	10	10	SW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	7.9.	
4.6	5.5	4.8	5.0	92	100	93	95	10	10	10	10	SW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—	
4.5	4.7	4.5	4.6	92	90	89	90	10	10	10	10	SW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	2.4.	
4.4	3.1	4.6	4.7	89	93	91	91	10*	10	10	10	SW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	2.1.	
4.4	5.1	4.6	4.7	89	90	89	89	10	10	10	10	NW <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	1.8.	
4.5	4.7	4.4	4.5	92	90	89	90	10	10	10	10	W <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	4.7*	
4.5	4.8	4.4	4.6	92	87	89	89	10	10	10	10	NW <sup>1</sup>	NW <sup>1</sup>	SE <sup>1</sup>	2.2.	
4.4	4.8	4.4	4.5	92	85	89	89	10	2	10	7	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
4.1	4.1	2.7	3.6	92	90	86	89	10	0	10	7	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
2.4	2.7	2.1	2.4	89	74	78	80	0	0	0	0	NE <sup>1</sup>	NW <sup>1</sup>	NE <sup>2</sup>	—	
1.8	2.5	2.0	2.1	87	70	82	80	3	0	0	1	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
2.8	2.8	2.8	2.8	88	86	86	86	10	10	10	10	NE <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
3.3	3.9	3.3	3.5	89.4	84.0	83.8	85.7	9.3	7.3	8.8	8.5	1.0	1.0	1.1	73.6	226

Grundwasserstand in Klagenfurt:

K. k. Militärspital	437.884 Meter
Seelandbrunnen	437.026
Friedhofbrunnen	436.426
Neues Krankenhaus	437.844
Wörtherseepegel	441.487
Maximum am 2. 3.	441.518
Minimum „ 12. .	441.448

Draupegel an der Hollenburgbrücke: (0 Punkt: 425.890 m) 426.113  
 Maximum am 20. 426.350 Meter, Minimum am 31. 425.890 Meter.

Vorläufige Uebersicht der Witterung in Kärnten im December 1896 vom Central-Observatorium in Wien.

Stationen	Meter Seehöhe	Luftdruck in Millimeter				Luftwärme in Celsius °					Dunst- druck mm	Fench- tigitzeit %	Bewölkung	Herr- schender Wind	Niederschlag			Tage		darunter mit						
		Grösster	am	Kleinst.	am	Mittel	Grösste.	am	Kleinste	am					Mittel	Summe	Grösster in 24 h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm
Unterdraubg.	343	—	—	—	—	5.4	7.	-12.3	3.	-1.3	—	—	6.8	W	72	15	19.	8	3	20	14	4	0	0	1	
St. Paul	394	736.7	31.	707.9	15.	725.2	6.0	7.	-12.7	1.	-1.4	—	—	6.7	N	55	11	6.	9	3	19	8	2	0	0	
St. Andrä	432	—	—	—	—	5.0	7.	-10.7	18.	-1.4	—	—	—	—	53	9	13.	—	—	—	15	8	0	0	0	
Kappel a. Dr.	441	—	—	—	—	2.8	27.	-13.2	2.	-2.4	—	—	8.5	SW	111	24	19.	3	1	27	13	4	0	2	0	
Klagenfurt I	448	734.0	31.	705.2	15.	722.7	3.0	24.	-11.2	1. u. 2.	-2.4	3.5	86	NE	74	14	19.	3	1	27	13	3	0	2	0	
Tultschnig	455	—	—	—	—	3.4	21	-13.8	18.	-2.9	—	—	8.1	NE	70	16	6.	3	2	26	13	6	0	1	0	
Wolfsberg	461	—	—	—	—	7.2	7.	-10.2	1.	-1.0	—	—	—	—	43	8	13.	—	—	—	13	5	0	0	0	
Saager	486	—	—	—	—	3.0	7.	11.4	1.	-2.0	—	—	—	—	93	20	19.	—	—	—	12	2	0	0	0	
Bad Villach	488	728.8	30.	712.2	14.	717.7	3.6	7.	-13.7	17.	-2.2	—	—	8.2	SW	107	27	19.	—	—	—	13	5	0	1	0
Puch	495	—	—	—	—	4.9	7.	-14.8	18.	-2.8	—	—	7.3	E	92	29	19.	6	3	22	13	6	0	1	0	
St. Veit	496	—	—	—	—	4.4	7.	-14.6	18.	-3.1	3.4	90	SW	57	12	6.	20	4	7	9	5	0	0	0	0	
Villach	500	—	—	—	—	2.4	22.u.24.	-10.8	1.	-2.5	—	—	7.8	—	123	33	19.	—	—	—	13	5	0	1	0	
Klagenfurt II	504	—	—	—	—	3.2	20.u.21.	-11.2	1.	-2.4	—	—	8.7	N	—	—	—	0	2	29	10	3	0	2	0	
St. Walburgen	550	—	—	—	—	3.3	7.	-11.2	18.	-2.2	—	—	6.9	W	90	17	14.	5	5	21	13	5	0	0	0	
Liescha	552	724.7	30.	695.9	15.	713.2	6.0	7	-11.5	1.	-1.7	—	—	7.1	W	97	21	6.	6	3	22	12	5	0	0	0
Eisenkappel	554	—	—	—	—	5.0	7.	-10.0	1. u. 18.	-1.6	—	—	—	SW	103	20	6.	—	—	—	11	4	0	0	0	
Spittal a. D.	554	724.0	30.	696.5	15.	712.7	3.4	7.	-14.0	18.	-2.9	—	—	S	99	21	5.	4	2	25	12	6	0	1	0	
Pontafel	571	—	—	—	—	8.0	21.	-9.0	1.	-0.6	4.0	81	7.1	NE	210	55	19.	6	3	22	11	7	0	2	1	
Eberstein	640	—	—	—	—	2.4	28.	-13.4	17.	-3.1	—	—	4.6	N	—	—	—	—	—	—	—	—	—	—	—	—
Glanhofen	636	—	—	—	—	3.7	7.	-15.3	17.	-3.3	—	—	5.7	SW	81	17	19.	6	9	16	6	4	0	1	0	
Guttingar	642	—	—	—	—	6.5	7.	-14.5	17.	-2.7	—	—	4.9	W	60	10	6.	12	6	13	8	3	0	0	0	
Radweg	692	—	—	—	—	4.8	7.	-12.8	18.	-3.1	—	—	7.0	NW	75	17	6.	7	5	19	13	5	0	1	0	
Mittewald	697	—	—	—	—	1.8	23.	-10.6	17.	-3.5	—	82	6.5	—	72	13	19.	7	5	19	9	4	0	1	0	
Greifenburg	713	—	—	—	—	2.8	8.	-13.4	7.	-3.3	—	—	6.4	N	62	35	5.	9	3	19	7	5	0	0	0	
Gmünd	728	—	—	—	—	3.8	7.	-15.3	18.	-3.4	—	—	7.7	N	177	56	19.	4	3	24	13	7	0	1	0	
Hüttenberg	783	704.7	31.	675.3	14.	675.3	5.6	22.	-9.0	17.	-1.1	—	5.2	W	23	9	7.	9	11	11	4	2	0	0	0	
Bleiberg	927	690.4	31.	663.6	15.	680.5	4.1	7.	-12.6	29.	-3.3	2.7	69	NW	187	58	5.	9	2	20	10	4	0	1	0	
Raibl	981	—	—	—	—	4.6	21.	-9.6	18.	-1.7	—	—	6.9	W	288	80	19.	8	3	20	14	13	0	1	0	
Knappenberg.	1045	—	—	—	—	4.7	21.	-11.2	29.	-2.3	—	—	4.7	SE	37	7	19.	11	14	06	12	6	0	0	0	
Reichenau	1059	—	—	—	—	3.0	21.	-14.0	29.	-3.3	—	—	6.2	—	64	18	20.	—	—	—	10	7	0	0	0	
Cornat	1067	684.9	30.	659.6	15.	675.3	2.8	7.	-9.1	18.	-2.3	3.5	90	E	137	44	5.	7	3	21	7	7	0	0	0	
Teichl	1170	—	—	—	—	2.4	19	-11.0	17. u. 18.	-3.0	—	—	5.1	NW	105	27	5	10	8	13	9	7	0	0	4	
St. Peter i. K.	1217	—	—	—	—	4.8	1.	-13.6	18.	-3.0	—	—	7.0	E	70	16	20.	7	2	22	13	12	0	0	0	
Stelzing	1410	—	—	—	—	3.4	27.	-11.8	17.	-3.2	—	—	7.2	E	51	9	13.	5	5	21	12	9	0	0	0	
Obir	2047	599.3	31.	577.0	14.	590.6	0.6	21.	-14.5	17.	-6.8	6.2	92	SW	104	16	8.	7	5	19	13	13	0	1	8	
Sonnblick	3106	525.3	31.	502.6	15.	515.4	-5.0	31.	-22.0	16.	-11.5	—	77	SW	138	28	19.	1	9	21	14	14	0	0	7	

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von  
**F. Seeland.**

Monat Jänner 1897

Tag	Declination zu Klagenfurt					an fremden Stationen		Grundwasser	
	7	2 <sup>h</sup>	9 <sup>h</sup>	Tages- Mittel	Tages- Variation	Kremsmün- ster 9° +	Wien 8° +	Neues Kranken- haus	Seeland- brunnen
	9° +		Min		Min.	Minuten		Meter	Seehöhe
1.	24.9	26.0	12.7*	20.9	13.3	17.48	24.10	437.670	436.910
2.	29.3	28.7	17.3	25.1	11.4	21.85	26.90	437.650	436.900
3.	24.9	29.3	23.4	25.6	5.9	15.44	28.43	437.640	436.900
4.	25.3	27.3	17.3	23.3	10.0	16.71	26.73	437.680	436.895
5.	18.0	25.3	17.7	20.2	8.0	16.52	27.57	437.670	436.895
6.	24.0	26.7	23.4	24.7	3.3	14.79	29.93	437.650	436.895
7.	25.3	26.0	24.0	25.1	2.0	14.98	28.08	437.650	436.900
8.	24.0	27.3	24.0	25.1	3.3	14.77	31.43	437.650	436.920
9.	24.0	26.0	23.4	24.5	2.6	15.03	30.13	437.650	436.938
10.	24.0	27.3	24.7	25.3	3.3	16.23	32.43	437.640	436.949
11.	24.0	27.3	23.4	24.9	4.4	17.18	28.70	437.630	436.942
12.	23.4	27.3	17.3	22.7	10.0	17.58	31.30	437.600	436.942
13.	23.4	27.3	25.4	24.7	3.9	16.33	27.80	437.560	436.930
14.	23.4	28.0	24.0	25.1	4.6	18.02	27.40	437.560	436.923
15.	26.0	26.7	24.7	25.8	2.0	16.03	28.93	437.560	436.920
16.	24.0	28.0	23.4	25.1	4.6	16.87	26.83	437.560	436.907
17.	25.3	27.3	23.4	25.3	3.9	13.96	27.97	437.560	436.903
18.	25.3	27.3	24.0	25.5	3.3	16.73	27.43	437.560	436.900
19.	24.0	27.3	23.4	24.9	3.9	17.04	27.30	437.560	436.895
20.	24.0	26.7	24.7	24.2	2.7	18.43	28.90	437.560	436.890
21.	23.4	25.3	24.0	24.2	1.9	17.37	30.77	437.550	436.885
22.	23.4	27.3	23.4	24.7	3.9	16.08	28.17	437.550	436.885
23.	24.0	29.3	23.4	25.0	5.9	14.31	28.83	437.540	436.883
24.	23.4	27.3	23.4	24.7	3.9	15.24	28.47	437.550	436.880
25.	22.7	28.0	22.7	24.5	5.3	11.43	27.47	437.520	436.872
26.	23.4	28.0	23.4	24.9	4.6	8.94	28.23	437.520	436.867
27.	23.4	27.3	23.4	24.7	3.9	8° 58' 84	29.87	437.500	436.860
28.	23.4	27.3	23.4	24.7	3.9	8° 47' 19	27.47	437.530	436.850
29.	24.0	27.3	23.4	24.9	3.9	8° 48' 29	29.33	437.480	436.842
30.	22.7	27.3	21.3	23.8	2.0	8° 44' 92	27.43	437.470	436.835
31.	23.4	25.3	22.7	23.8	2.6	8° 47' 44	27.87	437.470	436.825
Mittel	23.9	27.1	22.4	24.5	4.8	11.66	28.37	437.580	436.894

Die mittlere magnetische Declination war 9° 24' 5" westlich; mit dem Maximum 9° 25' 8" am 15. und dem Minimum 9° 22' 9" am 1.

Die mittlere Tagesvariation betrug 4' 8", mit dem Maximum 13' 3" am 1. und dem Minimum 1' 9" am 21.

Am 1. Abends war eine magnetische 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.	32.4	32.4	33.0	32.6	+ 8.8	- 7.0	- 3.2	- 5.0	- 5.1	+ 1.6	8	3	48.8
2.	33.1	32.6	31.9	32.5	+ 8.7	- 4.6	- 0.4	- 5.1	- 3.4	+ 3.4	4	2	6.0
3.	31.2	29.2	28.3	29.6	+ 5.8	- 7.9	- 5.0	- 7.0	- 6.6	+ 0.2	5	1	25.0
4.	27.7	28.1	28.6	28.1	+ 4.3	- 8.5	- 5.4	- 8.2	- 7.4	- 0.7	7	1	28.5
5.	30.7	31.1	30.7	30.8	+ 7.0	- 9.8	- 4.6	- 8.6	- 7.7	- 1.1	7	3	67.6
6.	31.0	29.9	29.8	30.2	+ 6.4	- 10.9	- 6.1	2.0	- 6.3	0.0	8	3	
7.	28.6	28.4	28.5	28.5	+ 5.4	- 10.3	- 4.4	- 5.9	- 6.9	- 0.7	9	4	49.4
8.	27.8	27.5	27.0	27.4	+ 3.5	- 8.8	- 3.0	- 2.0	- 4.6	+ 1.5	8	3	
9.	24.7	24.5	24.5	24.0	+ 0.1	- 2.3	- 0.8	- 1.7	- 1.6	+ 4.4	7	1	
10.	24.2	23.6	23.3	23.7	- 0.2	- 2.0	0.2	- 0.8	- 0.9	+ 5.1	8	0	
11.	21.8	20.8	20.1	20.9	- 3.0	- 0.7	0.7	0.6	0.2	+ 6.2	8	1	
12.	19.1	19.1	19.1	19.1	- 4.8	0.3	2.1	1.0	1.0	+ 7.0	8	2	
13.	18.8	18.5	18.5	18.6	- 5.3	0.5	2.7	1.3	1.5	+ 7.5	9	3	
14.	19.3	19.6	20.3	19.7	- 4.2	0.5	2.8	1.0	1.4	+ 7.5	9	4	
15.	21.5	22.3	22.7	22.2	- 1.7	0.3	2.8	0.9	1.3	+ 7.5	9	3	
16.	22.6	21.9	20.8	21.8	- 2.0	0.6	2.2	1.0	1.3	+ 7.7	9	3	
17.	18.9	19.2	19.9	19.3	- 4.5	0.8	3.3	2.1	2.1	+ 8.6	8	4	
18.	19.9	19.8	20.8	20.2	- 3.6	1.4	3.6	2.4	2.5	+ 9.0	8	1	
19.	19.3	19.3	19.6	19.4	- 4.4	1.4	3.0	1.7	2.0	+ 8.4	7	4	
20.	21.5	22.6	22.7	22.3	- 1.5	0.6	1.6	- 1.5	0.2	+ 6.3	9	7	40.4
21.	19.2	16.2	12.9	16.1	- 7.7	- 1.9	- 1.4	- 2.4	- 1.0	+ 4.7	9	5	50.1
22.	06.8	01.7	698.8	02.4	- 20.3	- 2.0	- 0.2	- 0.9	- 1.0	+ 4.3	8	3	
23.	698.6	00.3	01.9	00.3	- 23.4	- 1.4	0.8	- 1.4	- 0.7	+ 4.3	12	2	
24.	03.3	05.5	07.0	05.3	- 18.4	- 2.2	- 1.9	- 2.9	- 2.3	+ 2.6	9	9	47.8
25.	11.4	12.9	13.7	12.7	- 10.9	- 7.6	- 4.0	- 7.9	- 6.3	- 1.4	9	4	62.6
26.	13.5	13.7	16.6	14.6	- 9.0	- 13.9	- 1.2	- 7.9	- 7.7	- 2.7	7	4	57.6
27.	19.2	19.4	19.8	19.5	- 4.1	- 16.1	- 7.2	- 9.1	- 10.8	- 5.7	8	3	76.9
28.	19.7	20.0	20.0	19.9	- 3.6	- 11.2	- 3.7	- 8.3	- 7.7	- 2.5	9	2	15.0
29.	19.9	19.4	18.8	19.4	- 4.1	- 17.4	- 7.2	- 10.7	- 11.8	- 6.7	8	5	60.2
30.	18.3	17.5	15.5	17.1	- 6.4	- 18.4	- 9.0	- 10.0	- 12.5	- 7.5	8	5	74.5
31.	13.9	12.3	12.1	12.8	- 10.6	- 10.8	- 5.2	- 7.8	- 7.9	- 3.2	7	3	78.7
Mittel	20.58	20.30	20.22	20.36	- 3.43	- 5.46	- 1.46	- 3.44	- 3.44	+ 2.45	8.0	3.2	25.46
													5.6

Am 11. Glatteis. 13. Temperatur des Wörthersee's 3.2° Celsius. 24. Die Buchten vom Pritschitz und die östliche von Pörschach zugefroren.

29. Der Wörthersee im mittleren Theile zugefroren. 30. bis Velden zugefroren, bei Loretto noch theilweise offen.



III.

im Jänner 1897

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>		
2.3	3.1	2.5	2.6	86	87	81	85	7	0	2	3	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
3.0	3.3	2.9	3.1	93	74	96	88	10	8	0	6	NW <sup>1</sup>	E <sup>1</sup>	NE <sup>1</sup>	—	
2.0	2.4	2.0	2.1	83	76	75	78	10	0	0	3	NE <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	—	
2.1	2.9	1.9	2.3	88	96	79	88	10	1	0	4	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
1.8	2.2	1.8	1.9	84	67	79	77	2	0	0	1	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
1.5	2.1	1.9	1.8	76	78	50	68	10	10	10	10	E <sup>1</sup>	NE <sup>1</sup>	E <sup>1</sup>	Spur *	
1.8	2.5	2.5	2.3	87	77	85	83	0	2	0	1	SE <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	—	
1.9	3.0	3.2	2.7	82	83	87	84	10	10	10	10	SE <sup>1</sup>	SE <sup>1</sup>	SE	—	
3.5	3.8	3.6	3.6	92	88	90	90	10	10	10	10	S <sup>1</sup>	SE <sup>1</sup>	SE	—	
3.6	4.5	3.7	3.9	92	86	86	91	10	10	6	9	NW <sup>1</sup>	SE <sup>1</sup>	SE	Spur *	
3.9	4.0	4.5	4.1	88	83	94	88	10	10	10	10	SE <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	8.2 *	30
4.2	4.4	4.7	4.4	90	82	96	89	10	10	10	10	SE <sup>1</sup>	NE <sup>1</sup>	SE <sup>1</sup>	—	
4.2	4.9	4.3	4.5	89	87	85	87	10	10	10	10	W <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—	
4.3	4.8	4.2	4.4	90	86	85	87	10	10	10	10	SW <sup>0</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—	
4.2	5.6	4.2	4.7	90	100	85	92	10	10	10	10	NW <sup>1</sup>	E	NW <sup>1</sup>	—	
4.4	5.0	4.5	4.6	92	93	89	91	10	10	10	10	SE <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	1.1 *	
4.6	5.3	4.9	4.9	94	92	91	92	10	10	10	10	NW <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	3.6 *	
4.7	5.5	5.0	5.1	93	93	91	92	10	10	10	10	SE <sup>1</sup>	SE <sup>1</sup>	SE <sup>1</sup>	1.9 *	
4.7	5.3	4.8	4.9	93	93	93	93	10	10	10	10	SE <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	0.6	
4.1	3.5	3.6	3.7	85	68	88	80	9	4	10	8	NE <sup>1</sup>	NE <sup>3</sup>	NE <sup>3</sup>	—	
3.6	3.4	3.4	3.5	90	66	89	82	10	0	2	4	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	
3.6	4.0	3.9	3.8	92	89	90	90	10	10	10	10	E <sup>1</sup>	SE	SE <sup>1</sup>	11.3 *	90
3.6	4.1	3.7	3.8	88	83	90	87	10	10	10	10	SW <sup>1</sup>	E <sup>1</sup>	SE <sup>1</sup>	13.5 *	140
3.6	3.5	3.5	3.5	92	88	96	92	10	1	0	4	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>2</sup>	—	
2.1	2.6	2.3	2.3	83	77	94	85	0	1	0	0	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
1.2	2.4	2.2	1.9	79	57	89	75	3	1	0	1	SW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	—	
1.1	1.8	1.4	1.4	85	67	63	72	0	0	0	0	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
1.6	2.8	1.8	2.1	85	80	76	80	10	8	0	6	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
1.0	1.8	1.6	1.5	89	67	83	80	0	1	0	0	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>3</sup>	—	
0.9	1.4	1.6	1.3	83	63	77	74	0	0	0	0	NE <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	
1.5	2.7	2.0	2.1	79	88	80	82	10	2	0	4	NE <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	—	
2.9	3.5	3.2	3.2	87.5	81.2	84.9	84.5	7.5	5.8	5.2	5.2	1.0	1.1	1.2	32.0	260

Grundwasserstand in Klagenfurt:

K. k. Militärspital	437.604 Meter
Neues Krankenhaus	437.580
Seelandbrunnen	436.894
Friedhofbrunnen	436.253
Wörtherseepegel	441.433
Maximum am 1. .	441.488
Minimum „ 31.	441.378

Draupegel an der Hollenburgbrücke: (0 Punkt: 425.890 m) 425.873  
 Maximum am 12. 426.050 Meter, Minimum am 31. 425.670 Meter.



# Magnetische Declinations-Beobachtungen zu Klagenfurt

von

Monat Februar 1897.

F. Seeland.

Tag	Declination zu Klagenfurt					an fremden Stationen		Grundwasser	
	7	2 <sup>h</sup>	9 <sup>h</sup>	Tages- Mittel	Tages- Variation	Kremsmün- ster 9° +	Wien 8° +	Nones Kranken- haus	Seeland- brunnen
	9° + Min				Min.	Minuten		Meter	Seehöhe
1.	24.4	25.3	22.0	23.8	3.3	46.10	27.57	437.450	436.822
2.	22.7	24.7	22.0	23.1	2.7	47.17	27.37	437.430	436.805
3.	22.7	25.3	19.3	22.4	6.0	49.53	26.83	437.410	436.794
4.	20.7	25.3	21.3	22.4	4.6	48.75	27.87	437.390	436.780
5.	20.7	24.0	20.0	21.6	4.0	46.70	26.93	437.380	436.770
6.	20.7	24.7	18.6	21.3	6.1	46.49	27.30	437.390	436.765
7.	20.0	25.3	19.3	21.5	6.0	56.38	26.97	437.370	436.745
8.	20.0	25.3	20.7	22.0	5.3	47.09	27.40	437.350	436.735
9.	19.3	24.7	21.3	21.8	5.4	44.84	27.37	437.330	436.725
10.	20.0	24.7	14.6	19.8	10.1	43.08	27.40	437.310	436.725
11.	21.3	25.3	22.7	23.1	4.0	44.72	26.77	437.300	436.720
12.	22.7	25.3	21.3	23.1	4.0	43.17	27.30	437.280	436.717
13.	20.7	25.3	16.6	20.9	8.7	44.52	29.63	437.270	436.700
14.	20.0	24.7	20.0	21.6	4.7	42.49	26.57	437.250	436.695
15.	20.7	25.3	21.3	22.4	4.6	43.03	27.53	437.230	436.690
16.	20.7	25.3	22.0	22.7	4.6	44.15	26.33	437.210	436.688
17.	21.3	24.0	16.6	20.6	7.4	42.36	27.67	437.190	436.680
18.	20.7	25.3	21.3	22.4	4.6	41.66	27.47	437.170	436.675
19.	20.0	25.3	20.7	22.0	5.3	41.86	28.03	437.180	436.670
20.	21.3	26.0	22.0	23.1	4.7	42.29	27.87	437.190	436.660
21.	19.3	25.3	20.7	21.8	6.0	43.51	27.50	437.170	436.650
22.	20.0	25.3	21.3	22.2	5.3	43.77	28.13	437.170	436.640
23.	20.7	26.0	19.3	22.0	6.7	43.22	27.40	437.150	436.630
24.	21.3	25.3	20.0	22.2	4.0	44.21	27.57	437.150	436.625
25.	20.7	24.7	21.3	22.3	4.0	45.65	32.70	437.140	436.610
26.	20.7	25.3	16.6	22.2	8.7	41.29	28.33	437.130	436.605
27.	20.0	24.0	17.3	20.4	6.7	41.71	24.80	437.130	436.600
28.	20.7	23.4	19.3	21.1	4.1	43.06	25.57	437.130	436.595
Mittel	20.9	25.7	19.9	22.3	5.4	44.77	27.50	437.259	436.694

Die mittlere magnetische Declination in Klagenfurt war 9° 22'3"; mit dem Maximum 9° 23'8" am 1. und dem Minimum 9° 19'8" am 10.

Die mittlere Tagesvariation betrug 5'4"; mit dem Maximum 10'1" am 10. und dem Minimum 2'7" am 2.

Am 10. 13. 17. und 26. Abends gab es Störungen.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein °/o
	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.	15·4	15·9	15·0	15·4	- 8·0	-14·2	- 3·6	- 6·9	- 8·2	- 3·7	9	4	28·1
2.	14·4	13·9	12·6	13·6	- 9·7	-11·8	1·2	- 1·8	- 4·1	+ 0·3	8	1	51·6
3.	13·0	13·5	15·4	14·0	- 9·3	- 7·2	3·0	- 2·4	- 2·2	+ 2·1	9	2	36·5
4.	19·9	21·3	21·7	21·0	- 2·2	- 5·0	2·6	- 2·1	- 1·5	+ 2·7	9	4	11·4
5.	22·8	23·9	22·8	23·2	0·0	- 1·1	1·0	- 1·5	- 0·5	+ 3·6	9	9	
6.	18·3	17·6	18·0	18·0	- 5·1	- 3·2	1·2	- 2·5	- 1·5	+ 2·5	14	3	4·1
7.	15·2	14·5	14·5	14·7	- 8·4	- 4·4	0·4	- 2·0	- 2·0	+ 1·8	5	3	7·9
8.	17·7	20·7	22·6	20·3	- 2·7	- 1·4	4·4	1·7	1·6	+ 5·3	8	7	14·3
9.	27·6	28·0	28·0	27·9	+ 5·0	- 7·0	3·6	- 0·8	- 1·4	+ 2·0	9	3	89·9
10.	27·8	27·0	26·2	27·0	+ 4·1	-10·8	- 1·4	- 1·6	- 4·6	- 1·2	8	6	78·0
11.	25·9	24·5	23·3	24·6	+ 1·8	- 3·6	2·4	- 1·7	- 1·0	+ 2·4	9	3	
12.	21·7	22·1	23·0	22·3	- 0·5	- 4·2	3·8	- 1·8	- 0·7	+ 2·7	6	5	64·0
13.	24·6	25·2	24·9	24·9	+ 2·2	- 1·8	1·8	- 2·8	- 0·9	+ 2·5	9	5	9·8
14.	24·6	22·2	21·6	22·8	+ 0·2	- 5·4	0·8	- 2·0	- 2·2	+ 1·2	6	3	10·9
15.	22·9	24·9	28·0	25·3	+ 2·7	- 8·2	3·6	- 0·1	- 1·6	+ 1·8	7	12	18·6
16.	33·5	35·7	36·0	35·1	+ 12·6	- 2·8	1·0	- 4·6	- 2·1	+ 1·2	12	6	68·9
17.	35·7	35·0	34·5	35·1	+ 12·7	- 7·9	3·0	0·8	- 1·4	+ 1·7	7	5	49·1
18.	34·8	34·0	35·3	34·7	+ 12·3	- 5·4	4·3	0·0	- 0·4	+ 2·6	7	4	77·9
19.	35·2	34·6	34·5	34·8	+ 12·5	- 5·4	5·0	- 0·6	- 0·3	+ 2·6	5	3	76·9
20.	35·3	34·2	33·5	34·3	+ 12·1	- 4·4	5·6	- 0·4	0·3	+ 3·0	7	4	79·0
21.	33·1	30·1	28·5	30·6	+ 8·5	- 3·0	6·0	3·0	2·0	+ 4·6	7	5	31·4
22.	30·7	31·8	33·4	32·0	+ 9·9	- 2·4	6·4	2·0	3·6	+ 6·0	8	6	46·2
23.	35·5	35·1	35·5	35·4	+ 13·4	- 5·2	6·5	0·6	0·6	+ 2·7	7	4	80·3
24.	36·7	36·1	35·8	36·2	+ 14·3	- 1·4	8·1	1·2	2·6	+ 4·5	7	3	71·0
25.	36·5	36·0	35·0	35·8	+ 13·9	- 3·2	8·2	1·9	2·3	+ 3·9	8	3	76·9
26.	34·1	33·0	32·2	33·1	+ 11·3	- 1·4	4·4	1·5	1·5	+ 2·8	6	1	
27.	31·3	29·9	29·3	30·2	+ 8·5	- 1·6	19·4	3·5	4·1	+ 5·2	7	3	54·1
28.	28·3	26·5	24·9	26·6	+ 4·9	- 0·8	10·2	6·2	5·2	+ 6·0	7	4	81·1
Mittel	26·81	26·68	26·64	26·75	+ 4·12	- 4·62	3·72	- 0·47	- 0·46	+ 2·61	7·8	4·3	43·50
											5·8		

Am 6. das Eis in der Pritschitzbucht 18 cm. dick, Wassertemperatur: 0·6° C., einen ertrunkenen Buben gefunden.

im Februar 1897

Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag	Schnee- höhe
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>		
1.2	2.1	2.4	1.9	83	60	89	77	0=	3	0	1	E <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	
1.4	3.0	3.1	2.5	78	60	78	72	2	9	0	4	SE <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>	—	
2.2	2.8	3.3	2.8	87	50	87	75	3	9	0=	4	SW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
2.8	4.0	3.7	3.5	90	72	94	85	10=	6	0=	5	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
3.7	3.4	3.5	3.5	88	66	86	80	10	10 *	10=	10	SW <sup>1</sup>	SE <sup>1</sup>	E <sup>1</sup>	—	
3.3	3.6	3.2	3.4	91	72	85	84	10 *	8	0	6	NE <sup>1</sup>	NE <sup>1</sup>	NE	0.3 *	3
3.0	3.8	3.5	3.4	91	80	88	86	10=	10	10 *	10	NW <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	0.6 *	6
3.8	3.9	2.5	3.4	92	62	48	67	10	2	10	7	W <sup>1</sup>	SW <sup>1</sup>	SE <sup>2</sup>	—	
2.2	2.5	1.5	2.1	83	41	34	53	0	0	2	1	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
1.5	2.4	2.3	2.1	79	59	56	65	0	0	10	3	NW <sup>2</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	
3.0	3.1	3.9	3.3	87	58	96	80	10	10	5	8	SE <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	
3.0	3.5	3.4	3.3	91	57	86	78	5	4	0	3	SW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.5	3.5	3.3	3.4	88	77	89	85	10	10	0	7	SW <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	
2.7	3.3	3.2	3.1	90	68	82	80	10=	9	0	6	SW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	—	
2.1	4.0	3.3	3.1	88	67	72	76	2	10	10	7	E <sup>1</sup>	NE <sup>5</sup>	NE <sup>6</sup>	0.6 *	6
3.2	3.4	2.8	3.1	87	68	88	81	10	2	0	4	NE <sup>5</sup>	SE <sup>1</sup>	NE <sup>1</sup>	—	
2.0	2.8	3.8	2.9	80	50	78	69	7	3	2	4	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
2.7	3.3	4.0	3.3	87	52	87	75	0	0	0	0	NE <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	
2.7	3.3	4.1	3.4	87	51	94	77	4	0	0	1	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
3.0	3.6	4.3	3.6	91	54	96	80	2	1	0	1	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.3	4.1	4.1	3.8	89	59	73	74	7	5	0	4	SW <sup>1</sup>	SW <sup>1</sup>	SW <sup>3</sup>	0.2 *	
3.4	1.5	3.4	2.8	61	22	64	49	10	2	0=	4	NW <sup>6</sup>	NW <sup>6</sup>	NW <sup>3</sup>	—	
2.8	3.2	3.5	3.2	93	44	73	70	1	0	0	0	W <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—	
3.5	4.2	3.9	3.9	84	54	79	72	7	2	0	3	S <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—	
3.3	4.6	3.9	3.9	91	57	75	74	0	0	0	0	SW <sup>1</sup>	SW <sup>2</sup>	SW <sup>1</sup>	—	
3.4	4.1	3.8	3.8	82	65	74	74	4	10	0	5	NW <sup>1</sup>	SE <sup>1</sup>	NW <sup>1</sup>	—	
3.4	5.1	4.5	4.3	84	54	77	72	5	2	0	2	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
4.1	4.5	5.0	4.5	94	48	71	71	5	0	10	5	SE <sup>1</sup>	SE <sup>1</sup>	SW <sup>1</sup>	—	
2.8	3.4	3.5	3.2	86.3	58.1	78.5	74.3	5.5	4.5	2.5	4.1	1.4	1.4	1.4	1.7	15

Grundwasserstand      Klagenfurt:

K. k. Militärspital	437.264 Meter
Neues Krankenhaus	437.259
Irenhaus	436.633
Seelandbrunnen	436.694
Friedhofbrunnen	436.056
Wörtherseepegel	441.308
Maximum am 2.	441.358
Minimum „ 24. u. 27.	441.268

Draupegel an der Hollenburgbrücke: (0 Punkt: 425.890 m) 426.065 m.  
Maximum am 2. 426.140 Meter, Minimum am 5—8 u. 27. 28. 425.040 Meter.

