

III.

# Nachrichten aus der Meteorologischen Station zu Wiesbaden.

---

## Ergebnisse

der

## meteorologischen Beobachtungen

der

## Station II. Ordnung Wiesbaden

### **im Jahre 1909.**

Von

**Eduard Lampe,**

Custos des Naturhistorischen Museums, Vorsteher der meteorologischen  
Station Wiesbaden.

---



# Jahres-Uebersicht.

<i>Luftdruck:</i>	Mittel . . . . .	751,5 mm
	Maximum am 1. Januar . . . . .	771,5 "
	Minimum , 3. Dezember . . . . .	727,8 "
<i>Lufttemperatur:</i>	Mittel . . . . .	9,2° C.
	Maximum am 2. Juni . . . . .	30,4° "
	Minimum , 1. Januar . . . . .	-11,5° "
	Grösstes Tagesmittel , 8. August . . . . .	23,1° "
	Kleinstes , 1. Januar . . . . .	-7,0° "
	Zahl der Eistage . . . . .	8
	, Frosttage . . . . .	86
	, Sommertage . . . . .	18
<i>Feuchtigkeit:</i>	mittlere absolute . . . . .	7,2 mm
	, relative . . . . .	76,9 %
<i>Bewölkung:</i>	mittlere . . . . .	6,2
	Zahl der heiteren Tage . . . . .	56
	, trüben , . . . . .	129
<i>Niederschläge:</i>	Jahressumme . . . . .	573,6 mm
	Grösste Höhe eines Tages am 7. Juli . . . . .	35,2 "
	Zahl der Tage mit Niederschl. mindestens 0,1 mm .	176
	, " " " mehr als 0,2 mm .	152
	, " " " mindestens 1,0 mm .	108
	, " " " Schnee mindestens 0,1 mm .	32
	, " " " Schneedecke . . . . .	27
	, " " " Hagel . . . . .	3
	, " " " Graupeln . . . . .	3
	, " " " Tau . . . . .	58
	, " " " Reif . . . . .	40
	, " " " Nebel . . . . .	11
	, " " " Gewitter . . . . .	13
<i>Winde:</i>	Zahl der beobachteten Winde	
	N    NE    E    SE    S    SW    W    NW	Windstille
	102    222    66    77    26    269    141    158	34
	Mittlere Windstärke . . . . .	2,1
	Zahl der Sturmtage . . . . .	6

Oestliche Länge von Greenwich =  $8^{\circ} 14'$ . Nördliche Breite =  $50^{\circ} 5'$ .

Monat	Luftdruck auf $0^{\circ}\text{C}$ und Normalschwere reduziert					7 a	Lufttemperatur: $^{\circ}\text{C}$						
	Mittel	Maxi- mum	Datum	Mini- mum	Datum		2 p	9 p	Mittel	Mittl. Max.	Mittl. Min.	Absol. Max.	Datu
Januar . .	56.8	71.5	1.	35.0	14.	-2.0	1.6	-0.6	-0.4	2.2	-3.2	8.5	15.
Februar . .	54.2	64.7	21.	40.8	10.	-1.3	2.4	0.1	0.3	3.2	-2.4	10.3	4.
März . . .	42.9	51.3	27. 28.	31.4	15.	1.7	6.8	3.9	4.1	7.4	0.7	16.6	29.
April . . .	52.6	65.6	4.	41.8	13.	7.6	14.6	9.6	10.3	15.2	5.6	24.2	24.
Mai . . . .	54.7	64.0	3.	46.0	25.	10.7	17.7	12.6	13.4	18.5	7.6	28.5	23.
Juni . . . .	50.6	60.3	19.	44.0	5.	13.7	18.7	14.6	15.4	20.2	10.8	30.4	2.
Juli . . . .	50.9	58.1	18.	36.5	7.	14.5	19.8	16.1	16.6	20.9	12.1	26.1	25.
August . . .	52.4	58.9	20.	42.1	31.	16.0	22.0	17.0	18.0	23.0	13.7	30.2	8.
September .	52.3	58.4	3.	44.3	5.	11.8	17.9	13.6	14.2	18.6	10.3	24.0	10.
Oktober . .	51.6	60.8	22.	40.6	27.28.	9.0	13.6	10.0	10.7	14.2	7.7	20.2	4.
November . .	51.6	60.7	23.	38.0	13.	2.5	5.4	4.1	3.9	6.1	1.5	11.6	1.
Dezember . .	47.1	63.4	9.	27.8	3.	2.8	4.8	3.1	3.4	5.7	1.3	12.3	3.
Jahres-Mittel .	51.5					7.2	12.1	8.7	9.2	12.9	5.5		
		71.5	1/I	27.8	3/XII							30.4	2/V

Monat	Zahl der Tage mit										
	Niederschlag	Schnee mindestens 0,1 mm	Schnee- decke	Hagel	Grau- peln	Reif	Tau	Glatt- eis	Nebel		
Monat	min- destens 0,1 mm	mehr als 0,2 mm	min- destens 1,0 mm	*	☒	▲	△	—	○	∞	=
Januar . .	14	12	10	8	8	—	—	12	—	4	5
Februar . .	16	14	9	11	9	—	1	11	—	—	—
März . . .	16	15	11	8	8	—	—	6	—	—	—
April . . .	14	12	8	1	—	—	1	—	—	—	—
Mai . . . .	7	6	3	—	—	1	—	—	—	—	—
Juni . . . .	15	12	10	—	—	1	—	—	—	7	—
Juli . . . .	18	17	13	—	—	—	—	—	—	22	—
August . . .	12	10	6	—	—	1	—	—	—	16	—
September .	14	12	10	—	—	—	—	—	—	11	—
Oktober . .	18	16	9	—	—	—	—	—	—	2	—
November . .	12	10	8	3	2	—	—	7	2	—	—
Dezember . .	20	16	11	1	—	—	1	4	—	2	—
Jahres-Summe .	176	152	108	32	27	3	3	40	58	6	11

**Übersicht von 1909.**

Stunden in Ortszeit = M.-E.-Z. = 27 Minuten.

Absol. Min.	Datum	Absolute Feuchtigkeit mm				Relative Feuchtigkeit %				Bewölkung 0-10				Niederschlag mm		
		7 a	2 p	9 p	Mit- tel	7 a	2 p	9 p	Mit- tel	7 a	2 p	9 p	Mit- tel	Summe in 24 Std.	Max. Datum	
-11.5	1.	3.7	3.9	3.7	3.8	90.2	74.5	83.5	82.7	7.1	6.0	5.6	6.2	38.4	8.1	8., 14.
-6.6	2.	3.6	3.9	3.7	3.8	85.5	71.1	79.2	78.6	6.8	5.9	4.1	5.6	32.9	11.9	4.
-6.4	1.	4.5	4.7	4.8	4.7	84.4	63.1	78.1	75.2	8.4	8.1	6.6	7.7	18.7	3.4	26.
-0.9	4.	5.9	5.7	6.2	5.9	72.6	45.6	68.2	62.1	5.6	5.3	3.6	4.8	40.9	11.2	13.
0.7	3.	6.6	6.6	7.1	6.8	67.5	43.5	64.0	58.3	3.5	4.4	3.5	3.8	11.3	6.6	26.
6.5	12.	9.3	10.1	9.7	9.7	79.4	64.3	78.4	74.0	6.2	6.7	5.7	6.2	47.1	12.8	30.
8.8	3.	10.5	11.6	11.5	11.2	85.5	68.0	84.3	79.3	7.2	7.9	7.3	7.5	77.0	35.2	7.
8.6	23.	11.3	12.1	12.0	11.8	83.5	62.2	82.5	76.0	5.4	5.9	3.4	4.9	60.0	18.4	3.
5.6	4.	9.4	10.2	9.9	9.8	90.5	66.8	85.7	81.0	6.1	5.3	5.4	5.6	66.6	21.5	25.
1.7	26.	8.2	9.2	8.5	8.6	94.0	78.2	91.3	87.9	7.8	7.1	6.0	7.0	81.8	18.8	6.
-5.1	20.	5.0	5.4	5.3	5.2	88.7	80.0	86.4	85.0	8.0	7.5	8.1	7.9	32.8	8.0	17.
-5.9	17.	4.9	5.1	4.9	5.0	85.8	78.0	83.9	82.5	8.5	7.4	7.2	7.7	66.1	9.5	2.
		6.9	7.4	7.3	7.2	84.0	66.3	80.5	76.9	6.7	6.5	5.5	6.2	573.6		
-11.5	1/I													Jahres- summe	35.2	7/VII

Ge- witter	Wetter- leuch- ten	Z a h l d e r						Windverteilung Zahl der Beobachtungen mit								Wind- Stärke	
		hei- teren	trüben	Sturm-	Eis-	Frost-	Sommer-	N	NE	E	SE	S	SW	W	NW		
☒	↖	T a g e															
—	—	7	10	—	5	26	—	4	26	3	16	1	16	16	9	2	1.7
—	—	5	8	2	2	22	—	11	18	9	5	1	10	9	21	—	2.3
—	—	—	15	—	—	17	—	1	16	9	11	4	39	6	7	—	2.2
—	—	11	9	—	—	3	—	9	21	3	4	4	21	17	11	—	2.4
2	—	9	3	—	—	—	2	12	37	10	5	1	7	10	11	—	2.7
3	—	4	8	—	—	—	3	14	12	3	4	2	20	8	26	1	2.1
1	—	—	16	—	—	—	3	6	2	4	2	2	35	27	13	2	2.1
4	—	7	5	—	—	—	9	10	10	8	4	2	25	8	18	8	1.7
2	—	6	8	1	—	—	—	14	21	2	6	—	19	5	9	14	1.5
1	—	2	10	1	—	—	—	4	16	8	16	2	24	4	14	5	1.7
—	—	2	19	—	—	9	—	7	25	3	1	5	17	20	12	—	2.0
—	—	3	18	2	1	9	—	10	18	4	3	2	36	11	7	2	2.2
13	—	56	129	6	8	86	18	102	222	66	77	26	269	141	158	34	2.1 Jahres- mitteln

6

## Station Wiesbaden.

Monat

1.

2.

3.

Tag	Luftdruck (Barometerstand auf 0° und Normalschwere reduziert) 700 mm +				Temperatur-Extreme (abgelesen 9 p) °C			Luft- °C	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Minи- mum	Diffe- renz	7 a	2 p
1	71.5	71.2	71.4	71.4	-4.4	-11.5	7.1	-11.3	-7.1
2	70.9	70.5	70.3	70.6	-2.0	-4.7	2.7	-4.6	-3.4
3	70.1	70.1	70.9	70.4	0.0	-2.0	2.0	-1.5	-0.2
4	71.3	71.0	71.4	71.2	0.5	-0.9	1.4	-0.3	0.3
5	70.2	69.4	68.0	69.2	1.3	-1.1	2.4	-0.2	1.1
6	65.4	63.6	63.4	64.1	1.0	-2.5	3.5	-0.7	0.3
7	62.0	59.3	54.0	58.4	0.4	-1.6	2.0	-1.1	0.1
8	43.5	43.1	42.0	42.9	2.8	-0.3	3.1	1.4	2.7
9	48.8	52.9	55.0	52.2	1.6	-1.3	2.9	0.6	1.1
10	55.3	54.7	54.5	54.8	0.9	-6.3	7.2	-3.0	-1.1
11	50.5	47.5	45.8	47.9	1.7	-6.6	8.3	-2.7	0.4
12	44.2	44.6	48.1	45.6	7.1	1.4	5.7	2.7	6.8
13	47.8	41.7	36.5	42.0	3.3	-0.7	4.0	-0.6	1.1
14	35.0	39.5	42.4	39.0	7.3	2.2	5.1	5.7	6.9
15	38.4	38.1	43.1	39.9	8.5	3.4	5.1	5.7	8.5
16	47.1	47.0	51.5	48.5	6.4	-0.6	7.0	-0.1	6.2
17	58.4	61.1	63.3	60.9	5.5	1.2	4.3	2.9	5.3
18	62.4	60.6	59.0	60.7	4.2	0.5	3.7	0.7	3.9
19	56.8	54.9	55.9	55.9	3.1	-1.7	4.8	-0.7	3.0
20	57.1	58.5	61.1	58.9	-1.7	-5.6	3.9	-4.3	-3.0
21	62.1	62.4	62.0	62.2	-0.7	-5.8	5.1	-5.4	-1.8
22	60.3	57.8	56.8	58.3	1.1	-3.8	4.9	-2.8	0.9
23	55.1	55.8	56.8	55.9	0.1	-4.7	4.8	-4.0	-0.4
24	57.7	57.1	58.3	57.7	1.4	-6.8	8.2	-6.6	1.4
25	59.3	60.3	61.9	60.5	2.2	-6.0	8.2	-5.8	1.7
26	62.9	63.2	63.6	63.2	3.2	-7.2	10.4	-7.0	2.9
27	64.2	62.6	62.7	63.2	5.9	-6.0	11.9	-5.9	5.5
28	62.3	61.1	61.3	61.6	4.0	-4.1	8.1	-3.9	3.8
29	60.4	58.5	56.6	58.5	-0.5	-6.8	6.3	-6.6	-1.2
30	47.1	45.8	48.9	47.3	2.3	-6.6	8.9	-3.6	2.0
31	47.7	46.6	46.2	46.8	1.8	-1.1	2.9	-0.5	1.6
Monats-Mittel	57.0	56.5	56.9	56.8	2.2	-3.2	5.4	-2.0	1.6

## PENTADEN - ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschlag
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
1.— 5. Jan.	352.8	70.6	-10.8	-2.2	48.0	9.6	1.5
6.—10. "	272.4	54.5	-3.5	-0.7	38.6	7.7	9.3
11.—15. "	214.4	42.9	15.9	3.2	42.3	8.5	12.4
16.—20. "	284.9	57.0	3.4	0.7	25.6	5.1	7.9
21.—25. "	294.6	58.9	-11.6	-2.3	18.7	3.7	—
26.—30. "	293.8	58.8	-6.9	-1.4	12.0	2.4	3.5

Januar 1909.

Beobachter Lampe.

7

4.

5

temperatur		absolute Feuchtigkeit mm				relative Feuchtigkeit %				Tag
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	
-4.7	-7.0	1.7	2.2	2.7	2.2	93	84	84	87.0	1
-2.0	-3.0	3.1	3.3	3.7	3.4	98	93	94	95.0	2
-0.1	-0.5	3.9	4.4	4.3	4.2	94	94	94	94.0	3
-0.9	-0.4	4.3	4.2	4.0	4.2	96	90	94	93.3	4
-0.3	0.1	4.4	4.9	4.3	4.5	94	90	96	93.3	5
-1.0	-0.6	4.2	4.3	3.7	4.1	96	92	86	91.3	6
0.2	-0.2	2.7	4.1	4.2	4.0	86	89	90	88.3	7
-0.3	0.9	4.7	4.1	3.7	4.2	93	74	83	83.3	8
0.3	0.6	4.2	3.2	3.7	3.7	87	63	78	76.0	9
-6.3	-4.2	3.2	3.2	2.2	2.9	87	74	79	80.0	10
1.4	0.1	3.3	4.2	4.8	4.1	89	89	94	90.7	11
3.1	3.9	5.4	5.1	4.3	4.9	96	70	74	80.0	12
2.3	1.3	4.0	4.7	5.2	4.6	90	94	96	93.3	13
4.5	5.4	4.8	5.0	5.1	5.0	70	67	81	72.7	14
3.4	5.2	6.4	7.6	5.6	6.5	94	92	97	94.3	15
3.1	3.1	4.0	5.5	4.5	4.7	89	78	78	81.7	16
1.2	2.6	4.4	4.1	4.4	4.3	78	62	89	76.3	17
1.7	2.0	4.7	4.9	4.5	4.7	96	80	88	88.0	18
-1.7	-0.3	3.9	3.6	3.2	3.6	88	62	80	76.7	19
-4.3	-4.0	3.1	3.4	3.2	3.2	93	94	98	95.0	20
-1.3	-2.4	3.0	3.2	3.4	3.2	98	80	82	86.7	21
-2.1	-1.5	3.2	3.4	2.9	3.2	87	68	73	76.0	22
-1.2	-1.7	2.6	2.9	2.9	2.8	77	65	69	70.3	23
-3.8	-3.2	2.5	3.3	2.4	2.7	92	64	71	75.7	24
-3.6	-2.8	2.6	2.9	2.8	2.8	87	57	80	74.7	25
-1.9	-2.0	2.3	2.9	2.9	2.7	86	51	74	70.3	26
1.9	0.8	2.5	2.2	3.5	2.7	87	33	65	61.7	27
-2.1	-1.1	3.0	2.7	3.0	2.9	89	45	77	70.3	28
-4.8	-4.4	2.7	3.3	2.7	2.9	97	78	86	87.0	29
0.3	-0.2	3.4	3.5	3.8	3.6	98	66	80	81.3	30
0.2	0.4	4.0	3.6	3.7	3.8	90	71	80	80.3	31
-0.6	-0.4	3.7	3.9	3.7	3.8	90.2	74.5	83.5	82.7	

	Maximum	am	Minimum	am	Differenz
Luftdruck . . . .	771.5	1.	735.0	14.	36.5
Lufttemperatur . . .	8.5	15.	-11.5	1.	20.0
Absolute Feuchtigkeit .	7.6	15.	1.7	1.	5.9
Relative Feuchtigkeit .	98	2.20.21.30.	33	27.	65
Grösste tägliche Niederschlags Höhe . . . . .				8.1 am 8.14.	
Zahl der heiteren Tage (unter 2,0 im Mittel) . . . . .				7	
" " trüben Tage (über 8,0 im Mittel) . . . . .				10	
" " Sturmtage (Stärke 8 oder mehr) . . . . .				—	
" " Eistage (Maximum unter 0°) . . . . .				5	
" " Frosttage (Minimum unter 0°) . . . . .				26	
" " Sommertage (Maximum 25,0° oder mehr) . . . . .				—	

8

## Station Wiesbaden.

Monat

6.

7.

Tag	Bewölkung				Wind			
	ganz wolkenfrei = 0	ganz bewölkt = 10	Tages-	mittel	Richtung und Stärke	Windstille = 0	Orkan = 12	
	7 a	2 p	9 p		7 a	2 p	9 p	
1	6	8	10	8.0	SE	2	SE	2
2	10	10	10	10.0	N	1	SE	1
3	10	10	10	10.0	SE	1	SE	1
4	10	10	10	10.0	SE	1	SE	1
5	10	10	10	10.0	W	1	W	1
6	10	10	10	10.0	NW	1	SW	3
7	10	10	10	10.0	SW	2	SW	2
8	10	4	10	8.0	W	2	W	2
9	7	2	10	6.3	N	2	N	1
10	7	4	2	4.3	E	2	SW	2
11	10	10	10	10.0	SE	1	SE	1
12	10	7	0	5.7	SW	1	SW	2
13	8	10	10	9.3	SW	2	W	1
14	10	2	10	7.3	W	4	W	4
15	10	10	10	10.0	W	1	W	1
16	8	10	4	7.3	W	1	SW	2
17	2	7	7	5.3	NW	1	SW	1
18	10	4	0	4.7	NE	1	NE	1
19	1	0	0	0.3	NW	1	NW	1
20	4	10	10	8.0	SE	1	SE	1
21	10	10	10	10.0	SE	2	SE	1
22	4	0	0	1.3	NE	2	NE	2
23	10	8	0	6.0	NE	1	NE	2
24	2	0	0	0.7	NE	2	NE	2
25	2	0	0	0.7	NE	2	E	2
26	1	0	0	0.3	NE	2	NE	2
27	4	4	0	2.7	NE	2	NE	3
28	2	0	0	0.7	NE	1	E	2
29	2	2	0	1.3	NE	1	NE	1
30	10	4	7	7.0	SW	2	NW	4
31	10	9	4	7.7	SW	2	W	4
	7.1	6.0	5.6	6.2		1.5	1.8	
							Mittel 1.7	

Zahl der Tage mit:		
Niederschlag mindestens 1,0 mm . . . (●) *	10	
Niederschlag mehr als 0,2 mm . . . " "	12	
Niederschlag mindestens 0,1 mm . . . " "	14	
Schnee mindestens 0,1 mm . . . . . (★)	8	
Hagel . . . . . (▲)	—	
Graupeln . . . . . (△)	—	
Tau . . . . . (□)	—	
Reif . . . . . (—)	12	
Glatteis . . . . . (2)	3	
Nebel . . . . . (≡)	5	
Gewitter . . . . . (nah ☰, fern ☱)	—	
Wetterleuchten . . . . . (⌚)	—	

Januar 1909.

Beobachter Lampe.

9

8.

9.

Höhe 7a mm	N i e d e r s c h l a g Form und Zeit	Höhe der Schnee- decke in cm 7a	Bemer- kungen	Tag
—	f. Niederschlag 8 p-n	—	—	1
0.5	f. Niederschl. n + a + p ztw.	≡ 0	I ~ a + p	2
1.0	f. Niederschl. n.	—	—	3
—	—	—	a ~	4
—	f Niederschl. p.	—	— ≡ 18 p-n	5
0.2*	* n, * 0 v. 8 1/2 p - III - n	0	—	6
8.1*	* ● n, * 0 a ztw., * fl. einz. p	2	—	7
1.0*	* n, * 0 I - 8 a	3	—	8
0.0	—	3	—	9
0.2*	* n, * ● 1 ztw. a + p	2	—	10
2.3*	● n, 1-8 a, ● 0 ztw. p	1	—	11
0.6	* 1 + ztw. m. ● 0 11 1/2 a - 11 1/4 p, ● * 0 m. wen. Unterbr.	—	—	12
8.1*	● n, ● 0 7 1/2 - 8 1/2 a	[ - 2 1/2 p - III	—	13
1.2	● n, ● 0 11 1/4 a - II - 2 1/2 p, ● 2 v. 2 1/2 - 2 3/4, ● 0 - 4 p	—	—	14
6.4	● 0 · 1 3 1/4 - 5 p	—	I	15
1.5	—	—	—	16
—	—	—	—	17
—	—	—	fr. — 0 · 1	18
—	—	—	8 a - II - III - n	19
—	—	—	—	20
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
3.5*	* n, * 0 · 1 8 3/4 a ztw. - II * 0 einz. p	5	—	—
3.8*	* n, * 0 I - 8 a * 1 · 2 9 1/2 - 10 + oft a, * 1 · 2 oft p	10	—	—
38.4	Monatssumme.	26	—	—

## Wind - Verteilung.

	7a	2p^	9p	Summe
N	2	1	1	4
NE	9	7	10	26
E	1	2	—	3
SE	6	7	3	16
S	—	—	1	1
SW	5	6	5	16
W	5	6	5	16
NW	3	2	4	9
Still	—	—	2	2

10

## Station Wiesbaden.

Monat

1.

2.

3.

Tag	Luftdruck (Barometerstand auf 0° und Normalschwere reducirt) 700 mm +				Temperatur-Extreme (abgelesen 9 P.) °C			Luft- °C	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Minи- mum	Diffe- renz	7 a	2 p
1	44.5	41.6	48.7	44.9	2.2	-1.2	3.4	0.6	1.5
2	55.0	54.6	55.1	54.9	2.3	-6.6	8.9	-1.7	1.1
3	50.4	47.9	47.1	48.5	6.2	1.7	4.5	2.1	4.7
4	46.3	46.9	47.4	46.9	10.3	6.2	4.1	8.4	9.9
5	47.2	43.7	42.3	44.4	9.0	3.7	5.3	7.1	7.3
6	52.4	53.2	53.6	53.1	5.4	2.5	2.9	2.7	4.2
7	56.6	56.4	58.7	57.2	3.6	-0.8	4.4	1.1	1.7
8	61.0	61.2	62.1	61.4	0.5	-4.7	5.2	-4.5	0.2
9	60.2	55.1	50.2	55.2	0.9	-5.0	5.9	-4.9	0.4
10	43.5	40.8	41.6	42.0	3.2	-3.2	6.4	-0.7	1.9
11	42.6	43.8	46.5	44.3	3.3	-0.7	4.0	1.2	2.9
12	46.8	52.3	51.3	50.1	-0.2	-3.9	3.7	-2.9	-1.4
13	56.8	58.5	61.4	58.9	1.1	-5.5	6.6	-5.0	0.7
14	62.6	61.3	59.9	61.3	0.7	-3.0	3.7	-2.8	0.5
15	55.2	52.0	50.0	52.4	4.8	-3.1	7.9	-0.6	3.2
16	51.2	50.8	49.6	50.5	3.8	0.5	3.3	1.0	3.2
17	52.1	53.4	54.1	53.2	3.6	0.1	3.5	0.7	3.0
18	55.1	55.6	56.6	55.8	3.6	-2.8	6.4	-1.3	2.4
19	59.1	60.3	62.1	60.5	4.2	-3.8	8.0	-3.4	3.7
20	64.5	64.2	64.5	64.4	6.9	-3.6	10.5	-3.3	5.3
21	64.7	64.0	63.8	64.2	4.6	-3.0	7.6	-2.9	4.4
22	64.0	62.6	61.7	62.8	2.6	-2.9	5.5	-2.2	1.5
23	60.6	59.3	59.8	59.9	2.2	-3.3	5.5	-3.3	1.7
24	59.2	58.1	57.7	58.3	-0.6	-5.2	4.6	-5.0	-1.4
25	57.1	56.7	56.5	56.8	0.0	-4.9	4.9	-4.6	-0.9
26	54.9	53.3	54.3	54.2	1.4	-5.5	6.9	-4.3	1.2
27	55.7	54.4	52.7	54.3	2.0	-3.8	5.8	-3.7	2.0
28	48.8	46.9	47.2	47.6	1.6	-5.4	7.0	-4.9	0.9
Monats- Mittel	54.6	53.9	54.2	54.2	3.2	-2.4	5.6	-1.3	2.4

## PENTADEN-ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschlag
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
Jan. 31.—4. Dez.	242.0	48.4	15.0	3.0	43.7	8.7	22.8
5.—9. "	271.3	54.3	4.5	0.9	25.4	5.1	8.2
10.—14. "	256.6	51.3	-4.2	-0.8	33.1	6.6	1.5
15.—19. "	272.4	54.5	4.7	0.9	22.3	4.5	2.8
20.—24. "	309.6	61.9	-3.8	-0.8	19.4	3.9	0.1
25.—1. März	257.6	51.5	-9.4	-1.9	24.3	4.9	1.3

Februar 1909.

Beobachter Lampe.

11

4.

5.

temperatur		Absolute Feuchtigkeit mm				Relative Feuchtigkeit % Tages-				Tag
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	mittel	
-1.2	--0.1	4.2	3.4	3.4	3.7	87	67	80	78.0	1
1.8	0.8	3.5	3.9	3.9	3.8	86	79	75	80.0	2
6.2	4.8	4.5	5.1	5.6	5.1	84	79	79	80.7	3
9.0	9.1	6.8	7.1	7.1	7.0	82	79	83	81.3	4
3.7	5.4	6.4	6.0	5.0	5.8	86	79	83	82.7	5
3.6	3.5	5.0	5.2	4.6	4.9	89	84	78	83.7	6
-0.8	0.3	3.9	4.5	3.4	3.9	79	88	79	82.0	7
-3.1	-2.6	2.4	3.4	2.8	2.9	75	73	78	75.3	8
-1.9	-2.1	2.7	3.5	3.2	3.1	86	73	80	79.7	9
1.4	1.0	4.1	4.5	4.5	4.4	94	86	89	89.7	10
-0.7	0.7	4.5	3.7	3.2	3.8	91	66	73	76.7	11
-2.1	-2.1	3.0	3.2	3.1	3.1	81	78	79	79.3	12
-1.7	-1.9	2.5	3.6	3.0	3.0	81	73	74	76.0	13
-2.6	-1.9	3.3	3.6	3.1	3.3	89	75	83	82.3	14
2.7	2.0	3.8	4.8	4.1	4.2	86	83	74	81.0	15
1.8	2.0	3.7	3.7	4.2	3.9	73	65	80	72.7	16
0.4	1.1	4.0	3.2	4.1	3.8	83	57	87	75.7	17
-1.0	-0.2	3.8	4.1	3.0	3.6	90	75	71	78.7	18
-0.6	-0.2	3.1	3.1	3.3	3.2	89	52	75	72.0	19
0.4	0.7	3.3	4.5	3.9	3.9	94	68	82	81.3	20
-0.5	0.1	3.2	4.1	3.7	3.7	87	65	83	78.3	21
1.0	0.3	3.5	3.7	4.0	3.7	89	72	81	80.7	22
-2.8	-1.8	3.2	2.3	2.8	2.8	89	43	76	69.3	23
-3.0	-3.1	2.4	2.3	2.9	2.5	76	57	78	70.3	24
-2.8	-2.8	2.7	2.8	2.8	2.8	84	65	74	74.3	25
-1.4	-1.5	2.6	3.7	3.2	3.2	79	73	78	76.7	26
-2.3	-1.6	3.1	3.3	3.3	3.2	91	63	85	79.7	27
-0.9	-1.4	2.9	3.7	3.6	3.4	93	73	82	82.7	28
0.1	0.3	3.6	3.9	3.7	3.8	85.5	71.1	79.2	78.6	

	Maximum	am	Minimum	am	Differenz
Luftdruck . . . . .	764.7	21.	740.8	10.	23.9
Lufttemperatur . . . .	10.3	4.	-6.6	2.	16.9
Absolute Feuchtigkeit .	7.1	4.	2.3	23. 24.	4.8
Relative Feuchtigkeit .	94	10. 20.	43	23.	51
Grösste tägliche Niederschlags Höhe . . . . .			11.9	am 4.	
Zahl der heiteren Tage (unter 2.0 im Mittel) . . . . .					5
" " trüben Tage (über 8.0 im Mittel) . . . . .					8
" " Sturmtage (Stärke 8 oder mehr) . . . . .					2
" " Eistage (Maximum unter 0°) . . . . .					2
" " Frosttage (Minimum unter 0°) . . . . .					22
" " Sommertage (Maximum 25.00 oder mehr) . . . . .					—

12

## Station Wiesbaden.

6.