# Vorläufige Uebersicht der Witterung in Kärnten im Feb

Stationen	Meter Seehöhe	Luftdruck in Millimeter					Luftwärme in Celsius			
		Grösster	am	Kleinste	am	Mittel	Grösste	am	Kleinste	am
Unterdraubg.	343	—	—	—	—	—	14.8	28.	—12.4	1.
St. Paul	394	739.7	16.	715.0	2.	727.8	11.8	27.	—16.8	1.
St. Andrä	432	—	—	—	—	—	11.0	27.	—12.7	1.
Kappel a. Dr.	441	—	—	—	—	—	8.2	28.	—16.0	10.
Klagenfurt I	448	736.7	24.	712.6	2.	726.7	10.4	27.	—14.2	1.
Tultschnig	455	—	—	—	—	—	10.5	27.	—15.0	1.
Wolfsberg	461	—	—	—	—	—	12.2	27. 28.	—11.0	1.
Saager	486	—	—	—	—	—	9.6	28.	—13.0	1.
Bad Villach	488	—	—	—	—	—	7.8	28.	—12.0	1.
Puch	495	—	—	—	—	—	11.9	28.	—10.9	1.
Klagenfurt II	504	—	—	—	—	—	11.0	27.	—12.2	1.
St. Walburgen	550	—	—	—	—	—	16.7	28.	— 9.0	1.
Liescha	552	727.4	24.	703.2	2.	717.1	12.5	27.	— 9.5	10.
Eisenkappel	554	—	—	—	—	—	12.0	28.	—11.6	1.
Spittal a. D.	554	727.1	24.	701.8	2.	716.4	10.6	27.	—12.4	1.
Pontafel	571	—	—	—	—	—	16.4	27.	— 8.2	1.
Eberstein	640	—	—	—	—	—	10.6	28.	—12.6	1.
Guttaring	642	—	—	—	—	—	13.0	28.	—14.0	1.
Radweg	692	—	—	—	—	—	10.4	28.	—10.8	1.
Mittewald	697	—	—	—	—	—	7.5	27.	— 8.1	1.
Gmünd	728	—	—	—	—	—	12.4	28.	—16.2	1.
Radenthoin	738	—	—	—	—	—	10.6	27.	—11.8	1.
Bleiberg	927	694.2	24. 27.	672.3	3.	684.8	7.4	26.	—10.0	1.
Raibl	981	—	—	—	—	—	16.0	27.	— 7.6	1.
Knappenberg.	1045	—	—	—	—	—	12.6	27.	— 9.4	1.
Reichenau	1059	—	—	—	—	—	13.4	27.	—11.6	1.
Cornat	1067	687.9	25.	666.9	2.	679.3	14.3	28.	— 8.0	1.
Teichl	1170	—	—	—	—	—	10.0	27.	— 9.8	1.
St. Peter i. K.	1217	—	—	—	—	—	12.0	26.	11.0	1.
Stelzing	1410	—	—	—	—	—	10.8	27.	—10.0	1.
Obir	2047	604.9	24.	582.9	1.	595.4	5.0	27.	—11.8	1.
Sonnblick	3106	529.7	25.	507.7	1.	520.4	— 0.2	27.	—24.6	9.
pro Jänner	3106	523.6	1.	497.0	23.	512.6	—3.8	8.	—23.4	28.

# Februar 1897 vom Central-Observatorium in Wien.

Mittel	Dunst- druck mm	Feuch- tigkeit %	Bevölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit				
					Summe	Grösster in 24 h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm
0.5	—	—	4.4	W	4	2	7.	13	3	12	4	3	0	0	0
- 0.7	3.5	82	5.0	NW	0	0	0.	12	4	12	0	0	0	0	0
- 0.1	3.7	84	4.7	N	2	1	21.	9	9	10	6	5	0	0	0
- 1.8	—	—	5.4	SE	2	1	7.	9	8	11	4	3	0	0	0
- 0.5	3.2	74	4.2	NW	2	1	15.	11	11	6	4	3	0	0	2
- 1.4	—	—	4.8	NE	1	0.4	15.	7	9	12	2	2	0	0	0
0.5	—	—	—	—	2	1	15.	—	—	—	2	2	0	0	0
0.0	—	—	—	—	1	0.3	7.	—	—	—	2	2	0	0	0
- 0.8	—	—	4.3	—	8	4	21.	—	—	—	2	2	0	0	0
0.0	—	—	3.8	E	3	1	21.	15	6	7	6	4	0	0	0
- 0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1.6	—	—	4.2	S	1	1	21.	12	7	9	1	0	0	0	0
0.2	—	—	5.1	W	10	6	6.	8	9	11	4	3	0	0	0
0.2	—	—	—	SW	9	4	21.	—	—	—	5	4	0	0	0
0.2	3.5	77	4.0	S	10	6	6.	13	10	5	3	2	0	0	2
2.0	3.9	73	4.0	NE	9	6	5.	11	10	7	3	1	0	0	0
0.4	—	—	2.1	N	0	0	0.	—	—	—	0	0	0	0	0
0.1	—	—	3.4	N	12	10	21.	17	5	6	2	1	0	0	0
- 0.3	—	—	4.7	NW	0.4	0.3	5.	10	6	12	0	0	0	0	1
- 0.8	—	73	3.1	SE	0	0	0.	15	4	9	3	2	0	0	0
0.2	—	—	7.2	N	5	4	15.	9	3	16	3	2	0	0	0
0.4	—	—	4.0	—	3	1	21.	16	3	9	4	3	0	0	0
1.4	4.1	78	2.7	NW	3	3	5.	21	2	5	1	1	0	0	0
1.2	—	—	2.4	W	11	9	5.	21	3	4	3	3	0	0	0
0.5	—	—	3.1	SN	2	1	15.	16	12	0	4	3	0	0	0
0.2	—	—	3.8	N	1	1	16.	—	—	—	2	2	0	0	0
1.4	3.6	70	3.1	N	0	0	0.	16	8	4	0	3	0	0	0
0.2	—	—	4.3	SE	2	1	15.	12	9	7	3	3	0	0	0
0.4	—	—	4.8	E	8	3	7.	10	7	11	6	4	0	0	0
- 0.1	—	—	4.9	SW	5	3	7.	8	11	9	4	4	0	0	3
3.5	3.1	87	3.4	W	14	6	21.	15	10	3	4	4	0	0	3
-10.4	—	80	7.4	SW	152	27	7.	4	5	19	16	16	0	0	0
-13.7	—	84	8.0	SW	77	15	10.	2	7	22	15	15	0	0	6

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von  
Monat März 1897. **F. Seeland.**

Tag	Declination zu Klagenfurt					an fremden Stationen		Grundwasser	
	7	2 <sup>h</sup>	9 <sup>h</sup>	Tages- Mittel	Tages- Variation	Kremsmün- ster 9° +	Wien 8° +	Neues Kranken- haus	Seeland- brunnen
	9° + Min				Min.	Minuten		Meter Seehöhe	
1.	20·0	25·3	17·3	20·9	8·0	42·47	27·17	437·120	436·595
2.	19·3	26·0	20·7	22·0	6·7	42·53	26·87	437·120	436·585
3.	20·0	28·0	17·3	21·8	11·0	46·03	27·83	437·120	436·585
4.	20·7	26·0	21·3	22·7	5·3	43·15	27·13	437·120	436·585
5.	22·0	27·3	21·3	23·5	6·0	43·47	27·97	437·120	436·583
6.	22·7	28·0	23·4	24·8	5·3	42·39	28·53	437·120	436·587
7.	23·4	28·0	23·4	24·9	4·6	42·58	27·43	437·120	436·583
8.	23·4	28·7	20·0	24·0	8·7	43·66	27·43	437·120	436·589
9.	20·0	28·0	22·7	23·6	8·0	42·12	27·87	437·120	436·580
10.	23·4	27·3	23·4	24·0	3·9	41·66	27·40	437·120	436·580
11.	21·3	27·3	23·4	24·0	6·0	42·50	27·30	437·130	436·578
12.	22·7	28·0	23·4	24·7	5·3	41·96	28·07	437·140	436·580
13.	22·7	26·0	21·3	23·3	4·7	40·54	26·87	437·140	436·580
14.	22·7	28·0	23·4	24·7	5·3	42·08	27·97	437·130	436·588
15.	22·7	27·3	21·3	23·8	6·0	40·28	27·60	437·130	436·588
16.	21·3	27·3	21·3	23·4	6·0	40·90	27·47	437·140	436·589
17.	22·0	27·3	14·0	21·1	13·3	42·78	27·77	437·140	436·580
18.	21·3	27·3	18·6	22·4	8·7	41·38	28·17	437·140	436·582
19.	20·0	27·3	20·0	22·4	7·3	40·91	28·00	437·140	436·582
20.	21·3	27·3	21·3	23·3	6·0	42·29	28·57	437·130	436·585
21.	21·3	27·3	20·3	23·0	7·0	42·77	28·63	437·130	436·585
22.	19·3	27·3	19·3	22·0	8·0	41·57	24·47	437·130	436·588
23.	21·3	27·3	19·3	22·6	8·0	40·61	26·83	437·130	436·570
24.	20·0	26·0	21·3	22·4	6·0	41·80	28·00	437·130	436·570
25.	19·3	27·3	20·3	22·3	8·0	44·82	28·13	437·130	436·570
26.	20·3	26·0	20·3	22·2	5·7	40·58	28·17	437·130	436·567
27.	20·3	27·3	19·3	22·3	8·0	41·84	27·57	437·130	436·560
28.	19·3	27·3	20·3	22·3	8·0	42·18	27·40	437·130	436·558
29.	19·3	26·0	15·3	20·2	10·7	41·29	25·80	437·130	436·556
30.	19·3	27·3	20·3	22·3	8·0	41·67	28·27	437·130	436·547
31.	18·6	26·0	18·6	21·1	7·4	40·94	27·03	437·130	436·541
Mittel	21·0	27·1	20·4	22·2	7·1	42·12	27·54	437·129	436·577

Die mittlere magnetische Declination in Klagenfurt war 9° 22' 8"; mit dem Maximum 9° 24' 9" am 7. und dem Minimum 9° 21' 1" am 17. und 31.

Die mittlere Tagesvariation betrug 7' 1"; mit dem Maximum 13' 3" am 17. und dem Minimum 4' 6" am 7.



# 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.	22.6	21.8	19.0	21.1	- 0.5	2.8	9.8	7.2	6.6	+ 7.2	8	3	19.0
2.	17.6	16.9	18.8	17.8	- 3.7	2.2	10.3	4.6	5.7	+ 6.0	7	3	16.8
3.	19.2	14.9	13.1	15.7	- 5.7	1.8	10.0	5.9	5.9	+ 6.0	10	5	8.9
4.	13.3	15.0	17.6	15.3	- 6.1	0.8	7.4	0.8	3.0	+ 2.9	12	6	58.7
5.	18.2	15.4	13.9	15.8	- 5.5	3.7	6.7	3.6	2.2	+ 1.9	10	5	82.5
6.	12.5	13.6	14.6	13.6	- 7.6	1.7	6.7	8.4	5.6	+ 5.1	11	10	27.1
7.	15.4	15.3	17.1	15.9	- 5.3	0.1	6.5	3.6	3.3	+ 2.7	11	8	13.3
8.	19.6	20.4	22.7	20.9	- 0.2	- 1.3	7.6	3.0	3.1	+ 2.4	9	8	21.2
9.	24.9	25.4	26.6	25.6	+ 4.5	- 2.0	6.6	3.4	2.7	+ 2.1	9	8	77.1
10.	27.6	25.7	24.6	26.0	+ 5.0	- 0.3	6.5	4.2	3.5	+ 3.0	10	7	10.4
11.	24.9	25.1	25.8	25.3	+ 4.4	- 0.2	9.2	1.4	3.5	+ 3.1	8	9	73.5
12.	26.0	23.1	21.2	23.4	+ 2.5	- 3.2	9.2	4.7	3.4	+ 2.9	10	8	50.0
13.	17.5	13.2	09.1	13.3	- 7.5	1.1	9.8	5.2	5.4	+ 4.8	7	10	21.3
14.	09.8	13.2	08.9	10.6	-10.2	1.2	6.6	4.7	4.2	+ 3.4	13	10	7
15.	19.4	19.3	19.7	19.5	- 1.2	1.6	9.6	4.8	5.3	+ 4.2	11	7	74.5
16.	21.9	21.7	21.7	21.8	+ 1.1	0.8	12.8	6.1	6.6	+ 5.3	7	4	12.6
17.	21.8	20.6	21.2	21.2	+ 0.6	1.6	14.0	6.3	7.3	+ 5.7	8	8	58.8
18.	22.9	21.4	19.5	21.3	+ 0.7	1.4	14.2	10.3	8.6	+ 6.9	9	9	40.8
19.	23.3	18.8	17.4	19.8	- 0.7	4.2	15.0	10.8	10.0	+ 8.2	11	2	61.7
20.	17.6	17.9	20.9	18.8	- 1.7	6.0	11.8	4.8	7.5	+ 5.6	12	9	53.7
21.	13.3	23.2	22.1	22.9	+ 2.5	1.3	14.7	8.9	8.3	+ 6.2	12	8	73.8
22.	26.6	26.2	26.4	26.4	+ 6.0	2.2	14.8	7.9	8.3	+ 5.9	9	9	89.7
23.	25.3	21.7	21.2	22.7	+ 2.4	2.8	15.7	10.1	9.5	+ 6.8	6	6	43.9
24.	23.4	22.5	21.6	22.5	+ 2.2	4.7	17.4	12.0	11.4	+ 8.3	7	6	25.8
25.	21.9	20.4	20.8	21.0	+ 0.7	5.4	20.1	13.6	13.0	+ 9.5	9	9	50.0
26.	22.4	21.9	22.6	22.3	+ 2.1	7.3	19.0	15.0	13.8	+10.0	9	8	73.6
27.	20.3	15.8	15.9	17.3	- 2.9	5.2	17.5	13.4	12.0	+ 7.9	9	8	26.4
28.	16.7	14.8	13.4	15.0	- 5.2	9.4	17.4	11.3	12.7	+ 8.4	8	8	24.6
29.	10.8	06.4	08.8	08.7	-11.5	6.8	16.2	9.0	10.7	+ 6.3	7	9	11.9
30.	13.6	12.7	12.8	13.0	- 7.2	1.2	12.4	8.5	7.4	+ 2.7	12	7	63.5
31.	14.4	13.7	12.1	13.4	- 6.7	4.2	11.8	7.5	7.8	+ 2.9	10	11	18.0
Mittel	19.83	18.64	18.42	18.96	-1.88	2.16	11.85	7.13	7.04	+5.30	9.4	7.4	41.62

Am 6. Schneelinie 700 m.; am 14. der obere Theil (von Reifnitz bis Saag) des Wörthersees eisfrei geworden.

im März 1897

Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag 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>	
4.8	6.5	5.3	5.2	86	71	70	76	8	10	10	9	NW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	Spur
4.6	5.3	5.9	5.3	85	57	94	79	4	10	10	8	NE <sup>1</sup>	SW <sup>2</sup>	SW <sup>1</sup>	3.1
4.6	5.0	4.9	4.8	88	55	71	71	3	10	10	8	NW <sup>1</sup>	NW <sup>3</sup>	SW	8.2
4.4	1.3	4.2	3.3	90	17	87	65	10	3	0	4	NW <sup>1</sup>	NW <sup>5</sup>	NW <sup>1</sup>	—
3.0	2.8	5.5	3.8	89	38	93	73	2	2	10	5	NE <sup>1</sup>	NE <sup>2</sup>	NW <sup>1</sup>	—
4.9	4.8	4.3	4.5	94	66	73	78	10	4	2	5	W <sup>1</sup>	NW <sup>2</sup>	NE <sup>3</sup>	16
4.1	5.7	5.4	5.1	90	80	92	87	7	10	10	9	NW <sup>1</sup>	NW <sup>1</sup>	SE <sup>1</sup>	—
3.8	6.3	5.3	5.1	92	80	93	88	2	10	3	5	SW <sup>1</sup>	SW <sup>3</sup>	NW <sup>1</sup>	—
3.6	5.4	5.3	4.8	92	74	92	86	2	3	1	2	NW <sup>1</sup>	NW <sup>2</sup>	NW <sup>3</sup>	—
4.1	6.1	4.9	5.0	92	84	79	85	7	10	0	6	NW <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	—
4.1	8.2	4.6	5.6	90	95	91	92	5	4	0	3	NW <sup>1</sup>	NE <sup>5</sup>	NE <sup>3</sup>	—
3.4	6.5	6.1	5.3	94	75	96	88	7	6	0	4	SW <sup>1</sup>	NW <sup>3</sup>	SW <sup>1</sup>	—
4.6	8.8	6.2	6.5	92	98	94	95	10	10	10	10	SE <sup>1</sup>	SW <sup>4</sup>	SW <sup>1</sup>	10.1
4.6	5.9	5.3	5.3	94	81	82	86	5	10	10	8	SW <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	2.4
4.5	8.4	5.9	6.3	87	95	92	91	3	3	1	2	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—
4.4	8.0	6.3	6.2	90	73	90	84	7	4	10	7	NW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	—
4.8	7.2	6.9	6.3	93	63	98	85	5	2	0	2	NE <sup>1</sup>	NE <sup>3</sup>	NE <sup>1</sup>	—
4.7	9.4	9.0	7.7	93	78	96	89	2	2	4	3	SW <sup>1</sup>	SW <sup>1</sup>	NW <sup>4</sup>	—
5.8	12.3	9.0	9.0	93	97	94	95	2	9	9	7	SE <sup>1</sup>	SE <sup>1</sup>	SE <sup>2</sup>	—
6.6	9.8	6.0	7.5	94	96	94	95	5	3	0	3	NW <sup>3</sup>	NE <sup>3</sup>	NE <sup>2</sup>	—
4.7	11.9	6.9	7.8	92	96	81	90	1	0	0	0	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	Spur
5.0	12.0	7.5	8.2	93	96	94	94	2	2	0	1	SW <sup>1</sup>	NE <sup>3</sup>	NE <sup>1</sup>	—
5.2	12.8	8.0	8.7	93	97	87	92	3	3	0	2	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—
6.1	14.2	9.8	10.0	96	96	95	96	5	8	8	7	SE <sup>1</sup>	S <sup>1</sup>	SE <sup>1</sup>	—
6.3	16.5	11.2	11.3	94	94	97	95	4	6	10	7	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—
7.2	15.7	9.3	10.7	94	96	73	88	3	3	0	2	NW <sup>1</sup>	SE <sup>2</sup>	E <sup>2</sup>	—
6.2	14.4	10.9	10.5	94	97	95	96	6	5	10	7	NW <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	0.2
8.3	14.5	9.5	10.8	95	98	96	96	7	10	2	6	NW <sup>1</sup>	NW <sup>3</sup>	NW <sup>1</sup>	—
7.0	12.2	8.6	9.3	94	89	100	94	6	10	10	9	NW <sup>1</sup>	NW <sup>6</sup>	SW <sup>1</sup>	1.8
4.8	10.5	7.8	7.7	96	98	94	96	3	7	5	5	W <sup>1</sup>	SW <sup>2</sup>	SW	—
6.0	9.8	7.3	7.7	97	96	94	96	8	10	8	9	NW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	13.8
5.0	9.0	6.9	6.9	92.1	81.5	89.6	87.8	5.0	6.0	4.9	5.3	1.1	2.2	1.3	41.2

Grundwasserstand in Klagenfurt:

K. k. Militärspital	437.064 Meter
Neues Krankenhaus	437.129
Irrenhaus	436.546
Seelandbrunnen	436.547
Friedhofbrunnen	435.927
Wörtherseepegel	441.272
Maximum am 4.—9.	441.278 "
Minimum „ 17., 20. u. 28..	441.258 "

Draupegel an der Hollenburgbrücke: (0 Punkt: 425.890 m) 425.980  
 Maximum am 30. 426.390 Meter, Minimum am 9. u. 13. 425.790 Meter.

Vorläufige Uebersicht der Witterung in Kärnten im März 1897 vom Central-Observatorium in Wien.

XVI.

Stationen	Meter Seehöhe	Luftdruck in Millimeter				Luftwärme in Celsius °					Dunst- druck mm	Feuch- tigkeit %	Nebulnig Revolung	Herr- schender Wind	Niederschlag			Tage			darunter mit							
		Grösster	am	Kleinst.	am	Mittel	Grösste.	am	Kleinste	am					Mittel	Summe	Grösster in 24 h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm		
																											Grösster	am
Unterdraubg.	343	—	—	—	—	20.8	25.	— 4.4	12.	7.0	—	—	5.7	E	62	18	3.	16	5	10	8	1	0	0	0	0		
St. Paul	394	730.1	10.	708.5	29.	721.3	20.0	25.	— 5.4	11.	6.8	6.4	8.3	S	20	10	14.	6	14	11	4	0	0	0	0	0		
St. Andrä	432	—	—	—	—	18.7	25.	— 3.5	11.	6.4	5.0	7.0	5.7	N	24	8	14.	5	12	14	10	0	0	0	0	0		
Kappel a. Dr.	441	—	—	—	—	19.5	25.	— 4.3	5.	6.2	—	—	6.6	SW	72	27	13.	6	7	18	9	2	0	0	0	1		
Klagenfurt I	448	727.6	10.	706.4	29.	719.0	20.1	25.	— 3.7	5.	7.0	6.9	8.8	NW	41	14	31.	10	8	13	9	1	0	0	0	2		
Tultschnig	455	—	—	—	—	20.3	25.	— 5.2	5.	6.0	—	—	6.0	NE	33	10	31.	5	11	15	2	2	0	0	0	1		
Wolfsberg	461	—	—	—	—	19.2	25.	— 2.4	5.	7.3	—	—	—	W	23	9	31.	—	—	—	7	7	7	0	0	1	0	
Saager	486	—	—	—	—	19.2	25.	— 3.0	5.	7.2	—	—	—	—	43	20	31.	—	—	—	7	7	7	1	0	1	0	
Bad Villach	488	—	—	—	—	19.2	25.	— 2.4	5.	5.8	—	—	5.8	—	61	17	13.	—	—	—	8	2	0	0	0	0		
Puch	495	—	—	—	—	20.0	25.	— 3.6	8. u. 9.	5.7	—	—	5.5	W	49	16	13.	8	10	13	11	3	0	0	0	0		
Klagenfurt II	504	—	—	—	—	20.0	25.	— 3.2	5.	6.8	—	—	7.3	W	—	—	—	—	—	—	8	8	1	0	0	0	1	
St. Walburgen	550	—	—	—	—	17.3	24. 28.	— 1.8	5.	6.8	—	—	5.4	S	41	13	31.	5	13	13	6	8	1	0	0	0	0	
Liescha	552	718.0	22.	697.6	29.	710.2	18.5	25.	— 5.0	5.	6.0	—	5.9	W	77	27	3.	3	15	13	11	1	0	0	0	0	0	
Eisenkappel	554	—	—	—	—	18.4	26	— 7.2	5.	6.6	—	—	—	W	86	21	31.	—	—	—	11	1	0	0	0	0	2	
Spittal a. D.	554	717.7	10.	696.6	29.	709.8	21.4	27.	— 3.0	10.	6.0	4.5	6.6	SW	39	21	13.	5	11	15	8	2	0	0	0	4	0	
Pontafel	571	—	—	—	—	18.5	26.	— 1.8	8.	6.0	4.9	7.0	6.3	SW	140	51	13.	7	7	17	4	3	0	0	0	0	0	
Eberstein	640	—	—	—	—	19.2	27.	— 4.6	5.	6.1	—	—	2.9	N	11	7	31.	—	—	—	4	1	0	0	0	0	0	
Gutting	642	—	—	—	—	19.0	25.	— 6.0	12.	4.8	—	—	3.3	NW	34	9	3.	13	11	7	5	0	0	0	0	0	0	
Radweg	692	—	—	—	—	18.8	25.	— 4.2	9.	5.7	—	—	5.1	NW	33	12	13.	8	10	13	6	3	0	0	0	0	7	
Mittewald	697	—	—	—	—	15.5	27.	— 0.2	6.	5.0	—	7.2	5.7	SE	59	19	14.	11	7	13	8	2	1	1	9	0	0	
Greifenburg	713	—	—	—	—	20.2	27.	— 4.2	5.	5.0	—	—	4.3	W	7	7	29.	13	10	8	4	2	1	1	9	0	0	
Gmünd	728	—	—	—	—	19.1	27.	— 2.6	9.	5.3	—	—	7.5	S	65	24	20.	2	8	21	10	3	0	0	0	0	0	
Radenthein	738	—	—	—	—	18.2	25.	— 2.0	10.	5.3	—	—	5.5	—	41	16	13.	10	7	14	9	2	0	0	0	2	0	
Bleiberg	927	687.2	22.	667.1	29.	679.2	16.0	27.	— 5.8	5.	6.1	6.0	8.1	N	99	28	13.	18	2	11	6	3	0	0	0	0	0	
Raibl	981	—	—	—	—	15.4	26.	— 5.0	5.	3.6	—	—	5.6	NW	209	81	13.	10	7	14	7	3	0	0	0	0	0	
Knappenberg.	1045	—	—	—	—	15.0	25.	— 6.3	5.	3.7	—	—	4.0	SW	37	12	31.	14	14	3	11	6	0	0	1	1	0	0
Reichenau	1059	—	—	—	—	15.8	26.	— 7.0	10.	2.4	—	—	5.1	—	30	8	15.	—	—	—	6	3	0	0	0	0	0	
Cornat	1067	681.1	22.	663.1	29.	674.4	14.4	27.	— 4.6	9.	3.4	4.5	7.8	W	114	52	13.	11	10	10	6	3	0	0	1	1	0	0
Teichl	1170	—	—	—	—	15.2	27.	— 5.8	5.	2.8	—	—	5.7	SE	65	26	13.	4	16	11	9	3	0	0	1	0	0	0
St. Peter i. K.	1217	—	—	—	—	14.4	27.	— 7.9	10.	2.3	—	—	5.8	W	59	13	20.	6	10	15	11	8	0	0	0	0	0	0
Stelzing	1410	—	—	—	—	12.0	27.	— 8.2	10.	1.1	—	—	6.6	W	66	22	14.	4	12	15	12	11	1	1	1	3	0	0
Obir	2047	598.0	22.	580.2	13.	590.2	4.9	27.	— 11.0	9.	—	3.1	3.4	91	5.9	W	68	17	3.	5	12	10	10	0	1	1	8	0
Sonnblick	3106	523.7	22.	506.8	13.	515.6	— 2.8	27.	— 20.2	9.	—	10.8	—	92	8.9	SW	230	27	13.	0	4	27	26	26	0	0	0	11

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von  
Monat April 1897 **F. Seeland.**

Tag	Declination zu Klagenfurt					an fremden Stationen		Grundwasser	
	7	2 <sup>h</sup>	9 <sup>h</sup>	Tages- Mittel	Tages- Variation	Kremsmün- ster 9° +	Wien 8° +	Neues Kranken- haus	Seeland- brunnen
	9° + Min				Min.	Minuten		Meter	Seehöhe
1.	19·3	25·3	18·0	20·9	7·3	48 08	27 10	437·110	436·538
2.	21·3	27·3	19·3	22·6	8·0	53·93	30·53	437·110	436·540
3.	17·3	26·7	20·0	21·5	9·4	50 14	26·97	437·100	436·535
4.	18·6	26·7	19·3	21·5	8·1	51·62	28·30	437·090	436·526
5.	18·0	26·0	20·0	21·3	8·0	50 66	27 20	437·090	436·526
6.	19·3	26·0	16·0	20·4	10 0	50·90	29·97	437·090	436·520
7.	17·3	24·0	18·6	20·0	6·7	47 53	26·80	437·080	436·520
8.	19·3	26·0	19·3	21·5	6·7	49·60	27·77	437·080	436·520
9.	18·0	26·0	18·6	20·9	8·0	49·69	27·63	437·090	436·516
10.	19·3	26·0	18·0	21·1	8·0	49 50	26 33	437·070	436·515
11.	18·6	25·3	18·6	20·8	6·7	49 30	27 40	437 070	436 497
12.	18·0	25·3	21·3	21·5	7 3	49 46	27 10	437 070	436 505
13.	22·7	26·7	18·0	22·5	8 7	48 66	27 43	437 060	436 490
14.	20·7	26·0	22·6	23·1	5·3	50·07	28·07	437·050	436 490
15.	17·3	26·0	20·7	21·3	8·7	48 95	26 97	437 060	436 486
16.	20·0	23·4	17 3	20 2	6 1	50 31	24 80	437 060	436 470
17.	21·3	26 7	20 7	22 9	6 0	50 18	29 00	437 060	436 470
18.	18·0	25·3	20·7	21·3	7 3	46 98	26 27	437 060	436 472
19.	17·3	26·7	18 6	20 9	9 4	47 01	26 40	437 050	436 475
20.	17 3	27 3	17 3	20 6	10 0	45 34	26 40	437 030	436 485
21.	18 6	26 7	20 7	22 0	8 1	47 19	26 07	437 030	436 482
22.	18 6	24 7	20 0	21 1	6 1	47 37	26 40	437 040	436 470
23.	18 0	29 3	18 0	21 8	11 3	49 05	27 23	437 030	436 456
24.	17 3	27 3	20 0	21 5	10 0	51 65	25 73	437 030	436 456
25.	20 0	26 0	21 3	22 4	6 0	51 24	27 27	437 020	436 450
26.	20 0	26 0	18 6	21 5	7 4	45 88	25 90	437 030	436 456
27.	19 3	26 0	19 3	21 5	6 7	47 08	24 73	437 020	436 446
28.	18 0	25 3	20 7	21 3	7 3	47 38	26 23	437 030	436 445
29.	18 0	25 3	21 3	21 5	7 3	50 33	26 87	437 030	436 444
30.	20 0	27 3	21 3	22 9	7 3	47 08	26 23	437 030	436 442
31.									
Mittel	18·9	26·1	19 5	21·5	7·8	49 08	27 04	437 059	436 488

Die mittlere magnetische Declination in Klagenfurt war 9° 21'5"; mit dem Maximum 9° 23'1' am 14. und dem Minimum 9° 20'0' am 7.