Monat

7.

Tag	Bewölkung				Wind			
	ganz wolkenfrei = 0		ganz bewölkt = 10		Richtung und Stärke		Windstille = 0	Orkan = 12
	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	
1	10	10	0	6.7	NW	2	NW	3
2	8	10	10	9.3	W	2	SW	2
3	10	10	10	10.0	SW	2	SW	4
4	10	10	10	10.0	W	2	W	2
5	10	10	10	10.0	SW	3	SW	4
6	10	8	8	8.7	W	3	W	2
7	8	4	2	4.7	NW	2	NW	2
8	0	0	0	0.0	NE	2	E	3
9	2	4	0	2.0	NE	1	NE	2
10	10	10	10	10.0	SE	2	S	1
11	10	10	6	8.7	NE	2	E	1
12	10	10	0	6.7	NW	2	N	3
13	2	1	2	1.7	N	2	N	4
14	8	8	2	6.0	NE	2	SE	2
15	10	10	0	6.7	SW	1	SW	1
16	6	8	8	7.3	NW	3	NW	3
17	6	6	0	4.0	NW	2	W	3
18	8	5	0	4.3	NW	2	NE	2
19	0	0	0	0.0	NW	2	NE	2
20	6	0	0	2.0	N	2	NW	2
21	2	0	0	0.7	N	1	NE	1
22	10	4	10	8.0	W	1	E	2
23	2	6	0	2.7	NE	2	NE	4
24	4	6	8	6.0	NW	3	NW	3
25	2	2	0	1.8	NW	3	N	4
26	8	4	10	7.3	E	2	E	3
27	8	2	0	3.3	NE	2	SE	2
28	10	8	8	8.7	E	1	SE	2
	6.8	5.9	4.1	5.6		2.0	2.5	2.4
							Mittel 2.3	

Zahl der Tage mit:		
Niederschlag mindestens 1,0 mm . . . (●)	*	9
Niederschlag mehr als 0,2 mm . . . . .	▲	14
Niederschlag mindestens 0,1 mm . . . . .	△	16
Schnee mindestens 0,1 mm . . . . .	(*)	11
Hagel . . . . .	(▲)	—
Graupeln . . . . .	(△)	1
Tau . . . . .	(□)	—
Reif . . . . .	([ ])	11
Glatteis . . . . .	{(2)}	—
Nebel . . . . .	(≡)	—
Gewitter . . . . .	(nah ☼, fern ☿)	—
Wetterleuchten . . . . .	(<)	—

Februar 1909.

Beobachter Lampe.

13

8.

9.

Höhe 7a mm	N i e d e r s c h l a g	Form und Zeit	Höhe der Schneedecke in cm 7a	Bemer- kungen	Tag
2.9*	* n, * <sup>0</sup> ztw. a-II, * <sup>1+2</sup> ztw. p		13		1
2.5*	* <sup>0</sup> ztw. a-II + p		13		2
1.7*	● n, ● <sup>0</sup> ztw. a-II, ● <sup>0+1</sup> fast ununterbr. p		7		3
11.9	● n, ● <sup>0</sup> I + ztw. a-II-III + später		—		4
2.2	● n, ● <sup>0</sup> ztw. a, ● <sup>0+1</sup> oft p		—	ztw. — p + abds.	5
4.4	● n, ● <sup>0</sup> ztw. a + p		—	— n	6
0.7	* <sup>1</sup> 11 <sup>1</sup> / <sub>2</sub> a - 12 <sup>1</sup> / <sub>2</sub> p, * <sup>2</sup> 11 <sup>1</sup> / <sub>2</sub> - 14 <sup>0</sup> p * <sup>0</sup> ztw. p		—		7
0.9*	—		—	[ 1 fr.	8
—	—		—	[ 1 fr.	9
0.2*	* n, ● <sup>0</sup> ztw. p		0		10
1.3	● n		—		11
—	—		—	[ fr.	12
—	—		—		13
—	—		—		14
0.3*	* n, * <sup>0</sup> I-8 a, * <sup>0</sup> ztw. a ● <sup>0</sup> oft p		0.5		15
1.2*	* <sup>0</sup> ztw. a + p		—		16
0.7*	* n, * <sup>0</sup> I-8 <sup>1</sup> / <sub>4</sub> a, * <sup>0</sup> oft p		1		17
0.6*	—		—		18
—	—		—	[ 2 fr.	19
—	—		—	[ 2 fr.	20
—	—		—	[ 1 fr.	21
—	* <sup>0</sup> 9 <sup>1</sup> / <sub>4</sub> -9 <sup>3</sup> / <sub>4</sub> p		—	[ 1 fr.	22
0.1*	—		0	[ 2 fr.	23
—	—		—	[ 1 fr.	24
0.0	△ <sup>0</sup> n		—		25
—	* <sup>0</sup> 8 <sup>1</sup> / <sub>4</sub> p-III-n		—	[ 1 fr.	26
1.3*	* n		1		27
—	—		1	[ 2 fr.	28
32.9	Monatssumme.		36.5		

## Wind-Verteilung.

	7a	2p ~	9p	Summe
N	3	4	4	11
NE	6	5	7	18
E	2	4	3	9
SE	1	3	1	5
S	—	—	1	1
SW	3	4	3	10
W	4	3	2	9
NW	9	5	7	21
Still	—	—	—	—

Tag	Luftdruck (Barometerstand auf 0° und Normalschwere reduziert) 700 mm +				Temperatur-Extreme (abgelesen 9 p) °C			Luft-	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Mini- mum	Diffe- renz	7 a	2 p
1	47.4	45.3	41.3	44.7	1.6	-6.4	8.0	-6.3	1.0
2	35.8	34.8	36.7	35.8	1.1	-3.8	4.9	-2.1	0.6
3	38.5	36.9	36.2	37.2	1.8	-3.1	4.9	-2.7	0.3
4	37.2	36.6	39.0	37.6	4.5	-1.5	6.0	-1.2	4.1
5	43.1	44.5	46.7	44.8	3.6	-4.2	7.8	-1.9	3.4
6	46.5	44.2	42.2	44.3	5.7	-2.5	8.2	-2.3	5.0
7	39.9	40.1	42.2	40.7	6.1	-0.2	6.3	0.7	5.9
8	39.7	41.0	44.1	41.6	8.1	0.3	7.8	3.5	7.9
9	46.4	46.2	46.6	46.4	4.9	-0.6	5.5	1.2	4.4
10	45.8	44.2	44.5	44.8	8.3	-0.1	8.4	1.5	7.8
11	44.5	44.2	44.9	44.5	6.4	0.0	6.4	0.2	6.0
12	46.1	46.4	46.1	46.2	2.8	-1.5	4.3	-1.0	2.6
13	43.9	42.0	41.5	42.5	3.1	-0.3	3.4	0.2	2.0
14	39.5	36.3	34.8	36.9	2.5	-2.1	4.6	-1.9	1.7
15	31.4	32.6	35.6	33.2	3.0	-1.3	4.3	-1.2	1.5
16	36.3	37.6	40.9	38.3	3.2	-0.9	4.1	-0.1	2.6
17	44.5	45.4	47.6	45.8	3.8	-1.5	5.3	-1.1	2.3
18	47.8	46.0	43.8	45.9	7.5	-3.8	11.3	-3.0	7.1
19	42.8	42.7	44.7	43.4	11.3	2.5	8.8	3.1	10.4
20	45.5	44.4	44.6	44.8	15.0	1.5	13.5	2.5	14.1
21	47.8	47.9	46.9	47.5	11.2	4.7	6.5	6.5	10.5
22	46.9	46.0	45.3	46.1	12.6	4.2	8.4	5.2	11.9
23	44.1	44.8	47.4	45.4	10.9	6.3	4.6	6.6	8.9
24	50.7	50.1	48.3	49.7	10.1	5.5	4.6	6.0	9.3
25	39.5	35.7	34.2	36.5	10.5	6.4	4.1	8.4	11.3
26	33.9	37.2	40.8	37.3	7.3	4.6	2.7	5.8	6.4
27	47.1	48.7	51.3	49.0	8.4	2.5	5.9	4.3	8.4
28	51.3	47.6	45.0	48.0	11.1	-0.5	11.6	0.6	10.8
29	41.5	39.1	40.2	40.3	16.6	4.0	12.6	5.1	16.6
30	40.5	41.4	45.0	42.3	12.4	8.3	4.1	10.2	11.4
31	48.4	47.7	46.6	47.6	14.0	5.9	8.1	6.6	13.7
Monats-Mittel	43.0	42.5	43.1	42.9	7.4	0.7	6.7	1.7	6.8

## PENTADEN - ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschlag
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
2.— 6. März	199.7	39.9	1.6	0.3	34.4	6.9	1.3
7.—11. "	218.0	43.6	14.7	2.9	31.0	6.2	—
12.—16. "	197.1	39.4	3.6	0.7	44.0	8.8	4.4
17.—21. "	227.4	45.5	26.4	5.3	40.0	8.0	3.6
22.—26. "	215.0	43.0	38.1	7.6	44.7	8.9	8.9
27.—31. "	227.2	45.4	43.3	8.7	41.7	8.3	0.5

März 1909.

Beobachter Lampe.

15

4.

5

temperatur		Absolute Feuchtigkeit mm				Relative Feuchtigkeit %				Tag
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	
-1.5	-2.1	2.7	3.3	2.7	2.9	95	66	66	75.7	1
-1.0	-0.9	3.3	3.4	3.4	3.4	83	71	78	77.3	2
0.7	-0.2	3.2	3.7	3.6	3.5	85	78	73	78.7	3
--0.1	0.7	3.5	2.8	4.3	3.5	82	46	94	74.0	4
0.3	0.5	3.2	2.7	4.1	3.3	80	47	87	71.3	5
1.6	1.5	3.5	2.9	2.9	3.1	89	45	56	63.3	6
0.4	1.8	3.4	3.4	3.5	3.4	70	49	75	64.7	7
1.3	3.5	3.5	3.8	4.0	3.8	60	48	80	62.7	8
3.6	3.2	4.6	4.8	4.3	4.6	92	77	73	80.7	9
3.6	4.1	3.8	4.2	4.0	4.0	74	55	67	65.3	10
1.1	2.1	4.0	4.2	4.3	4.2	85	60	87	77.3	11
2.2	1.5	3.9	4.9	4.4	4.4	92	89	82	87.7	12
0.9	1.0	4.3	4.3	4.1	4.2	92	82	82	85.3	13
0.1	0.0	3.1	3.6	4.0	3.6	78	70	87	78.3	14
0.5	0.3	4.0	4.5	3.8	4.1	96	87	80	87.7	15
0.4	0.8	4.0	4.0	4.1	4.0	89	72	87	82.7	16
0.3	0.4	3.6	3.6	3.9	3.7	84	66	83	77.7	17
4.3	3.2	3.5	3.2	3.7	3.5	96	43	60	66.3	18
6.8	6.8	5.0	6.6	6.6	6.1	88	70	90	82.7	19
7.6	8.0	5.1	5.6	6.3	5.7	93	47	80	73.3	20
7.5	8.0	5.7	4.6	6.3	5.5	80	49	82	70.3	21
9.4	9.0	6.1	6.9	6.8	6.6	92	67	78	79.0	22
8.1	7.9	6.7	7.1	6.6	6.8	93	84	82	86.3	23
7.3	7.5	6.1	6.6	6.1	6.3	88	75	80	81.0	24
6.4	8.1	7.0	7.7	6.2	7.0	86	77	87	83.3	25
5.1	5.6	5.3	4.9	4.8	5.0	78	68	74	73.3	26
2.7	4.5	4.7	4.3	4.7	4.6	76	52	84	70.7	27
8.5	7.1	4.2	4.2	5.0	4.4	87	44	60	63.7	28
11.7	11.3	4.8	7.5	7.7	6.7	74	54	75	67.7	29
8.3	9.6	7.9	7.0	6.4	7.1	82	70	78	76.7	30
11.4	10.8	5.7	5.6	7.5	6.3	78	48	75	67.0	31
3.9	4.1	4.5	4.7	4.8	4.7	84.4	63.1	78.1	75.2	

	Maximum	am	Minimum	am	Differenz
Luftdruck . . . . .	751.3	27. 28.	731.4	15.	19.9
Lufttemperatur . . . .	16.6	29.~	-6.4	1.	22.0
Absolute Feuchtigkeit .	7.9	30.	2.7	1. 5.	5.2
Relative Feuchtigkeit .	96	15. 48.	43	18.	53
Grösste tägliche Niederschlagshöhe . . . . .				3.4 am 26.	
Zahl der heiteren Tage (unter 2,0 im Mittel) . . . . .					—
" " trüben Tage (über 8,0 im Mittel) . . . . .				15	
" " Sturmtage (Stärke 8 oder mehr) . . . . .				—	
" " Eistage (Maximum unter 0°) . . . . .				—	
" " Frosttage (Minimum unter 0°) . . . . .				17	
" " Sommertage (Maximum 25,0° oder mehr) . . . . .				—	

Tag	Bewölkung				Wind			
	ganz wolkenfrei = 0	ganz bewölkt = 10			Richtung und Stärke	Windstille = 0	Orkan = 12	
	7 a	2 p	9 p	Tagesmittel	7 a	2 p	9 p	
1	7	4	0	3.7	SW	2	NE	2
2	8	10	8	8.7	NE	2	N	3
3	10	8	6	8.0	SW	2	SE	2
4	2	9	6	5.7	SE	3	SW	4
5	10	6	8	8.0	SW	3	SW	4
6	8	2	2	4.0	SE	2	E	3
7	8	10	8	8.7	NE	1	E	2
8	10	6	2	6.0	SE	2	SE	2
9	10	10	10	10.0	NE	2	NE	3
10	0	4	2	2.0	NE	3	NE	3
11	2	9	2	4.3	NE	2	E	2
12	10	10	10	10.0	E	1	E	2
13	10	10	4	8.0	SW	2	W	2
14	10	10	2	7.3	SW	2	SW	2
15	10	10	7	9.0	SE	2	SW	3
16	10	10	9	9.7	SW	2	SW	2
17	10	9	8	9.0	W	2	NW	3
18	10	1	10	7.0	E	1	SE	2
19	10	10	10	10.0	NE	2	S	1
20	9	8	2	6.3	E	1	SE	3
21	7	6	10	7.7	SW	3	SW	3
22	8	7	6	7.0	SW	1	SW	1
23	10	10	10	10.0	SW	2	NW	1
24	8	9	10	9.0	NW	2	SW	2
25	10	10	6	8.7	SW	3	SW	1
26	10	10	10	10.0	SW	3	SW	3
27	10	7	0	5.7	SW	3	SW	3
28	4	8	8	6.7	SE	2	SE	3
29	10	10	10	10.0	SW	1	SW	3
30	10	10	10	10.0	SW	2	SW	3
31	9	9	10	9.3	S	2	SW	2
	8.4	8.1	6.6	7.7		2.0	2.5	
							Mittel 2.2	

Zahl der Tage mit:	
Niederschlag mindestens 1,0 mm . . . . .	(●) ✕ ▲ △ 11
Niederschlag mehr als 0,2 mm . . . . .	" " " " 15
Niederschlag mindestens 0,1 mm . . . . .	" " " " 16
Schnee mindestens 0,1 mm . . . . .	(*) 8
Hagel . . . . .	(▲) —
Graupeln . . . . .	(△) —
Tau . . . . .	(□) —
Reif . . . . .	(—) 6
Glatteis . . . . .	(∞) —
Nebel . . . . .	(≡) —
Gewitter . . . . .	(nah ☼, fern ☿) —
Wetterleuchten . . . . .	(▢) —

März 1909.