Die mittlere Tagesvariation betrug 7·8'; mit dem Maximum 11·3' am 23. und dem Minimum 5·3' am 14.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenschein % /o
	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.	10.3	08.4	06.3	08.3	-11.8	5.8	16.2	9.5	10.5	+ 5.2	12	9	29.4
2.	04.1	05.0	06.4	05.2	-13.9	7.2	10.4	6.7	8.1	+ 2.3	12	12	
3.	13.2	13.2	12.9	13.1	- 7.0	3.2	10.6	3.6	5.8	- 0.5	14	8	48.1
4.	10.2	07.8	07.1	08.4	-12.2	1.4	11.6	6.9	6.6	- 0.2	9	10	36.9
5.	11.0	14.3	18.0	14.4	- 6.1	2.4	12.7	7.8	7.6	+ 0.3	9	8	15.4
6.	19.4	16.9	16.2	17.5	- 2.5	0.2	11.6	7.0	6.3	- 1.3	9	7	44.2
7.	17.8	18.7	20.3	18.9	- 1.1	3.4	12.4	7.2	7.7	- 0.2	8	10	3.8
8.	20.5	19.5	20.5	20.2	+ 0.2	5.8	12.2	8.2	8.7	+ 0.7	13	9	24.1
9.	21.9	21.9	23.1	22.3	+ 2.3	6.4	14.3	9.1	9.9	+ 1.8	10	10	60.2
10.	22.0	21.1	21.0	21.4	+ 1.4	4.6	14.4	8.8	9.3	+ 1.1	10	8	58.7
11.	21.0	19.1	20.1	20.1	+ 0.1	2.7	14.0	6.3	7.7	- 0.4	10	8	50.7
12.	19.9	18.7	18.0	18.9	- 1.1	4.5	13.8	8.2	8.8	+ 0.6	9	8	29.1
13.	19.7	19.6	21.8	20.4	+ 0.4	3.4	16.2	9.3	9.6	+ 1.4	8	10	67.4
14.	23.7	23.4	24.7	23.9	+ 3.9	8.3	18.8	10.7	12.6	+ 4.4	10	9	23.5
15.	25.8	24.5	25.8	25.3	+ 5.3	7.4	19.6	11.7	12.9	+ 3.4	6	10	33.8
16.	28.8	28.8	28.8	28.8	+ 8.8	6.2	8.6	6.7	7.2	- 1.2	14	11	
17.	29.4	29.0	28.1	28.8	+ 8.7	6.1	13.7	6.9	8.9	+ 0.3	12	10	14.6
18.	26.3	21.4	17.5	21.7	+ 1.6	2.2	15.0	9.6	8.9	+ 0.1	8	8	12.3
19.	21.0	20.9	18.4	20.1	0.0	5.5	13.6	8.4	9.2	+ 0.1	14	9	70.3
20.	17.2	13.8	12.5	14.5	- 5.6	5.2	16.2	9.4	10.3	+ 0.9	10	9	15.9
21.	15.7	18.3	21.0	18.3	- 1.8	8.0	15.0	6.8	9.9	+ 0.3	10	7	76.4
22.	22.9	20.2	18.9	20.7	+ 0.5	5.0	17.7	12.3	11.7	+ 2.0	9	8	31.9
23.	17.1	16.4	18.9	17.5	- 2.7	8.9	14.7	4.8	9.5	- 0.4	10	12	14.9
24.	18.5	16.3	14.5	16.4	- 3.8	4.6	6.0	4.1	4.9	- 5.3	14	10	
25.	15.4	18.1	20.8	18.1	- 2.1	5.1	11.9	7.2	8.1	- 2.3	13	9	
26.	22.8	22.9	23.9	23.2	+ 3.0	4.8	14.2	12.0	10.3	- 0.3	5	10	31.7
27.	26.1	27.3	28.0	27.1	+ 6.9	11.0	16.0	12.3	13.1	+ 2.4	12	10	
28.	28.3	27.6	28.0	28.0	+ 7.8	11.2	21.6	12.5	15.1	+ 4.4	8	9	43.3
29.	28.3	27.0	27.6	27.6	+ 7.3	11.4	22.3	16.0	16.6	+ 5.9	9	8	37.5
30.	26.8	23.4	21.5	23.9	+ 3.6	12.2	23.2	14.7	16.7	+ 6.1	10	8	81.2
31.													
Mittel	20.17	19.45	19.69	19.79	-0.30	5.80	14.62	8.82	9.75	+1.10	10.2	9.1	31.84
											9.4		

Am 3. das erste Schwarzblättchen, am 5. das erste Branderl, am 8. erstes Gewitter, am 15. erste Schwalben, am 17. Kukur, am 28. abends 8 Uhr Gewitter im Osten, am 30. Temperatur des Wörtherseewassers 16.9° C.

im April 1897

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>		
6.7	13.1	8.5	9.4	97	96	96	96	7	5	10	7	SE <sup>1</sup>	SW <sup>3</sup>	SW <sup>1</sup>	3.6	
5.7	5.9	7.1	6.7	94	63	98	85	10	10	10	10	NW <sup>1</sup>	NW <sup>3</sup>	SW <sup>1</sup>	1.1	
5.5	9.3	5.4	6.4	95	98	92	95	5	3	0	3	W <sup>1</sup>	NW <sup>3</sup>	NE <sup>1</sup>	—	
4.8	9.9	6.9	7.2	94	93	93	95	10	9	0	6	NW <sup>1</sup>	SW <sup>2</sup>	NE <sup>2</sup>	—	
5.2	10.5	7.5	7.7	94	97	94	95	10	8	6	8	NE <sup>1</sup>	NE <sup>5</sup>	NE <sup>4</sup>	—	
4.4	9.9	6.6	7.0	91	98	88	93	0	10	6	5	NE <sup>1</sup>	NE <sup>3</sup>	NE <sup>1</sup>	—	
5.2	10.2	7.4	7.7	95	95	98	96	10	8	10	9	SE <sup>1</sup>	SE <sup>2</sup>	SW <sup>1</sup>	8.3	
6.7	10.1	7.8	8.2	97	96	96	96	10	4	6	7	SW <sup>1</sup>	SE <sup>3</sup>	SE <sup>1</sup>	0.7	7.8
6.7	12.0	8.1	8.9	93	99	95	96	3	4	0	2	NW <sup>1</sup>	NW <sup>2</sup>	NE <sup>1</sup>	—	
5.9	11.4	7.8	8.4	94	94	92	93	3	6	0	3	NW <sup>1</sup>	NE <sup>5</sup>	NE <sup>2</sup>	—	
5.2	7.6	6.7	6.5	93	64	94	84	0	8	0	3	N <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
5.9	11.5	7.8	8.4	94	98	96	96	3	8	6	6	NW <sup>1</sup>	NE <sup>2</sup>	NW <sup>3</sup>	—	
5.4	13.0	8.3	8.9	93	95	95	94	0	4	8	4	NE <sup>1</sup>	NE <sup>3</sup>	NW	—	
7.8	15.7	9.1	10.9	96	97	95	96	8	8	1	6	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	
7.4	16.3	9.8	11.2	96	96	96	96	0	4	10	5	SE <sup>1</sup>	NE <sup>3</sup>	SE <sup>1</sup>	20.0	
6.9	8.1	7.0	7.3	97	98	96	97	10	10	10	10	SW <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	4.6	
6.7	9.4	7.0	7.7	96	81	94	90	10	10	0	7	E <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	—	
5.2	7.7	6.9	7.8	96	61	78	78	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	1.2	
5.6	9.6	4.9	6.7	83	83	60	75	2	0	9	4	W <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>	—	
4.5	5.2	5.9	5.2	68	38	67	58	9	10	2	7	NW <sup>1</sup>	NW <sup>3</sup>	NE <sup>1</sup>	—	
6.0	2.1	5.0	4.4	75	15	63	53	5	3	0	3	NE <sup>1</sup>	NW <sup>5</sup>	NE <sup>1</sup>	—	
4.5	5.2	5.5	5.1	69	35	52	52	0	8	7	5	SE <sup>1</sup>	SW <sup>2</sup>	SW <sup>1</sup>	—	
6.0	6.8	5.0	5.9	71	54	78	68	4	10	10	8	NE <sup>1</sup>	NE <sup>5</sup>	NE <sup>3</sup>	5.0	
4.5	4.5	5.1	4.7	71	65	84	73	10	10	10	10	NE <sup>2</sup>	NE <sup>2</sup>	NE <sup>3</sup>	3.0	
5.5	6.0	6.8	6.1	85	58	90	78	10	10	10	10	NW <sup>1</sup>	NW <sup>2</sup>	NE <sup>1</sup>	—	
5.6	7.0	6.9	6.3	87	58	66	70	10	0	9	6	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>3</sup>	—	
7.8	7.5	8.6	8.0	80	56	82	73	7	10	10	9	W <sup>1</sup>	NW <sup>1</sup>	SE <sup>1</sup>	—	
8.7	8.1	8.3	8.4	88	42	77	69	3	3	0	2	S <sup>1</sup>	SW <sup>3</sup>	SW <sup>1</sup>	—	
7.5	9.0	8.9	8.5	75	45	65	62	3	3	2	3	N <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	7.2	
8.1	8.3	7.7	8.0	76	39	61	57	2	3	0	2	NW <sup>1</sup>	NW <sup>2</sup>	NE <sup>1</sup>	—	
6.11	9.03	7.14	7.45	87.9	73.7	84.5	82.0	5.8	6.6	5.4	6.0	1.0	2.4	1.5	50.5	

Grundwasserstand in Klagenfurt:

K. k. Militärspital	436.954 Meter
Neues Krankenhaus	437.059
Irennhaus	436.483
Seelandbrunnen	436.488
Friedhofbrunnen	435.796
Wörtherseepegel	441.244
Maximum am 2. u. 5.	441.268
Minimum „ 30.	441.228

Draupegel an der Hollenburgbrücke: (0 Punkt: 425.890 m) 426.145 m.  
Maximum am 30. 426.390 Meter, Minimum am 14. 426.010 Meter.

# Vorläufige Uebersicht der Witterung in Kärnten im A

Stationen	Meter Seehöhe	Luftdruck in Millimeter					Luftwärme in Celsius				
		Grösster	am	Kleinste	am	Mittel	Grösste	am	Kleinste	am	
Unterdraubg.	343	—	—	—	—	—	23.0	30.	—	0.4	6.
St. Paul	394	732.2	17.	706.2	2.	722.3	22.5	30.	—	0.2	4.
St. Andrä	432	—	—	—	—	—	21.8	30.	—	0.7	6.
Kappel a. Dr.	441	—	—	—	—	—	22.6	29.	—	0.5	6.
Klagenfurt I	448	729.4	17.	704.0	2.	719.8	23.3	29.	—	0.2	6.
Tultschnig	455	—	—	—	—	—	22.7	30.	—	1.9	6.
Wolfsberg	461	—	—	—	—	—	23.2	30.	—	0.6	6.
Saager	486	—	—	—	—	—	21.8	28.	—	0.4	6.
Bad Villach	488	—	—	—	—	—	20.0	30.	—	0.0	6.
Puch	495	—	—	—	—	—	20.8	30.	—	2.0	6.
Klagenfurt II	504	—	—	—	—	—	22.2	30.	—	1.0	6.
St. Walburgen	550	—	—	—	—	—	20.2	30.	—	1.5	6.
Liescha	552	720.5	17.	694.7	2.	711.0	20.4	30.	—	0.5	6.
Eisenkappel	554	—	—	—	—	—	21.2	30.	—	1.0	6.
Spittal a. D.	554	719.8	17.	695.3	2.	710.1	23.4	30.	—	0.6	6.
Pontafel	571	—	—	—	—	—	21.3	30.	—	3.2	11.
Eberstein	640	—	—	—	—	—	24.8	30.	—	1.0	6.
Guttaring	642	—	—	—	—	—	20.0	30.	—	3.0	6.
Radweg	692	—	—	—	—	—	20.4	30.	—	1.2	6.
Mittewald	697	—	—	—	—	—	16.1	30.	—	2.2	7.
Gmünd	728	—	—	—	—	—	21.2	30.	—	1.6	6.
Hüttenberg	783	702.4	29.	674.9	2.	691.4	20.7	30.	—	0.8	6.
Bleiberg	927	688.3	28.	665.6	2.	680.1	17.4	29.	—	3.1	4.
Oberhof	942	—	—	—	—	—	20.4	30.	—	3.8	6.
Raibl	981	—	—	—	—	—	17.8	30.	—	1.8	6.
Knappenberg	1045	—	—	—	—	—	17.2	30.	—	1.8	6.
Cornat	1067	682.8	23.	660.8	2.	674.6	18.4	30.	—	1.4	6.
Teichl	1170	—	—	—	—	—	18.0	30.	—	1.8	3.
St. Peter i. K.	1217	—	—	—	—	—	17.6	30.	—	2.8	6.
Stelzing	1410	—	—	—	—	—	14.2	30.	—	4.0	6.
Obir	2047	600.9	28.	577.9	2.	591.5	6.1	30.	—	7.6	5.
Sonnblick	3106	527.0	29.	504.7	2.	517.1	1.0	29.	—	20.0	3.

April 1897 vom Central-Observatorium in Wien.

Mittel	Dunst- druck mm	Fench- tigkeit ‰	Bevölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit				
					Summe	Größter in 24 h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm
9.5	—	—	4.7	E	49	20	15.	15	3	12	9	0	0	0	0
9.5	8.1	86	7.2	SW	38	16	15.	1	12	17	7	0	0	1	3
8.6	5.9	71	6.3	N	48	22	15.	4	11	15	12	0	0	1	0
9.0	—	—	6.6	SW	55	25	15.	6	9	15	8	0	0	0	1
9.7	7.4	82	6.0	NE	50	20	15.	8	9	13	9	0	1	2	1
8.6	—	—	6.5	NE	43	19	15.	4	8	19	8	0	0	2	0
9.0	—	—	—	—	44	15	15.	—	—	—	14	0	0	1	1
9.2	—	—	—	—	87	47	15.	—	—	—	8	0	0	0	0
8.2	—	—	6.3	—	51	12	15.	—	—	—	9	0	0	0	0
8.3	—	—	6.2	W	50	9	1.	7	8	15	9	0	0	0	0
8.9	—	—	7.0	E	—	—	—	0	12	18	—	—	—	—	—
8.8	—	—	6.7	W	88	20	15.	6	6	18	9	0	0	0	0
8.1	—	—	6.5	W	65	29	15.	4	12	14	10	0	0	1	0
9.4	—	—	—	W	88	45	15.	—	—	—	9	2	0	0	0
8.8	5.7	68	6.4	SE	83	10	2.	5	13	12	10	0	0	0	2
9.4	5.6	64	7.2	SW	83	36	1.	3	7	20	12	0	0	0	1
8.3	—	—	4.4	N	68	33	23.	—	—	—	5	0	0	1	0
6.8	—	—	4.2	—	88	18	15.	13	7	10	10	0	0	1	0
7.9	—	—	5.7	N	39	16	15.	8	9	13	10	1	1	2	5
7.0	—	70	5.1	NW	90	23	15.	8	11	11	8	0	0	0	0
7.5	—	—	3.4	—	54	—	—	0	6	24	4	0	1	0	0
8.3	—	—	4.9	W	49	18	16.	9	12	9	8	0	0	1	0
8.8	7.3	83	4.1	NW	82	28	7.	18	2	10	8	0	0	0	0
5.4	5.4	73	5.9	N	33	8	15.	9	9	12	10	2	0	1	2
6.1	—	—	6.7	W	133	45	1.	3	10	17	9	6	0	1	0
5.7	5.0	72	4.6	SW	43	14	15.	9	14	7	11	4	1	1	0
5.8	4.9	73	5.9	W	77	29	1.	10	4	16	8	6	0	0	2
4.6	—	—	5.8	SE	63	19	1.	4	14	12	9	0	0	0	1
4.7	—	—	6.4	E	32	10	1	5	10	15	10	1	0	0	0
3.1	—	—	7.0	W	57	17	15.	3	10	17	10	3	0	2	1
1.7	3.7	90	6.4	NE	80	30	15.	4	12	14	11	11	0	0	1
8.2	—	91	8.6	SW	209	28	15.	1	5	24	21	21	0	0	5



# Magnetische Declinations-Beobachtungen zu Klagenfurt

Monat Mai 1897

 von  
**F. Seeland.**

Tag	Declination zu Klagenfurt					an fremden Stationen		Grundwasser	
	7	2 <sup>h</sup>	9 <sup>h</sup>	Tages- Mittel	Tages- Variation	Kremsmün- ster 8° +	Wien 8° +	Neues Kranken- haus	Seeland- brunnen
	9° + Min					Min.	Minuten		Meter Seehöhe
1.	17·3	29·3	20·7	22·4	12·0	48·26	26·17	437·030	436·440
2.	18·6	29·3	16·6	21·5	12·7	52·35	23·87	437·030	436·450
3.	17·3	28·7	18·6	21·5	11·4	52·36	25·77	437·020	436·460
4.	19·3	26·7	21·3	22·4	7·4	50·71	26·07	437·030	436·482
5.	18·6	26·7	20·7	22·0	8·1	45·64	25·93	437·010	436·490
6.	20·3	28·0	20·0	23·1	6·7	50·13	27·20	437·000	436·490
7.	19·3	24·0	19·3	20·9	4·7	49·86	25·80	437·010	436·500
8.	18·0	24·0	20·0	20·7	5·4	49·67	25·30	437·020	436·525
9.	16·6	24·0	20·7	20·4	7·4	48·51	25·23	437·040	436·600
10.	16·6	24·0	22·0	20·9	7·4	46·92	25·50	437·100	436·680
11.	16·6	27·3	20·0	21·3	10·7	49·57	26·53	437·280	436·747
12.	17·3	24·7	20·0	20·7	7·4	50·25	25·83	437·320	436·780
13.	16·6	26·0	19·1	20·6	9·4	50·15	26·10	437·350	436·830
14.	17·3	28·0	18·6	21·3	10·7	51·02	25·50	437·410	436·860
15.	16·6	25·3	19·3	20·4	8·7	50·48	25·93	437·480	436·903
16.	16·6	25·3	18·6	20·2	8·7	50·01	26·00	437·550	436·915
17.	16·0	29·3	16·6	20·6	13·3	46·93	25·47	437·680	437·046
18.	17·3	24·7	20·0	20·7	7·4	46·22	25·50	437·760	437·119
19.	17·3	26·7	18·0	20·7	9·4	51·97	26·07	437·860	437·174
20.	14·7	25·3	19·3	19·8	10·6	51·16	26·53	437·930	437·210
21.	14·7	28·7	20·0	21·1	14·0	52·97	28·40	437·990	437·246
22.	18·0	24·7	20·7	21·1	6·7	50·44	26·00	438·000	437·275
23.	20·7	25·3	19·3	21·8	6·0	49·49	25·03	438·020	437·291
24.	16·6	25·3	18·6	20·2	8·7	46·17	24·20	438·050	437·310
25.	14·6	24·7	17·3	18·9	10·1	47·22	24·03	438·080	437·320
26.	16·6	26·0	16·6	19·7	9·4	50·55	26·10	438·110	437·325
27.	16·0	25·3	20·0	20·4	9·3	49·61	25·57	438·130	437·340
28.	17·3	24·7	18·0	20·0	7·4	50·22	25·70	438·130	437·346
29.	14·7	24·7	18·0	19·1	10·0	49·70	25·90	438·130	437·360
30.	24·0	27·3	18·6	23·3	8·7	52·99	28·93	438·120	437·346
31.	16·6	24·7	19·3	20·2	8·1	50·47	25·37	438·130	437·350
Mittel	17·3	26·1	19·2	20·9	9·0	49·74	25·85	437·550	436·942

Die mittlere magnetische Declination in Klagenfurt war 9° 20·9'; am 30. mit dem Maximum 9° 23·3, am 30. und dem Minimum 9° 18·9' am 25.

Die mittlere Tagesvariation betrug 9·0'; mit dem Maximum 14·0' am 21. und dem Minimum 4·7' am 7.

# 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.	19.8	17.0	16.4	17.7	- 2.7	11.9	22.0	14.5	16.1	+ 5.5	9	8	80.0
2.	17.7	21.2	21.3	20.1	- 0.3	9.4	3.4	3.8	5.5	- 5.1	14	11	
3.	22.9	21.8	20.6	21.8	+ 1.4	4.5	14.2	8.9	9.2	- 0.5	13	8	74.6
4.	21.0	19.7	19.8	20.2	- 0.2	6.5	17.6	14.2	12.8	+ 1.9	10	10	68.5
5.	21.6	20.3	20.1	20.7	+ 0.2	10.6	14.8	9.8	11.7	+ 0.4	12	8	59.2
6.	20.6	19.6	20.5	20.2	- 0.3	7.4	17.2	12.9	12.5	+ 0.9	11	9	51.0
7.	22.8	23.2	23.6	23.2	+ 2.6	5.0	4.6	1.3	3.6	- 7.6	14	12	
8.	23.8	25.0	25.1	24.6	+ 4.0	2.0	5.8	5.0	4.3	- 8.4	14	9	
9.	24.4	22.0	20.2	22.2	+ 1.6	6.6	16.1	11.0	11.2	- 1.9	12	9	51.7
10.	21.2	20.9	19.6	20.6	0.0	10.4	14.1	8.7	11.1	- 2.3	11	8	55.7
11.	17.5	13.8	12.9	14.7	- 6.0	6.3	16.2	12.2	11.6	- 2.1	7	9	39.3
12.	17.7	19.7	19.3	18.9	- 1.8	1.3	4.2	0.8	2.1	-11.7	14	10	
13.	22.4	23.1	22.9	22.8	+ 2.1	2.4	5.8	2.9	3.7	-10.2	12	9	
14.	21.8	21.0	21.2	21.3	+ 0.5	4.2	11.2	7.1	7.5	- 6.3	13	3	3.3
15.	21.3	21.4	20.0	20.9	+ 0.1	3.6	5.2	5.2	4.7	- 9.1	14	8	
16.	18.5	18.3	18.1	18.3	- 2.5	6.6	11.7	10.0	9.4	- 4.5	12	0	
17.	19.8	19.6	19.4	19.6	- 1.3	9.1	16.3	11.1	12.1	- 1.9	7	7	54.1
18.	19.9	18.4	15.8	18.0	- 2.9	9.2	16.2	14.0	13.1	- 0.9	9	8	79.3
19.	16.7	16.5	17.7	17.0	- 3.9	14.1	22.3	15.0	17.1	+ 2.9	9	7	43.8
20.	18.6	18.1	16.4	17.7	- 2.3	12.4	19.2	13.9	15.2	+ 0.9	10	10	27.2
21.	17.8	16.1	15.8	16.6	- 4.4	13.4	21.0	15.5	16.6	+ 2.1	9	9	36.4
22.	15.2	13.3	12.8	13.8	- 7.3	12.0	21.4	15.5	16.2	+ 1.5	8	7	35.7
23.	10.8	10.1	10.6	10.5	-10.6	13.3	19.3	14.2	15.6	+ 0.7	10	11	36.1
24.	11.8	11.7	11.9	11.8	- 9.3	14.6	21.8	17.9	18.1	+ 2.8	9	9	25.8
25.	14.7	13.1	13.9	13.9	- 7.3	14.1	21.4	14.5	16.7	+ 1.3	10	10	36.9
26.	13.5	12.9	12.7	13.0	- 8.2	13.6	15.2	13.6	14.1	- 0.9	12	10	3.8
27.	11.7	10.0	09.0	10.2	-11.0	14.8	16.8	13.7	15.1	- 0.8	12	10	9.0
28.	09.6	10.5	16.0	12.0	- 9.3	10.6	18.0	13.4	14.0	- 2.2	9	9	35.9
29.	21.7	22.1	24.4	22.7	+ 1.4	14.0	23.4	17.0	18.1	+ 1.7	9	8	84.7
30.	25.8	24.2	23.2	24.4	+ 3.1	14.4	23.0	18.2	18.5	+ 1.9	10	9	80.9
31.	23.7	21.7	21.3	22.2	+ 0.9	15.0	23.4	17.2	18.5	+ 1.7	10	9	82.2
Mittel	18.91	18.27	18.15	18.44	-2.34	9.43	15.55	11.39	12.11	-1.73	10.8	8.6	37.23
											9.6		

Am 2. Mittags und Nachmittags Schneien, ohne dass der Schnee in der Thalsole liegen blieb. Schneelinie auf 700 m Seehöhe gesenkt. Am 7. Abends Regnen und Schneien, das andauert; Morgens 26 mm Schneehöhe, — unter dem Schneedruck brechen Bäume.

Am 9. Schneelinie 600 m Seehöhe.

Am 12. Schneien in schweren patzigen Flocken; Bäume brechen; Gewitter. 13. a bis Mittag Schneefall in schweren Flocken, dann Regen. Schnee in der Thalsole.

16. Die Schneelinie 600 m. 19. Wetterleuchten in NE. 31. Wörtherseewasser 19° C Wärme.

im Mai 1897

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>		
7.3	7.9	7.9	7.7	71	40	64	58	0	3	2	2	NE <sup>1</sup>	SW <sup>5</sup>	SW <sup>1</sup>	—	
7.5	5.0	5.2	5.9	87	85	87	86	10	10.*	10	10	NE <sup>1</sup>	NE <sup>1</sup>	SW <sup>1</sup>	52.3.*	
5.4	4.5	6.6	5.5	86	37	77	67	7	0	0	2	W <sup>1</sup>	SE <sup>2</sup>	SE <sup>1</sup>	—	
6.3	6.8	7.9	7.0	87	45	65	66	5	2	10	6	SE <sup>1</sup>	NE <sup>2</sup>	SE <sup>1</sup>	Spur	
4.6	8.5	3.8	5.6	48	68	41	52	5	2	10	6	NE <sup>1</sup>	NE <sup>3</sup>	NE <sup>2</sup>	12	
															21.0	
5.3	5.3	7.0	5.9	69	36	64	56	0	10	10	7	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
5.7	5.3	4.4	5.1	87	84	87	86	10	10	10.*	10	SW <sup>1</sup>	SW <sup>3</sup>	SW <sup>3</sup>	59.2.*	
4.5	5.8	5.9	5.4	85	85	90	87	10.*	10	10	10	SW <sup>1</sup>	SW <sup>2</sup>	NE <sup>1</sup>	5.3.*	26
5.9	6.0	6.8	6.2	81	44	69	65	9	1	10	7	SW <sup>1</sup>	SE <sup>1</sup>	SW <sup>1</sup>	Spur	
6.6	3.4	4.7	4.9	71	29	56	52	7	5	0	4	W <sup>1</sup>	NW <sup>3</sup>	NE <sup>1</sup>	—	
															22.5.*	12
5.0	5.2	6.0	5.4	71	38	56	55	7	4	9	7	SE <sup>1</sup>	NW <sup>5</sup>	SW <sup>1</sup>	—	
4.4	5.0	4.1	4.5	87	80	85	84	10	10.*	0	7	NE <sup>1</sup>	SW <sup>2</sup>	SW <sup>1</sup>	16.0.*	60
4.3	5.4	4.9	4.9	79	79	86	81	10	10.*	10	10	NE <sup>1</sup>	NW <sup>2</sup>	SW <sup>1</sup>	6.3.*	
5.4	3.0	4.8	4.3	87	30	64	60	10	10	10	10	S	NW <sup>4</sup>	SW <sup>1</sup>	9.4	
5.1	5.6	5.9	5.5	87	84	89	87	10	10	10	10	SW <sup>2</sup>	SW <sup>3</sup>	SW <sup>1</sup>	21.8	
															3.1	
6.2	7.7	7.1	7.0	85	75	78	79	10	10	10	10	NW <sup>2</sup>	NE <sup>3</sup>	SE <sup>1</sup>	—	
7.7	6.0	6.7	6.8	91	44	68	68	10	3	0	4	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>2</sup>	—	
8.0	6.0	7.4	7.1	92	44	62	66	0	3	8	4	NE <sup>1</sup>	SE <sup>1</sup>	SE <sup>2</sup>	Spur	
8.3	6.1	9.2	7.9	69	30	72	57	4	4	10	6	NW <sup>2</sup>	SW <sup>4</sup>	SW <sup>1</sup>	Spur	12
9.1	10.1	9.7	9.6	86	61	82	76	10	5	7	7	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>2</sup>	1.3	
															0.9	12
9.4	9.8	9.6	9.6	82	53	74	70	4	3	5	4	SW <sup>1</sup>	SW <sup>3</sup>	SW <sup>1</sup>	—	
9.4	8.5	3.8	7.2	91	45	68	68	10	3	7	7	NE <sup>1</sup>	SW <sup>4</sup>	SW <sup>1</sup>	0.7	
9.4	10.1	10.7	10.1	83	61	90	78	10	10	10	10	NW <sup>1</sup>	SW <sup>3</sup>	SW <sup>1</sup>	1.1	
10.5	8.1	9.5	9.4	85	42	63	63	5	8	8	7	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>2</sup>	—	
7.9	9.1	10.2	9.1	66	48	84	66	2	10	10	7	N <sup>1</sup>	SW <sup>3</sup>	SW <sup>2</sup>	9.4	
															20.6	
8.3	10.8	10.5	9.9	72	84	92	83	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	SE <sup>1</sup>	—	
10.6	9.9	9.9	10.1	85	69	86	80	10	10	10	10	W <sup>1</sup>	SW <sup>3</sup>	W <sup>1</sup>	0.8	
8.1	7.5	9.1	8.2	85	49	80	71	5	10	0	5	NW <sup>1</sup>	NW <sup>5</sup>	NW <sup>1</sup>	—	
8.7	8.4	7.8	8.3	74	39	54	56	0	3	0	1	NW <sup>1</sup>	NW <sup>2</sup>	NE <sup>1</sup>	—	
8.0	8.0	8.9	8.3	65	38	58	54	8	1	3	4	W <sup>1</sup>	NW <sup>1</sup>	NE <sup>3</sup>	—	
8.6	8.1	9.8	8.8	68	38	67	58	0	1	6	2	NE <sup>1</sup>	SE <sup>1</sup>	NE <sup>1</sup>	—	
7.1	7.0	7.3	7.1	79.4	54.3	72.8	68.8	6.7	6.2	6.9	6.6	1.1	2.5	1.3	251.7	86

## Grundwasserstand in Klagenfurt:

K. k. Militärspital	437.764 Meter
Neues Krankenhaus	437.550
Irrenhaus	436.963
Seelandbrunnen	436.942
Friedhofbrunnen	436.225
Wörtherseepegel	441.588
Maximum am 20.	441.788
Minimum „ 5.	441.273

Draupegel an der Hollenburgbrücke: (0 Punkt: 425.890 m) 426.826 m.  
Maximum am 26. u. 27. 427.190 Meter, Minimum am 1. 426.460 Meter.

# Vorläufige Uebersicht der Witterung in Kärnten im Mai

Stationen	Meter Seehöhe	Luftdruck in Millimeter					Luftwärme in Celsius °				
		Größter	am	Klein- st.	am	Mittel	Grösste	am	Klein- ste	am	
Unterdraubg.	343	—	—	—	—	—	24.4	30.	—	1.8	8.
St. Paul	394	728.7	30.	712.3	27.	721.1	23.9	25.	—	1.0	12.
St. Andrä	432	—	—	—	—	—	24.2	31.	—	0.8	12.
Kappel a. Dr.	441	—	—	—	—	—	24.0	31.	—	1.8	12.
Klagenfurt I	448	725.8	30.	709.0	27.	718.4	23.4	29 u. 31.	—	0.8	12.
Tultschnig	455	—	—	—	—	—	24.1	29.	—	0.0	12.
Wolfsberg	461	—	—	—	—	—	25.0	30.	—	1.4	12.
Saager	486	—	—	—	—	—	23.2	31.	—	0.8	12.
Bad Villach	488	—	—	—	—	—	20.8	30.	—	0.2	12.
Puch	495	—	—	—	—	—	22.7	31.	—	0.8	12.
Klagenfurt II	504	—	—	—	—	—	23.2	31.	—	0.0	7.
St. Walburgen	550	—	—	—	—	—	23.0	31	—	2.6	13.
Liescha	552	716.8	30.	700.7	23.	709.9	23.8	31.	—	0.3	12.
Eisenkappel	554	—	—	—	—	—	24.2	31.	—	0.8	12.
Spittal a. D.	554	717.4	28.	701.0	23.	709.7	23.9	31.	—	0.2	13.
Pontafel	571	—	—	—	—	—	24.4	30.	—	0.8	12.
Eberstein	640	—	—	—	—	—	27.2	30.	—	0.6	13.
Glanhofen	636	—	—	—	—	—	19.6	31.	—	0.4	12.
Guttaring	642	—	—	—	—	—	27.0	27.	—	1.9	13.
Radweg	692	—	—	—	—	—	22.4	19.	—	0.0	12. u. 13.
Mittewald	697	—	—	—	—	—	18.8	31.	—	2.4	7.
Greifenburg	713	—	—	—	—	—	23.4	31.	—	0.2	13.
Gmünd	728	—	—	—	—	—	21.6	24.	—	1.8	13.
Radenthein	738	—	—	—	—	—	21.5	30.	—	1.1	12
Hüttenberg	783	698.9	30.	679.6	27.	690.9	24.0	24.	—	0.0	13.
Eberndorf	482	—	—	—	—	—	22.2	31.	—	0.0	13.
Bleiberg	927	685.4	30.	670.9	28.	679.0	20.1	31.	—	1.4	12
Oberhof	942	—	—	—	—	—	20.8	31.	—	0.6	12.
Raibl	981	—	—	—	—	—	21.0	30.	—	2.6	12.
Knappenberg.	1045	—	—	—	—	—	20.8	31.	—	1.6	13.
Reichenau	1059	—	—	—	—	—	20.0	31.	—	1.8	13.
Cornat	1067	680.6	30.	665.8	27.	676.6	20.6	31.	—	3.0	13.
Teichl	1170	—	—	—	—	—	18.2	31.	—	5.4	12.
St. Peter i. K.	1217	—	—	—	—	—	19.4	31.	—	4.3	12.
Stelzing	1410	—	—	—	—	—	18.0	30.	—	5.0	12
Obir	2047	598.9	30.	585.0	28.	591.4	9.4	31.	—	8.1	12.
Sonnblick	3106	525.9	29.	511.2	12.	517.8	2.0	26.	—	18.4	12.

# 1897 vom Central-Observatorium in Wien.

Mittel	Dunst-	Feuch-	Nebölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit				
	druck	tigkeit			Summe	Grösster in 24 h	am	h. heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm
	mm	o/o													
11.4	—	—	5.2	W	258	55	2.	14	5	12	20	4	0	1	0
12.1	9.7	86	7.0	S	175	40	2.	3	10	18	15	7	0	2	0
11.1	7.3	74	6.3	N	186	43	2.	6	10	15	21	2	0	4	0
11.1	—	—	7.3	SW	323	92	7.	3	6	22	19	5	0	0	0
9.1	7.1	69	6.6	SW	252	59	7.	4	9	18	17	6	0	2	0
11.1	—	—	7.4	NE	244	59	7.	1	9	21	18	3	0	3	0
11.8	—	—	—	—	185	37	2.	—	—	—	20	6	1	4	0
11.3	—	—	—	—	350	75	7.	—	—	—	17	5	0	0	0
10.2	—	—	7.0	—	199	75	7.	—	—	—	11	2	0	0	0
10.5	—	—	6.6	W	263	72	7.	5	6	20	19	6	0	4	1
11.6	—	—	7.2	SW	—	—	—	0	13	18	16	4	0	0	2
10.8	—	—	6.7	W	141	29	12.	6	6	19	13	5	0	0	0
10.5	—	—	6.6	W	277	61	2.	5	12	14	19	4	0	3	0
11.0	—	—	—	W	337	68	7.	—	—	—	20	7	0	0	0
11.2	7.0	70	6.8	SE	105	20	7.	3	11	17	13	2	0	1	0
11.2	6.7	65	7.1	NE	302	83	7.	2	10	19	19	4	0	4	0
10.9	—	—	5.7	N	108	28	2.	—	—	—	12	1	0	1	0
9.2	—	—	6.7	SW	231	37	2.	3	9	19	9	3	0	1	0
8.7	—	—	5.2	—	133	18	2	12	6	13	13	0	0	4	0
10.2	—	—	6.7	N	217	55	7.	3	10	18	19	6	0	5	3
9.8	—	76	7.0	SW	250	79	7.	5	4	22	9	7	0	0	0
11.5	—	—	6.2	N	206	44	7.	7	5	19	8	3	0	2	0
8.9	—	—	8.0	—	41	20	12.	—	—	—	9	4	0	0	0
10.0	—	—	7.2	—	156	33	7.	5	7	19	14	4	0	0	0
11.8	—	—	5.5	W	126	23	12	5	17	9	12	1	0	1	0
11.2	—	—	7.8	SW	104	50	9.	—	—	—	10	3	0	0	0
10.9	8.7	84	5.0	NW	341	78	7.	13	6	12	10	7	0	0	0
9.4	6.8	74	6.6	N	105	16	26.	6	7	18	16	7	1	2	0
8.4	—	—	6.8	W	396	100	7.	4	9	18	17	7	0	1	0
8.6	6.0	72	5.1	SE	127	20	7.	7	16	8	17	6	0	2	1
7.7	—	—	7.8	—	147	24	1.	5	0	26	17	4	0	0	0
8.4	7.1	84	6.3	N	229	102	7.	9	8	14	12	5	0	0	0
7.1	—	—	6.7	SE	181	43	7.	3	10	18	13	6	0	1	0
7.6	—	—	5.4	W	124	26	6.	3	12	16	12	5	0	1	0
5.5	—	—	—	SE	185	33	7.	1	8	22	19	9	0	0	0
0.2	4	—	—	NW	416	65	2.	5	7	19	21	12	0	1	7
6.5	—	—	—	NE	219	29	7.	0	5	26	24	24	0	0	7

# Magnetische Declinations-Beobachtungen zu Klagenfurt

Monat Juni 1897

 von  
**F. Seeland.**

Tag	Declination zu Klagenfurt					an fremden Stationen		Grundwasser	
	7	2 <sup>h</sup>	9 <sup>h</sup>	Tages- Mittel	Tages- Variation	Kremsmün- ster 8° +	Wien 8° +	Nenes Kranken- haus	Seeland- brunnen
	9° + Min				Min.	Minuten		Meter	Seehöhe
1.	18·6	25·3	19·3	21·1	6·7	48·85	25·57	438·100	437·350
2.	17·3	25·3	18·6	20·4	8·0	48·35	25·30	438·110	437·352
3.	15·3	25·3	18·0	19·5	10·0	48·18	25·17	438·100	437·350
4.	17·3	26·7	20·0	21·4	9·4	50·05	27·30	438·090	437·350
5.	18·6	26·7	20·0	21·8	8·1	49·55	28·37	438·080	437·345
6.	19·3	25·3	20·0	21·5	6·0	48·34	24·67	438·070	437·345
7.	17·3	24·0	19·3	20·2	6·7	49·11	25·13	438·060	437·345
8.	16·6	25·3	20·7	20·9	8·7	50·49	25·07	438·050	437·340
9.	18·0	22·0	20·0	20·0	4·0	49·93	24·87	438·050	437·340
10.	17·3	24·7	19·3	20·4	7·4	50·74	25·30	438·050	437·345
11.	17·3	25·3	19·3	20·6	8·0	50·30	26·10	438·050	437·345
12.	17·3	24·0	20·0	20·4	6·7	47·50	24·70	438·040	437·334
13.	17·3	25·3	18·6	20·4	8·0	49·63	24·83	438·030	437·330
14.	19·3	24·7	20·0	21·4	5·4	47·59	25·00	438·020	437·330
15.	18·0	26·0	19·3	21·1	8·0	47·56	25·43	438·010	437·325
16.	18·6	23·4	16·6	19·5	6·8	49·00	26·23	438·000	437·323
17.	17·3	23·4	19·3	20·0	6·1	47·37	25·20	437·990	437·322
18.	18·6	24·7	18·0	20·6	6·7	48·56	26·10	437·980	437·337
19.	17·3	24·0	19·3	20·2	6·7	50·20	24·93	437·970	437·338
20.	16·6	24·7	20·0	20·4	8·1	49·30	25·00	437·960	437·345
21.	17·3	24·7	20·0	20·7	7·4	49·18	24·57	437·950	437·345
22.	18·0	25·3	18·6	20·6	7·3	48·40	24·80	437·950	437·345
23.	16·0	24·7	18·6	19·8	8·7	46·85	24·00	437·950	437·344
24.	18·0	24·7	18·6	20·4	6·7	48·19	25·17	437·950	437·344
25.	17·3	25·3	17·3	20·0	8·0	46·66	25·47	437·940	437·340
26.	16·6	24·0	19·3	20·0	7·4	48·94	25·50	437·940	437·335
27.	16·6	24·7	18·6	20·0	8·1	49·29	25·47	437·930	437·337
28.	18·0	24·7	18·6	20·4	6·7	50·31	25·00	437·920	437·350
29.	17·3	24·7	18·6	20·2	7·4	48·71	25·47	437·920	437·370
30.	17·3	25·3	19·3	20·6	8·0	47·27	24·67	437·910	437·395
31.									
Mittel	17·5	24·8	19·1	20·5	7·4	48·81	25·34	438·006	437·344

Die mittlere magnetische Declination in Klagenfurt war 9° 20·5'; mit dem Maximum 9° 21·4' am 14. und dem Minimum 9° 19·5' am 3. und 16.

Die mittlere Tagesvariation betrug 7·4'; mit dem Maximum 10·0' am 3. und dem Minimum 4·0' am 9.

# Meteorologische Beobachtungen zu Klagenfurt

Tag	Luftdruck Millim. 700 +					Luftwärme Celsius °					Ozon		Sonnenscheit %
	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.	22.1	20.1	22.0	21.4	+ 0.1	15.5	24.8	19.1	19.8	+ 2.9	10	8	80.4
2.	24.0	22.1	21.9	22.7	+ 1.3	17.4	26.4	19.7	21.2	+ 4.1	10	8	82.3
3.	23.5	21.5	21.6	22.2	+ 0.8	18.4	25.3	17.8	20.5	+ 3.3	10	8	65.1
4.	21.6	18.7	19.2	19.8	- 1.5	16.8	24.6	17.6	19.7	+ 2.4	13	10	66.5
5.	19.9	19.3	20.4	19.9	- 1.6	16.1	23.8	16.5	18.8	+ 1.4	9	11	14.4
6.	21.0	20.0	21.3	20.8	- 0.8	14.4	25.3	19.1	19.6	+ 2.2	11	11	55.3
7.	21.2	19.7	21.4	20.8	- 0.8	17.8	26.4	16.0	20.1	+ 2.7	10	10	45.9
8.	21.9	20.1	20.9	21.0	- 0.6	14.8	25.0	18.0	19.3	+ 1.8	10	9	47.2
9.	20.4	17.9	19.9	19.4	- 2.2	17.0	24.4	14.5	18.6	+ 1.1	9	11	15.7
10.	20.6	21.0	23.0	21.5	- 0.9	13.4	19.8	16.3	16.5	- 1.0	14	11	39.6
11.	26.3	27.0	28.9	27.4	+ 5.7	14.8	19.6	15.0	16.5	- 1.0	9	8	76.2
12.	29.9	29.0	29.5	29.5	+ 7.8	11.4	20.6	15.5	15.8	- 1.7	10	8	28.8
13.	30.1	28.3	28.1	28.8	+ 7.1	13.7	22.3	17.4	17.8	+ 0.4	9	9	88.1
14.	28.4	26.1	25.6	26.7	+ 5.0	15.8	23.4	17.0	18.7	+ 1.3	9	8	92.5
15.	25.9	23.3	23.5	24.2	+ 3.4	15.5	26.6	22.4	21.5	+ 4.1	7	4	72.0
16.	24.9	21.9	20.2	22.3	- 0.5	17.4	24.6	20.6	20.9	+ 3.5	10	10	57.5
17.	20.1	17.9	18.2	18.7	- 3.1	19.0	25.0	16.5	20.2	+ 2.8	7	9	50.1
18.	24.3	23.4	23.3	23.7	+ 1.9	8.6	13.6	11.0	11.1	- 6.3	14	11	6.9
19.	18.7	19.7	21.3	19.9	- 2.0	12.0	8.3	6.3	8.9	- 8.7	8	10	5.6
20.	21.2	19.0	19.1	19.8	- 2.1	8.7	18.4	11.9	13.0	- 4.8	14	11	57.5
21.	21.1	22.0	24.3	22.5	+ 1.4	13.2	20.3	15.0	16.2	- 1.7	9	10	28.8
22.	26.4	26.4	27.3	26.7	+ 4.8	15.6	20.7	16.3	17.5	- 0.5	9	10	79.3
23.	27.5	27.0	26.6	27.0	+ 5.0	13.7	22.4	17.3	17.8	- 0.4	11	9	90.6
24.	27.1	24.6	23.9	25.2	+ 3.3	16.9	23.6	19.8	20.1	+ 1.9	9	9	88.1
25.	24.4	21.6	21.6	22.5	+ 0.5	18.0	27.6	24.7	23.4	+ 5.1	9	8	91.2
26.	23.2	21.9	19.9	21.7	- 0.3	20.5	28.4	20.9	23.3	+ 4.9	8	8	53.7
27.	24.6	22.7	22.8	23.4	+ 1.4	19.7	27.3	20.7	22.6	+ 4.2	10	9	67.5
28.	24.8	24.9	26.0	25.2	+ 3.2	19.0	23.0	19.2	20.4	+ 2.0	9	8	85.6
29.	27.0	25.4	25.6	26.0	+ 4.0	19.2	26.7	21.3	22.4	+ 4.1	9	8	91.2
30.	24.6	23.1	22.1	23.3	+ 1.2	21.6	25.7	25.0	24.1	+ 5.9	6	6	65.6
31.													
Mittel	23.89	22.53	22.98	23.13	+1.42	15.86	23.13	17.61	18.88	+1.21	9.7	9.0	57.94
											9.3		

Am 2. Temperatur des Wörthersee's 22° C.

Am 18. Neuschnee bis 1200 m Seehöhe. Am 20. Neuschnee bis 1100 m Seehöhe herab.

im Juni 1897

Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag	Schnee- höhe
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>		
9.9	7.0	10.3	9.1	76	30	63	56	3	1	9.	4	SW <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	0.2.	⌒
10.5	8.7	11.3	10.2	71	34	66	57	0	1	0	0	NE <sup>1</sup>	NW <sup>3</sup>	NE <sup>1</sup>	—	—
10.9	14.5	13.0	12.3	69	61	86	72	0	8	10	6	W <sup>1</sup>	NE <sup>5</sup>	SE <sup>1</sup>	5.6.	⌒
11.9	14.9	12.9	13.2	83	65	86	78	7	3	9	6	NW <sup>1</sup>	NE <sup>2</sup>	SE <sup>1</sup>	1.8.	⌒
11.5	9.8	11.9	11.1	84	45	85	71	9	8	7	8	W <sup>1</sup>	NW <sup>3</sup>	NE <sup>2</sup>	1.8.	—
10.7	10.9	13.1	11.6	83	46	80	70	10≡	7	9.	9	NE <sup>1</sup>	NE <sup>3</sup>	SE <sup>1</sup>	0.2.	—
11.9	10.7	12.1	11.6	78	42	81	67	9≡	5	4	6	NW <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>	1.6.	⌒
11.0	20.9	12.3	14.7	88	87	80	85	10≡	5	9	8	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>2</sup>	0.6.	⌒
11.6	12.4	11.1	11.7	81	55	91	76	5	10	10.	8	NE <sup>1</sup>	SE <sup>1</sup>	NE <sup>2</sup>	34.6.	⌒
10.1	13.8	10.8	11.6	89	80	78	82	7	8.	8	8	SW <sup>1</sup>	NW <sup>1</sup>	NW <sup>2</sup>	2.1.	⌒
10.9	14.7	11.3	12.3	87	87	89	88	5	4	0	3	SW <sup>2</sup>	NE <sup>3</sup>	NE <sup>3</sup>	—	—
7.1	17.2	12.7	12.3	71	94	97	87	1	5	9	5	NE <sup>1</sup>	SE <sup>3</sup>	NE <sup>1</sup>	—	—
8.4	6.2	8.1	7.6	72	31	55	53	1	0	0	0	SE <sup>1</sup>	SE <sup>1</sup>	NE <sup>2</sup>	—	—
8.1	8.6	5.1	7.3	61	40	35	45	0	0	0	0	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	—
9.6	9.5	10.1	9.7	74	37	50	54	2	1	10.	4	SE <sup>1</sup>	NE <sup>1</sup>	SW <sup>5</sup>	18.6.	⌒
13.3	12.4	11.8	12.5	90	54	65	70	0≡	2	3	2	E <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	—
11.1	9.5	11.9	10.8	68	40	85	64	3	5	10.	6	SE <sup>1</sup>	SW <sup>6</sup>	SW <sup>2</sup>	31.3.	⌒
7.0	6.4	8.3	7.2	84	55	85	75	10≡	10	0	7	W <sup>1</sup>	NW <sup>2</sup>	NW <sup>1</sup>	3.1	—
8.7	7.6	5.8	7.4	84	93	81	86	10≡	10.	10	10	W <sup>1</sup>	SE <sup>2</sup>	NW <sup>2</sup>	24.8.	⌒
6.5	5.3	8.1	6.6	77	34	79	63	3	9	10	7	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	1.3.	—
8.5	9.2	7.4	8.4	75	52	58	62	8	7	10	8	SW <sup>1</sup>	NE <sup>3</sup>	NW <sup>1</sup>	—	—
8.5	5.4	6.3	6.7	64	30	46	47	4	3	0	2	NE <sup>1</sup>	NE <sup>5</sup>	NE <sup>3</sup>	—	—
7.9	8.5	9.6	8.7	68	42	66	59	0	1	0	0	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>3</sup>	—	—
10.1	9.5	10.9	10.2	71	44	63	59	0	0	0	0	N <sup>1</sup>	NE <sup>3</sup>	NE <sup>3</sup>	—	—
11.2	8.9	11.3	10.5	73	33	49	52	0	1	0	0	SE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	—
13.2	11.9	12.7	12.6	74	41	69	61	2	8	6	5	NW <sup>1</sup>	NE <sup>1</sup>	SE <sup>1</sup>	—	⌒
11.1	14.3	9.8	11.7	65	54	54	58	0	10	2	4	NE <sup>1</sup>	SW <sup>3</sup>	SW <sup>1</sup>	—	—
10.8	10.9	12.8	11.5	66	53	77	65	3	10.	0	4	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	—
11.1	11.6	11.8	11.5	67	54	63	58	0	1	0	0	NW <sup>1</sup>	NW <sup>3</sup>	NW <sup>1</sup>	—	—
14.1	14.7	16.0	14.9	74	60	68	67	0	0	2	1	NE <sup>1</sup>	SW <sup>1</sup>	NE <sup>3</sup>	Spur	⌒
10.24	10.86	10.69	10.60	75.6	52.1	71.0	66.2	3.7	4.8	4.6	4.4	1.0	2.3	1.6	126.6	—

Grundwasserstand in Klagenfurt:

K. k. Militärspital	438.054 Meter
Neues Krankenhaus	438.006
Irrenhaus	437.403
Seelandbrunnen	437.344
Friedhofbrunnen	436.443
Wörtherseepegel	441.603
Maximum am 1.	441.698
Minimum , 30.	441.528

Draupegel an der Hollenburgbrücke: (0 Punkt: 425.890 m) 427.145 m.  
Maximum am 10. 427.490 Meter, Minimum am 24. 426.420 Meter.



# Vorläufige Uebersicht der Witterung in Kärnten im Juni 1897 vom Central-Observatorium in Wien.

XXVIII.

Stationen	Meter Seehöhe	Luftdruck in Millimeter					Luftwärme in Celsius °					Dunst- druck mm	Feuch- tigkei- t %	Nebel- dau- er h.	Herr- schender Wind	Niederschlag			Tage			darunter mit				
		Grösster	am	Klein- st.	am	Mittel	Grösste.	am	Klein- ste	am	Mittel					Summe	Grösster in 24 h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm
Unterdraubg.	343	—	—	—	—	33.0	26.	6.2	19.	17.5	—	—	1.2	E	138	47	19.	14	11	5	9	0	0	2	0	
St. Andrä	432	—	—	—	—	29.7	30.	6.8	19.	16.8	10.4	73	4.5	N	72	17	17.	7	16	7	14	0	0	9	0	
Kappel a. Dr.	441	—	—	—	—	32.4	30	6.5	19.	17.5	—	—	4.6	NE	129	47	17.	10	12	8	14	0	0	6	1	
Klagenfurt I	448	730.1	13.	717.9	9. 17.	723.1	28.4	26.	6.3	19.	18.5	10.6	66	4.4	NE	128	35	9.	10	10	10	14	0	0	11	2
Tultschnig	455	—	—	—	—	32.2	30.	5.4	19.	17.2	—	—	4.8	E	144	35	15.	9	7	14	16	0	1	12	0	
Wolfsberg	461	—	—	—	—	31.7	30.	7.2	19.	17.6	—	—	—	—	75	18	17.	—	—	—	14	0	0	9	1	
Saager	486	—	—	—	—	29.0	30.	6.0	20.	17.8	—	—	—	—	144	50	9.	—	—	—	9	0	0	0	0	
Bad Villach	488	—	—	—	—	27.0	30.	4.6	19.	13.2	—	—	3.7	—	66	31	9.	—	—	—	7	0	0	2	0	
Puch	495	—	—	—	—	30.4	30.	4.0	20.	16.9	—	—	4.4	E	146	55	17.	11	9	10	12	0	0	10	0	
Klagenfurt II	504	—	—	—	—	33.2	30.	4.0	19.	18.0	—	—	6.9	E	—	—	—	—	—	—	—	—	—	—	—	
St. Walburgen	550	—	—	—	—	27.5	30.	6.0	20	15.7	—	—	4.7	W	141	30	17.	10	11	9	13	0	0	5	0	
Liescha	552	721.9	11.	709.6	17.	714.9	31.1	30.	5.0	19.	16.7	—	4.6	NE	145	62	17.	10	13	7	10	0	1	10	1	
Eisenkappel	554	—	—	—	—	30.3	30.	4.6	19.	18.0	—	—	—	W	140	50	9.	—	—	—	14	0	0	2	0	
Spittal a. D.	554	720.7	13.	708.5	9.	713.9	28.4	25.	5.2	19.	16.8	10.1	70	4.6	S	68	20	9.	10	11	9	11	0	1	3	0
Pontafel	571	—	—	—	—	30.7	30.	5.2	19.	17.9	9.1	58	4.2	NE	175	66	8.	11	12	7	12	0	1	10	1	
Eberstein	640	—	—	—	—	31.2	30.	7.8	20.	17.4	—	—	4.2	N	139	29	18.	—	—	—	11	0	0	7	0	
Radweg	692	—	—	—	—	28.2	30.	3.6	19.	16.2	—	—	4.4	N	180	37	15	10	9	11	15	0	1	14	3	
Mittewald	697	—	—	—	—	30.5	30.	6.6	19.	17.9	—	73	4.1	SE	92	35	17.	15	4	11	5	0	0	3	0	
Gmünd	728	—	—	—	—	30.5	30.	6.2	19.	15.1	—	—	5.6	—	71	15	17.	—	—	—	10	0	0	5	0	
Hüttenberg	783	704.2	13.	691.3	19.	696.3	30.2	30.	6.7	20.	17.4	—	3.8	N	101	33	18.	12	12	6	6	0	1	4	0	
Bleiberg	927	689.7	12.	678.0	19.	684.0	29.8	30.	5.8	18.	17.8	13.7	87	3.3	SE	137	35	17.	19	6	5	0	0	1	0	
Oberhof	942	—	—	—	—	27.3	25.	5.0	19.	15.5	9.0	70	4.5	E	83	10	9.	12	9	9	12	0	1	7	2	
Raibl	981	—	—	—	—	29.2	30.	2.4	19.	15.8	—	—	3.7	SE u. SW	175	80	17.	15	8	7	6	2	0	6	0	
Knappenberg	1045	—	—	—	—	26.3	27.	4.2	19.	14.7	8.6	69	3.6	SW	120	47	17.	14	14	2	16	0	2	13	1	
Reichenau	1059	—	—	—	—	28.8	30.	4.0	17.	13.5	—	—	4.9	N	176	26	17.	11	6	13	13	0	0	4	0	
Cornat	1067	684.0	12.	673.2	19.	679.0	28.6	30.	1.2	19.	15.5	9.5	70	3.4	N	96	22	17.	16	9	5	13	1	1	6	0
Teichl	1170	—	—	—	—	26.8	30.	1.6	19.	13.8	—	—	4.8	SE	109	33	17.	10	12	8	14	0	1	7	2	
St. Peter i. K.	1217	—	—	—	—	28.2	30.	3.7	19.	13.7	—	—	4.7	N	76	21	26.	10	9	11	12	0	1	7	0	
Stelzing	1410	—	—	—	—	22.6	30.	2.2	19.	11.8	—	—	5.7	SW	113	24	9.	5	13	12	16	2	0	0	1	
Obir	2047	602.7	30.	591.0	19.	598.3	21.3	30.	— 4.3	19.	7.4	6.5	84	4.3	N	142	54	9.	13	12	5	12	3	0	13	4
Sonnblick	3106	532.2	30.	517.3	19.	525.6	10.0	30.	— 15.8	19.	— 0.2	—	90	7.1	NE	105	27	19.	5	8	17	15	7	2	2	5

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von  
**F. Seeland.**

Monat Juli 1897.

Tag	Declination zu Klagenfurt					an freunden Stationen		Grundwasser	
	7	2 <sup>h</sup>	9 <sup>h</sup>	Tages- Mittel	Tages- Variation	Kremsmün- ster 8 <sup>o</sup> +	Wien 8 <sup>o</sup> +	Neues Kranken- haus	Seeland- brunnen
	9 <sup>o</sup> + Min				Min.	Minuten		Meter	Seehöhe
1.	17·3	26·0	18·6	20·6	9·7	49·84	25·93	437·910	437·420
2.	17·3	26·7	18·6	20·9	9·4	49·57	25·87	437·900	437·440
3.	17·3	26·0	18·0	20·4	8·7	49·04	25·40	437·890	437·455
4.	16·6	25·3	18·6	20·2	8·7	51·43	24·87	437·880	437·429
5.	16·6	25·3	18·0	20·0	8·7	50·04	26·00	437·870	437·430
6.	19·3	24·7	22·7	22·2	5·4	45·14	25·37	437·860	437·410
7.	19·3	24·7	18·0	20·7	6·7	42·35	24·47	437·850	437·400
8.	17·3	24·7	18·6	20·2	7·4	45·00	25·33	437·840	437·385
9.	17·3	24·0	18·6	20·0	6·7	44·38	27·43	437·830	437·380
10.	18·0	25·3	19·3	20·3	7·3	43·70	25·43	437·820	437·370
11.	17·3	24·7	18·6	20·2	7·4	45·03	24·97	437·810	437·365
12.	17·3	25·3	19·3	20·7	8·0	37·28	24·40	437·800	437·360
13.	18·0	24·7	24·0	22·2	6·7	47·45	25·57	437·790	437·339
14.	18·0	30·7	18·6	22·4	12·7	46·62	25·50	437·780	437·330
15.	17·3	29·3	20·0	22·2	12·0	46·36	25·27	437·770	437·320
16.	16·6	28·0	22·0	22·2	11·4	47·91	25·07	437·760	437·317
17.	17·3	27·3	20·7	21·8	10·0	49·30	25·33	437·750	437·297
18.	18·6	28·7	20·7	22·7	10·1	47·22	24·60	437·740	437·285
19.	18·0	27·3	20·0	21·8	9·3	48·27	25·50	437·730	437·260
20.	18·6	27·3	22·7	22·9	9·7	46·22	25·17	437·720	437·263
21.	17·3	25·3	23·4	22·0	12·0	46·83	25·13	437·710	437·252
22.	21·3	28·0	22·0	23·8	6·7	45·81	25·70	437·700	437·250
23.	18·0	27·3	20·7	22·0	9·3	46·72	24·33	437·090	437·246
24.	17·3	26·7	20·7	21·6	9·4	47·35	25·20	437·680	437·242
25.	17·3	26·7	20·0	21·3	9·4	46·08	25·70	437·670	437·227
26.	18·6	26·0	18·6	21·1	7·4	45·68	24·73	437·660	437·217
27.	17·3	27·3	18·6	24·1	8·7	45·37	23·87	437·650	437·210
28.	18·0	27·3	21·3	22·2	9·3	46·70	25·07	437·640	437·210
29.	18·0	26·0	19·3	21·1	8·0	44·63	23·80	437·630	437·210
30.	18·6	31·3	21·3	23·7	12·7	45·08	26·33	437·620	437·220
31.	30·7	26·7	14·0	23·8	16·7	49·76	25·83	437·610	437·215
Mittel	18·6	26·6	19·8	21·7	9·2	46·52	25·19	437·760	437·314

Die mittlere magnetische Declination in Klagenfurt war 9° 21·7'; mit dem Maximum 9° 23·8' am 22. und 31., und dem Minimum 9° 20·0' am 5.