Beobachter Lampe.

17

8.

9.

Höhe 7 a mm	N i e d e r s c h l a g Form und Zeit	Höhe der Schneedecke in cm 7 a	Bemerkungen	Tag
—	—	1	— 1 fr.	1
—	—	0	—	2
—	✗ fl. ztw. a, ✗ fl. einz. p	0	—	3
0.0	✗ <sup>0.1</sup> ztw. p	—	—	4
0.3 ✗	—	1	—	5
1.0 ✗	✗ n	1	—	6
—	—	—	—	7
—	—	—	—	8
—	—	—	—	9
—	—	—	—	10
—	—	—	— 1 fr.	11
—	—	—	— fr.	12
1.2 ✗	✗ <sup>0</sup> ztw. p	—	— 1 fr. ☙ a	13
—	✗ n, ✗ fl. oft a	2	—	14
0.1 ✗	✗ fl. n, ✗ <sup>0</sup> oft a-II	—	—	15
2.0 ✗	✗ n, ✗ <sup>0</sup> I + oft a + p	3	—	16
1.1 ✗	✗ n, ✗ <sup>0</sup> 8 <sup>1</sup> / <sub>2</sub> + ztw. a, ✗ <sup>0.1</sup> oft p	2	—	17
1.0 ✗	✗ <sup>0</sup> oft a-II, ✗ <sup>1</sup> p ztw.	—	—	18
0.4 ✗	—	—	— 1 fr.	19
1.0	✗ n	—	— 0 fr.	20
1.2	✗ n, ✗ <sup>0</sup> 8 <sup>1</sup> / <sub>2</sub> p-III + später	—	—	21
1.5	✗ n,	—	—	22
0.3	✗ n, ✗ <sup>0.1</sup> ztw. zw. 11 <sup>1</sup> / <sub>2</sub> p-II ✗ <sup>0</sup> ztw. p	—	—	23
2.6	✗ <sup>0</sup> n, ✗ <sup>0</sup> ztw. a	—	—	24
1.1	✗ n, ✗ <sup>0</sup> ztw. a, ✗ <sup>0</sup> 3 <sup>1</sup> / <sub>2</sub> -4 p ✗ <sup>1</sup> 7-8 <sup>1</sup> / <sub>4</sub> p	—	—	25
3.4	✗ n, ✗ tr. einz. a	—	—	26
0.0	—	—	—	27
—	—	—	—	28
—	—	—	—	29
—	✗ <sup>0</sup> oft a	—	—	30
0.5	✗ tr. ztw. p	—	—	31
18.7	Monaßsumme.	10		

Wind - Verteilung.				
	7 a	2 p	9 p	Summe
N	—	1	—	1
NE	6	3	7	16
E	3	4	2	9
SE	5	5	1	11
S	1	1	2	4
SW	14	14	11	39
W	1	1	4	6
NW	1	2	4	7
Still	—	—	—	—

1.

2.

3.

Tag	Luftdruck (Barometerstand auf 0° und Normalschwere reducirt) 700 mm +				Temperatur-Extreme (abgelesen 9 p) °C			Luft-	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Min- imum	Diffe- renz	7 a	2 p
1	46.1	47.4	53.5	49.0	11.6	3.9	7.7	9.7	11.0
2	59.6	60.0	62.6	60.7	7.2	-0.4	7.6	0.6	6.7
3	64.6	63.8	65.1	64.5	7.4	-0.8	8.2	1.1	7.1
4	65.6	63.7	63.3	64.2	8.4	-0.9	9.3	1.6	8.3
5	62.3	59.6	59.9	60.6	11.9	0.5	11.4	1.6	11.3
6	61.3	60.3	60.9	60.8	14.3	3.1	11.2	4.5	13.8
7	62.2	60.8	60.5	61.2	16.0	3.7	12.3	6.9	15.6
8	60.1	58.5	58.5	59.0	18.6	3.7	14.9	5.6	17.8
9	58.2	55.2	54.7	56.0	19.0	2.4	16.6	5.4	18.7
10	53.3	52.3	52.1	52.6	18.0	9.2	8.8	9.4	17.6
11	50.3	46.5	45.5	47.4	19.5	5.3	14.2	7.4	19.4
12	43.3	43.7	43.3	43.4	13.2	4.5	8.7	7.5	9.9
13	41.8	43.1	44.7	43.2	11.5	4.6	6.9	5.3	11.0
14	43.1	43.7	45.9	44.2	11.9	7.9	4.0	8.8	10.9
15	51.2	53.1	54.3	52.9	12.1	4.8	7.3	7.1	11.8
16	55.5	53.3	52.6	53.8	14.3	1.7	12.6	4.3	13.9
17	52.6	51.9	51.5	52.0	19.7	5.7	14.0	7.2	19.3
18	49.8	48.3	48.9	49.0	21.9	7.3	14.6	8.4	21.7
19	49.4	49.4	49.1	49.3	19.0	10.6	8.4	12.9	18.7
20	48.2	51.7	55.6	51.8	16.6	10.8	5.8	11.9	16.4
21	54.5	51.9	51.5	52.6	14.9	6.1	8.8	7.3	14.3
22	50.7	49.4	49.1	49.7	18.7	6.6	12.1	8.1	18.0
23	51.0	50.9	51.4	51.1	18.1	9.1	9.0	11.1	17.3
24	51.1	47.2	44.8	47.7	24.2	8.8	15.4	11.3	22.4
25	48.8	50.9	51.8	50.5	16.6	10.0	6.6	12.2	15.0
26	49.2	49.0	47.8	48.7	15.9	7.9	8.0	11.8	14.9
27	48.2	48.3	49.7	48.7	16.2	11.7	4.5	13.0	16.1
28	52.1	54.3	55.9	54.1	15.8	10.0	5.8	11.4	15.3
29	53.5	50.6	49.4	51.2	14.1	5.3	8.8	8.0	13.5
30	45.1	49.1	53.1	49.1	10.2	4.7	5.5	7.2	9.4
Monats-Mittel	52.8	52.3	52.9	52.6	15.2	5.6	9.6	7.6	14.6

## PENTADEN-ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschlag
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
1.— 5. April	299.0	59.8	24.5	4.9	12.0	2.4	5.6
6.—10. "	289.6	57.9	54.6	10.9	5.9	1.2	—
11.—15. "	231.1	46.2	47.2	9.4	29.4	5.9	21.8
16.—20. "	255.9	51.2	63.7	12.7	26.7	5.3	2.8
21.—25. "	251.6	50.8	64.7	12.9	26.0	5.2	1.4
26.—30. "	251.8	50.4	55.0	11.0	45.0	9.0	9.3

April 1909.

Beobachter Lampe.

19

4.

5.

temperatur		Absolute Feuchtigkeit mm				Relative Feuchtigkeit %				Tag
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	
3.9	7.1	6.0	5.8	4.5	5.4	66	59	73	66.0	1
2.3	<b>3.0</b>	2.8	3.2	3.7	3.2	59	43	68	56.7	2
2.1	3.1	2.6	<b>2.3</b>	3.2	<b>2.7</b>	52	30	61	47.7	3
3.8	4.4	3.3	3.1	3.2	3.2	64	38	52	51.3	4
7.4	6.9	2.8	3.2	3.3	3.1	55	31	43	43.0	5
9.6	9.4	<b>3.1</b>	3.0	3.7	3.3	48	25	41	<b>38.0</b>	6
8.8	10.0	3.9	3.7	5.2	4.3	52	28	62	47.3	7
8.9	10.3	5.1	3.5	4.7	4.4	75	<b>23</b>	55	51.0	8
12.6	12.3	4.2	4.3	4.8	4.4	63	27	44	44.7	9
11.7	12.6	3.7	5.7	7.2	5.5	42	38	70	50.0	10
10.8	12.1	6.3	4.5	5.9	5.6	82	27	61	56.7	11
8.8	8.8	5.5	6.5	5.6	5.9	70	71	67	69.3	12
8.9	8.5	6.0	5.5	6.9	6.1	91	56	81	76.0	13
9.6	9.7	7.2	8.0	7.2	7.5	86	83	82	83.7	14
6.7	8.1	5.6	4.6	5.3	5.2	74	45	73	64.0	15
8.3	8.7	4.9	5.3	5.6	5.3	79	45	69	64.3	16
12.1	12.7	5.4	6.5	7.3	6.4	72	39	69	60.0	17
14.8	15.0	6.8	5.7	8.1	6.9	82	30	65	59.0	18
13.1	14.4	8.6	8.4	7.9	8.3	78	52	71	67.0	19
11.6	12.9	8.3	5.0	6.7	6.7	80	36	65	60.3	20
9.6	10.2	6.2	5.3	6.0	5.8	82	44	67	64.3	21
12.5	12.8	5.6	6.4	7.4	6.5	70	42	69	60.3	22
13.4	13.8	7.7	7.9	9.4	8.3	78	54	82	71.3	23
15.4	<b>16.1</b>	8.9	9.0	8.4	8.8	89	45	64	66.0	24
10.0	11.8	8.1	6.8	7.3	7.4	76	54	80	70.0	25
13.5	13.4	8.6	10.1	<b>10.7</b>	<b>9.8</b>	84	81	<b>94</b>	<b>86.3</b>	26
11.7	13.1	10.2	8.9	9.0	9.4	93	65	88	82.0	27
11.5	12.4	7.5	6.6	6.0	6.7	75	51	59	61.7	28
8.4	9.6	6.4	6.2	7.0	6.5	81	54	86	73.7	29
4.7	6.5	6.0	4.6	5.4	5.3	79	52	84	71.7	30
9.6	<b>10.3</b>	5.9	5.7	6.2	<b>5.9</b>	72.6	45.6	68.2	<b>62.1</b>	

	Maximum	am	Minimum	am	Differenz
Luftdruck . . . .	765.6	4.	741.8	13.	23.8
Lufttemperatur . . .	24.2	24.	-0.9	4.	25.1
Absolute Feuchtigkeit .	10.7	26.	2.3	3.	8.4
Relative Feuchtigkeit .	94	26.	23	8.	71
Grösste tägliche Niederschlagshöhe . . . . .				11.2 am 13.	
Zahl der heiteren Tage (unter 2,0 im Mittel) . . . . .				11	
" " trüben Tage (über 8,0 im Mittel) . . . . .				9	
" " Sturmtage (Stärke 8 oder mehr) . . . . .				—	
" " Eistage (Maximum unter 0°) . . . . .				—	
" " Frosttage (Minimum unter 0°) . . . . .				3	
" " Sommertage (Maximum 25,00 oder mehr) . . . .				—	

20

### Station Wiesbaden.

Monat

6

7.

Tag	Bewölkung				Wind			
	ganz wolkenfrei = 0	ganz bewölkt = 10	Richtung und Stärke		Windstille = 0		Orkan = 12	
	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	
1	7	10	10	9.0	SW	3	W	4
2	0	7	0	2.3	NE	3	N	4
3	0	2	0	0.7	NE	4	NE	2
4	0	0	0	0.0	NE	3	NE	5
5	0	0	0	0.0	NE	3	NE	3
6	0	0	0	0.0	NE	2	NE	2
7	0	1	0	0.3	NE	2	E	2
8	0	1	0	0.3	SE	2	NE	2
9	0	1	0	0.3	N	3	NW	2
10	9	4	2	5.0	N	2	S	4
11	0	0	0	0.0	E	2	N	2
12	10	9	10	9.7	SW	2	N	3
13	10	10	10	10.0	NW	3	N	4
14	10	10	4	8.0	SW	3	SW	3
15	3	2	0	1.7	W	3	W	1
16	9	4	2	5.0	NW	2	SW	1
17	2	3	0	1.7	SE	2	W	1
18	8	6	8	7.3	W	2	SW	2
19	6	6	0	4.0	NW	2	NE	3
20	10	6	10	8.7	W	3	W	2
21	6	8	0	4.7	W	2	W	1
22	2	2	0	1.3	NE	2	NE	1
23	10	8	10	9.3	SW	1	SW	1
24	6	4	2	4.0	SW	2	S	2
25	10	10	0	6.7	SW	3	SW	1
26	10	10	10	10.0	NE	2	S	2
27	10	10	10	10.0	S	1	SW	2
28	10	8	3	7.0	SW	2	W	2
29	10	9	10	9.7	SW	1	SW	2
30	10	9	6	8.3	SW	3	W	2
	5.6	5.3	3.6	4.8	2.3		2.8	
						Mittel	2.4	

Zahl der Tage mit:	
Niederschlag mindestens 1,0 mm . . .	(●) *
Niederschlag mehr als 0,2 mm . . . .	▲ △
Niederschlag mindestens 0,1 mm . . . .	,
Schnee mindestens 0,1 mm . . . . .	(*)
Hagel . . . . .	(▲)
Graupeln . . . . .	(△)
Tau . . . . .	(□)
Reif . . . . .	(—)
Glatteis . . . . .	(?)
Nebel . . . . .	(≡)
Gewitter . . . . .	(nah ☼, fern ☿)
Wetterleuchten . . . . .	(↳)

April 1909.

Beobachter Lampe.

21

8.

9.