Die mittlere Tagesvariation betrug 9·2'; mit dem Maximum 16·7' am 31. und dem Minimum 5·4' am 6. Am 30. und 31. Störungen.

# 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.	23.1	20.1	21.7	21.6	- 0.5	23.1	32.8	23.6	26.5	+ 8.4	9	8	78.7
2.	22.3	21.4	22.9	22.2	+ 0.1	21.8	32.2	22.8	25.6	+ 7.5	8	8	71.8
3.	22.5	20.1	20.6	21.1	- 1.0	22.0	32.7	22.1	25.6	+ 7.5	10	8	49.6
4.	19.9	16.0	19.5	18.5	- 3.6	21.4	29.7	21.3	24.1	+ 5.8	8	9	52.8
5.	23.4	22.8	23.1	23.1	+ 1.0	17.0	22.0	17.0	18.7	+ 0.3	11	10	68.5
6.	25.0	23.0	22.1	23.4	+ 1.2	16.1	24.0	19.9	20.0	+ 1.4	10	10	83.0
7.	22.3	19.9	19.4	20.5	- 1.7	18.7	28.7	22.6	23.3	+ 4.8	9	10	86.1
8.	21.1	20.6	21.0	20.9	- 1.3	20.8	29.8	23.1	24.6	+ 6.2	8	8	72.8
9.	23.6	23.0	19.7	22.1	- 0.1	21.4	28.2	21.0	23.5	+ 5.2	8	10	68.3
10.	25.4	23.8	25.3	24.8	+ 2.6	21.6	26.0	19.7	22.4	+ 4.2	9	9	26.0
11.	25.6	24.7	25.1	25.1	+ 2.9	20.0	26.5	20.6	22.4	+ 4.2	9	8	60.5
12.	26.3	24.3	24.5	25.1	+ 2.8	17.6	22.7	18.1	19.5	+ 1.1	10	8	78.9
13.	23.0	21.1	20.3	21.5	- 0.8	16.4	23.4	17.7	19.2	+ 0.7	12	9	17.8
14.	21.0	19.1	19.4	19.8	- 2.5	14.6	20.4	15.4	16.8	- 2.2	9	10	29.3
15.	19.5	17.6	17.7	18.3	- 4.0	14.7	23.0	17.5	18.4	- 0.9	10	9	28.8
16.	18.4	18.1	19.5	18.7	- 3.6	19.4	25.4	19.7	21.5	+ 2.0	9	10	48.1
17.	19.7	20.4	19.6	19.9	- 2.4	16.0	21.7	16.4	18.0	- 1.7	10	8	28.2
18.	20.8	19.9	19.8	20.2	- 1.8	16.1	24.9	18.8	19.9	+ 0.2	9	8	54.8
19.	20.8	18.2	18.2	19.1	- 3.3	17.0	27.2	19.3	21.2	+ 1.5	9	3	76.8
20.	18.9	16.9	16.8	17.5	- 4.9	17.9	28.7	20.0	22.2	+ 2.5	8	9	80.6
21.	16.2	18.9	19.2	18.1	- 4.3	21.0	19.8	18.0	19.6	- 0.1	10	10	59.1
22.	22.1	21.2	24.5	22.6	+ 0.2	15.3	23.6	14.5	17.8	- 2.0	14	10	36.3
23.	24.6	24.3	25.2	24.7	+ 2.3	14.3	23.0	17.0	18.1	- 1.7	10	8	22.2
24.	25.6	23.2	22.3	23.7	+ 1.3	16.0	26.7	21.0	21.2	+ 1.4	9	8	88.2
25.	24.4	22.7	22.2	23.1	+ 0.7	17.0	25.4	19.8	20.7	+ 1.1	9	8	94.1
26.	22.9	21.4	22.0	22.1	- 0.4	17.4	27.2	19.6	21.4	+ 2.0	10	8	51.9
27.	21.2	18.6	15.8	18.5	- 4.0	17.4	23.7	19.2	20.1	+ 1.0	14	11	22.4
28.	18.7	18.9	20.5	19.4	- 3.1	12.8	14.2	12.1	13.0	- 6.0	14	10	
29.	21.7	21.7	22.5	22.0	- 0.5	11.2	20.3	14.0	15.2	- 3.7	9	10	47.7
30.	20.4	20.8	21.6	20.9	- 1.6	14.7	17.8	14.0	15.5	- 3.4	9	7	
31.	19.3	19.4	20.4	19.7	- 2.8	12.6	20.8	14.4	15.0	- 3.0	5	8	20.0
Mittel	21.93	20.71	21.05	21.23	-1.05	17.52	24.92	18.70	20.38	+1.42	9.6	8.7	51.72

Am 6. Temperatur des Wörthersee's 24.8° C.

Am 15. 6 Uhr 57 Min. Morgens (Eisenbahnzeit) war ein Erdbeben. 2 bedeutende Rüttler von SE nach NW wellenförmig verlaufend Dauer circa 3 Sekunden.

Am 16. Abends doppelter Regenbogen. Der schwächere oben.

Am 29. Abends schönes Alpenglühen.

im Juli 1897

Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein. 10=trüb				Winde 0=ruhig. 10=Sturm			Nieder- schlag  mm	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>		
13.8	15.6	10.8	13.4	66	42	50	53	4	1	10	5	NW <sup>1</sup>	SE <sup>1</sup>	NE <sup>6</sup>	—	↖
12.1	12.8	13.8	12.9	63	56	67	55	0	0	9	3	SE <sup>1</sup>	NE <sup>1</sup>	SW <sup>1</sup>	—	↖
13.2	16.2	13.2	14.2	67	44	67	59	3	1	0	1	W <sup>1</sup>	W <sup>1</sup>	SE <sup>1</sup>	—	—
12.7	12.5	9.0	11.4	67	40	48	52	0	4	10	5	NE <sup>1</sup>	SW <sup>3</sup>	SE <sup>6</sup>	6.3	↖
11.3	7.7	9.0	9.3	70	39	63	60	7	7	1	4	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	—
10.3	10.8	10.9	10.7	76	49	62	62	2	1	1	1	W <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	—
12.2	11.4	11.6	11.7	76	39	57	57	0	3	3	2	NW <sup>1</sup>	NW <sup>5</sup>	SW <sup>3</sup>	—	↖
11.8	10.0	11.8	11.2	65	32	56	51	0	3	6	3	NE <sup>1</sup>	SW <sup>3</sup>	NE <sup>1</sup>	—	—
11.7	11.4	15.4	12.8	62	40	84	62	5	4	10	6	SE <sup>1</sup>	SE <sup>4</sup>	SW <sup>1</sup>	8.9	↖
15.4	14.0	14.8	14.7	80	57	87	75	5	10	10	8	SE <sup>1</sup>	SE <sup>1</sup>	NW <sup>1</sup>	0.8	↖
14.1	11.7	12.8	12.9	81	46	71	66	10	4	0	5	S <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>	—	—
10.0	10.2	8.1	9.4	67	50	52	56	0	3	10	4	SW <sup>1</sup>	NE <sup>5</sup>	NE <sup>4</sup>	—	—
9.1	8.1	8.6	8.6	66	38	57	54	10	7	9	9	SE <sup>1</sup>	NE <sup>3</sup>	NE <sup>1</sup>	—	—
9.7	8.3	9.4	9.1	78	47	72	66	10	0	0	3	NE <sup>1</sup>	NE <sup>4</sup>	NW <sup>2</sup>	—	—
9.7	12.3	12.6	11.5	78	59	85	74	5	10	10	8	NE <sup>1</sup>	NE <sup>1</sup>	SE <sup>1</sup>	1.1	↖
12.8	8.2	6.0	9.0	76	34	35	48	0	3	4	2	SW <sup>1</sup>	SW <sup>2</sup>	NW <sup>2</sup>	Spur	↖
8.4	10.1	7.9	8.8	62	52	57	57	4	4	1	3	NW <sup>1</sup>	NW <sup>2</sup>	NW <sup>2</sup>	—	—
9.5	9.0	11.0	9.8	70	38	68	59	5	2	0	2	NW <sup>1</sup>	NW <sup>3</sup>	NW <sup>1</sup>	—	—
9.3	9.1	10.6	9.7	64	34	63	54	3	4	0	2	NE <sup>1</sup>	NE <sup>2</sup>	SE <sup>1</sup>	—	—
10.4	11.6	11.2	11.1	68	40	54	54	3	3	0	2	N <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	—
11.7	12.7	14.1	12.8	64	74	92	77	2	5	10	6	N	SW <sup>2</sup>	SE <sup>1</sup>	14.8	↖
10.6	11.4	10.6	10.9	82	53	87	74	5	8	10	8	NW <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	8.7	↖
10.6	9.6	11.5	10.6	88	46	80	71	10	8	0	6	NW <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	Spur	—
9.4	10.3	9.6	9.8	69	40	52	54	1	1	0	1	NE <sup>1</sup>	SW <sup>2</sup>	NE <sup>3</sup>	—	—
9.7	10.8	11.2	10.6	68	45	65	59	0	1	0	0	NE <sup>1</sup>	W <sup>1</sup>	NE <sup>1</sup>	—	—
9.4	10.8	12.5	10.9	64	40	74	59	7	2	10	6	N <sup>2</sup>	NE <sup>2</sup>	NW <sup>4</sup>	17.6	↖
12.5	13.1	14.1	13.2	85	61	86	77	10	8	10	9	NE <sup>2</sup>	NE <sup>2</sup>	SW <sup>1</sup>	30.3	↖
9.7	10.2	8.1	9.3	89	85	78	84	10	10	10	10	W <sup>1</sup>	W <sup>1</sup>	N	19.7	—
8.7	10.9	8.5	9.4	88	62	71	74	7	8	1	5	SW <sup>1</sup>	SW <sup>3</sup>	NW <sup>1</sup>	—	—
7.2	10.6	9.8	9.2	57	69	82	69	10	10	10	10	NW <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	0.6	↖
8.6	12.1	9.9	10.2	80	67	82	76	10	10	0	7	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	1.0	—
10.8	11.1	10.9	10.9	72.4	48.3	67.9	62.9	4.8	4.5	5.0	4.8	1.1	2.0	1.7	109.8	—

## Grundwasserstand in Klagenfurt:

K. k. Militärspital	437.704 Meter
Neues Krankenhaus	437.760
Irrenhaus	437.560
Seelandbrunnen	437.314
Friedhofbrunnen	436.259
Wörtherseepegel	441.404
Maximum am 2.	441.518
Minimum „ 25.	441.328

Draupegel an der Hollenburgbrücke: (0 Punkt: 425.890 m) 426.837 m.  
Maximum am 28. 427.390 Meter, Minimum am 20. 426.400 Meter.

# Vorläufige Uebersicht der Witterung in Kärnten im Juli 1897 vom Central-Observatorium in Wien.

XXXII.

Stationen	Meter Seehöhe	Luftdruck in Millimeter				Luftwärme in Celsius °				Dunst- druck mm	Feuch- tigkeit %	Bewölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit							
		Gröster	am	Kleinst.	am	Mittel	Gröste.	am	Kleinste					am	Mittel	Summe	Gröster in 24 h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm	
																											h. heiter
Unterdraubg.	343	—	—	—	—	—	34.2	2.	11.8	28.	19.3	—	—	3.7	E	127	34	28.	17	8	6	11	0	0	0	5	0
St. Andrä	432	—	—	—	—	—	31.8	3.	9.5	15.	18.7	11.5	71	5.4	N	123	44	27.	10	8	13	12	0	0	0	9	0
Kappel a. Dr.	441	—	—	—	—	—	34.5	1.	11.0	29.	19.3	—	—	5.5	NW	138	49	27.	8	11	12	11	0	0	0	5	0
Klagenfurt I	448	726.3	12.	715.8	27.	721.2	32.8	1.	11.2	29.	19.9	10.9	63	4.8	NE	110	30	27.	13	10	8	11	0	0	0	7	2
Tultschnig	455	—	—	—	—	—	34.2	1.	10.4	29.	18.9	—	—	5.4	NE	106	36	27.	7	11	13	11	0	0	0	8	0
Wolfsberg	461	—	—	—	—	—	34.5	1.	11.6	29.	19.2	—	—	—	—	115	38	26.	—	—	—	11	0	0	1	9	1
Saager	486	—	—	—	—	—	30.6	3.	11.0	29.	19.2	—	—	—	—	142	53	27.	—	—	—	10	0	0	0	3	0
Bad Villach	488	—	—	—	—	—	28.4	2.	11.2	28.	18.0	—	—	5.0	—	146	59	26.	—	—	—	8	0	0	0	1	0
Puch	495	—	—	—	—	—	33.5	1.	9.6	29.	18.2	—	—	5.6	—	138	64	27.	11	8	12	11	0	0	0	9	0
Klagenfurt II	504	—	—	—	—	—	34.3	1.	12.2	30.	19.5	—	—	6.7	NE	—	—	—	0	14	17	9	0	0	0	3	0
St. Walburgen	550	—	—	—	—	—	29.4	1.	11.7	29.	18.2	—	—	5.6	NE	222	36	28.	7	14	10	11	0	0	1	7	0
Liescha	552	718.1	11.	707.8	27.	713.3	33.0	1.	11.0	28. u. 30.	18.1	—	—	5.3	W	129	41	28.	8	13	10	11	0	0	0	8	0
Eisenkappel	554	—	—	—	—	—	31.8	2.	10.9	29.	19.7	—	—	—	W	140	43	27.	—	—	—	11	0	0	0	3	0
Spittal a. D.	554	717.0	12.	707.7	20.	712.4	31.4	1.	11.2	28.	18.1	10.8	69	5.8	S	140	39	27.	6	14	11	13	0	0	2	2	0
Pontafel	571	—	—	—	—	—	33.4	2.	11.0	28.	19.6	10.5	62	5.4	NE	151	67	27.	5	13	13	11	0	0	0	7	0
Eberstein	640	—	—	—	—	—	32.4	2.	9.8	15. u. 29.	18.4	—	—	4.5	S	180	85	26.	—	—	—	10	0	1	8	0	0
Glanhofen	636	—	—	—	—	—	32.2	1.	10.7	15. u. 21	17.9	—	—	4.4	NW	163	60	28.	14	7	10	5	0	0	0	3	0
Guttingarng.	642	—	—	—	—	—	28.3	4.	9.0	15.	17.0	—	—	3.9	—	141	50	26.	18	18	5	6	0	0	0	2	0
Radweg	692	—	—	—	—	—	30.0	1.	10.0	14. u. 28.	17.7	—	—	5.1	N	163	68	27.	10	8	13	12	0	0	0	10	4
Mittewald	697	—	—	—	—	—	31.5	6.	9.3	29.	19.0	—	—	4.8	SW	95	31	10.	—	—	—	6	0	0	0	3	0
Gmünd	728	—	—	—	—	—	33.4	1.	10.8	28.	17.6	—	—	6.6	—	88	29	27.	4	8	19	15	0	0	0	7	0
Hüttenberg	783	701.3	11.	687.2	20.	695.0	32.0	1.	10.1	17.	18.7	—	—	4.2	W	158	45	27.	12	14	5	8	0	0	0	8	0
Bleiberg	927	687.7	12.	678.2	21.	683.1	31.6	1.	8.6	28.	19.1	13.6	80	4.2	NW	143	62	27.	15	8	8	9	0	0	0	0	0
Oberhof	942	—	—	—	—	—	28.2	3.	9.0	28.	15.7	9.9	72	4.9	N	216	79	26.	11	10	10	12	0	0	2	7	4
Knappenberg.	1045	—	—	—	—	—	29.4	1.	9.4	28.	15.6	9.6	72	4.0	SE	156	41	26.	13	14	4	11	0	0	0	8	0
Reichenau	1059	—	—	—	—	—	30.4	1. u. 2.	7.4	29.	15.3	—	—	5.7	—	144	53	28.	9	7	15	10	0	0	0	1	0
Cornat.	1067	682.7	11.	673.3	27.	678.1	29.8	2.	9.0	28.	16.5	11.1	78	4.7	NW	129	33	27.	14	8	9	10	0	0	0	3	0
Teichl	1170	—	—	—	—	—	30.2	2.	8.0	30.	15.0	—	—	5.8	SE	163	52	27.	5	12	14	12	0	0	0	4	3
St. Peter i. K.	1217	—	—	—	—	—	30.2	1.	9.0	28. u. 30.	14.8	—	—	5.6	W	121	41	27.	7	8	16	19	0	0	1	7	0
Stelzing	1410	—	—	—	—	—	25.0	2. u. 3.	5.8	28.	13.1	—	—	6.2	W	189	51	22.	4	12	15	10	0	0	1	5	1
Obir.	2047	601.6	2.	592.4	28.	597.6	23.0	2.	0.9	28.	9.7	7.5	84	5.1	NW	197	60	27.	9	13	9	10	1	0	12	3	3
Glocknerhaus	2121	—	—	—	—	—	20.3	2.	1.3	29.	9.1	—	—	5.9	NW	254	42	27.	10	5	16	19	3	1	1	6	6
Sonnblick.	3106	530.3	2.	519.8	28.	525.3	12.0	2.	—	6.0	29.	1.2	—	91	7.8	N	172	24	20.	2	5	24	20	16	2	4	6

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von  
Monat August 1897. **F. Seeland.**

Tag	Declination zu Klagenfurt					an fremden Stationen		Grundwasser	
	7	2 <sup>h</sup>	9 <sup>h</sup>	Tages- Mittel	Tages- Variation	Kremsmün- ster 8° +	Wien 8° +	Neaes Kranken- haus	Seeland- brunnen
	9° + Min				Min.	Minuten		Meter	Seehöhe
1.	18·0	24·0	21·3	21·1	6·0	46 09	25 13	437 490	437 212
2.	16·7	26·7	21·3	21·6	10·0	45 82	27 43	437 470	437 210
3.	17·3	28·0	20·0	21·8	10 7	47 10	24 93	437 500	437 200
4.	18·0	28·0	18·0	21·3	10·0	43 71	24 10	437 490	437 192
5.	17·3	26·0	20·0	21·1	8·7	44 77	24 33	437 470	437 185
6.	18·6	27·3	20·7	22·2	8·7	44 44	24 33	437 460	437 173
7.	18·6	26·7	21·3	22 2	8·1	45 56	24 93	437 460	437 158
8.	18·0	24·0	18·0	20·0	6·0	43 97	24 37	437 470	437 145
9.	17·3	26·7	18·6	20 9	9·4	47 64	24 07	437 450	437 145
10.	16·7	27·3	20·0	21·3	10 6	43 64	24 00	437 470	437 154
11.	17·3	26·7	19·3	21·1	9·4	43 88	24 67	437 480	437 156
12.	18·0	27·3	20·0	21·8	9 3	43 18	24 60	437 440	437 155
13.	18·0	28·7	19·3	22 0	10 7	45 51	24 80	437 460	437 152
14.	17·3	28·0	22·0	22 4	10 7	45 73	25 50	437 420	437 145
15.	17·3	26 0	20·7	21·3	8·7	44 71	24 97	437 400	437 140
16.	17·3	25·3	19·3	20 6	8 0	43 80	23 87	437 410	437 135
17.	17 3	28·0	18·6	21 3	10 7	43 45	24 60	437 440	437 120
18.	17·3	26·7	19·3	21·1	9 4	41 89	24 33	437 400	437 110
19.	18 6	26·0	19·3	21 3	7 4	43 66	24 77	437 410	437 115
20.	18·0	25·3	18 6	20 6	7 3	42 86	24 13	437 400	437 087
21.	18·0	26 0	18·6	20 9	8 0	43 14	24 33	436 390	437 087
22.	17·3	26 0	19·3	20 9	8 7	43 73	24 53	437 420	437 084
23.	18·0	27 6	20 6	22 1	9 6	45 00	23 60	437 410	437 074
24.	16·7	26 0	21·3	21 3	9 3	44 91	23 60	437 400	437 061
25.	18·0	25·3	22 0	21 8	7 3	47 30	24 03	437 400	437 060
26.	18·6	26 7	21 3	22 2	8 1	47 13	24 50	437 400	437 058
27.	16·7	27 0	20 0	21 2	10 3	48 83	23 57	437 410	437 052
28.	17 3	26 7	21 3	21 8	9 4	51 04	24 23	437 400	437 040
29.	18 6	26 7	20 6	22 0	8 1	45 44	25 77	437 410	437 030
30.	17 3	26 0	21 3	21 5	8 7	39 63	24 70	437 400	437 025
31.	18·0	26 7	19 3	21 3	8 7	46 97	24 53	436 390	437 025
Mittel	17 7	26 7	20 0	21 4	9 2	44 66	24 55	437 433	437 118

Die mittlere magnetische Declination in Klagenfurt war 9° 21'4"; mit dem Maximum 9° 22'4" am 14. und dem Minimum 9° 20'0" am 8.

Die mittlere Tagesvariation war 9'2"; mit dem Maximum 10'7" am 3., 13., 14. und 17. und dem Minimum 6'0" am 1. und 8.

# 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	2 <sup>h</sup>	9 <sup>h</sup>	Mittel	Abwei- chung	7 <sup>h</sup>	9 <sup>h</sup>			
													°/o	
1.	20.0	17.4	17.5	18.3	- 4.2	12.8	22.9	16.5	17.4	- 1.6	10	9	20.1	
2.	18.9	18.7	20.8	19.5	- 3.1	16.0	24.2	15.7	18.6	0.4	5	11	38.2	
3.	22.0	21.8	22.8	22.2	- 0.4	15.2	23.8	18.0	19.0	0.0	9	10	37.6	
4.	24.7	24.5	24.8	24.7	+ 2.1	16.8	24.7	19.1	20.2	+ 1.3	9	10	54.7	
5.	25.8	24.5	23.6	24.6	+ 2.0	15.4	23.3	17.6	18.8	- 0.1	10	9	87.8	
6.	24.2	22.9	23.3	23.5	+ 0.9	15.4	23.8	18.8	19.3	+ 0.5	8	9	76.8	
7.	24.8	23.5	25.3	24.5	+ 1.9	16.2	23.8	18.0	19.3	+ 0.6	9	10	44.9	
8.	24.8	23.2	21.7	23.2	+ 0.6	16.4	23.3	18.4	19.4	+ 0.8	10	9	47.9	
9.	19.7	21.9	21.6	21.1	- 1.5	16.2	13.8	13.2	14.4	- 4.2	9	10	20.2	
10.	23.9	23.9	25.1	24.3	+ 1.6	11.8	22.4	14.6	16.3	- 2.2	9	8	45.5	
11.	27.5	26.3	26.0	26.6	+ 3.9	13.6	22.5	17.6	17.9	- 0.5	8	8	93.1	
12.	26.2	24.0	23.7	24.6	+ 1.9	15.4	24.7	20.2	20.1	+ 1.7	7	8	93.7	
13.	25.0	24.7	26.0	25.2	+ 2.5	16.6	24.4	19.4	20.1	+ 1.6	7	9	36.8	
14.	26.4	24.9	24.9	25.4	+ 2.7	17.1	24.4	19.1	20.2	+ 1.8	11	8	65.7	
15.	25.7	20.3	21.6	22.5	- 0.2	16.8	25.3	20.7	20.9	+ 2.6	7	9	88.8	
16.	20.0	19.2	18.4	19.2	- 3.5	16.6	23.6	19.8	20.0	+ 1.9	8	8	26.7	
17.	24.7	25.2	25.2	25.0	+ 2.3	18.0	23.4	20.0	20.5	+ 2.6	8	9	51.4	
18.	25.2	23.2	22.5	23.6	+ 0.9	16.1	25.6	20.0	20.6	+ 3.0	5	8	51.5	
19.	21.8	19.6	19.0	20.1	- 2.6	15.3	27.4	21.2	21.3	+ 4.0	4	9	83.7	
20.	18.6	21.7	23.4	25.2	+ 2.4	18.0	13.2	11.2	14.1	- 3.1	10	11	12.8	
21.	24.9	22.5	21.9	23.1	+ 0.3	10.6	19.2	15.1	15.0	- 2.0	11	9	72.0	
22.	21.9	20.2	19.1	20.4	- 2.4	13.3	22.0	13.9	16.4	- 0.6	5	11	87.0	
23.	18.0	17.2	17.4	17.5	- 5.3	14.1	20.4	16.6	17.0	+ 0.1	6	9	20.1	
24.	19.9	20.5	22.1	20.8	- 2.0	14.0	20.3	14.5	16.3	- 0.6	13	9	24.6	
25.	22.2	20.8	20.6	21.2	- 1.6	13.7	20.6	16.2	16.8	0.0	4	4	41.6	
26.	21.7	21.2	22.4	21.8	- 1.0	13.4	21.4	16.1	18.0	+ 1.2	7	8	72.2	
27.	24.2	23.4	24.8	24.1	+ 1.3	13.0	21.8	18.0	14.3	- 2.4	5	7	44.1	
28.	26.2	24.3	23.0	24.5	+ 1.7	14.3	22.8	19.0	18.4	+ 1.7	10	8	66.2	
29.	22.5	21.5	23.4	22.5	- 0.3	14.7	24.7	17.0	18.8	+ 2.1	5	8	48.1	
30.	23.7	23.1	22.6	23.1	+ 0.3	16.9	23.2	18.0	19.4	+ 2.8	9	8	74.1	
31.	23.9	22.5	22.4	22.9	+ 0.1	15.6	24.8	19.1	19.8	+ 3.4	5	7	64.9	
Mittel	23.19	22.21	22.48	22.63	+ 0.05	14.85	22.63	17.50	18.33	+ 0.39	7.8	8.7	55.57	
												8.2		

im August 1897

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>		
9.2	14.0	13.2	12.1	85	67	95	82	8	8	1	6	E <sup>1</sup>	NW <sup>2</sup>	NW <sup>1</sup>	5.6	↙
11.7	16.2	12.0	13.3	86	72	90	83	3	6	1	3	S <sup>1</sup>	SW <sup>2</sup>	NW <sup>1</sup>	11.2	↙
10.9	16.1	14.1	13.7	85	74	92	84	7	5	9	7	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	1.4	•
12.8	17.6	13.9	14.8	90	77	85	84	10	2	0	4	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	—
11.0	6.7	13.0	13.4	85	77	87	83	1	2	0	1	NE <sup>1</sup>	SE <sup>1</sup>	SE <sup>4</sup>	—	—
11.3	17.1	13.8	14.1	87	79	86	84	6	1	3	3	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	—
11.1	17.7	13.8	14.2	81	81	90	84	10	2	10	7	NE <sup>1</sup>	NE <sup>1</sup>	SW <sup>2</sup>	9.0	↙
12.1	12.9	13.7	12.9	87	61	87	78	10	1	8	6	NE <sup>1</sup>	SW <sup>1</sup>	NE <sup>2</sup>	4.1	↙
12.2	11.2	9.7	11.0	89	96	87	91	10	10	2	7	NE <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	40.5	↙
8.8	15.4	9.1	11.1	86	77	74	79	10	4	0	5	N <sup>1</sup>	N <sup>1</sup>	NE <sup>1</sup>	—	—
8.7	16.5	13.4	12.9	75	82	90	82	0	1	0	0	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	—
10.5	15.4	15.3	13.7	81	66	87	78	0	0	0	0	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	↙
12.9	19.5	14.5	15.0	92	86	87	88	10	8	10	9	NW <sup>1</sup>	NE <sup>4</sup>	SW <sup>1</sup>	Spur	↙
12.0	18.5	14.7	15.1	83	82	89	85	9	0	0	3	SW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	—
11.6	19.6	15.0	15.6	81	82	85	83	0	1	1	1	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	—
11.4	18.3	14.3	14.7	81	85	83	83	4	8	10	7	NE <sup>1</sup>	SW <sup>3</sup>	SW <sup>1</sup>	—	—
13.2	18.1	15.1	15.5	86	85	87	86	10	4	0	5	NW <sup>1</sup>	NW <sup>2</sup>	NE <sup>1</sup>	2.6	•
12.4	20.2	15.1	15.9	91	83	87	87	10	1	0	4	N <sup>1</sup>	NE <sup>1</sup>	NE	—	—
11.0	21.0	15.8	16.1	89	70	85	81	10	3	0	4	NE <sup>1</sup>	W <sup>3</sup>	NW <sup>2</sup>	—	↙
12.6	10.1	9.0	10.6	82	90	92	88	8	10	0	6	NW <sup>1</sup>	NW <sup>1</sup>	SW <sup>2</sup>	0.4	↙
8.1	13.8	10.6	10.8	85	84	83	84	10	0	0	3	NW <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	30.9	•
10.2	18.0	14.2	14.1	90	90	87	89	3	0	1	1	SW <sup>1</sup>	SW <sup>1</sup>	W <sup>2</sup>	—	—
10.2	13.0	12.9	12.0	86	73	92	84	5	10	10	8	W <sup>1</sup>	W <sup>1</sup>	SW <sup>1</sup>	21.4	↙
10.8	15.1	10.0	12.2	92	85	87	88	5	10	10	8	SW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	0.6	•
10.3	15.0	11.8	12.4	89	83	86	86	10	3	5	6	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	↙
10.1	15.2	12.0	12.4	89	80	88	86	4	1	0	2	NW	S <sup>1</sup>	SE <sup>1</sup>	—	—
9.6	16.6	13.4	13.2	87	86	87	87	3	4	10	6	NE <sup>1</sup>	SE <sup>1</sup>	SE <sup>2</sup>	1.4	↙
10.3	17.7	13.8	14.1	90	87	90	89	10	1	0	4	NW <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	—
11.1	19.5	13.0	14.5	89	84	90	88	2	5	10	6	NE <sup>1</sup>	SW <sup>2</sup>	SW <sup>1</sup>	6.8	↙
12.8	17.5	13.5	14.6	90	83	88	87	7	4	0	4	SW <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	—	—
12.1	19.8	13.6	15.2	92	82	83	86	10	3	0	4	SW <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	—	—
11.1	16.5	13.1	13.6	86.5	80.3	87.3	84.7	6.6	3.8	3.3	4.5	1.0	1.4	1.2	138.8	

## Grundwasserstand in Klagenfurt:

K. k. Militärspital	437.414 Meter
Neues Krankenhaus	437.433
Irrenhaus	436.868
Seelandbrunnen	437.118
Friedhofbrunnen	436.110
Wörtherseepegel	441.358
Maximum am 9. u. 12.	441.378
Minimum „ 31.	441.338

Draupegel an der Hollenburgbrücke: 426.630 m. Maximum am 21. 427.390 Meter, Minimum am 12. 426.400 Meter.



vorraunige Uebersicht der Witterung in Kärnten im August 1897 vom Central-Observatorium in Wien.