Höhe 7a mm	N i e d e r s c h l a g	Form und Zeit	Höhe der Schneedecke in cm 7a	Bemer- kungen	Tage
5.1	● n, ● tr. ztw. a		—		1
0.0	* <sup>0</sup> oft p. * <sup>1</sup> gest. v. 4 <sup>58</sup> —5 <sup>04</sup> p		—		2
0.5*	—		—		3
—	—		—		4
—	—		—		5
—	—		—		6
—	—		—		7
—	—		—		8
—	—		—		9
—	—		—		10
—	—		—		11
11.2	● oft a—II + — III		—		12
4.9	● n, ● <sup>1</sup> I— <sup>3</sup> / <sub>4</sub> a, ● <sup>0</sup> sch. oft a—1 p. ● <sup>0</sup> ztw. p		—		13
5.7	● n, ● <sup>0</sup> I + ztw. a, ● <sup>0</sup> oft p—III + später— <sup>9</sup> / <sub>4</sub> p		—		14
—	—		—		15
—	—		—		16
—	—		—		17
—	—		—		18
2.8	● n		—		19
—	● <sup>0</sup> ztw. a		—		20
0.9	—		—		21
—	—		—		22
—	● tr. 7 <sup>1</sup> / <sub>4</sub> —10 a ztw., ● <sup>0</sup> 8 <sup>3</sup> / <sub>4</sub> p—III u. später		—		23
0.4	—		—		24
0.1	● n, ● <sup>0</sup> ztw. a		—		25
0.2	● tr. ztw. a ● <sup>0</sup> oft p		—		26
4.7	● n, ● <sup>0</sup> ztw. a, ● <sup>0</sup> oft p		—		27
2.2	● n, ● <sup>0</sup> oft a		—		28
0.3	● <sup>0</sup> ztw. p		—		29
1.9	● n, ● <sup>0</sup> mit △ <sup>0</sup> v. 8 <sup>1</sup> / <sub>2</sub> —8 <sup>4</sup> ● oft a, ● <sup>0</sup> ztw. p		—		30
40.9	Monatssumme.		—		

Wind-Verteilung.				
	7a	2p	9p	Summe
N	2	4	3	9
NE	8	7	6	21
E	1	1	1	3
SE	2	1	1	4
S	1	1	2	4
SW	9	7	5	21
W	4	7	6	17
NW	3	2	6	11
Still	—	—	—	—

1.

2.

3.

Tag	Luftdruck (Barometerstand auf 0° und Normal- schwere reduziert) 700 mm +				Temperatur-Extreme (abgelesen 9 p) 0°C			Luft- 0	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Min- imum	Diffe- renz	7 a	2 p
1	52.1	49.5	52.6	51.4	9.6	2.1	7.5	4.3	6.7
2	56.5	57.3	60.3	58.0	9.9	1.9	8.0	4.0	5.4
3	63.2	63.2	64.0	63.5	12.4	0.7	11.7	4.4	11.6
4	63.6	60.9	60.6	61.7	16.3	4.1	12.2	8.9	16.0
5	57.9	56.4	56.9	57.1	18.1	9.9	8.2	10.7	17.1
6	58.4	57.8	58.5	58.2	17.5	8.1	9.4	10.9	17.0
7	59.5	57.4	57.7	58.2	16.2	7.1	9.1	9.0	15.9
8	57.4	54.1	52.1	54.5	15.1	5.5	9.6	8.1	14.5
9	49.7	47.7	47.7	48.4	16.9	3.2	13.7	9.7	16.6
10	49.1	49.3	50.8	49.7	17.1	4.7	12.4	9.5	16.0
11	54.0	56.0	58.1	56.0	14.7	7.5	7.2	9.6	14.0
12	58.6	55.0	52.0	55.2	20.3	3.2	17.1	6.7	19.3
13	53.6	54.5	54.5	54.2	13.9	8.2	5.7	9.4	13.6
14	54.0	52.5	52.5	53.0	13.3	4.8	8.5	7.6	12.6
15	52.9	52.6	53.4	53.0	15.2	6.3	8.9	7.8	14.2
16	53.0	49.5	46.9	49.8	21.0	4.1	16.9	10.1	19.6
17	46.7	46.6	51.8	48.4	19.9	12.7	7.2	14.2	18.8
18	57.3	58.2	58.7	58.1	17.7	7.9	9.8	9.7	17.0
19	60.2	59.5	60.0	59.9	19.9	4.7	15.2	8.8	18.9
20	60.8	59.2	59.0	59.7	21.2	6.9	14.3	10.1	21.7
21	59.1	57.0	55.8	57.3	24.0	10.8	13.2	14.8	23.2
22	56.1	54.7	55.1	55.3	25.8	11.2	14.6	15.0	25.5
23	56.5	56.3	56.7	56.5	28.5	12.6	15.9	17.4	28.1
24	58.2	57.9	57.0	57.7	23.6	16.4	7.2	19.9	23.6
25	53.3	46.5	46.0	48.6	25.3	11.9	13.4	14.8	24.6
26	49.8	49.0	48.8	49.2	19.1	12.0	7.1	13.3	18.4
27	47.9	46.6	47.1	47.2	16.7	11.0	5.7	12.3	16.4
28	48.1	49.6	51.4	49.7	17.3	8.8	8.5	11.8	17.0
29	53.5	53.4	55.7	54.2	20.2	6.6	13.6	10.0	20.2
30	58.6	58.1	58.6	58.4	21.8	10.0	11.8	13.7	21.3
31	57.0	53.9	52.5	54.5	24.3	10.4	13.9	16.1	24.2
Monats- Mittel	55.4	54.2	54.6	54.7	18.5	7.6	10.9	10.7	17.7

## PENTADEN - ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschla-
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
1.— 5. März	291.7	58.3	41.0	8.2	25.0	5.0	3.0
6.—10. "	269.0	53.8	58.0	11.6	8.0	1.6	--
11.—15. "	271.4	54.3	53.3	10.7	10.9	2.2	--
16.—20. "	275.9	55.2	72.0	14.4	20.7	4.1	1.5
21.—25. "	275.4	55.1	98.8	19.8	18.0	3.6	0.0
26.—30. "	258.7	51.7	73.4	14.7	33.3	6.7	6.8

Mai 1909.

Beobachter Lampe.

23

4.

5

temperatur		Absolute Feuchtigkeit mm				Relative Feuchtigkeit %				Tag
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	
3.9	4.7	5.1	5.8	4.7	5.2	82	80	77	79.7	1
3.5	4.1	4.6	5.1	5.1	4.9	75	77	87	79.7	2
6.7	7.4	5.0	4.2	5.0	4.7	80	41	69	63.3	3
11.6	12.0	4.3	5.0	4.1	4.5	50	37	40	42.3	4
11.8	12.8	4.7	6.2	6.8	5.9	49	43	66	52.7	5
11.5	12.7	5.3	4.3	4.6	4.7	54	30	46	43.3	6
10.1	11.3	3.8	2.9	3.6	3.4	45	22	39	35.3	7
8.3	9.8	3.6	4.2	5.3	4.4	46	35	65	48.7	8
9.9	11.5	4.9	4.8	6.3	5.3	54	34	69	52.3	9
12.7	12.7	6.1	5.5	6.0	5.9	69	41	55	55.0	10
9.5	10.6	6.3	5.9	6.1	6.1	70	50	69	63.0	11
12.5	12.8	5.7	6.4	7.5	6.5	78	39	70	62.3	12
8.2	9.8	6.6	4.1	4.7	5.1	75	35	58	56.0	13
8.9	9.5	5.0	4.2	4.7	4.6	64	39	55	52.7	14
10.1	10.6	4.9	5.0	4.9	4.9	61	41	53	51.7	15
17.5	16.2	5.5	7.0	8.3	6.9	60	42	56	52.7	16
13.9	15.2	9.6	9.1	7.4	8.7	80	57	62	66.3	17
9.6	11.5	6.2	5.5	6.3	6.0	69	38	70	59.0	18
11.9	12.9	6.4	6.3	6.9	6.5	76	39	67	60.7	19
16.4	16.2	6.7	7.6	6.9	7.1	73	40	50	54.3	20
17.5	18.2	6.3	7.0	7.5	6.9	51	33	51	45.0	21
19.4	19.8	8.4	8.5	11.5	9.5	66	35	68	56.3	22
22.2	22.5	10.5	9.3	10.4	10.1	71	33	53	52.3	23
16.7	19.2	11.9	10.7	8.7	10.4	69	50	61	60.0	24
18.5	19.1	7.9	11.0	13.0	10.6	63	48	82	64.3	25
13.8	14.8	7.8	6.8	9.1	7.9	68	44	78	63.3	26
12.4	13.4	8.6	8.9	9.1	8.9	82	65	86	77.7	27
11.3	12.8	8.4	7.4	7.7	7.8	83	52	77	70.7	28
14.8	15.0	7.3	7.5	9.1	8.0	80	42	78	65.0	29
17.3	17.4	9.2	8.6	8.9	8.9	79	46	61	62.0	30
17.9	19.0	9.4	9.3	10.4	9.7	69	41	68	59.3	31
12.6	13.4	6.6	6.6	7.1	6.8	67.5	43.5	64.0	58.3	

	Maximum	am	Minimum	am	Differenz
Luftdruck . . . .	764.0	3.	746.0	25.	18.0
Lufttemperatur . . .	28.5	23.	0.7	3.	27.8
Absolute Feuchtigkeit .	13.0	25.	2.9	7.	10.1
Relative Feuchtigkeit .	87	2.	22	7.	65
Grösste tägliche Niederschlags Höhe . . . . .				6.6 am 26.	
Zahl der heiteren Tage (unter 2,0 im Mittel) . . . . .					9
" " trüben Tage (über 8,0 im Mittel) . . . . .					3
" " Sturmtage (Stärke 8 oder mehr) . . . . .					—
" " Eistage (Maximum unter 0°) . . . . .					—
" " Frosttage (Minimum unter 0°) . . . . .					—
" " Sommertage (Maximum 25,0° oder mehr) . . . . .					3

Tag	Bewölkung				Wind			
	ganz wolkenfrei = 0		ganz bewölkt = 10		Richtung und Stärke		Windstille = 0	Orkan = 12
	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	
1	10	7	6	7.7	SW	3	W	4
2	3	10	5	6.0	NW	2	NW	3
3	8	6	0	4.7	E	2	E	2
4	0	1	0	0.3	NE	3	NE	4
5	8	7	4	6.3	NE	3	NE	4
6	2	2	0	1.3	NE	4	N	4
7	0	0	0	0.0	NE	3	NE	5
8	0	0	0	0.0	NE	3	NE	4
9	6	2	0	2.7	NE	3	NW	3
10	0	8	4	4.0	NE	3	NE	4
11	2	2	0	1.3	E	3	W	4
12	2	2	0	1.3	NE	3	SE	3
13	9	0	0	3.0	NW	3	NW	4
14	0	6	0	2.0	NE	3	NE	3
15	4	4	2	3.3	NE	2	NW	2
16	0	6	10	5.3	E	3	E	4
17	10	10	10	10.0	SW	3	SW	4
18	2	4	2	2.7	SW	2	SW	2
19	2	4	0	2.0	W	1	NE	1
20	2	0	0	0.7	NE	2	NE	3
21	0	2	0	0.7	NE	2	SE	3
22	2	2	8	4.0	E	2	E	3
23	2	2	10	4.7	NE	2	W	2
24	4	2	4	3.3	NW	2	NW	4
25	4	2	10	5.3	NE	2	NE	4
26	6	10	10	8.7	W	3	SW	3
27	9	10	6	8.3	SE	2	E	3
28	8	6	0	4.7	SE	1	NE	2
29	4	7	8	6.3	W	2	W	3
30	2	8	6	5.3	E	2	NE	2
31	0	3	2	1.7	E	2	NE	3
	3.5	4.4	3.5	3.8		2.5	3.2	2.3
							Mittel 2.7	

Zahl der Tage mit:		
Niederschlag mindestens 1,0 mm . . .	(●) *	▲ △
Niederschlag mehr als 0,2 mm . . . . .	" " "	6
Niederschlag mindestens 0,1 mm . . . . .	" " "	7
Schnee mindestens 0,1 mm . . . . .	" " "	(*)
Hagel . . . . .	(▲)	1
Graupeln . . . . .	(△)	—
Tau . . . . .	(□)	—
Reif . . . . .	(—)	—
Glatteis . . . . .	(2)	—
Nebel . . . . .	(≡)	—
Gewitter . . . . .	(nah ☰, fern ☱)	2
Wetterleuchten . . . . .	(⌚)	—

Mai 1909.

Beobachter Lampe.

25

8.

9.

Höhe 7a mm	N i e d e r s c h l a g	Form und Zeit	Höhe der Schneedecke in cm 7a	Bemerkungen	Tag
1.5	○ <sup>2</sup> ▲ <sup>0</sup> sch. 12 <sup>15</sup> —12 <sup>17</sup> p,	○ <sup>0</sup> + ○ <sup>2</sup> sch. oft — II,	○ <sup>0</sup> ztw. p	—	1
1.2	○ <sup>2</sup> sch. mehrfach zw. 1—2 p			—	2
0.3	—			—	3
—	—			—	4
—	—			—	5
—	—			—	6
—	—			—	7
—	—			—	8
—	—			—	9
—	—			—	10
—	—			—	11
—	—			—	12
—	—			—	13
—	—			—	14
—	—			—	15
—	○ <sup>0</sup> 9 <sup>1</sup> / <sub>4</sub> —9 <sup>3</sup> / <sub>4</sub> p			—	16
0.6	○ <sup>n</sup> , ○ <sup>0</sup> ztw. a,	○ <sup>0</sup> 2 <sup>10</sup> + ○ <sup>0</sup> sch. ztw. p		—	17
0.9	—			—	18
—	—			—	19
—	—			—	20
—	—			—	21
—	○ tr. einz. p			—	22
0.0	—			—	23
—	—			—	24
—	○ <sup>0</sup> 6 <sup>23</sup> —8 <sup>18</sup> ztw.;	○ <sup>2</sup> sch. 9 <sup>16</sup> —9 <sup>26</sup> ,	○ <sup>0</sup> 9 <sup>26</sup> —10 <sup>05</sup> p	—	25
6.6	○ <sup>0</sup> 11 <sup>38</sup> a—12 <sup>05</sup> p			—	26
—	○ <sup>0</sup> 2 <sup>49</sup> —2 <sup>55</sup> p			—	27
0.2	—			—	28
0.0	—			—	29
—	—			—	30
—	—			—	31
11.3	Monatssumme.				

Wind - Verteilung.				
	7a	2p	9p	Summe
N	—	1	11	12
NE	14	12	11	37
E	6	4	—	10
SE	2	2	1	5
S	—	—	1	1
SW	3	3	1	7
W	3	4	3	10
NW	3	5	3	11
Still	—	—	—	—

1.

2.

3.