XXXVI.

Stationen	Meter Seehöhe	Luftdruck in Millimeter				Luftwärme in Celsius °				Danst- druck mm	Feuch- tigkeit %	Bewölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit					
		Grösster	am	Kleinst.	am	Mittel	Grösste.		Kleinste						Mittel	Summe	Grösster in 24 h	am	heiter	b. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter
Unterdraubg.	343	—	—	—	—	28.6	19.	11.0	11.	18.1	—	—	3.3	E	114	39	23.	23	3	5	9	0	0	2	0
St. Andrä	432	—	—	—	—	28.4	19.	9.5	21.	17.4	12.0	80	4.0	SE	91	35	9.	10	12	9	10	0	0	7	0
Kappel a. Dr.	441	—	—	—	—	27.0	19	10.5	10.	18.2	—	—	4.9	SE	111	34	9.	9	9	13	11	0	0	6	0
Klagenfurt I	448	727.5	11.	717.2	23.	723.6	27.4	19.	10.6	21.	18.1	13.6	84	NE	136	40	9.	10	14	7	13	0	0	7	0
Tultschnig	455	—	—	—	—	27.1	19.	9.8	20.	17.2	—	—	5.2	NE	113	32	23.	6	13	12	14	0	0	8	0
Wolfsberg	461	—	—	—	—	28.5	19.	9.2	21.	17.8	—	—	—	—	91	29	9.	—	—	—	12	0	0	7	0
Saager	486	—	—	—	—	26.6	19.	11.4	10.	18.1	—	—	—	—	142	46	9.	—	—	—	10	0	0	3	0
Bad Villach	488	—	—	—	—	23.6	17.	11.0	20.	16.7	—	—	5.5	—	85	24	20.	—	—	—	10	0	0	0	0
Puch	495	—	—	—	—	27.3	19.	7.9	21.	17.0	—	—	4.9	E	156	37	23.	13	6	12	14	0	0	9	0
Klagenfurt II	504	—	—	—	—	28.2	16.	9.0	20.	18.1	—	—	6.2	NE	—	—	—	0	18	13	9	0	0	0	0
St. Walburgen	550	—	—	—	—	27.3	31.	9.9	21.	17.6	—	—	3.9	N	168	33	9.	12	12	7	13	0	0	2	0
Liescha	552	718.6	11.	709.4	23.	714.6	26.6	19.	10.2	21.	17.1	—	4.7	NE	104	45	23.	11	13	7	9	0	0	6	0
Eisenkappel	554	—	—	—	—	27.2	18.	8.6	21.	18.6	—	—	—	W	95	29	23.	—	—	—	12	0	0	2	0
Spittal a. D.	554	718.5	11.	707.6	23.	713.6	27.4	18.	7.7	21.	17.0	11.8	81	S	175	45	23.	8	11	12	12	0	0	5	0
Pontafel	571	—	—	—	—	28.6	18.	11.5	21.	18.4	11.4	71	4.7	SW	231	46	23.	11	12	8	18	0	1	10	0
Eberstein	640	—	—	—	—	24.8	7. u. 11.	6.8	21.	15.6	—	—	3.1	N	122	37	29.	—	—	—	7	0	0	3	0
Guttingarng.	642	—	—	—	—	25.0	19.	5.0	21.	16.2	—	—	2.6	N	157	36	23.	20	6	5	7	0	1	3	0
Radweg	692	—	—	—	—	25.0	19.	7.6	21.	16.3	—	—	1.7	N	100	33	23.	8	13	10	13	0	0	12	5
Mittewald	697	—	—	—	—	29.1	7.	8.2	21.	17.5	—	—	3.6	—	161	29	23.	—	—	—	8	0	0	5	0
Gmünd	728	—	—	—	—	27.2	18.	15.6	21.	16.3	—	—	7.0	—	135	46	23.	3	10	18	13	0	0	7	0
Radenthein	738	—	—	—	—	24.5	18.	9.0	20.	16.5	—	—	5.0	—	174	44	23.	9	11	11	17	0	0	7	1
Hüttenberg	783	701.4	11	688.5	23.	695.9	26.4	19.	7.0	21.	17.4	—	3.8	W	105	36	24	12	13	6	6	0	0	4	0
Bleiberg	927	688.9	14.	678.9	23.	684.0	23.8	19.	10.1	21.	17.5	12.5	82	NW	186	39	23	18	5	8	13	0	0	2	2
Oberhof	942	—	—	—	—	24.6	19.	6.0	20.	14.7	10.6	83	4.3	N	163	37	20.	13	10	8	10	0	0	5	0
Raibl	981	—	—	—	—	26.4	2.	8.4	20.	16.4	—	—	4.4	W	174	77	20.	14	9	8	10	0	0	4	0
Knappenberg	1045	—	—	—	—	24.2	15.	7.0	21.	15.2	10.3	80	3.4	SW	113	37	23.	18	12	11	13	0	0	6	0
Reichenau	1059	—	—	—	—	25.2	12.	3.6	21.	13.8	—	—	5.8	—	152	28	24	—	—	—	15	0	0	0	0
Cornat	1067	682.6	18.	674.2	23.	679.2	24.1	12.	9.0	21.	15.4	11.2	85	N	130	26	19.	13	9	9	10	0	0	8	0
Teichl	1170	—	—	—	—	23.0	19.	7.6	21.	13.7	—	—	5.7	SE	177	28	19. 23	5	9	17	15	0	0	8	0
St. Peter i. K.	1217	—	—	—	—	22.0	12.	4.2	21.	13.8	—	—	5.3	E	151	30	23.	8	12	11	18	0	0	6	0
Stelzing	1410	—	—	—	—	20.4	22.	4.4	21.	12.7	—	—	5.4	SW	141	40	23.	8	11	12	11	0	0	0	0
Obir.	2047	602.0	11.	594.0	23.	598.5	17.0	12.	3.0	20.	9.2	7.4	85	W	151	62	9.	14	8	9	16	0	0	6	1
Glocknerhaus	2121	—	—	—	—	16.0	5.	2.4	21.	9.1	—	—	5.8	NW	189	30	22.	7	10	14	19	0	0	1	1
Sonnblick	3106	529.5	14.	520.5	23.	525.9	6.2	13.	4.4	24.	1.5	—	97	SW	135	15	23.	3	9	19	21	0	1	6	10

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von  
Monat September 1897 **F. Seeland.**

Tag	Declination zu Klagenfurt					an fremden Stationen		Grundwasser	
	7	2 <sup>h</sup>	9 <sup>h</sup>	Tages- Mittel	Tages- Variation	Kremsmün- ster 8° +	Wien 8° +	Neues Kranken- haus	Seeland- brunnen
	9° + Min				Min.	Minuten		Meter Seehöhe	
1.	17.3	29.3	18.6	21.9	12.0	45.45	24.43	437.390	437.020
2.	18.0	26.0	21.3	21.8	8.0	40.81	23.73	437.350	436.998
3.	17.3	29.3	20.0	22.2	12.0	44.93	25.03	437.370	436.988
4.	16.6	26.0	19.3	20.6	9.4	43.89	24.30	437.380	436.971
5.	16.0	27.3	19.3	20.9	11.3	43.55	24.07	437.360	436.962
6.	16.6	26.0	18.6	20.4	9.4	43.46	23.30	437.330	436.960
7.	17.3	26.7	20.7	21.6	9.4	45.11	23.87	437.310	436.957
8.	18.6	26.0	19.3	21.3	7.4	46.26	23.63	437.290	436.938
9.	18.6	26.7	19.3	21.5	8.1	46.42	23.53	437.300	436.926
10.	18.6	26.0	20.0	21.5	7.4	46.20	24.20	437.290	436.912
11.	16.0	22.7	15.3	18.0	6.7	46.50	22.10	437.270	436.888
12.	17.3	26.7	20.0	21.3	9.4	48.22	24.17	437.240	436.880
13.	18.6	26.0	20.7	21.8	7.4	43.22	24.00	437.190	436.880
14.	17.3	28.7	20.0	22.0	11.4	47.59	25.13	437.210	436.875
15.	18.6	26.0	18.0	20.9	7.4	46.02	23.20	437.190	436.855
16.	18.0	26.0	20.7	21.6	8.0	46.91	24.33	437.170	436.850
17.	19.3	26.7	21.3	22.4	7.4	46.27	23.97	437.150	436.850
18.	18.6	25.3	19.3	21.1	6.7	46.07	24.80	437.130	436.847
19.	20.0	26.0	20.0	22.0	6.0	47.17	24.30	437.130	436.833
20.	20.0	26.0	18.6	21.5	7.4	51.50	23.60	437.120	436.830
21.	18.0	24.7	21.3	21.3	6.7	47.66	25.83	437.110	436.822
22.	19.3	24.0	20.0	21.1	4.7	46.69	23.13	437.110	436.820
23.	20.0	23.4	18.6	20.7	4.8	45.97	23.67	437.090	436.800
24.	18.0	24.7	19.3	20.7	6.7	46.29	24.37	437.080	436.797
25.	18.6	24.0	18.6	20.4	5.4	45.81	24.70	437.080	436.780
26.	26.6	24.0	18.6	19.7	7.4	45.03	23.80	437.070	436.773
27.	16.6	24.0	18.6	19.7	7.4	45.02	23.97	437.060	436.772
28.	18.0	24.7	20.0	20.9	6.7	43.54	23.83	437.050	436.746
29.	16.6	24.7	18.6	20.0	8.1	42.63	23.67	437.040	436.742
30.	17.3	23.4	18.0	19.6	6.1	41.43	23.70	437.030	436.740
31.									
Mittel	17.3	24.9	18.8	20.3	7.8	45.52	24.01	437.198	436.867

Die mittlere magnetische Declination in Klagenfurt war 9° 20' 3"; mit dem Maximum 9° 22' 0" am 14. und dem Minimum 9° 18' 0" am 11.

Die mittlere Tagesvariation war 7.8"; mit dem Maximum 12.0' am 1. 3., und dem Minimum 4.7' am 22.

# 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.	24.9	23.9	24.3	24.4	+ 1.6	15.6	22.8	19.3	19.2	+ 3.0	6	8	69.9
2.	24.3	22.1	21.7	22.7	- 0.1	16.0	23.3	18.4	19.2	+ 3.2	7	7	60.9
3.	22.8	20.9	20.7	21.5	- 1.3	15.4	26.8	21.1	21.1	+ 5.3	8	7	84.4
4.	20.2	20.4	23.8	21.5	- 1.3	17.2	27.6	10.2	18.3	+ 2.7	9	8	61.3
5.	28.6	28.2	27.9	28.2	+ 5.4	12.4	18.2	11.8	14.1	+ 1.4	13	8	41.2
6.	26.8	21.9	18.7	22.5	- 0.3	7.7	18.6	14.7	13.7	- 1.6	8	8	45.4
7.	17.2	17.4	20.0	18.2	- 4.6	12.8	17.0	13.1	14.3	- 0.9	5	10	16.9
8.	22.5	22.2	23.6	22.8	0.0	7.3	17.3	13.1	12.6	- 2.4	9	10	70.7
9.	24.2	22.4	21.7	22.8	0.0	10.8	19.4	14.5	14.9	+ 0.1	9	8	74.4
10.	21.0	19.6	21.0	20.2	- 2.6	11.1	21.6	16.1	16.3	+ 1.7	6	7	59.4
11.	22.8	24.8	24.8	24.1	+ 1.3	14.0	14.8	13.2	14.0	- 0.3	4	10	
12.	25.8	26.0	26.6	26.1	+ 3.3	12.0	17.7	14.2	14.6	+ 0.6	12	9	35.4
13.	28.0	27.6	28.0	27.9	+ 5.1	13.3	19.6	14.4	15.8	+ 2.1	8	10	6.3
14.	28.3	28.8	28.7	28.6	+ 5.9	13.8	16.4	14.5	14.9	+ 1.3	9	9	
15.	27.5	25.3	23.5	25.4	+ 2.7	13.6	16.2	13.3	14.4	+ 0.9	9	10	
16.	19.7	19.1	18.0	19.2	- 3.5	12.8	12.8	12.1	12.6	- 0.8	12	10	
17.	18.1	17.8	18.6	18.2	- 4.5	10.8	16.4	12.4	13.2	- 0.3	10	9	4.8
18.	19.8	19.1	19.0	19.3	- 3.4	11.6	17.7	12.5	13.9	+ 0.4	5	7	47.1
19.	17.7	15.1	13.7	15.5	- 7.2	11.2	18.3	13.2	14.2	+ 0.8	6	6	17.9
20.	11.9	14.0	16.7	14.2	- 8.5	10.8	17.8	10.3	13.0	- 0.4	4	9	65.6
21.	20.5	19.5	19.0	19.7	- 2.9	6.8	14.7	11.2	10.9	- 2.4	4	8	18.9
22.	19.3	19.9	22.5	20.6	- 2.0	8.2	16.8	11.7	12.2	- 1.0	10	8	45.0
23.	23.3	22.5	25.4	23.7	+ 1.1	9.2	19.5	12.0	13.6	+ 0.5	9	4	50.4
24.	31.0	29.5	30.2	29.9	+ 6.7	7.4	18.8	12.9	13.0	0.0	4	6	76.7
25.	31.6	30.9	31.3	31.3	+ 8.7	9.2	20.4	13.3	14.3	+ 1.5	4	2	67.5
26.	32.8	30.0	29.7	30.8	+ 8.2	10.7	20.8	14.9	15.5	+ 2.8	5	8	57.7
27.	29.7	28.4	28.4	28.8	+ 6.0	12.4	20.0	14.0	15.6	+ 3.1	6	7	54.2
28.	28.3	26.7	24.4	26.5	+ 3.9	13.1	20.4	13.8	15.8	+ 3.4	6	8	60.2
29.	26.1	24.7	24.5	25.1	+ 2.5	13.2	20.4	14.8	16.1	+ 3.8	5	6	51.3
30.	24.6	22.7	22.1	23.1	+ 0.6	11.6	19.6	13.5	14.3	+ 2.0	5	3	51.3
31.													
Mittel	23.94	23.05	23.23	23.43	+0.71	11.77	19.06	13.82	14.88	+0.95	7.2	8.0	43.2
											7.6		

Am 23. deckt Schnee die Bergkronen; am 23. waren die letzten Schwalben abgezogen; am 29. hatte der Wörthersee 22.0° C Temperatur und wurde noch gebadet.

## im September 1897 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>		
11.6	18.3	14.5	14.8	88	89	88	88	0	3	0	1	NW <sup>1</sup>	NW <sup>2</sup>	NW <sup>1</sup>	—	
12.4	18.5	13.9	14.9	91	84	88	88	10	2	0	4	W <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—	
11.0	21.6	16.0	16.2	85	80	87	84	3	2	1	2	NE <sup>1</sup>	SW <sup>3</sup>	SW <sup>1</sup>	—	
12.4	21.8	12.2	15.5	85	73	89	82	3	4	10	6	NW <sup>1</sup>	SW <sup>5</sup>	NE <sup>4</sup>	4.7	12
7.6	13.5	8.1	9.7	71	87	78	79	9	9	0	6	W <sup>1</sup>	NW <sup>1</sup>	NW <sup>2</sup>	—	
7.3	13.4	8.8	9.8	93	84	71	83	10	9	10	10	NE <sup>1</sup>	SW <sup>2</sup>	SW <sup>1</sup>	—	
9.6	9.6	9.7	9.6	88	67	87	81	10	3	1	5	SE <sup>1</sup>	SE <sup>2</sup>	NE <sup>3</sup>	0.8	
6.2	12.2	9.3	9.2	82	83	83	83	2	1	10	4	N <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
7.8	14.2	10.5	10.8	82	85	86	84	3	1	6	3	NW <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—	
8.3	16.7	11.0	12.0	84	86	81	84	0	3	10	4	NE <sup>1</sup>	NE <sup>2</sup>	SE <sup>2</sup>	—	
10.7	10.1	9.7	10.2	91	81	87	86	10	10	10	10	SE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	1.6	
8.9	12.8	10.3	10.7	86	85	86	86	10	4	5	6	NE <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	4.0	
10.2	15.0	10.7	12.0	90	89	88	89	10	4	8	7	NE	SW <sup>2</sup>	SW <sup>1</sup>	—	
10.7	11.6	10.6	11.0	92	83	87	87	10	10	10	10	NE <sup>2</sup>	NE <sup>2</sup>	SW <sup>1</sup>	3.4	
10.1	12.0	10.6	10.9	88	87	94	90	10	10	10	10	NE <sup>1</sup>	SE <sup>1</sup>	E <sup>3</sup>	0.7	12
10.0	10.0	9.3	9.8	91	91	89	90	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	SE <sup>1</sup>	14.7	
8.7	11.8	9.6	10.0	90	85	90	88	10	10	10	10	W <sup>1</sup>	W <sup>1</sup>	W <sup>1</sup>	23.7	
8.9	12.8	9.0	10.2	88	85	85	86	10	4	1	5	E <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	0.3	
8.7	10.8	8.1	9.2	88	69	72	76	7	9	10	9	SE <sup>1</sup>	SW <sup>2</sup>	SW <sup>2</sup>	12.3	
8.4	13.0	8.1	9.8	89	86	88	88	7	3	0	3	SE <sup>1</sup>	SW <sup>2</sup>	NE <sup>2</sup>	—	
5.7	9.6	8.5	7.9	77	77	84	79	5	10	10	8	NW <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	—	
7.1	11.6	8.1	8.9	88	81	79	83	2	10	2	5	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
7.5	13.7	8.9	10.0	88	81	86	85	7	3	0	3	S <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	—	
6.7	8.6	9.0	8.1	88	53	89	77	1	0	0	0	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
8.2	14.8	10.3	11.1	95	83	91	90	10	0	0	3	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
8.9	11.1	10.3	10.1	93	61	82	79	10	0	0	3	N <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
10.0	12.9	11.0	11.3	94	74	92	87	10	1	0	4	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
10.3	14.8	10.4	11.8	93	83	90	89	10	0	0	3	NE <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	
10.2	14.5	10.9	11.9	91	82	87	87	10	0	0	3	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
9.4	11.6	10.3	10.4	94	69	90	84	10	1	0	4	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
9.1	13.4	10.2	10.9	88	80	85	84	7	3	4	5	1.0	1.5	1.3	66.2	0

## Grundwasserstand in Klagenfurt:

K. k. Militärspital	437.144 Meter
Neues Krankenhaus	437.198
Irenhaus	436.619
Seelandbrunnen	436.867
Friedhofbrunnen	435.899
Wörtherseepegel	441.294
Maximum am 2.	441.328
Minimum , 13.	441.268

Draupegel an der Hollenburgbrücke: (0 Punkt 425.890 m). Mittel 426.560 m. Meter, Maximum am 20. 427.390 Minimum am 11. 426.250 Meter.

# Vorläufige Uebersicht der Witterung in Kärnten im September 1897 vom Central-Observatorium in Wien.

Stationen	Meter Seehöhe	Luftdruck in Millimeter					Luftwärme in Celsius °					Dunst- druck mm	Feuch- tigkeit %	bewölkung	Herr- schender Wind	Niederschlag			Tage			darunter mit						
		Grösster	am	Klinst.	am	Mittel	Grösste	am	Kleinste	am	Mittel					Summe	Grösster in 24 h	am	heiter	b. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm	Nebel	
																												Grösster
Unterdraubg.	343	—	—	—	—	29.0	3.	7.8	21.	14.9	—	—	4.1	E	84	20	15.	16	4	10	9	0	0	0	0	—		
St. Andri	432	—	—	—	—	28.0	4.	6.6	6. u. 24.	13.9	9.7	82	5.1	SE	67	16	16.	7	11	12	11	0	0	2	0	—		
Kappel a. Dr.	441	—	—	—	—	28.0	3	5.5	3.	14.6	—	—	6.3	NE	92	24	16.	5	13	12	12	0	0	2	1	—		
Klagenfurt I	448	732.8	26.	711.9	20.	723.4	4.	7.3	8.	14.6	10.9	85	5.4	NE	66	24	17.	10	11	9	10	0	0	0	2	1		
Tultschnig	455	—	—	—	—	27.0	4.	4.7	21.	13.6	—	—	5.8	NE	67	24	16.	8	9	13	12	0	0	2	0	—		
Wolfsberg	461	—	—	—	—	28.8	4.	5.8	6.	14.4	—	—	—	—	46	12	19.	—	—	—	11	0	0	1	1	—		
Saager	486	—	—	—	—	26.0	4.	7.8	24.	14.8	—	—	—	—	102	31	15	—	—	—	7	0	0	2	0	—		
Bad Villach	488	—	—	—	—	22.8	4.	7.0	21.	13.5	—	—	6.0	—	80	26	15.	—	—	—	9	0	0	0	0	—		
Puch	495	—	—	—	—	26.5	3.	2.9	21.	13.5	—	—	6.0	E	114	44	16.	10	4	16	12	0	0	3	0	—		
Klagenfurt II	504	—	—	—	—	28.2	3.	6.3	21.	14.6	—	—	6.0	NE	—	—	—	0	20	10	7	0	0	0	0	—		
St. Walburgen	550	—	—	—	—	27.9	3.	8.6	22.	15.1	—	—	4.8	NE	75	23	16.	10	11	9	7	0	0	0	0	—		
Liescha	552	723.5	26.	703.8	20.	715.2	3.	6.0	6.	13.5	—	—	5.7	E	97	28	15.	8	10	12	11	0	0	1	0	—		
Eisenkappel	554	—	—	—	—	27.0	1. u. 3.	6.0	24.	14.5	—	—	—	W	75	20	19.	—	—	—	13	0	0	1	0	—		
Spittal a. D.	554	722.9	25.	704.2	19.20.	714.1	3.	4.9	21.	13.5	9.7	84	5.5	S	106	28	19.	8	10	12	12	0	0	2	0	—		
Pontafel	571	—	—	—	—	27.8	3.	6.6	20.	14.9	9.2	72	5.5	NE	163	58	19.	9	5	16	11	0	1	5	1	—		
Glanhofen	636	—	—	—	—	24.8	3.	7.0	21.	13.6	—	—	4.6	NE	63	20	16.	10	9	11	6	0	0	1	0	—		
Eberstein	640	—	—	—	—	21.0	4.	4.8	12.	12.4	—	—	3.1	—	56	17	4.	—	—	—	6	0	0	1	0	—		
Guttingar.	642	—	—	—	—	25.8	3.	4.0	7.	13.4	—	—	3.1	S	40	16	15.	18	4	8	6	0	0	0	0	—		
Radweg	692	—	—	—	—	24.8	3.	5.0	21.	13.8	—	—	5.2	N	73	26	16.	8	7	15	11	0	0	4	1	—		
Mittewald	697	—	—	—	—	27.8	3.	5.6	22.	14.0	—	—	78	SE	145	42	14.	16	4	10	8	0	0	1	0	—		
Greifenburg	713	—	—	—	—	26.4	3.	6.8	24.	14.5	—	—	5.2	SW	126	42	19.	9	11	10	10	0	0	2	0	—		
Gmünd	728	—	—	—	—	26.4	3.	6.8	24.	14.5	—	—	5.2	SW	126	42	19.	9	11	10	10	0	0	2	0	—		
Hüttenberg	783	704.9	26.	685.2	20.	696.0	4.	6.0	8. u. 21.	14.8	—	—	4.1	W	46	15	16.	13	11	6	5	0	0	0	1	—		
Bleiberg	927	692.1	26.	676.1	20.	684.0	3.	5.3	21	13.9	10.3	85	4.1	E	149	43	19.	14	9	7	12	0	0	0	0	—		
Oberhof	984	—	—	—	—	23.4	3. u. 4.	0.0	21.	11.0	8.9	86	4.5	NW	81	29	16.	13	9	8	9	0	0	1	0	—		
Knappenberg	1045	—	—	—	—	23.3	4.	3.8	21.	11.9	8.5	80	3.5	SW	48	15	16.	17	8	5	8	0	0	1	0	—		
Teichl	1170	—	—	—	—	20.0	4.	3.0	21.	10.0	—	—	5.3	SE	162	65	19.	8	9	13	13	0	0	2	2	—		
St. Peter i. K.	1217	—	—	—	—	22.0	3.	1.7	21.	10.5	—	—	5.7	E	127	41	16.	7	6	17	13	0	0	2	0	—		
Stelzing	1410	—	—	—	—	20.2	3.	2.0	21.	9.9	—	—	5.2	W	57	16	16.	10	10	10	8	0	0	0	0	—		
Obir.	2047	601.6	25.	587.5	20.	597.8	16.2	25.	0.0	21.	7.2	6.6	87	4.8	W	117	30	15.	11	9	10	12	1	0	0	2	—	
Glocknerhaus	2121	—	—	—	—	15.3	3.	0.0	20.	6.0	—	—	6.0	S	176	30	19.	10	3	17	14	4	0	0	2	—		
Sonnblick	3106	—	—	—	—	7.0	25.	—	9.2	21.	—	—	95	6.5	W	98	18	16.	9	0	4	17	17	13	0	0	4	—

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von  
Monat October 1897 **F. Seeland.**

Tag	Declination zu Klagenfurt					an fremden Stationen		Grundwasser	
	7	2 <sup>h</sup>	9 <sup>h</sup>	Tages- Mittel	Tages- Variation	Kremsmün- ster 8° +	Wien 8° +	Neues Kranken- haus	Seeland- brunnen
	9° + Min				Min.	Minuten		Meter	Seehöhe
1.	18.0	26.7	17.6	20.8	9.1	45.20	24.00	437.050	437.735
2.	18.0	25.3	18.0	20.4	7.3	44.19	25.67	437.030	436.722
3.	16.0	24.0	17.3	19.1	8.0	41.97	24.57	437.030	436.718
4.	18.0	23.4	17.3	19.6	6.1	41.59	23.00	437.020	436.716
5.	18.0	24.0	18.0	20.0	6.0	39.97	23.90	437.010	436.692
6.	17.3	26.0	17.5	20.2	8.7	41.87	23.93	437.010	436.690
7.	18.0	24.7	18.0	20.2	6.7	42.68	23.40	437.010	436.666
8.	17.3	21.3	18.6	19.1	4.0	44.01	25.13	436.980	436.655
9.	18.6	24.0	18.0	20.2	5.4	43.21	23.67	436.970	436.650
10.	18.6	24.7	18.6	20.6	6.1	46.55	24.47	436.960	436.650
11.	17.3	22.7	17.3	19.1	5.4	44.60	23.43	436.950	436.650
12.	16.6	24.0	18.0	19.5	7.4	43.49	23.43	436.930	436.640
13.	17.3	26.7	17.3	20.4	9.4	43.57	22.93	436.910	436.630
14.	15.3	23.4	18.0	18.9	8.1	44.39	23.37	436.890	436.625
15.	17.3	24.0	20.0	20.4	6.7	46.41	23.83	436.900	436.615
16.	18.0	24.7	16.6	19.8	8.1	45.32	24.57	436.890	436.600
17.	16.6	25.3	17.3	19.7	8.7	45.22	23.07	436.870	436.598
18.	18.6	22.7	18.0	19.8	4.7	45.01	24.67	436.860	436.598
19.	16.6	22.7	18.0	19.1	6.1	42.96	23.80	436.850	436.594
20.	17.3	23.4	16.6	19.1	6.8	43.25	23.43	436.840	436.577
21.	16.6	22.7	17.3	18.9	6.1	43.98	23.03	436.840	436.575
22.	17.3	22.0	16.6	18.6	5.4	44.71	23.23	436.830	436.572
23.	15.3	21.3	18.6	18.4	6.0	43.77	23.73	436.820	436.550
24.	17.3	24.0	18.0	19.8	6.7	43.82	23.67	436.820	436.540
25.	18.6	22.7	18.0	19.8	4.7	43.86	23.70	436.810	436.540
26.	18.0	20.7	17.3	18.7	3.4	43.53	23.93	436.810	436.530
27.	18.0	21.3	16.6	18.6	4.7	46.20	23.37	436.790	436.523
28.	16.0	20.7	17.3	18.0	4.7	45.23	24.10	436.780	436.523
29.	18.0	21.3	18.0	19.1	3.3	45.12	22.00	436.780	436.520
30.	17.3	19.3	16.6	17.7	2.7	45.26	23.30	436.760	436.498
31.	17.3	20.7	18.0	18.7	3.4	44.96	23.83	436.750	436.485
Mittel	17.4	23.2	17.7	19.4	6.1	44.06	23.77	436.895	436.606

Die mittlere magnetische Declination in Klagenfurt war 9° 19.4'; mit dem Maximum 9° 20.8' am 1. und dem Minimum 9° 17.7' am 30.