Tag	Luftdruck (Barometerstand auf 0° und Normal- schwere reducirt) 700 mm +				Temperatur-Extreme (abgelesen 9 P) 0 C			Luft- 0	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Minи- mum	Diffe- renz	7 a	2 p
1	51.1	47.9	47.0	48.7	25.9	12.7	13.2	17.4	25.4
2	47.6	46.6	48.0	47.4	30.4	13.6	16.8	17.1	29.8
3	50.4	51.1	49.9	50.5	21.8	15.4	6.4	17.9	18.6
4	48.7	47.8	46.3	47.6	22.4	13.4	9.0	14.9	21.4
5	46.0	44.0	44.9	45.0	21.5	10.4	11.1	13.3	21.2
6	46.5	48.0	49.5	48.0	17.9	12.3	5.6	14.3	16.6
7	51.0	50.6	51.5	51.0	19.7	7.6	12.1	13.2	19.2
8	53.3	51.8	51.9	52.3	22.1	7.7	14.4	12.1	21.4
9	52.5	51.3	51.3	51.7	22.1	10.5	11.6	13.8	21.6
10	50.5	48.4	47.3	48.7	19.6	12.7	6.9	14.5	18.4
11	45.1	46.0	47.7	46.3	14.7	10.4	4.3	10.9	11.5
12	48.0	48.2	49.0	48.4	17.4	6.5	10.9	10.2	15.6
13	49.9	50.0	52.6	50.8	13.5	8.2	5.3	12.4	12.6
14	55.3	57.3	58.5	57.0	18.1	10.0	3.1	10.3	12.3
15	59.1	56.8	55.5	57.1	19.8	8.3	11.5	11.8	19.3
16	54.3	53.4	53.6	53.8	22.0	11.7	10.3	15.4	21.8
17	55.0	54.9	56.1	55.3	21.5	11.9	9.6	17.2	20.4
18	58.6	58.4	59.3	58.8	18.9	9.7	9.2	11.5	17.3
19	60.3	59.0	57.9	59.1	21.1	11.4	9.7	14.0	20.8
20	56.8	54.1	53.7	54.9	24.7	10.4	14.3	15.2	24.1
21	51.0	47.5	45.4	48.0	25.5	14.6	10.9	17.7	20.0
22	44.1	44.6	45.8	44.8	23.1	12.7	10.4	15.6	19.6
23	47.2	47.0	47.3	47.2	19.6	12.3	7.3	13.1	18.1
24	47.4	46.6	47.0	47.0	17.7	9.6	8.1	11.9	16.0
25	48.7	49.1	50.0	49.3	18.1	9.8	8.3	13.5	16.4
26	50.8	50.5	51.3	50.9	17.5	9.4	8.1	12.3	15.1
27	52.5	52.2	53.0	52.6	19.2	10.1	9.1	12.4	17.7
28	53.5	52.4	52.1	52.7	20.2	10.0	10.2	12.6	20.1
29	49.6	46.0	44.4	46.7	18.8	10.2	8.6	13.0	14.6
30	44.9	45.5	47.0	45.8	16.4	11.2	5.2	12.9	14.5
Monats- Mittel	51.0	50.2	50.5	50.6	20.2	10.8	9.4	13.7	18.7

## PENTADEN-ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschla-
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
Mai 31.—4. Juni	239.7	47.9	95.5	19.1	23.0	4.6	2.3
5.—9.	248.0	49.6	80.3	16.1	20.3	4.1	0.3
10.—14.	251.2	50.2	63.2	12.6	41.7	8.3	12.1
15.—19.	284.1	56.8	80.2	16.0	22.0	4.4	0.2
20.—24.	241.9	48.4	80.1	16.0	37.0	7.4	18.2
25.—29.	252.2	50.4	69.3	13.9	35.7	7.1	6.2

Juni 1909.

Beobachter Lampe.

27

4.

5.

temperatur		Absolute Feuchtigkeit mm				Relative Feuchtigkeit %				Tag
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	
18.4	19.9	10.1	11.5	12.2	11.3	68	48	78	64.7	1
21.8	<b>22.6</b>	11.4	10.7	12.7	11.6	79	<b>34</b>	66	59.7	2
15.4	16.8	13.3	12.1	11.9	12.1	87	76	85	82.7	3
16.2	17.2	10.5	9.8	10.4	10.2	84	52	76	70.7	4
16.3	16.8	9.5	9.2	9.3	9.3	85	50	67	67.3	5
12.9	14.2	9.7	9.5	7.4	8.9	81	68	67	72.0	6
14.4	15.3	<b>7.1</b>	8.2	7.5	<b>7.6</b>	63	50	61	58.0	7
16.4	16.6	7.3	8.1	8.4	7.9	69	42	60	<b>57.0</b>	8
17.0	17.4	8.2	9.9	8.3	8.8	70	52	58	60.0	9
14.7	15.6	9.2	9.4	7.7	8.8	75	60	61	65.3	10
10.4	<b>10.8</b>	8.4	8.6	8.6	8.5	87	86	92	88.3	11
13.5	13.2	8.0	8.0	8.1	8.0	86	60	71	72.3	12
11.7	12.1	7.7	9.3	8.5	8.5	72	87	84	81.0	13
11.7	11.5	8.8	8.8	9.0	8.7	89	83	88	86.7	14
14.5	15.0	9.1	10.8	10.2	10.0	88	64	84	78.7	15
16.3	17.4	7.4	9.1	9.2	8.6	57	47	66	56.7	16
14.8	16.8	8.6	9.7	9.1	9.1	59	54	73	62.0	17
12.7	13.6	7.9	9.1	8.5	8.5	78	62	78	72.7	18
17.3	17.4	8.9	9.7	10.9	9.8	75	53	74	67.3	19
17.8	18.7	9.6	10.9	11.4	10.6	74	49	75	66.0	20
16.2	17.5	11.5	<b>13.8</b>	13.1	<b>12.8</b>	76	79	<b>96</b>	83.7	21
14.2	15.9	11.9	11.8	10.9	11.5	90	70	92	84.0	22
13.8	14.7	9.7	9.5	9.1	9.4	87	62	78	75.7	23
12.7	13.3	9.1	10.4	10.2	9.9	89	77	94	86.7	24
13.0	14.0	8.9	9.9	9.7	9.5	77	71	88	78.7	25
12.2	13.0	9.4	9.7	9.7	9.6	89	75	93	85.7	26
13.4	14.2	9.1	12.2	9.7	10.3	86	81	86	84.3	27
13.4	14.9	9.2	10.3	9.4	9.6	86	58	<b>82</b>	75.3	28
12.7	13.2	9.5	11.4	10.4	10.4	86	92	<b>96</b>	<b>91.3</b>	29
13.1	13.4	9.8	10.8	9.1	9.9	89	88	82	86.3	30
14.6	<b>15.4</b>	9.3	10.1	9.7	<b>9.7</b>	79.4	64.3	78.4	<b>74.0</b>	

	Maximum	am	Minimum	am	Differenz
Luftdruck . . . .	760.3	19.	744.0	5.	16.3
Lufttemperatur . . .	30.4	2.	6.5	12.	23.9
Absolute Feuchtigkeit .	13.8	21.	7.1	7.	6.7
Relative Feuchtigkeit .	96	21. 29.	34	2.	62
Grösste tägliche Niederschlagshöhe . . . . .				12.8 am 30.	
Zahl der heiteren Tage (unter 2,0 im Mittel) . . . . .				4	
" " trüben Tage (über 8,0 im Mittel) . . . . .				8	
" " Sturmtage (Stärke 8 oder mehr) . . . . .				—	
" " Eistage (Maximum unter 0°) . . . . .				—	
" " Frosttage (Minimum unter 0°) . . . . .				—	
" " Sommertage (Maximum 25,00 oder mehr) . . . . .				3	

28

## Station Wiesbaden.

6.

Monat

7.

Tag	Bewölkung				Wind			
	ganz wolkenfrei == 0		ganz bewölkt == 10		Richtung und Stärke			
	7 a	2 p	9 p	Tagesmittel	7 a	2 p	9 p	
1	0	2	2	1.3	NE	3	NE	2
2	1	2	4	2.3	W	2	SW	4
3	7	10	10	9.0	NE	1	N	1
4	10	6	10	8.7	SW	2	SW	3
5	2	6	9	5.7	SE	2	SW	3
6	10	7	1	6.0	NW	2	NW	2
7	4	4	4	4.0	NE	3	NW	4
8	0	2	2	1.3	N	2	NW	3
9	0	6	4	3.3	NW	2	N	2
10	4	2	10	5.3	NW	1	NW	2
11	10	10	6	8.7	N	2	N	1
12	4	10	10	8.0	N	1	N	1
13	10	10	10	10.0	W	2	W	2
14	10	10	9	9.7	W	2	NW	2
15	10	7	6	7.7	N	2	E	3
16	0	4	0	1.3	NE	3	NE	3
17	2	2	0	1.3	N	2	NW	3
18	3	6	0	3.0	NW	2	NW	3
19	8	8	10	8.7	NW	2	NW	1
20	9	4	8	7.0	S	2	SW	3
21	3	9	6	6.0	SW	2	NE	2
22	7	8	9	8.0	SW	2	SW	4
23	10	6	6	7.3	S	1	SW	3
24	10	10	6	8.7	SW	2	SE	2
25	8	8	2	6.0	SW	3	SW	2
26	8	6	7	7.0	SW	2	E	3
27	8	8	2	6.0	SW	2	SW	3
28	8	7	5	6.7	SW	1	SW	3
29	10	10	10	10.0	NE	2	NE	2
30	10	10	2	7.3	SW	1	SW	4
	6.2	6.7	5.7	6.2		1.9	2.5	1.8
							Mittel 2.1	

Zahl der Tage mit:	
Niederschlag mindestens 1,0 mm . . .	(●) *
Niederschlag mehr als 0,2 mm . . .	" "
Niederschlag mindestens 0,1 mm . . .	" "
Schnee mindestens 0,1 mm . . . . .	(*)
Hagel . . . . .	(▲)
Graupeln . . . . .	(△)
Tau . . . . .	(Δ)
Reif . . . . .	(—)
Glatteis . . . . .	(2)
Nebel . . . . .	(≡)
Gewitter . . . . .	(nah ☰, fern ☱)
Wetterleuchten . . . . .	(ξ)

Juni 1909.

Beobachter Lamp e.

29

8.

9.

## N i e d e r s c h l a g

Höhe 7a mm	Form und Zeit	Höhe der Schneedecke in cm 7a	Bemer- kungen	Tage
—	—	—	—	1
—	—	—	—	2
1.3	● n, ● <sup>0</sup> ztw. a-II + einz. ● ztw. p	—	—	3
1.0	● n, ● <sup>1</sup> 8-8 <sup>1/2</sup> a, ● <sup>0</sup> 8 <sup>1/2</sup> -8 <sup>10</sup> p	—	{ Donner 1 <sup>07</sup> + 1 <sup>19</sup> p SW-NE	4
0.3	—	—	—	5
—	—	—	—	6
—	—	—	—	7
—	—	—	—	8
—	—	—	—	9
—	—	—	—	10
1.8	● n, ● <sup>0</sup> oft a-II, ● <sup>0</sup> ztw. p	—	—	11
4.9	—	—	—	12
—	● <sup>0</sup> ztw. a, ● <sup>0</sup> fast ununterbr.-8 p	—	—	13
5.4	● n, ● <sup>0</sup> I + ztw. a, ● tr. einz. p	—	—	14
0.2	—	—	—	15
—	—	—	—	16
—	—	—	—	17
—	—	—	—	18
—	—	—	—	19
—	—	—	—	20
—	● <sup>1</sup> 2 10 <sup>4</sup> -12 <sup>0</sup> + ● <sup>0</sup> oft p	—	{ ↗ 12 <sup>51</sup> -11 <sup>1/2</sup> p	21
11.4	● <sup>0</sup> einz. -6 p + oft -III	—	SW-NE	22
1.7	● n, ● tr. einz. a + p	—	—	23
0.1	● tr. einz. a, ● <sup>0</sup> ztw. p	—	—	24
2.1	● n, ● <sup>0</sup> sch. oft a-II	—	—	25
0.3	● <sup>2</sup> 12 <sup>17</sup> -12 <sup>53</sup> , ▲ <sup>1</sup> ● <sup>1</sup> 4 <sup>01</sup> -4 <sup>08</sup> p	—	{ T <sup>0</sup> 12 <sup>48</sup> -13 <sup>1/4</sup> p	26
3.6	—	—	T <sup>0</sup> 4 <sup>02</sup> -4 <sup>1/2</sup> p	27
—	● <sup>1</sup> sch. 11-11 <sup>1/4</sup> a	—	—	28
0.2	● <sup>0</sup> oft a-II, ● <sup>1</sup> 3 <sup>1/2</sup> -6 <sup>3/4</sup> p fast ununterbr., ● <sup>0</sup> 8 <sup>1/2</sup> -III	—	u. später]	29
12.8	● n, ● <sup>0</sup> 17 <sup>3/4</sup> a-II fast ohne Unterbrechung, ● <sup>0</sup> II-4 <sup>1/2</sup> p	—	—	30
47.1	Monatssumme.	—	—	—

## Wind-Verteilung.

	7a	2p	9p	Summe
N	5	4	5	14
NE	5	4	3	12
E	—	2	1	3
SE	1	1	2	4
S	2	—	—	2
SW	9	5	6	20
W	3	1	4	8
NW	5	13	8	26
Still	—	—	1	1

30

## Station Wiesbaden.

Monat

1.

2.

3.

Tag	Luftdruck (Barometerstand auf 0° und Normal- schwere reduziert) 700 mm +				Temperatur-Extreme (abgelesen 9 p) °C			Luft- °C	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Mini- mum	Diffe- renz	7 a	2 p
1	50.0	50.5	52.0	50.8	15.7	10.2	5.5	11.4	14.7
2	52.9	54.5	55.6	54.3	20.0	11.0	9.0	14.0	16.2
3	56.8	55.5	55.2	55.8	22.5	8.8	13.7	13.8	21.2
4	54.2	52.5	52.7	53.1	23.5	9.9	13.6	14.9	23.0
5	53.3	52.9	52.1	52.8	21.7	13.6	8.1	15.5	20.7
6	49.0	45.8	42.7	45.8	18.9	13.1	5.8	15.0	17.9
7	36.5	39.5	42.2	39.4	17.8	12.1	5.7	12.2	15.8
8	44.2	44.5	45.5	44.7	16.9	12.2	4.7	13.3	15.7
9	46.2	48.3	48.9	47.8	15.1	11.3	3.8	13.3	14.9
10	46.3	44.9	43.2	44.8	17.0	9.3	7.7	12.2	16.0
11	43.5	44.6	45.8	44.6	17.7	11.5	6.2	12.5	16.8
12	48.1	49.1	51.1	49.4	17.3	11.5	5.8	12.6	16.7
13	53.8	54.7	55.5	54.7	19.0	13.1	5.9	14.0	17.5
14	56.2	56.2	56.6	56.3	20.9	13.6	7.3	14.5	19.1
15	56.1	54.6	54.3	55.0	21.1	11.8	9.3	15.5	19.9
16	54.9	51.7	52.0	52.9	23.3	14.5	8.8	16.1	23.3
17	52.7	54.6	56.7	54.7	20.6	13.4	7.2	15.0	20.3
18	58.1	57.8	57.5	57.8	22.5	15.4	7.1	17.5	21.5
19	57.1	55.3	55.6	56.0	25.4	14.5	10.9	17.8	24.1
20	57.8	55.5	55.5	56.3	21.5	10.4	11.1	13.4	20.3
21	53.7	50.2	50.0	51.3	24.8	10.4	14.4	13.5	24.2
22	49.2	48.9	49.0	49.0	25.5	15.3	10.2	17.4	24.9
23	49.9	49.2	47.9	49.0	23.7	13.3	10.4	16.3	23.2
24	50.0	49.6	50.7	50.1	22.0	14.1	7.9	15.6	21.7
25	50.7	46.3	43.2	46.7	26.1	9.4	16.7	13.7	24.7
26	46.4	48.7	51.1	48.7	21.3	14.1	7.2	17.5	20.6
27	55.0	53.8	52.4	53.7	22.3	9.7	12.6	12.3	21.8
28	48.4	45.9	49.4	47.9	22.8	14.2	8.6	15.7	18.5
29	53.7	51.7	51.3	52.2	19.9	9.4	10.5	12.0	19.5
30	49.7	49.9	49.0	49.5	18.4	12.5	5.9	15.3	17.1
31	52.9	53.2	52.5	52.9	21.5	12.0	9.5	15.1	20.5
Monats- Mittel	51.2	50.7	50.9	50.9	20.9	12.1	8.8	14.5	19.8

## PENTADEN - ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschlag
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
Juni 30.—4. Juli	259.8	52.0	74.2	14.8	31.3	6.3	23.6
5.—9.	230.5	46.1	74.2	14.8	45.4	9.1	41.0
10.—14.	249.8	50.0	74.5	14.9	45.6	9.1	4.6
15.—19.	276.4	55.3	91.7	18.3	37.1	7.4	4.8
20.—24.	255.7	51.1	94.1	18.8	29.9	6.0	1.6
25.—29.	249.2	49.8	85.6	17.1	33.1	6.6	10.7

Juli 1909.

Beobachter Lampe.

31

4.

5

Temperatur		Absolute Feuchtigkeit mm				Relative Feuchtigkeit %				Tag
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	
12.6	<b>12.8</b>	8.6	9.5	10.3	9.5	86	76	96	86.0	1
12.9	14.0	10.0	8.5	10.3	9.6	85	62	94	80.3	2
14.4	16.0	9.6	10.8	10.2	10.2	82	58	84	74.7	3
17.1	18.0	9.9	11.4	12.3	11.2	78	55	85	72.7	4
16.2	17.2	11.7	11.4	11.3	11.5	89	63	82	78.0	5
13.5	15.0	11.9	11.9	10.7	11.5	93	78	94	88.3	6
14.3	14.2	9.7	9.9	10.0	9.9	93	74	83	83.3	7
13.6	14.0	9.0	10.5	10.4	10.0	80	79	90	83.0	8
13.4	13.8	9.8	10.4	9.9	10.0	87	83	87	85.7	9
13.4	13.8	9.8	10.7	10.9	10.5	94	79	96	<b>89.7</b>	10
14.3	14.5	8.5	9.7	9.6	<b>9.3</b>	79	68	79	75.3	11
15.0	14.8	8.9	10.5	10.8	10.1	83	74	85	80.7	12
14.8	15.3	10.2	10.9	11.4	10.8	86	73	91	83.3	13
15.4	16.1	10.8	13.1	12.6	12.2	88	80	<b>97</b>	88.3	14
17.1	17.4	12.0	13.1	12.0	12.4	91	76	83	83.3	15
16.7	18.2	11.9	13.2	12.1	12.4	87	62	85	78.0	16
17.6	17.6	11.7	14.1	14.0	13.3	92	80	94	88.7	17
17.5	18.5	13.7	15.1	14.0	<b>14.3</b>	92	80	94	88.7	18
19.0	20.0	13.6	14.5	12.7	13.6	90	66	78	78.0	19
16.4	16.6	<b>8.3</b>	10.2	10.9	9.8	73	57	78	69.3	20
19.8	19.3	9.9	12.8	11.5	11.4	87	57	67	70.3	21
20.2	<b>20.7</b>	11.8	13.6	13.9	13.1	80	58	79	72.3	22
19.1	19.4	12.3	9.9	12.2	11.5	89	<b>47</b>	74	70.0	23
17.5	18.1	9.7	9.6	9.4	9.6	74	50	63	<b>62.3</b>	24
19.9	19.6	9.3	12.5	<b>16.0</b>	12.6	80	55	93	76.0	25
15.9	17.5	13.2	10.4	10.1	11.2	89	58	75	74.0	26
15.5	16.3	9.4	11.0	10.3	10.2	89	57	79	75.0	27
15.4	16.2	11.2	13.7	9.6	11.5	84	86	73	81.0	28
16.3	16.0	8.4	10.7	10.8	10.0	82	63	78	74.3	29
16.7	16.4	10.7	11.8	12.7	11.7	83	82	90	85.0	30
17.5	17.6	10.8	12.7	13.1	12.2	85	71	88	81.3	31
16.1	<b>16.6</b>	10.5	11.6	11.5	<b>11.2</b>	85.5	68.0	84.3	<b>79.3</b>	

	Maximum	am	Minimum	am	Differenz
Luftdruck . . . . .	758.1	18.	736.5	7.	21.6
Lufttemperatur . . .	26.1	25.	8.8	3.	17.3
Absolute Feuchtigkeit .	16.0	25.	8.3	20.	7.7
Relative Feuchtigkeit .	97	14.	47	23.	50
Grösste tägliche Niederschlags Höhe . . . . .				35.2 am 7.	
Zahl der heiteren Tage (unter 2,0 im Mittel) . . . . .					—
" " trüben Tage (über 8,0 im Mittel) . . . . .					16
" " Sturmtage (Stärke 8 oder mehr) . . . . .					—
" " Eistage (Maximum unter 0°) . . . . .					—
" " Frosttage (Minimum unter 0°) . . . . .					—
" " Sommertage (Maximum 25,0° oder mehr) . . . . .					3

Tag	Bewölkung				Wind			
	ganz wolkenfrei = 0		ganz bewölkt = 10		Richtung und Stärke			
	7 a	2 p	9 p	Tagesmittel	7 a	2 p	9 p	
1	8	8	10	8.7	SW	2	S	2
2	6	10	2	6.0	NW	1	N	1
3	4	4	5	4.3	NE	1	NE	2
4	2	3	10	5.0	E	2	SE	2
5	10	10	6	8.7	NW	2	NW	2
6	9	10	10	9.7	W	2	SW	2
7	10	9	9	9.3	SW	2	W	2
8	7	10	9	8.7	W	3	W	4
9	8	10	9	9.0	W	3	SW	2
10	10	10	8	9.3	SW	2	SW	2
11	10	9	9	9.3	N	3	N	3
12	7	10	9	8.7	W	1	W	2
13	10	8	10	9.3	NW	3	NW	1
14	9	10	8	9.0	SW	1	W	2
15	9	8	8	8.3	SW	3	SW	3
16	4	6	10	6.7	SW	2	SW	4
17	10	9	10	9.7	SW	2	SW	1
18	10	10	0	6.7	SW	1	NW	3
19	8	6	3	5.7	SW	1	NW	2
20	1	4	2	2.3	NW	2	NW	2
21	8	6	8	7.3	N	2	W	3
22	10	5	1	5.3	W	3	W	4
23	10	10	10	10.0	W	2	W	3
24	4	6	5	5.0	SW	4	SW	4
25	0	4	10	4.7	W	1	W	1
26	10	9	5	8.9	W	1	SW	4
27	3	6	8	5.7	W	2	SE	2
28	10	10	6	8.7	SW	1	W	5
29	2	8	8	6.0	SW	2	SW	3
30	10	10	10	10.0	SW	2	W	3
31	5	8	8	7.0	SW	1	SW	3
	7.2	7.9	7.3	7.5		2.0	2.6	1.7
							Mittel 2.1	

Zahl der Tage mit:	
Niederschlag	mindestens 1,0 mm . . (● * ▲ △) 13
Niederschlag	mehr als 0,2 mm . . " " " 17
Niederschlag	mindestens 0,1 mm . . " " " 18
Schnee	mindestens 0,1 mm . . . . . (*) —
Hagel	. . . . . (▲) —
Graupeln	. . . . . (△) —
Tau	. . . . . (□) 7
Reif	. . . . . (—) —
Glatteis	. . . . . (∞) —
Nebel	. . . . . (≡) —
Gewitter	. . . . . (nah ☰, fern T) 1
Wetterleuchten	. . . . . (⌚) —

**Juli 1909.**

Beobachter Lampe.

33

8.

9.

**N i e d e r s c h l a g**

Höhe 7a mm	Form und Zeit	Höhe der Schnee- decke in cm 7 a	Bemer- kungen	Tag
9.0	○ <sup>0</sup> ztw. a—1 p, ○ <sup>0</sup> 8 <sup>1</sup> / <sub>2</sub> p—III + ztw.—n	—		
1.8	—	—		2
—	—	—		3
—	○ <sup>0</sup> ztw. v. 7 <sup>3</sup> / <sub>4</sub> p—III + später	—		4
1.1	○ n, ○ <sup>0</sup> fr. [○ <sup>0</sup> 5 <sup>1</sup> / <sub>4</sub> —5 <sup>1</sup> / <sub>2</sub> ○ <sup>1</sup> 6 <sup>1</sup> / <sub>2</sub> —7 10, ○ <sup>0</sup> 8 <sup>3</sup> / <sub>4</sub> p—III + später	—		5
0.7	○ n, ○ <sup>0</sup> oft a—II, ○ <sup>0</sup> II—3, ○ <sup>0</sup> 13—4 <sup>3</sup> / <sub>4</sub> , ○ <sup>2</sup> 4 <sup>3</sup> / <sub>4</sub> —5 <sup>1</sup> / <sub>4</sub> .	—		6
35.2	○ <sup>2</sup> n, ○ <sup>0</sup> sch. oft a, ○ tr. ztw. p, ○ <sup>0</sup> 9 <sup>10</sup> ztw.—n	—		7
1.2	○ <sup>0</sup> ztw. a, ○ <sup>0</sup> oft p—III, ○ <sup>0</sup> 9 <sup>1</sup> / <sub>4</sub> p—n ztw.	—		8
2.8	○ n, ○ tr. einz. a, ○ <sup>0</sup> oft p	—		9
0.8	○ <sup>0</sup> ztw. a—II, ○ <sup>0</sup> mit wenig Unterbr. —7 <sup>1</sup> / <sub>2</sub> p	—		10
3.6	○ n	—		11
—	—	—		12
—	—	—		13
0.2	○ n, ○ <sup>0</sup> ztw. a—II, ○ <sup>0</sup> ztw. p ○ <sup>1</sup> sch. 5—7 p ztw.	—		14
2.4	—	—		15
0.0	○ <sup>0</sup> 6 <sup>1</sup> / <sub>2</sub> p—III oft, ○ <sup>0</sup> III + später ztw.	—		16
2.4	○ n	—		17
—	○ <sup>0</sup> einz. zw. 10—11 a	—		18
0.0	—	—		19
—	—	—		20
—	—	—		21
—	—	—		22
1.6	○ n	—		23
—	○ <sup>0</sup> 1 7 <sup>0</sup> p—III + später—n	—	Blitz u. Donner	24
6.9	○ n, ○ <sup>1</sup> sch. 9 <sup>0</sup> —9 <sup>8</sup> a, ○ <sup>0</sup> sch. 7 <sup>0</sup> —7 <sup>12</sup> p	—	mehrere T 9 <sup>23</sup> —	25
0.8	—	—	10 <sup>33</sup> p	26
—	○ <sup>0</sup> 11—11 <sup>0</sup> a, ○ <sup>0</sup> + ztw. ○ <sup>1</sup> 14 <sup>8</sup> —II—2 <sup>45</sup> , ○ <sup>1</sup> sch. 4 <sup>15</sup> —4 <sup>25</sup> ,	—	—	27
3.0	○ tr. einz. p	[○ <sup>0</sup> sch. 4 <sup>25</sup> —4 <sup>33</sup> p	—	28
0.6	○ n, ○ <sup>1</sup> 8 <sup>0</sup> —8 <sup>18</sup> a, ○ <sup>0</sup> ztw. v. 6—8 <sup>1</sup> / <sub>2</sub> p	—	—	29
2.9	○ n, ○ tr. einz. p	—	—	30
77.0	<b>Monatssumme.</b>	—	—	31

**Wind-Verteilung.**

	7 a	2 p	9 p	Summe
N	2	2	2	6
NE	1	1	—	2
E	1	—	3	4
SE	—	2	—	2
S	—	1	1	2
SW	14	11	10	35
W	9	10	8	27
NW	4	4	5	13
Still	—	—	2	2

34

## Station Wiesbaden.

Monat

1.

2.

3.

Tag	Luftdruck (Barometerstand auf 0° und Normal- schwere reducirt) 700 mm +				Temperatur-Extreme (abgelesen 9 p) 0 C			Luft- 0 C	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Min- imum	Diffe- renz	7 a	2 p
1	52.8	53.7	53.1	53.2	22.9	14.9	8.0	18.4	22.2
2	49.1	47.1	49.2	48.5	26.2	12.9	13.3	17.5	25.4
3	51.8	53.3	54.1	53.1	17.9	12.4	5.5	12.7	16.9
4	55.9	57.2	58.5	57.2	17.8	11.8	6.0	13.2	16.7
5	58.4	58.6	58.5	<b>58.5</b>	21.3	10.1	11.2	13.7	19.5
6	57.0	54.9	54.8	55.6	25.4	12.5	12.9	17.7	24.8
7	54.5	53.4	53.2	53.7	27.2	15.0	12.2	17.4	27.1
8	54.3	53.4	53.4	53.7	<b>30.2</b>	15.6	<b>14.6</b>	19.4	28.8
9	53.6	53.8	53.6	53.7	24.4	16.9	7.5	20.8	23.3
10	53.2	53.2	54.4	53.6	25.6	17.1	8.5	20.4	24.0
11	57.4	57.3	56.7	57.1	24.7	16.3	8.4	17.1	23.8
12	57.2	56.0	56.2	56.5	26.2	13.3	12.9	15.9	26.1
13	55.5	53.4	54.0	54.3	28.3	13.5	14.8	16.9	27.7
14	55.8	54.5	55.8	55.4	24.6	16.1	8.5	17.1	23.6
15	55.9	55.0	53.7	54.9	25.1	18.5	6.6	19.6	24.9
16	52.3	48.8	46.8	49.3	27.3	14.3	13.0	16.5	26.8
17	47.4	48.0	48.4	47.9	22.7	17.8	4.9	20.5	19.6
18	46.8	47.0	49.1	47.6	22.0	16.4	5.6	18.7	20.3
19	55.4	57.3	58.6	57.1	21.8	15.6	6.2	16.4	21.6
20	<b>58.9</b>	55.8	53.4	56.0	23.2	12.6	10.6	15.1	22.8
21	49.1	45.4	42.7	45.7	24.0	<b>14.1</b>	9.9	16.0	23.9
22	43.1	46.3	48.7	46.0	18.2	13.1	5.1	14.0	17.6
23	51.0	51.5	52.9	51.8	20.0	<b>8.6</b>	11.4	10.8	19.4
24	53.9	52.4	51.2	52.5	22.5	9.0	13.5	11.4	22.0
25	48.3	46.9	48.1	47.8	21.8	13.7	8.1	15.1	20.1
26	49.9	50.9	52.3	51.0	19.5	13.3	6.2	14.1	19.1
27	52.9	53.1	55.2	53.7	21.3	12.8	8.5	15.0	20.6
28	56.7	56.4	57.1	56.7	21.2	12.0	9.2	14.4	20.9
29	55.7	52.6	50.4	52.9	21.8	10.1	<b>11.7</b>	12.6	21.5
30	47.4	44.8	45.3	45.8	21.7	13.1	8.6	14.3	16.3
31	43.4	<b>42.1</b>	45.6	<b>43.7</b>	15.5	11.7	<b>3.8</b>	12.7	14.4
Monats- Mittel	52.7	52.1	52.4	<b>52.4</b>	23.0	13.7	9.3	16.0	22.0

## PENTADEN-ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschlag
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
Juli 30.—3. Aug.	257.2	51.4	85.4	17.1	33.3	6.7	21.9
4.—8. "	278.7	55.7	95.6	19.1	16.7	3.3	0.6
9.—13. "	275.2	55.0	103.8	20.8	13.6	2.7	1.6
14.—18. "	255.1	51.0	98.2	19.6	22.7	4.5	11.5
19.—23. "	256.6	51.3	83.0	16.6	30.6	6.1	14.1
24.—28. "	261.7	52.3	81.8	16.4	33.3	6.7	7.7
29.—2. Sept.	243.6	48.7	68.6	13.7	28.0	5.6	6.7

August 1909.