Die mittlere Tagesvariation war 6.1'; mit dem Maximum 9.4' am 13., und dem Minimum 2.7' 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.	22.0	20.5	20.9	21.1	- 1.4	10.7	19.8	13.0	14.5	+ 2.3	2	3	44.8
2.	21.3	20.1	21.9	21.1	- 1.4	8.7	21.2	12.9	14.3	+ 2.3	5	3	81.0
3.	23.6	23.4	23.3	23.4	+ 0.9	10.1	18.0	12.4	13.5	+ 1.7	5	8	42.6
4.	22.1	22.0	18.9	21.0	- 1.4	10.8	11.7	9.2	10.6	- 1.0	10	10	
5.	18.0	19.8	20.7	19.5	- 2.9	7.6	8.7	4.6	7.0	- 4.3	9	7	
6.	19.4	19.6	21.3	20.1	- 2.3	4.3	8.4	6.0	6.2	- 4.9	10	10	
7.	22.2	22.3	23.3	22.6	+ 0.2	4.0	8.8	6.1	6.3	- 4.5	9	9	
8.	23.1	22.3	23.5	23.0	+ 0.6	4.5	10.2	5.7	6.8	- 4.7	10	8	23.0
9.	23.5	22.8	24.0	23.4	+ 1.0	3.5	9.6	5.7	6.3	- 3.8	7	9	45.5
10.	26.2	26.2	27.8	26.7	+ 4.4	- 0.6	9.9	3.5	4.3	- 5.6	10	9	67.8
11.	28.5	26.1	25.6	26.7	+ 4.4	- 0.8	9.6	2.7	3.8	- 5.9	9	6	30.0
12.	23.9	21.5	22.0	22.5	+ 0.2	1.4	10.0	6.7	6.0	- 3.5	6	1	40.0
13.	23.9	23.5	23.2	23.5	+ 1.2	3.2	10.6	5.0	6.3	- 3.1	6	3	17.4
14.	24.5	24.7	25.2	24.8	+ 2.5	2.4	13.6	7.5	7.8	- 1.5	6	1	75.2
15.	25.9	25.6	26.2	25.9	+ 3.6	3.6	15.4	9.0	9.3	0.0	5	1	85.2
16.	27.1	28.0	28.3	27.8	+ 5.5	7.3	9.6	10.2	9.0	- 0.2	6	3	
17.	29.3	29.7	29.7	29.6	+ 7.4	10.2	16.0	10.9	12.4	+ 3.2	5	6	44.8
18.	30.2	29.5	29.9	29.9	+ 7.7	11.6	17.0	11.8	13.2	+ 4.1	6	4	28.3
19.	30.1	28.8	28.4	29.1	+ 6.9	12.2	17.3	11.1	13.5	+ 4.4	4	3	19.8
20.	26.7	24.4	25.8	25.6	+ 3.4	11.7	15.4	10.2	12.4	+ 3.4	4	3	3.8
21.	25.8	27.3	30.0	27.7	+ 5.5	6.7	8.1	7.5	7.4	- 1.3	7	2	
22.	30.2	29.7	30.3	30.1	+ 7.9	7.6	9.8	9.6	9.0	+ 0.5	7	3	
23.	28.3	28.8	28.9	28.7	+ 6.5	9.9	11.2	9.4	10.2	+ 2.0	11	9	
24.	29.0	29.4	31.0	29.8	+ 7.6	5.1	10.6	4.0	6.6	- 1.3	8	9	62.1
25.	33.0	32.7	23.0	32.9	+ 10.7	3.8	9.2	3.1	4.4	- 3.1	4	4	76.7
26.	33.4	33.3	33.2	33.3	+ 11.1	1.0	4.8	2.7	2.8	- 4.3	5	3	30.4
27.	33.8	33.4	34.4	33.9	+ 11.7	1.4	5.8	3.5	3.6	- 3.1	6	2	26.4
28.	35.0	34.5	34.6	34.7	+ 12.6	4.2	7.2	1.7	4.4	- 1.9	5	2	40.6
29.	34.8	34.6	34.3	34.6	+ 12.5	- 0.1	3.0	1.6	1.5	- 4.5	5	0	
30.	34.3	33.3	33.4	33.7	+ 11.6	1.0	2.8	1.8	1.9	- 3.9	9	5	
31.	33.3	32.7	32.5	22.8	+ 10.7	0.4	2.6	0.4	1.1	- 4.4	9	2	
Mittel	27.17	26.79	27.27	27.08	+ 4.78	5.30	10.09	6.76	7.64	- 1.47	7.0	4.8	28.6
											5.9		

im October 1897

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>		
9.0	11.4	9.6	10.0	94	66	86	82	10	2	0	4	N <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—	
7.6	15.6	8.9	10.7	91	84	81	85	1	2	5	3	W <sup>1</sup>	SW <sup>2</sup>	NE <sup>1</sup>	<	
8.4	12.3	9.1	9.9	92	80	86	86	3	0	10	4	SE <sup>1</sup>	SE <sup>2</sup>	NW <sup>5</sup>	—	
8.7	5.1	7.2	7.0	90	50	83	74	10	10	10	10	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	0.6.	
7.1	6.2	5.2	6.2	91	74	82	82	10	10	10	10	E <sup>1</sup>	E <sup>2</sup>	SE <sup>2</sup>	5.7.	
5.2	4.3	6.4	5.3	84	52	91	76	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>3</sup>	14.6.	
4.5	6.6	5.8	5.6	73	78	83	78	10	10	10	10	NE <sup>1</sup>	SE <sup>1</sup>	NE <sup>2</sup>	—	
1.5	7.8	4.9	5.7	71	84	71	75	10	8	10	9	N <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	Sp.	
4.9	6.8	5.7	5.8	83	76	83	81	10	3	5	6	E <sup>1</sup>	NE <sup>2</sup>	NE <sup>5</sup>	—	
3.1	8.3	4.8	5.4	70	91	82	81	2	8	0	3	NW <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	
3.8	4.2	4.7	4.2	88	47	84	73	10	9	0	5	NW <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	—	
4.0	4.8	5.8	4.9	80	52	80	71	10	1	10	7	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
5.1	6.1	6.1	5.8	89	64	94	82	10	8	5	8	NE <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
5.0	7.2	7.1	6.4	91	62	91	81	5	2	0	2	NW <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	—	
5.4	7.9	7.6	7.0	92	60	89	80	0	2	0	1	NW <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	—	
7.0	8.4	8.8	8.1	91	95	95	94	5	10	10	8	S <sup>1</sup>	E <sup>1</sup>	SE <sup>1</sup>	26.2.*	
8.7	11.4	9.3	9.8	94	84	97	92	10	1	10	7	NE <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	—	
9.4	10.4	9.3	9.7	94	72	91	86	10	4	0	5	N <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—	
9.8	10.2	9.0	9.7	94	69	91	85	10	2	0	4	NW <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	—	
9.2	9.7	5.6	8.2	91	75	60	75	5	10	10	8	NW <sup>1</sup>	NW <sup>1</sup>	E <sup>1</sup>	1.8. [	
6.4	6.5	6.7	6.5	87	81	88	85	10	10	10	10	N <sup>1</sup>	NW <sup>2</sup>	NW <sup>1</sup>	1.9.	
7.1	8.1	8.2	7.8	91	81	92	88	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	SE <sup>1</sup>	1.0.	
8.0	7.2	7.2	7.5	88	73	82	81	10	10	10	10	NE <sup>1</sup>	NE <sup>3</sup>	NE <sup>3</sup>	—	
5.6	5.0	5.1	5.1	86	52	84	74	4	0	0	1	NW <sup>1</sup>	NE <sup>3</sup>	NE <sup>1</sup>	—	
4.3	5.5	4.8	4.9	89	63	84	79	0	0	0	0	N <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
4.6	5.4	5.1	5.0	92	84	91	89	10	0	0	3	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
4.7	6.1	4.9	5.2	93	88	83	88	10	10	10	7	N <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
5.4	4.0	4.5	4.6	87	52	88	76	10	0	0	3	NW <sup>1</sup>	NE <sup>1</sup>	E <sup>1</sup>	—	
4.4	4.7	4.6	4.6	96	83	89	89	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
4.3	4.6	4.7	4.5	87	80	90	86	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.8	4.4	4.4	4.2	80	79	92	84	10	10	10	10	NW <sup>1</sup>	NW <sup>1</sup>	NE <sup>1</sup>	—	
6.1	7.3	6.5	6.6	87.7	71.9	85.9	81.9	7.9	5.4	5.9	6.4	1.0	1.4	1.5	51.8	0

Grundwasserstand in Klagenfurt:

K. k. Militärspital	436.611 Meter
Neues Krankenhaus	436.895
Irrenhaus	436.336
Seelandbrunnen	436.606
Friedhofbrunnen	435.678
Wörtherseepegel	441.248 „
Maximum am 1.	441.278 „
Minimum „ 30.	441.218 „

Draupegel an der Hollenburgbrücke: 426.050 Meter, Maximum am 17. 426.340, Minimum am 31. 425.790 Meter.



Vorläufige Uebersicht der Witterung in Kärnten im October 1897 vom Central-Observatorium in Wien.

Stationen	Meter Seehöhe	Luftdruck in Millimeter					Luftwärme in Celsius °					Dunst- druck mm	Feuch- tigkeit %	Hewöl- kung	Herr- schender Wind	Niederschlag			Tage			darunter mit					
		Grösster		Kleinst.		Mittel	Grösste.		Kleinste		Mittel					Summe	Grösster in 24 h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm	Nebel
		am	am	Mittel	Grösste.	am	Kleinste	am	Mittel	Summe	Grösster in 24 h					am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm	Nebel		
St. Paul	394	739 3	29.	722.6	2.	731 1	20.6	2.	— 2.4	29.	6.9	6.6	82	5.6	W	32	12	16.	8	7	16	5	0	0	0	0	0
St. Andrä	432	—	—	—	—	—	20.1	2.	— 3.6	29.	7.0	6.5	82	6.5	N	29	16	16.	3	9	19	7	0	0	0	0	5
Kappel a. Dr.	441	—	—	—	—	—	22.0	2.	— 2.2	11.	7.3	—	—	6.9	SE	82	36	16.	8	9	16	9	0	0	0	1	1
Klagenfurt I	448	735.0	28.	718 0	5.	727.1	21.2	2.	— 0.8	11.	7.4	6.6	82	6.4	NE	52	26	16.	8	6	17	8	1	0	1	0	0
Tultschnig	455	—	—	—	—	—	21.6	2.	— 3.8	10.	6.4	—	—	7.0	NE	49	25	16.	4	7	20	13	0	0	0	1	0
Wolfsberg	461	—	—	—	—	—	22.6	3.	— 3.4	29.	7.5	—	—	—	—	29	14	16.	—	—	—	11	0	0	0	1	0
Saager	486	—	—	—	—	—	19.0	2.	— 1.4	10.	8.1	—	—	—	—	69	26	16.	—	—	—	9	0	0	0	0	0
Puch . . .	495	—	—	—	—	—	20.9	1.	— 2.6	10.	6.7	—	—	6.7	E	76	48	16.	6	5	20	10	0	0	0	0	0
Klagenfurt II	504	—	—	—	—	—	22.0	2.	— 1.0	10.	7.7	—	—	6.7	NW	—	—	—	0	12	19	10	2	0	0	0	3
St. Walburgen	550	—	—	—	—	—	23.3	1.	— 2.3	30.	8.1	—	—	5.1	—	47	16	4.	8	10	13	6	0	0	0	0	0
Liescha	552	726.2	27.	710 9	6.	718.3	20.0	1. u. 2.	— 2.5	29.	6.7	—	—	6.7	W	77	27	5	7	7	17	8	0	0	0	1	0
Eisenkappel	554	—	—	—	—	—	21 6	2.	— 5.8	31.	7.3	—	—	—	W	104	38	5.	—	—	—	10	0	0	0	0	0
Spittal a. D.	554	725.2	28.	709.3	6.	617.1	21.3	1.	— 5.4	31.	7.1	6.1	79	6.0	S	26	24	16.	7	11	13	5	0	0	0	0	3
Glanhofen	636	—	—	—	—	—	20.8	1.	— 3.2	31.	6.4	—	—	4.8	NW	41	25	16.	12	8	11	4	0	0	0	0	0
Eberstein	640	—	—	—	—	—	18.4	1.	— 5.4	30.	7.1	—	—	5.1	S	43	25	16.	—	—	—	3	0	0	0	0	0
Guttaring .	642	—	—	—	—	—	21.3	1.	— 7.0	31.	6.3	—	—	2.7	SW	21	13	16.	20	5	6	3	0	0	0	0	0
Radweg . .	692	—	—	—	—	—	20.4	1.	— 3.4	10.	6.2	—	—	5.7	E	41	25	16.	8	8	15	8	0	0	0	1	0
Mittewald	697	—	—	—	—	—	23.2	1.	— 4.2	31.	7.2	—	76	4.7	SE	164	70	16.	11	8	12	5	2	0	0	0	0
Radenthein	738	—	—	—	—	—	19.6	1.	— 3.0	31.	6.2	—	—	5.5	—	30	23	16.	—	—	—	5	0	0	0	0	0
Oberhof	942	—	—	—	—	—	19.0	1.	— 6.2	29.	4.5	5.8	83	5.0	N	24	13	4.	15	3	13	5	1	0	0	1	0
Bleiberg	927	695.0	28.	679.1	6.	686.9	19.5	2.	— 4.0	30.	6.7	6.3	82	4.8	NW	133	59	16.	17	2	12	9	1	0	0	0	0
Raibl	981	—	—	—	—	—	19.6	1.	— 2.2	29.	6.5	—	—	5.2	N	173	124	16.	13	6	12	7	2	0	0	0	0
Knappenberg	1045	—	—	—	—	—	18.2	1.	— 4.2	29.	5.4	5.4	80	3.5	E	20	11	16.	15	12	4	7	2	0	1	0	0
St. Peter i. K.	1217	—	—	—	—	—	16.8	1.	— 3.4	11.	4.5	—	—	4.7	E	31	16	16.	10	8	13	6	0	0	0	0	0
Stelzing	1410	—	—	—	—	—	15.2	1.	— 3.6	11.	3.8	—	—	5.0	SE	38	12	16.	14	3	14	10	0	0	0	0	0
Obir . . .	2047	603.4	26.	588.8	6.	597.9	13.5	2.	— 9.1	8.	0.8	4.5	90	5.3	N	147	48	5.	13	3	15	11	6	0	0	0	6
Sonnblick .	3106	530 7	27	514 1	6.	523.8	2.8	2.	— 16.2	6.	—	6.1	—	84	5.6	SW	108	33	5.	9	5	17	11	11	0	0	3

# Magnetische Declinations-Beobachtungen zu Klagenfurt

von  
Monat November 1897. **F. Seeland.**

Tag	Declination zu Klagenfurt					an fremden Stationen		Grundwasser	
	7	2 <sup>h</sup>	9 <sup>h</sup>	Tages- Mittel	Tages- Variation	Kremsmün- ster 8° +	Wien 8° +	Neues Kranken- haus	Seeland- brunnen
	9° + Min					Min.	Minuten		Meter Seeshöhe
1.	18.0	22.7	18.6	19.8	4.7	46.20	23.30	436.750	436.482
2.	18.6	22.7	18.0	19.8	4.7	43.00	23.30	436.750	436.482
3.	18.6	23.4	18.6	20.2	4.8	44.99	23.63	436.750	436.480
4.	18.0	22.0	18.6	19.5	4.0	46.25	23.43	436.740	436.475
5.	19.3	25.3	20.0	21.5	6.0	43.67	23.47	436.740	436.447
6.	20.0	24.0	18.0	21.1	6.0	47.36	23.60	436.730	436.440
7.	19.3	23.4	20.0	20.9	4.1	44.63	23.63	436.710	436.432
8.	18.6	22.7	18.6	20.0	4.1	45.84	23.57	436.690	436.430
9.	19.3	22.0	18.0	19.8	4.0	45.40	23.30	436.670	436.406
10.	17.3	21.4	19.3	19.3	4.1	45.04	23.27	436.660	436.400
11.	18.6	22.7	19.3	20.2	4.1	44.20	23.30	436.650	436.395
12.	19.3	22.7	18.6	20.2	4.1	45.16	23.53	436.640	436.390
13.	18.0	23.4	19.3	20.2	5.4	42.60	23.23	436.630	436.385
14.	18.6	22.0	17.3	19.3	4.7	48.21	23.33	436.620	436.365
15.	20.0	22.0	18.6	20.2	3.4	47.61	24.27	436.610	436.358
16.	18.0	22.7	20.0	20.2	4.7	46.12	23.23	436.600	436.342
17.	19.3	25.3	18.6	21.1	6.7	50.03	26.07	436.580	436.335
18.	18.0	22.7	18.0	19.6	4.7	44.59	22.87	436.570	436.332
19.	19.3	22.0	18.6	20.0	3.4	44.21	22.57	436.560	436.330
20.	18.6	22.7	17.3	19.5	5.4	44.49	20.73	436.550	436.320
21.	18.0	22.7	18.6	19.8	4.7	43.37	23.10	436.540	436.298
22.	19.3	22.0	18.6	20.0	3.4	44.22	22.37	436.530	436.293
23.	18.6	22.0	19.3	20.0	3.4	42.97	22.90	436.520	436.277
24.	18.6	24.0	17.3	20.0	6.7	43.42	23.50	436.510	436.272
25.	18.0	22.0	15.3	18.4	6.7	40.12	21.60	436.500	436.260
26.	18.6	21.3	18.3*	17.7	8.0	39.65	21.53	436.490	436.272
27.	18.6	20.0	17.3	18.6	2.7	42.76	23.63	436.480	436.270
28.	17.3	20.7	17.3	18.4	3.4	42.87	23.33	436.470	436.242
29.	18.0	19.3	11.0*	16.1	8.3	42.26	21.83	436.470	436.238
30.	17.3	21.3	18.0	18.9	4.0	42.53	22.80	436.460	436.225
Mittel	18.6	22.4	18.0	19.5	4.8	44.56	23.14	436.606	436.356

Die mittlere magnetische Declination in Klagenfurt war 9° 19.5'; mit dem Maximum 9° 21.5' am 5. und dem Minimum 9° 16.1' am 29.

Die mittlere Tagesvariation betrug 4.8'; mit dem Maximum 8.3' am 29., und dem Minimum 2.7' am 27. Am 26. und 29. gab es magnetische Störungen.

# 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.	32.7	30.8	31.5	31.5	+ 9.4	0.1	0.9	0.7	0.5	- 4.7	9	5	
2.	32.7	31.9	32.5	32.4	+10.3	0.4	1.8	0.8	1.0	- 3.8	11	3	
3.	32.4	31.7	31.7	31.9	+ 9.8	0.2	2.2	- 1.4	0.3	- 4.1	10	2	29.2
4.	33.0	33.0	32.9	33.0	+10.9	- 1.3	2.8	- 0.2	0.4	- 3.7	7	4	29.9
5.	33.6	33.6	33.6	33.6	+11.5	0.7	2.0	1.7	1.5	- 2.3	8	3	
6.	32.8	32.1	32.1	32.3	+10.1	0.6	1.8	0.9	1.1	- 2.4	8	2	
7.	31.8	31.8	32.3	32.0	+ 9.8	0.5	1.4	0.2	0.7	- 2.6	8	2	
8.	32.4	32.7	33.6	32.9	+10.7	0.5	0.8	0.0	0.4	- 2.7	6	4	
9.	33.7	33.3	33.9	33.6	+11.4	0.0	1.2	- 2.0	- 0.3	- 3.1	9	2	
10.	35.1	35.7	36.4	35.7	+13.5	- 2.4	2.3	0.4	0.1	- 2.3	6	4	29.8
11.	37.1	37.7	36.1	37.0	+15.8	- 2.5	0.2	- 3.5	- 1.9	- 3.9	11	5	30.8
12.	35.3	33.5	33.0	33.9	+11.7	- 5.5	0.6	- 3.3	- 2.7	- 4.4	7	3	55.9
13.	32.5	30.9	29.6	31.0	+ 8.7	- 4.4	1.0	- 2.5	- 2.0	- 3.5	7	4	35.4
14.	28.8	27.0	26.7	27.5	+ 5.2	- 4.5	4.5	- 0.3	- 1.1	- 1.5	2	3	66.3
15.	27.2	26.8	27.4	27.1	+ 4.8	- 2.6	10.3	11.2	6.3	+ 5.0	5	3	56.5
16.	29.1	30.4	31.2	30.2	+ 7.9	2.2	10.0	5.4	5.9	+ 4.7	8	4	40.7
17.	31.2	31.4	32.0	31.5	+ 9.2	3.0	7.2	4.0	4.7	+ 3.8	6	2	
18.	32.6	32.0	32.0	32.2	+ 9.8	3.2	8.6	5.0	5.6	+ 5.0	7	4	11.1
19.	32.6	32.7	33.2	32.8	+10.4	2.2	7.0	3.2	4.1	+ 4.0	8	3	27.8
20.	33.4	33.0	33.2	33.2	+ 9.8	- 0.4	3.8	2.1	1.8	+ 2.0	8	4	10.0
21.	35.2	35.8	37.1	36.0	+13.6	- 0.9	3.1	- 0.8	0.5	+ 0.9	7	3	
22.	39.7	39.1	38.8	39.2	+16.7	- 2.6	0.8	- 0.9	- 0.9	- 0.5	7	3	
23.	37.8	34.5	32.5	34.9	+12.4	- 2.6	0.4	- 1.0	- 1.0	- 0.8	4	3	
24.	29.2	26.6	25.2	27.0	+ 4.5	- 2.7	0.8	- 0.6	- 0.8	- 0.8	7	4	
25.	24.3	24.1	26.2	24.9	+ 2.4	0.2	3.2	- 1.8	0.5	+ 0.3	8	3	
26.	30.7	32.1	32.9	31.9	+ 9.3	- 7.6	- 2.0	- 7.0	- 5.5	- 5.9	11	2	79.3
27.	32.4	30.5	29.6	20.8	+ 8.2	- 9.7	- 3.0	- 4.6	- 5.8	- 6.2	8	2	49.4
28.	25.0	21.5	18.3	21.6	- 1.0	- 4.9	- 0.3	- 2.3	- 2.5	- 2.8	7	2	57.0
29.	09.2	04.3	04.6	06.0	-16.6	- 2.7	4.4	0.5	0.7	+ 0.6	7	3	
30.	10.2	17.2	21.0	16.1	- 6.6	- 0.8	3.0	- 5.5	- 1.1	- 0.9	7	2	67.4
Mittel	30.77	30.25	30.37	30.46	+8.15	-1.48	2.69	-0.05	0.38	-1.21	7.5	3.3	22.5
											5.4		

Am 15. Jauck, am 25. erster Schnee 1 mm. hoch; abends war Sturm, und man hörte in der Stadt Klagenfurt den Klageruf der Goldregengpfeifer auf den Dächern, 26. abends zogen Schneegänse.

im November 1897 Von F. Seeland.

Dunstdruck Millimeter				Luftfeuchtigkeit in Proc. d. Sätt.				Bewölkung 0=rein, 10=trüb				Winde 0=ruhig, 10=Sturm			Nieder- schlag <small>mm</small>	Schneehöhe <small>mm</small>
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>		
4.1	4.3	1.7	3.4	90	87	35	71	10	10	10	10	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.4	3.5	3.5	3.5	71	67	71	70	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.5	3.6	4.1	3.7	74	66	98	79	10	0	0	3	W <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.8	4.3	4.4	4.2	90	75	98	88	10	0	0	3	SW <sup>1</sup>	SW <sup>1</sup>	NE <sup>1</sup>	—	
4.2	4.2	4.6	4.3	87	78	90	85	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	SW <sup>1</sup>	—	
4.2	4.2	4.2	4.2	89	80	85	85	10	10	10	10	E <sup>1</sup>	NE <sup>1</sup>	E <sup>1</sup>	—	
4.1	4.2	4.1	4.1	85	83	89	86	10	10	10	10	NE <sup>1</sup>	NE <sup>1</sup>	NW <sup>1</sup>	—	
4.1	4.0	4.0	4.0	85	52	87	75	10	10	10	10	E <sup>1</sup>	E <sup>1</sup>	NE <sup>1</sup>	—	
4.1	3.8	3.5	3.8	89	75	88	84	10	10	10	10	SE <sup>1</sup>	E <sup>1</sup>	SW <sup>1</sup>	—	
3.5	4.2	3.6	3.8	92	77	76	82	10	0	10	7	N <sup>1</sup>	NW <sup>1</sup>	NE <sup>3</sup>	—	
3.4	3.5	2.7	3.2	89	74	78	80	10	1	0	4	E <sup>2</sup>	SE <sup>2</sup>	NE <sup>1</sup>	—	
2.6	3.1	3.2	3.0	87	64	89	80	10	0	0	3	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
3.0	3.6	3.6	3.4	91	72	96	86	10	0	0	3	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
2.9	3.8	3.8	3.5	90	60	85	78	10	0	0	3	NW <sup>1</sup>	NW <sup>1</sup>	SW <sup>1</sup>	—	
3.5	6.0	4.2	4.6	94	64	42	67	3	6	6	5	NE <sup>1</sup>	SW <sup>1</sup>	SW <sup>1</sup>	—	
4.9	3.1	6.0	4.7	91	35	89	72	1	3	10	5	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
5.3	6.3	5.7	5.8	93	83	93	90	10	10	0	7	SW <sup>1</sup>	SW <sup>1</sup>	NW <sup>1</sup>	—	
5.5	6.2	6.0	5.9	95	74	92	87	10	0	10	7	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
5.0	6.6	5.4	5.7	93	88	93	91	10	1	0	4	E <sup>1</sup>	E <sup>1</sup>	NE <sup>1</sup>	—	
4.1	5.7	4.9	4.9	92	95	91	93	10	0	0	3	NE <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
4.0	5.1	4.2	4.4	94	90	96	93	10	0	10	7	SE <sup>1</sup>	NE <sup>1</sup>	E <sup>1</sup>	—	
3.5	3.1	4.0	3.5	94	65	92	84	10	0	10	7	E <sup>1</sup>	E <sup>1</sup>	E <sup>1</sup>	—	
3.8	4.1	3.9	3.9	98	87	90	92	10	10	10	10	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
3.6	4.0	4.1	3.9	96	82	92	90	10	10	10	10	E <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
4.1	4.6	3.2	4.0	89	80	80	83	10	10	10	10	N <sup>1</sup>	N <sup>1</sup>	N <sup>6</sup>	0.8 *	1
2.1	3.1	2.3	2.5	83	80	86	83	3	0	0	1	W <sup>2</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	
1.7	2.2	2.8	2.2	77	61	88	75	3	2	10	5	N <sup>1</sup>	NE <sup>1</sup>	NE <sup>1</sup>	—	
2.7	3.1	3.5	3.1	86	70	89	82	10	1	0	4	NW <sup>1</sup>	NW <sup>1</sup>	NW <sup>1</sup>	—	
3.2	4.8	3.2	3.7	85	77	68	77	10	10	10	10	SE <sup>1</sup>	SE <sup>2</sup>	SE <sup>1</sup>	15.6 *	52
4.0	3.9	2.7	3.5	92	69	90	84	6	0	0	2	NE <sup>1</sup>	NE <sup>2</sup>	NE <sup>1</sup>	—	
3.7	4.2	3.9	3.9	88.7	73.7	84.5	82.4	8.9	4.5	5.7	6.5	1.0	1.1	1.2	16.4	53

Grundwasserstand in Klagenfurt:

K. k. Militärspital	436.474 Meter
Neues Krankenhaus	436.606
Irrenhaus	436.040
Seelandbrunnen	436.356
Friedhofbrunnen	435.469
Wörtherseepegel	441.201
Maximum am 1.	441.218
Minimum „ 30.	441.188

Draupegel an der Hollenburgbrücke: 425.690 Meter, Maximum am 1. 425.790, Minimum am 30. 425.590 Meter.

Vorläufige Uebersicht der Witterung in Kärnten im November 1897 vom Central-Observatorium in Wien.

XLVIII

Stationen	Meter Seehöhe	Luftdruck in Millimeter					Luftwärme in Celsius °					Dunst- druck mm	Feuch- 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	Gewitter	Stu- rm	Nebel
Unterdraubg.	343	—	—	—	—	14·8	19.	—12·0	27.	1.1	—	—	3·7	E	21	19	29.	19	1	10	2	1	0	0	0	—	
St. Paul	394	743·2	22.	706·5	29.	734·0	12·8	16.	—11·5	27.	0·3	4·3	88	5·9	S	8	8	29.	6	9	15	2	1	0	0	1	
St. Andrä	432	—	—	—	—	—	11·0	15.	—10·8	27.	0·2	4·4	91	5·2	N	7	7	29.	8	9	13	2	0	0	0	—	
Kappel a Dr.	441	—	—	—	—	—	11·8	16.	—10·8	27.	0·5	—	6·8	SW	19	17	29.	3	10	17	2	2	0	0	0	—	
Klagenfurt I	448	739·7	22.	704·3	29.	730·5	11·2	15.	—9·7	27.	0·3	3·9	82	6·5	NE	16	16	29.	8	5	17	2	2	0	0	1	
Tultschnig	455	—	—	—	—	—	11·4	15.	—11·7	27.	—0·4	—	6·5	NE	18	15	29.	3	11	16	1	1	0	0	0	—	
Wolfsberg	461	—	—	—	—	—	13·5	15.	—10·2	27.	0·7	—	—	—	—	7	7	29.	—	—	—	2	1	0	0	0	
Pörtschach	464	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Saager	486	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Bad Villach	488	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Puch	495	—	—	—	—	—	12·8	16.	—13·0	27.	0·4	—	5·8	E	17	14	29.	9	8	13	3	2	0	0	0	—	
St Veit	496	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Villach	500	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Klagenfurt II	504	—	—	—	—	—	11·3	15.	—10·0	27.	0·2	—	7·2	NW	—	—	—	0	10	20	3	3	0	0	5	—	
St. Walburgen	550	—	—	—	—	—	10·3	16.	—8·3	27.	1·0	—	4·6	W	6	5	29.	12	8	10	2	1	0	0	0	—	
Liescha	552	730·2	22.	695·3	29.	721·1	12·4	15.	—11·0	27.	0·4	—	5·4	SW	22	19	29.	11	7	12	2	2	0	0	0	—	
Eisenkappel	554	—	—	—	—	—	12·4	15.	—12·6	27.	0·7	—	—	W	26	24	29.	—	—	—	2	2	0	0	0	—	
Spittal a. D.	554	729·0	22.	700·7	29.	720·3	11·4	16.	—11·2	27.	0·8	4·3	88	5·4	SW	15	11	29.	12	5	13	3	2	0	0	1	
Eberstein	610	—	—	—	—	—	9·2	19.	—10·8	27.	0·5	—	3·5	S	8	8	29.	—	—	—	1	1	0	0	0	—	
Glanhofen	636	—	—	—	—	—	11·4	15.	—11·2	27.	0·0	—	4·1	NW	20	19	29.	2	5	13	2	2	0	0	0	—	
Guttaring	642	—	—	—	—	—	14·0	22.	—12·8	27.	—0·3	—	3·3	N	9	7	29.	18	3	9	1	1	0	0	0	—	
Radweg	692	—	—	—	—	—	12·6	15.	—11·4	27.	0·0	—	5·2	S	13	12	29.	9	8	13	2	2	0	0	2	—	
Mittewald	697	—	—	—	—	—	13·8	15.	—9·8	27.	0·8	—	79	4·9	SW	8	8	25.	11	4	15	1	1	0	0	0	
Gmünd	728	—	—	—	—	—	10·4	16.u.19.	—11·0	26.	1·2	—	5·0	N	5	5	29.	—	—	—	2	2	0	0	0	—	
Radsberg	742	—	—	—	—	—	12·5	15.	—9·8	27.	0·4	—	4·5	SW	20	17	29.	13	5	12	9	2	0	0	0	—	
Bleiberg	927	698·8	22.	665·3	29.	689·3	10·0	16.	—13·4	26.	—0·4	3·7	76	3·2	W	38	21	29.	21	1	8	2	2	0	0	0	
Wind.-Bleib.	942	—	—	—	—	—	14·2	19.u.21.	—14·0	26.	—1·0	3·9	85	2·7	N	5	5	30.	19	10	1	1	1	0	0	0	
Raibl	981	—	—	—	—	—	15·0	20.	—10·4	27.	1·0	—	3·0	N	29	27	30.	18	5	7	2	2	0	0	0	—	
Knappenberg	1045	—	—	—	—	—	12·8	19.	—10·7	27.	—0·4	—	3·1	SE	10	10	29.	19	8	3	1	1	0	0	0	—	
Reichenau	1059	—	—	—	—	—	13·8	20.	—12·4	27.	—0·7	—	2·4	S	9	9	30.	21	4	5	1	1	0	0	0	—	
Cornat	1067	690·4	22.	659·0	29.	682·4	15·0	20.	—10·8	27.	0·7	4·8	91	1·7	N	14	10	25	24	4	2	1	1	0	0	0	
Teichl	1170	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
St. Peter i. K.	1217	—	—	—	—	—	10·6	20.	—11·3	26.	0·1	—	2·9	W	5	4	29.	14	10	6	2	2	0	0	0	—	
Stelzing	1410	—	—	—	—	—	10·6	19.	—12·4	26.	0·9	—	2·3	NE	14	14	29.	22	4	4	1	1	0	0	0	—	
Obir	2047	606·5	22.	575·7	29.	598·8	10·4	19.	—16·6	26.	0·1	3·9	82	2·1	W	30	20	29.	21	6	3	2	2	0	0	3	
Sonnblick	3106	531·2	22.	502·1	29.	524·4	0·0	18.	—24·8	26.	—7·4	—	68	3·3	W	33	19	29.	16	7	7	5	5	0	0	6	

# Die Stunden dem Baro- und Thermo-

## (rd).

		den									
Monat, Jahreszeit, Jahr	1	6	7	8	9	10	11	12	Mittel	Max.	Min.
December 1896	22.6	22.52	22.53	22.59	22.63	22.67	22.75	22.79	22.69	24.8	20.6
Jänner 1897	20.8	20.14	20.17	20.20	20.25	20.27	20.26	20.25	20.45	21.9	19.0
Februar 1897	26.6	26.30	26.40	26.51	26.65	26.73	26.82	26.92	26.74	28.4	25.0
März 1897	19.4	18.50	18.58	18.66	18.75	18.84	18.95	19.05	19.16	21.4	17.1
April 1897	19.9	19.05	19.19	19.44	19.69	19.87	20.04	20.19	19.72	22.0	17.9
Mai 1897	18.5	17.84	17.93	18.01	18.15	18.33	18.45	18.54	18.43	20.7	16.8
Juni 1897	23.6	22.37	22.54	22.75	22.98	23.24	23.48	23.66	23.18	24.8	21.5
Juli 1897	21.7	20.54	20.72	20.97	21.20	21.39	21.53	21.66	21.38	23.0	19.8
August 1897	22.8	21.86	21.04	22.25	22.41	22.59	22.72	22.84	22.64	24.1	21.1
September 1897	23.6	22.53	22.78	23.01	23.28	23.41	23.49	23.58	23.47	25.4	21.6
October 1897	27.1	26.74	26.88	27.06	27.25	27.37	27.44	27.49	27.14	28.3	26.0
November 1897	30.8	30.20	30.25	30.48	30.37	30.40	30.45	30.47	30.57	32.4	28.7
Winter 1897	23.3	22.99	23.03	23.10	23.18	23.22	23.28	23.32	23.29	25.0	21.5
Frühling 1897	19.3	18.46	18.57	18.70	18.86	19.01	19.15	19.26	19.10	21.4	17.3
Sommer 1897	22.7	21.59	21.43	21.99	22.20	22.41	22.58	22.72	22.40	24.0	20.8
Herbst 1897	27.2	26.49	26.64	26.85	26.97	27.06	27.13	27.18	27.06	28.7	25.4
<b>Jahr 1897</b>	<b>23.1</b>	<b>22.38</b>	<b>22.42</b>	<b>22.66</b>	<b>22.80</b>	<b>22.92</b>	<b>23.03</b>	<b>23.12</b>	<b>22.96</b>	<b>24.8</b>	<b>21.2</b>
December 1896	-3.1	-1.48	-1.90	-2.31	-2.73	-2.82	-2.89	-2.95	-2.46	-0.4	-4.5
Jänner 1897	-4.2	-2.15	-2.58	-3.01	-3.43	-3.74	-4.02	-4.26	-3.59	-1.2	-6.0
Februar 1897	-2.6	2.58	1.54	0.44	-0.47	-0.87	-1.30	-1.68	-0.66	4.2	-5.1
März 1897	4.7	11.05	9.76	8.29	6.97	6.47	5.93	5.33	7.03	12.9	1.9
April 1897	6.8	12.13	10.97	9.82	8.82	8.40	7.91	7.47	9.48	15.0	4.7
Mai 1897	9.4	14.93	13.77	12.62	11.46	10.95	10.44	9.99	11.93	17.1	6.6
Juni 1897	14.6	22.74	20.91	19.24	17.65	16.90	16.18	15.46	18.36	24.7	12.1
Juli 1897	16.8	24.36	22.48	20.58	18.88	18.37	17.88	17.28	20.05	26.2	14.4
August 1897	15.4	21.48	20.12	18.75	17.50	17.01	16.51	16.12	18.17	23.4	13.4
September 1897	12.2	17.26	16.12	14.96	13.82	13.35	12.85	12.42	14.68	19.6	10.4
October 1897	5.9	9.33	8.47	7.59	6.76	6.36	6.06	5.78	7.52	11.28	4.2
November 1897	-0.9	1.56	1.01	0.48	-0.05	-0.40	-0.71	-1.01	0.17	2.98	-1.8
Winter 1897	-3.3	-0.35	-0.98	-1.63	-1.90	-2.48	-2.74	-2.96	-2.24	0.9	-5.2
Frühling 1897	7.0	12.70	11.50	10.24	9.08	8.61	8.09	7.60	9.48	15.0	4.4
Sommer 1897	15.6	22.86	21.17	19.52	18.01	17.43	16.86	16.29	18.86	24.8	13.3
Herbst 1897	5.7	9.38	8.53	7.68	6.84	6.44	6.07	5.73	7.46	11.3	4.2
<b>Jahr 1897</b>	<b>6.2</b>	<b>11.15</b>	<b>10.05</b>	<b>8.95</b>	<b>8.01</b>	<b>7.50</b>	<b>7.07</b>	<b>6.66</b>	<b>8.39</b>	<b>13.0</b>	<b>4.2</b>

Vorläufige Uebersicht der Witterung in Kärnten im November 1897 vom Central-Observatorium in Wien.

Stationen	Meer Seöhe	Luftdruck in Millimeter				Luftwärme in Celsius °					Dunst- druck mm	Feuch- tigkei- t %	Bewöl- kung	Herr- schender Wind	Niederschlag			Tage			darunter mit							
		Grösster	am	Klein- st.	am	Mittel	Grösste	am	Klein- ste	am					Mittel	Summe	Grösster in 24 h	am	heiter	h. heiter	trüb	Nieder- schlag	Schnee	Hagel	Gewitter	Sturm	Nebel	
																												h.
Unterdraubg.	343					14.8	19.	-12.0	27.	1.1			3.7	E	21	19	29.	19	1	10	2	1	0	0	0	0		
St. Paul	394	743.2	22.	706.5	29.	734.0	12.8	16.	-11.5	27.	0.3	4.3	8.8	5.9	S	8	8	29.	6	9	15	2	1	0	0	1		
St. Andrä	432					11.0	15.	-10.8	27.	0.2	4.4	9.1	5.2	N	7	7	29.	8	9	13	2	0	0	0	0			
Kappel a. Dr.	441					11.8	16.	10.8	27.	0.5			6.8	SW	19	17	29.	3	10	17	2	2	0	0	0			
Klagenfurt I	448	739.7	22	704.3	29.	730.5	11.2	15.	9.7	27.	0.3	3.9	8.2	6.5	NE	16	16	29.	8	5	17	2	2	0	0	1		
Tultschig	455					11.4	15.	11.7	27.	-0.4			6.5	NE	18	15	29.	3	11	16	1	1	0	0	0			
Wolfsberg	461					13.5	15.	10.2	27.	0.7					7	7	29.				2	1	0	0	0			
Pörschach	464																											
Saager	486																											
Bad Villach	488																											
Puch	495					12.8	16.	-13.0	27.	0.4			5.8	E	17	14	29.	9	8	13	3	2	0	0	0			
St. Veit	496																											
Villach	500																											
Klagenfurt II	504					11.3	15.	10.0	27.	0.2			7.2	NW				0	10	20	3	3	0	0	0	5		
St. Walburgen	550					10.3	16.	-8.3	27.	1.0			4.6	W	6	5	29.	12	8	10	2	1	0	0	0			
Liescha	552	730.2	22.	695.3	29.	721.1	12.4	15.	-11.0	27.	0.4		5.4	SW	22	19	29.	11	7	12	2	2	0	0	0			
Eisenkappel	554					12.4	15.	-12.6	27.	0.7				W	26	24	29.				2	2	0	0	0			
Spittal a. D.	554	729.0	22.	700.7	29.	720.3	11.4	16.	-11.2	27.	0.8	4.3	8.8	5.4	SW	15	11	29.	12	5	13	3	2	0	0	1		
Eberstein	610					9.2	19.	-10.8	27.	0.5			3.5	S	8	8	29.				1	1	0	0	0			
Glanhofen	636					11.4	15.	-11.2	27.	0.0			4.1	NW	20	19	29.	2	5	13	2	2	0	0	0			
Gutting	642					14.0	22.	-12.8	27.	-0.3			3.3	N	9	7	29.	18	3	9	1	1	0	0	0			
Radweg	692					12.6	15.	-11.4	27.	0.0			5.2	S	13	12	29.	9	8	13	2	2	0	0	2			
Mittewald	697					13.8	15.	-9.8	27.	0.8		7.9	4.9	SW	8	8	25.	11	4	15	1	1	0	0	0			
Gmünd	728					10.4	16.u.19.	-11.0	26.	1.2			5.0	N	5	5	29.				2	2	0	0	0			
Radsberg	742					12.5	15.	-9.8	27.	0.4			4.5	SW	20	17	29.	13	5	12	9	2	2	0	0	0		
Bleiberg	927	698.8	22.	665.3	29.	689.3	10.0	16.	-13.4	26.	-0.4	3.7	7.6	2.2	W	38	21	29.	21	1	8	2	2	0	0	0		
Wind.-Bleib.	942					14.2	19.u.21.	-14.0	26.	-1.0	3.9	8.5	2.7	N	5	5	20.	19	10	1	1	1	0	0	0			
Raibl	981					15.0	20.	-10.4	27.	1.0			3.0	N	29	27	30.	18	5	7	2	2	0	0	0			
Knappenberg	1045					12.8	19.	-10.7	27.	-0.4			3.1	SE	10	10	29.	19	8	3	1	1	0	0	0			
Reichenau	1059					13.8	20.	-12.4	27.	-0.7			2.4	S	9	9	30.	21	4	5	1	1	0	0	0			
Cornat	1067	690.4	22.	659.0	29.	682.4	15.0	20.	-10.8	27.	0.7	4.8	9.1	1.7	N	14	10	25	24	4	2	1	1	0	0	0		
Teichl	1170																											
St. Peter i. K.	1217					10.6	20.	-11.3	26.	0.1			2.9	W	5	4	29.	14	10	6	2	2	0	0	0			
Stelzing	1410					10.6	19.	-12.4	26.	0.9			2.3	NE	14	14	29.	22	4	4	1	1	0	0	0			
Obir	2047	606.5	22.	575.7	29.	598.8	10.4	19.	-16.6	26.	0.1	3.9	8.2	2.1	W	30	20	29.	21	6	3	2	2	0	0	3		
Sonnblick	3106	531.2	22.	502.1	29.	524.4	0.0	18.	-24.8	26.		7.4		W	33	19	29.	16	7	7	5	5	0	0	0	6		

# Die Stundenbeobachtungen 1897 in Klagenfurt mit dem Baro- und Thermo- graphen (System Frères Richard).

## A. Luftdruck in Millimetern.

Angaben des Instrumentes für die Beobachtungsstunden																											
Monat, Jahreszeit, Jahr	1	2	3	4	5	6	7	8	9	10	11	Mittag	1	2	3	4	5	6	7	8	9	10	11	12	Mittel	Max.	Min.
December 1896	22.64	22.61	22.64	22.66	22.65	22.68	22.74	22.82	22.91	23.00	23.04	22.93	22.78	22.61	22.54	22.48	22.48	22.52	22.53	22.59	22.63	22.67	22.75	22.79	22.69	24.8	20.6
Jänner 1897	20.82	20.78	20.75	20.70	20.63	20.57	20.56	20.59	20.63	20.69	20.67	20.59	20.44	20.29	20.19	20.14	20.18	20.14	20.17	20.20	20.25	20.27	20.26	20.25	20.45	21.9	19.0
Februar 1897	26.65	26.73	26.78	26.79	26.79	26.81	26.87	26.98	27.05	27.10	27.09	27.05	26.86	26.68	26.50	26.41	26.31	26.30	26.40	26.51	26.65	26.73	26.82	26.92	26.74	28.4	25.0
März 1897	19.47	19.52	19.55	19.59	19.68	19.74	19.83	19.85	19.81	19.75	19.53	19.26	18.97	18.61	18.53	18.45	18.43	18.50	18.58	18.66	18.75	18.84	18.95	19.05	19.16	21.4	17.1
April 1897	19.92	19.96	19.99	20.01	20.06	20.10	20.17	20.15	20.08	20.01	19.87	19.71	19.45	19.28	19.11	18.97	18.97	19.05	19.19	19.44	19.69	19.87	20.04	20.19	19.72	22.0	17.9
Mai 1897	18.53	18.53	18.55	18.58	18.63	18.78	18.91	18.94	18.86	18.74	18.62	18.51	18.38	18.27	18.12	18.13	17.93	17.84	17.93	18.01	18.15	18.33	18.45	18.54	18.43	20.7	16.8
Juni 1897	23.68	23.67	23.66	23.70	23.74	23.81	23.89	23.79	23.68	23.43	23.23	22.99	22.75	22.52	22.37	22.28	22.27	22.37	22.54	22.75	22.98	23.24	23.48	23.66	23.18	24.8	21.5
Juli 1897	21.78	21.81	21.84	21.91	21.98	22.03	22.11	22.01	21.86	21.71	21.53	21.28	20.99	20.71	20.59	20.48	20.46	20.54	20.72	20.97	21.20	21.39	21.53	21.66	21.38	23.0	19.8
August 1897	22.81	22.87	22.93	23.04	23.09	23.14	23.23	23.25	23.17	23.05	22.87	22.67	22.47	22.21	22.04	21.88	21.81	21.86	21.04	22.25	22.41	22.59	22.72	22.84	22.64	24.1	21.1
September 1897	23.68	23.72	23.73	23.75	23.77	23.84	23.94	24.08	24.23	24.23	24.11	23.83	23.45	23.05	23.15	22.60	22.48	22.53	22.78	23.01	23.28	23.41	23.49	23.58	23.47	25.4	21.6
October 1897	27.19	27.22	27.24	27.22	27.22	27.18	27.50	27.21	27.29	27.34	27.30	27.15	26.97	26.79	26.67	26.58	26.50	26.74	26.88	27.06	27.25	27.37	27.44	27.49	27.14	28.3	26.0
November 1897	30.80	30.78	30.72	30.71	30.71	30.73	30.77	30.85	30.93	30.95	30.94	30.84	30.55	30.32	30.20	30.14	30.16	30.20	30.25	30.48	30.37	30.40	30.45	30.47	30.57	32.4	28.7
Winter 1897	23.37	23.37	23.39	23.38	23.36	23.35	23.39	23.46	23.53	23.60	23.60	23.52	23.36	23.19	23.08	23.01	22.99	22.99	23.03	23.10	23.18	23.22	23.28	23.32	23.29	25.0	21.5
Frühling 1897	19.31	19.34	19.36	19.39	19.26	19.54	19.64	19.65	19.58	19.50	19.34	19.16	18.93	18.72	18.59	18.52	18.44	18.46	18.57	18.70	18.86	19.01	19.15	19.26	19.10	21.4	17.3
Sommer 1897	22.76	22.78	22.81	22.88	22.94	22.99	23.08	23.02	22.90	22.73	22.54	22.31	22.07	21.81	21.67	21.55	21.51	21.59	21.43	21.99	22.20	22.41	22.58	22.72	22.40	24.0	20.8
Herbst 1897	27.22	27.24	27.23	27.23	27.23	27.25	27.40	27.38	27.48	27.51	27.45	27.27	26.99	26.72	26.67	26.44	26.38	26.49	26.64	26.85	26.97	27.06	27.13	27.18	27.06	28.7	25.4
<b>Jahr 1897</b>	23.16	23.18	23.20	23.22	23.20	23.28	23.38	23.38	23.37	23.33	23.23	23.06	22.84	22.61	22.50	22.38	22.33	22.38	22.42	22.66	22.80	22.92	23.03	23.12	22.96	24.8	21.2

## B. Luftwärme in Celsiusgraden.

December 1896	-3.18	-3.26	-3.33	-3.40	-3.45	-3.50	-3.54	-3.44	-3.24	-2.86	-2.23	-1.57	-1.24	-1.02	-0.86	-0.89	-1.09	-1.48	-1.90	-2.31	-2.73	-2.82	-2.89	-2.95	-2.46	-0.4	-4.5
Jänner 1897	-4.27	-4.43	-4.60	-4.80	-5.02	-5.26	-5.46	-5.46	-5.00	-4.29	-3.52	-2.71	-2.13	-1.46	-1.33	-1.37	-1.74	-2.15	-2.58	-3.01	-3.43	-3.74	-4.02	-4.26	-3.59	-1.2	-6.0
Februar 1897	-2.61	-2.99	-3.38	-3.73	-4.09	-4.37	-4.62	-4.29	-3.33	-1.38	-0.14	+1.51	+2.52	+3.69	+3.80	+3.40	+3.30	2.58	1.54	0.44	-0.47	-0.87	-1.30	-1.68	-0.66	4.2	-5.1
März 1897	4.79	4.32	3.84	3.36	2.91	2.50	2.16	3.03	4.55	6.28	8.06	9.85	10.88	11.85	12.26	12.45	11.82	11.05	9.76	8.29	6.97	6.47	5.93	5.33	7.03	12.9	1.9
April 1897	6.86	6.44	6.01	5.62	5.20	4.76	4.12	3.86	3.03	1.66	0.16	1.55	3.00	4.62	6.14	7.45	8.26	8.88	9.26	9.46	9.44	9.14	8.66	8.06	7.03	12.9	1.9
Mai 1897	9.40	8.92	8.46	8.00	7.66	8.17	9.46	10.63	11.78	12.89	14.04	15.12	15.49	15.57	15.63	15.59	15.32	14.93	13.77	12.62	11.46	10.95	10.44	9.99	11.93	17.1	6.6
Juni 1897	14.63	14.01	13.47	12.90	12.85	14.12	15.86	17.08	18.34	19.66	20.93	22.22	22.66	23.18	23.32	23.28	22.99	22.74	20.91	19.24	17.65	16.90	16.18	15.46	18.36	24.7	12.1
Juli 1897	16.84	16.30	15.75	15.22	14.76	15.81	17.52	18.68	19.89	21.06	22.18	23.27	24.13	24.92	25.19	25.20	24.80	24.36	22.48	20.58	18.88	18.37	17.88	17.28	20.05	26.2	14.4
August 1897	15.42	14.96	14.56	14.23	13.92	14.44	15.11	16.37	17.61	18.82	19.93	21.08	21.89	22.64	22.79	22.56	22.22	21.48	20.12	18.75	17.50	17.01	16.51	16.12	18.17	23.4	13.4
September 1897	12.21	11.86	11.69	11.48	11.25	11.28	11.73	12.79	13.95	15.31	16.29	17.49	18.30	19.08	19.27	19.15	18.33	17.26	16.12	14.96	13.82	13.35	12.85	12.42	14.68	19.6	10.4
October 1897	5.99	5.81	5.62	5.45	5.33	5.29	5.30	5.73	6.56	7.64	8.77	9.74	10.20	10.83	10.89	10.75	10.20	9.33	8.47	7.59	6.76	6.36	6.06	5.78	7.52	11.28	4.2
November 1897	-0.99	-1.16	-1.27	-1.39	-1.44	-1.46	-1.48	-1.25	-0.79	-0.03	0.76	1.56	2.14	2.69	2.68	2.54	2.11	1.56	1.01	0.48	-0.05	-0.40	-0.71	-1.01	0.17	2.98	-1.8
Winter 1897	-3.35	-3.56	-3.77	-3.98	-4.19	-4.38	-4.54	-4.40	-3.68	-2.84	-1.96	-0.76	-0.28	0.40	0.54	0.38	0.16	-0.35	-0.98	-1.63	-1.90	-2.48	-2.74	-2.96	-2.24	0.9	-5.2
Frühling 1897	7.02	6.56	6.10	5.66	5.26	5.32	5.80	6.95	8.33	9.78	11.22	12.66	13.42	14.01	14.15	14.02	13.44	12.70	11.50	10.24	9.08	8.61	8.09	7.60	9.48	15.0	4.4
Sommer 1897	15.63	15.09	14.59	14.12	13.84	14.79	16.16	17.38	18.61	19.85	21.01	22.19	22.89	23.58	23.77	23.68	23.34	22.86	21.17	19.52	18.01	17.43	16.86	16.29	18.86	24.8	13.3
Herbst 1897	5.74	5.54	5.35	5.18	5.05	5.04	5.18	5.76	6.24	7.61	8.61	9.60	10.21	10.87	10.95	10.81	10.21	9.38	8.53	7.68	6.84	6.44	6.07	5.73	7.46	11.3	4.2
<b>Jahr 1897</b>	6.26	6.88	5.57	5.24	4.99	5.19	5.65	6.42	7.37	8.60	9.72	10.92	11.56	12.21	12.35	12.22	11.79	11.15	10.05	8.95	8.01	7.50	7.07	6.66	8.39	13.0	4.2



# Das Witterungsjahr 1897 in Klagenfurt.

Von F. Seeland.

Monat, Jahreszeit, Jahr	Luftdruck in Millimeter				Luftwärme in Celsius°					Dunstdruck		Feuchtigkeit %	Bewölkung	Herrschender Wind	Niederschlag			Tage			Darunter mit					Ozon		Grund- wasser		Magnet. Declin.		Sonnenschein				Verdunstung		Schneehöhe mm
	Grösster	am	Kleinster	Mittel	Grösste	am	Kleinste	am	Mittel	mm	mm				Summe	Grösster in 24 h	am	heiter	h. heiter	trüb	Niederschlag	Schnee	Hagel	Gewitter	Sturm	Nebel	7 h	9 h	Meter Seehöhe	0	1	Stun- den	%	Inten- sität 1-3	mm	mm		
December 1896	734.0	31.	705.2	15.	722.66	3.0	24.	-11.2	1. 2.	-2.52	3.5	85.7	8.5	NE	73.6	13.8	19.	3	1	27	13	3	0	2	0	25	8.5	3.3	437.026	9	26.2	30.2	11.6	0.6	2.6	226		
Jänner 1897	733.1	2.	698.6	22.	720.36	3.6	18.	-18.4	30.	-3.60	3.2	84.5	6.2	SE	22.0	13.5	23.	9	6	16	7	3	0	0	0	20	8.0	3.2	436.894	9	24.5	71.1	25.5	1.3	2.2	260		
Februar 1897	736.7	24.	712.6	2.	726.75	10.4	27.	-14.2	1.	-0.61	3.2	74.3	4.1	NW	1.7	0.6	7 15.	11	11	6	4	3	0	0	2	7	7.8	4.3	436.694	9	22.3	124.9	43.5	2.1	8.1	15		
März 1897	727.6	10.	706.4	29.	718.96	20.1	25.	-3.7	5.	6.88	6.9	87.8	5.3	NW	41.2	13.8	31.	10	8	13	9	1	0	0	2	1	9.4	7.4	436.547	9	22.8	148.4	41.6	2.2	85.1	0		
April 1897	729.4	17.	704.0	2.	719.79	23.2	30.	0.2	6.	9.50	7.4	82.0	6.0	SE	50.5	20.0	15.	7	10	13	9	0	1	2	1	4	10.2	9.1	436.488	9	21.5	132.8	31.8	1.9	31.0	0		
Mai 1897	725.8	30.	709.0	27.	718.44	23.4	29. 31.	1.3	7 12.	11.77	7.1	68.8	6.6	SW	251.7	59.2	7.	4	9	18	21	6	0	2	0	3	10.8	8.5	436.942	9	20.9	178.4	37.2	1.7	35.9	86		
Juni 1897	730.1	13.	717.9	9. 17.	723.13	28.4	26.	6.3	19.	18.50	10.6	66.2	4.4	NE	126.6	34.6	9.	10	10	10	14	0	0	11	2	6	9.7	9.0	437.844	9	20.5	278.6	57.9	2.5	35.0	0		
Juli 1897	726.3	12.	715.8	27.	721.23	32.8	1.	11.2	29.	20.08	10.9	62.9	4.8	NE	109.8	30.3	27.	13	10	8	11	0	0	7	2	0	9.6	8.7	437.314	9	21.7	250.2	51.7	2.3	59.6	0		
August 1897	727.5	11.	717.2	23.	722.63	27.4	19.	10.6	21.	18.09	13.6	84.7	4.5	NE	138.8	40.5	9.	10	14	7	13	0	0	7	0	8	7.8	8.7	437.118	9	21.4	249.8	55.6	2.6	32.2	0		
September 1897	732.8	26.	711.9	20.	723.43	27.6	4.	7.3	8.	14.64	10.9	84.7	5.4	NE	66.2	23.7	17.	10	11	9	10	0	0	0	2	1	7.2	8.0	436.867	9	20.3	161.8	43.2	2.1	18.3	0		
October 1897	735.0	28.	718.0	5.	727.08	21.2	2.	-0.8	11.	7.41	6.6	81.9	6.4	NE	51.8	26.2	16.	8	6	17	8	1	0	1	0	15	7.0	4.8	436.606	9	19.4	96.3	28.6	1.5	10.7	0		
November 1897	739.7	22	704.3	29.	730.46	11.2	15.	-9.7	27.	0.27	3.9	82.4	6.5	NE	16.4	15.6	29.	8	5	17	2	2	0	0	1	23	7.5	3.3	436.356	9	19.5	62.5	22.5	1.1	4.9	52		
Winter 1897	734.6	—	705.5	—	723.26	5.7	—	-14.6	—	-2.24	3.3	81.5	6.3	NW	107.3	9.3	—	23	18	49	24	9	0	2	2	52	8.1	3.6	436.871	9	24.3	226.2	26.9	1.3	4.4	501		
Frühling 1897	727.6	—	706.5	—	719.03	22.2	—	-0.7	—	9.38	7.1	79.5	6.0	NW SW	343.4	31.0	—	21	27	44	39	7	1	4	3	8	10.1	8.3	436.659	9	21.7	459.6	36.9	1.9	152.0	36		
Sommer 1897	728.0	—	717.0	—	722.33	29.5	—	9.4	—	18.89	11.7	71.3	4.5	NE	375.2	35.1	—	33	34	25	38	0	0	25	4	14	9.0	8.8	437.425	9	21.2	778.6	55.1	2.5	126.8	0		
Herbst 1897	735.8	—	711.4	—	726.99	20.0	—	-1.1	—	7.44	7.1	83.0	6.1	NE	134.4	21.8	—	26	22	43	20	3	0	1	3	39	7.2	5.4	436.610	9	19.7	320.6	31.4	1.6	33.9	52		
<b>Jahr 1897</b>	<b>731.5</b>	<b>—</b>	<b>710.1</b>	<b>—</b>	<b>722.90</b>	<b>19.3</b>	<b>—</b>	<b>-1.7</b>	<b>—</b>	<b>8.37</b>	<b>7.3</b>	<b>78.8</b>	<b>5.7</b>	<b>NE</b>	<b>960.3</b>	<b>24.3</b>	<b>—</b>	<b>103</b>	<b>101</b>	<b>161</b>	<b>121</b>	<b>19</b>	<b>1</b>	<b>32</b>	<b>12</b>	<b>113</b>	<b>8.6</b>	<b>6.5</b>	<b>436.891</b>	<b>9</b>	<b>21.7</b>	<b>1785.8</b>	<b>37.7</b>	<b>1.8</b>	<b>317.1</b>	<b>639</b>		
					<b>+0.79</b>					<b>+0.83</b>					<b>-14.1</b>			<b>28.2%</b>	<b>27.7%</b>	<b>44.1%</b>	<b>33.2%</b>						<b>7.6</b>				<b>-71.9</b>			<b>33%</b>				

## Dauer des Sonnenscheins.

Station Klagenfurt.

(Autograph.)

Jahr 1897.

Monat, Jahreszeit, Jahr	3-4 h	4-5 h	5-6 h	6-7 h	7-8 h	8-9 h	9-10 h	10-11 h	11-12 h (Mittag)	12-1 h	1-2 h	2-3 h	3-4 h	4-5 h	5-6 h	6-7 h	7-8 h	8-9 h	Tages-Summe			Tages- länge		Sonnenschein		
																			Vorm.	Nachm.	Überht.	Stunden	Stunden	%	Intensität	
December 1896						.01	.06	.09	.17	.20	.19	.16	.10	.01						0.33	0.65	1.00	8.3	30.2	11.62	0.6
Jänner 1897						.09	.20	.33	.36	.38	.36	.34	.23	.01						0.98	1.32	2.30	8.8	71.1	25.46	1.3
Februar 1897					.06	.21	.38	.55	.59	.57	.60	.64	.55	.29	.02					1.79	2.67	4.46	9.8	124.9	43.50	2.1
März 1897				.02	.02	.51	.55	.53	.65	.58	.45	.53	.44	.20	.01					2.28	2.21	4.49	11.9	148.4	41.62	2.2
April 1897			.03	.17	.37	.44	.53	.50	.49	.40	.37	.35	.38	.27	.09	.03				2.53	1.89	4.42	13.6	132.8	31.84	1.9
Mai 1897	.02	.20	.31	.44	.48	.59	.53	.54	.52	.44	.45	.37	.36	.26	.23	.02				3.11	2.65	5.76	15.2	178.4	37.23	1.7
Juni 1897	.15	.54	.68	.74	.78	.81	.77	.75	.73	.67	.63	.56	.51	.48	.42	.07				5.22	4.07	9.29	15.9	278.6	57.94	2.5
Juli 1897	.09	.51	.55	.63	.69	.71	.67	.68	.60	.68	.61	.54	.52	.37	.25	.03				4.53	3.60	8.13	15.6	250.2	51.72	2.3
August 1897		.13	.35	.54	.65	.71	.67	.64	.74	.76	.67	.69	.70	.57	.22	.01				3.70	4.35	8.05	14.2	249.8	55.57	2.6
September 1897		.01	.10	.24	.42	.50	.60	.62	.61	.61	.59	.56	.41	.07	.01					2.49	2.86	5.35	12.5	161.8	43.17	2.1
October 1897				.07	.17	.29	.37	.37	.41	.44	.43	.38	.16							1.27	1.82	3.09	10.8	96.3	28.56	1.5
November 1897				.05	.11	.22	.23	.32	.32	.40	.39	.35	.02							0.61	1.48	2.09	9.2	62.5	22.50	1.1
Winter 1897				.02	.10	.21	.32	.37	.38	.38	.38	.29	.10	.01						1.03	1.55	2.58	9.0	226.2	26.86	1.3
Frühling 1897	.01	.08	.17	.28	.48	.56	.52	.56	.50	.42	.44	.40	.28	.12	.09	.01				2.64	2.25	4.89	13.6	459.6	36.90	1.9
Sommer 1897	.08	.39	.53	.64	.71	.74	.71	.69	.69	.70	.64	.60	.58	.47	.30	.03				4.48	4.01	8.49	15.2	778.6	55.08	2.5
Herbst 1897		.00	.00	.10	.21	.30	.40	.41	.45	.48	.47	.43	.20	.02	.00					1.46	2.05	3.51	10.8	320.6	31.41	1.6
<b>Jahr 1897</b>		<b>.02</b>	<b>.12</b>	<b>.17</b>	<b>.26</b>	<b>.38</b>	<b>.45</b>	<b>.49</b>	<b>.51</b>	<b>.50</b>	<b>.49</b>	<b>.48</b>	<b>.43</b>	<b>.29</b>	<b>.15</b>	<b>.10</b>	<b>.01</b>		<b>2.40</b>	<b>2.46</b>	<b>4.86</b>	<b>12.1</b>	<b>1785.0</b>	<b>37.57</b>	<b>1.8</b>	

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Zoologisch-Botanische Datenbank/Zoological-Botanical Database

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

Jahr/Year: 1898

Band/Volume: [25](#)

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

Artikel/Article: [Meteorologische Tabellen 1897. Magnetische und meteorologische Beobachtungen zu Klagenfurt. 1-57](#)