Beobachter Lamp e.

35

4.

5.

temperatur		Absolute Feuchtigkeit				Relative Feuchtigkeit				Tag
		mm		%						
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	Tag
17.3	18.8	12.5	12.9	11.7	12.4	80	65	80	75.0	1
16.2	18.8	11.6	13.7	11.8	12.4	78	57	86	73.7	2
12.7	13.8	9.1	9.5	9.6	9.4	85	66	89	80.0	3
14.7	14.8	9.9	10.7	10.5	10.4	88	75	85	82.7	4
15.8	16.2	9.8	12.4	11.6	11.3	85	74	87	82.0	5
19.6	20.4	11.3	13.6	12.8	12.6	75	58	76	69.7	6
20.0	21.1	13.0	14.4	14.5	14.0	88	55	83	75.3	7
22.1	23.1	14.0	15.5	16.3	15.3	84	53	83	73.3	8
19.1	20.6	14.9	16.6	15.5	15.7	82	78	94	84.7	9
20.1	21.2	15.3	17.4	15.5	16.1	86	79	89	84.7	10
19.8	20.1	12.0	12.8	12.6	12.5	83	59	73	71.7	11
19.8	20.4	11.3	14.0	13.0	12.8	84	56	76	72.0	12
20.7	21.5	12.1	9.9	12.5	11.5	85	36	69	63.3	13
18.9	19.6	8.5	8.9	11.2	9.5	59	41	69	56.3	14
18.5	20.4	12.8	13.9	14.0	13.6	76	60	88	74.7	15
19.8	20.7	12.5	12.4	13.3	12.7	90	47	78	71.7	16
17.8	18.9	14.5	14.9	13.9	14.4	81	88	92	87.0	17
17.8	18.6	14.2	15.1	11.9	13.7	88	85	78	83.7	18
15.9	17.4	10.2	8.7	10.9	9.9	73	46	81	66.7	19
16.6	17.8	10.8	10.6	11.7	11.0	85	52	83	73.3	20
17.7	18.8	11.7	9.8	12.2	11.2	86	44	81	70.3	21
14.2	15.0	9.8	8.5	9.1	9.1	82	57	76	71.7	22
12.9	14.0	8.4	8.8	9.5	8.9	89	52	87	76.0	23
16.2	16.4	8.7	10.7	11.3	10.2	87	55	82	74.7	24
16.3	17.0	11.7	14.4	13.2	13.1	91	83	96	90.0	25
14.0	15.3	10.9	10.6	10.7	10.7	92	64	91	82.3	26
16.3	17.0	10.9	10.7	10.9	10.8	86	59	79	74.7	27
14.6	16.1	10.3	10.7	10.5	10.5	85	58	85	76.0	28
14.9	16.0	9.4	11.4	10.9	10.6	88	69	87	78.3	29
14.6	15.0	10.5	12.6	10.3	11.1	87	92	84	87.7	30
12.3	12.9	8.9	8.9	7.7	8.5	82	73	72	75.7	31
17.0	18.0	11.3	12.1	12.0	11.8	83.5	62.2	82.5	76.0	

	Maximum	am	Minimum	am	Differenz
Luftdruck . . . . .	758.9	20.	742.1	31.	16.8
Lufttemperatur . . . .	30.2	8.	8.6	23.	21.6
Absolute Feuchtigkeit .	16.6	9.	7.7	31.	8.9
Relative Feuchtigkeit .	96	25.	36	13.	60
Grösste tägliche Niederschlagshöhe . . . . .			18.4	am 3.	
Zahl der heiteren Tage (unter 2,0 im Mittel) . . . . .				7	
" " trüben Tage (über 8,0 im Mittel) . . . . .				5	
" " Sturmtage (Stärke 8 oder mehr) . . . . .				—	
" " Eistage (Maximum unter 0°) . . . . .				—	
" " Frosttage (Minimum unter 0°) . . . . .				—	
" " Sommertage (Maximum 25,00 oder mehr) . . . . .				9	

36

## Station Wiesbaden.

6.

Monat

7.

Tag	B e w ö l k u n g				W i n d			
	ganz wolkenfrei == 0		ganz bewölkt == 10		Richtung und Stärke			
	7 a	2 p	9 p	Tages- mittel	7 a	2 p	Windstille == 0	Orkan == 12
1	6	5	7	6.0	W	3	W	3
2	4	5	3	4.0	NE	2	S	3
3	7	10	2	6.3	NE	2	NW	3
4	10	8	9	9.0	NW	2	NW	2
5	0	10	0	3.3	N	1	NE	2
6	9	2	0	3.7	NW	2	NW	3
7	2	0	0	0.7	.. .	0	E	2
8	0	0	0	0.0	E	1	E	2
9	7	10	2	6.3	SE	1	SW	1
10	6	4	0	3.3	SE	1	SW	1
11	2	0	0	0.7	N	2	NE	2
12	0	0	0	0.0	NE	1	NE	1
13	2	6	2	3.3	SW	2	SW	4
14	3	2	4	3.0	NW	3	NW	3
15	10	8	2	6.7	NW	2	NW	2
16	0	0	0	0.0	NW	1	E	2
17	6	9	2	5.7	SW	2	SE	1
18	10	10	2	7.3	SW	1	SW	1
19	4	6	0	3.3	SW	3	SW	3
20	8	8	6	7.3	NW	1	SW	2
21	7	7	10	8.0	SW	1	S	2
22	10	10	4	8.0	W	3	SW	3
23	6	6	0	4.0	.. .	0	SW	2
24	0	4	0	1.3	SW	2	SW	3
25	10	7	10	9.0	.. .	0	SW	2
26	10	8	10	9.3	SW	1	E	1
27	9	10	10	9.7	N	1	N	2
28	2	6	4	4.0	NW	1	NW	2
29	0	2	2	1.3	NE	1	E	2
30	10	10	10	10.0	N	1	NW	1
31	6	9	6	7.0	W	3	W	4
	5.4	5.9	3.4	4.9		1.5	2.2	1.4
							Mittel 1.7	

Zahl der Tage mit:	
Niederschlag mindestens 1,0 mm . . . (●) *	6
Niederschlag mehr als 0,2 mm . . . " " "	10
Niederschlag mindestens 0,1 mm . . . " " "	12
Schnee mindestens 0,1 mm . . . . . (※)	—
Hagel . . . . . (▲)	1
Graupeln . . . . . (△)	—
Tau . . . . . (—)	22
Reif . . . . . (—)	—
Glatteis . . . . . (◎)	—
Nebel . . . . . (≡)	—
Gewitter . . . . . (nah ☼, fern T)	4
Wetterleuchten . . . . . (⟨)	—

August 1909.

Beobachter Lampe.

37

8.

9.

Höhe 7a mm	N i e d e r s c h l a g	Form und Zeit	Höhe der Schneedecke in cm 7a	Bemer- kungen	Tag
0.0	—	—	—	—	1
—	○ <sup>2</sup> mit ▲ <sup>0</sup> 313—323, ○ <sup>2</sup> 323—328, ○ <sup>1</sup> 328—333 p, ○ <sup>2</sup> sch.	[643—658 p]	333 p	□ 2S—N 303—323 p	2
18.4	○ <sup>0</sup> sch. ztw. p	—	—	—	3
0.3	○ <sup>0</sup> fr. f. ○ <sup>0</sup> 8—10 a	—	—	—	4
0.3	—	—	—	—	5
—	—	—	—	—	6
—	—	—	—	—	7
—	—	—	—	—	8
—	○ <sup>0</sup> 817—833 a	—	—	—	9
0.8	○ <sup>0</sup> 1103—113/4 a	—	—	—	10
0.8	—	—	—	—	11
—	—	—	—	—	12
—	—	—	—	—	13
—	—	—	—	—	14
—	—	—	—	—	15
—	—	—	—	—	16
11.5	○ <sup>1·2</sup> 1050—113/4 a, ○ <sup>1</sup> 137—II, ○ <sup>0</sup> —215 p	—	—	—	17
8.0	○ <sup>0·1</sup> 1040 a—II—21/2 p, ○ <sup>0</sup> abds.	—	—	—	18
—	—	—	—	—	19
—	—	—	—	—	20
6.1	○ n	—	—	—	21
—	—	—	—	—	22
—	—	—	—	—	23
0.1	○ n, ○ <sup>0</sup> ztw. a, ○ <sup>0·1</sup> oft p	—	—	—	24
7.5	○ n, ○ <sup>0</sup> a ztw.	—	—	—	25
0.1	—	—	—	—	26
—	—	—	—	—	27
—	—	—	—	—	28
—	○ <sup>1·2</sup> sch. 116—145 p, ○ <sup>0</sup> —II ○ tr. ztw. p	—	—	—	29
6.1	○ <sup>0</sup> ztw. a + p	—	—	—	30
60.0	Monatssumme.	—	—	—	—

Wind-Verteilung.				
	7a	2p	9p	Summe
N	4	1	5	10
NE	4	3	3	10
E	1	5	2	8
SE	2	1	1	4
S	—	2	—	2
SW	7	10	8	25
W	3	2	3	8
NW	7	7	4	18
Still	3	—	5	8

38

## Station Wiesbaden.

Monat

1.

2.

3.

Tag	Luftdruck (Barometerstand auf 0° und Normalschwere reduziert) 700 mm +				Temperatur-Extreme (abgelesen 9 p) °C			Luft-	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Mini- mum	Diffe- renz	7 a	2 p
1	47.8	47.8	48.8	48.1	17.3	8.9	8.4	10.5	16.8
2	51.1	52.7	55.4	53.1	16.4	7.6	8.8	9.1	15.6
3	58.3	57.9	58.4	58.2	17.9	6.3	11.6	7.8	17.3
4	57.2	52.7	50.1	53.3	20.9	5.6	15.3	7.6	20.2
5	44.3	48.3	52.8	48.5	17.3	11.3	6.0	12.3	15.9
6	54.3	51.1	49.1	51.5	18.4	6.1	12.3	8.1	18.0
7	47.2	46.6	48.0	47.3	19.3	10.3	9.0	13.6	18.9
8	49.6	48.9	49.7	49.4	17.2	7.1	10.1	9.4	16.4
9	51.6	51.3	50.7	51.2	21.7	10.7	11.0	12.6	20.5
10	51.3	49.6	48.3	49.7	24.0	13.9	10.1	14.9	23.3
11	53.2	51.5	50.2	51.6	21.6	10.3	11.3	11.7	20.5
12	48.6	47.7	47.5	47.9	20.9	11.8	9.1	13.7	20.8
13	47.3	48.3	49.8	48.5	18.7	14.3	4.4	15.8	17.4
14	51.8	54.1	55.7	53.9	16.8	13.6	3.2	14.2	16.1
15	54.9	54.8	55.5	55.1	16.4	10.5	5.9	12.7	16.1
16	55.4	54.7	55.1	55.1	18.6	8.0	10.6	9.4	17.9
17	55.4	54.2	53.4	54.3	18.6	7.9	10.7	11.8	16.7
18	52.2	52.0	52.8	52.3	15.8	9.8	6.0	12.1	15.5
19	52.4	51.5	51.1	51.7	15.6	11.4	4.2	11.9	15.5
20	52.2	52.0	51.7	52.0	19.2	13.5	5.7	13.9	18.3
21	51.5	50.7	50.8	51.0	19.0	11.4	7.6	11.7	18.2
22	52.3	52.0	52.5	52.3	20.9	10.8	10.1	12.1	20.7
23	53.8	54.4	56.3	54.8	20.6	10.6	10.0	11.1	20.4
24	58.0	57.7	58.2	58.0	20.9	12.5	8.4	13.8	20.3
25	57.9	56.4	55.9	56.7	19.6	12.6	7.0	14.5	19.6
26	54.5	53.4	53.7	53.9	15.9	11.3	4.6	13.5	15.2
27	54.1	54.7	55.9	54.9	17.2	11.7	5.5	12.4	16.5
28	56.0	54.4	54.0	54.8	16.6	7.8	8.8	9.9	16.5
29	51.8	50.2	49.2	50.4	15.9	10.1	5.8	10.7	15.8
30	48.2	49.2	50.4	49.3	17.1	10.9	6.2	11.9	15.9
Monats- Mittel	52.5	52.0	52.4	52.3	18.6	10.3	8.3	11.8	17.9

## PENTADEN - ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschlag
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
3.— 7. Sept.	258.8	51.8	65.8	13.2	16.0	3.2	16.3
8.—12.	249.8	50.0	82.1	16.4	18.7	3.7	6.5
13.—17.	266.9	53.4	69.9	14.0	33.4	6.7	2.9
18.—22.	259.3	51.9	72.0	14.4	31.7	6.3	14.9
23.—27.	278.3	55.7	74.4	14.9	34.4	6.9	25.0
28.— 2. Okt.	249.4	49.9	61.7	12.3	38.9	7.8	0.4

September 1909.

Beobachter Lampe.

39

4.

5

temperatur		Absolute Feuchtigkeit mm				Relative Feuchtigkeit %				Tag
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	
11.1	12.4	7.2	5.9	7.4	6.8	75	42	75	64.0	1
12.2	12.3	7.1	7.6	7.7	7.5	83	58	73	71.3	2
10.7	11.6	7.5	7.6	7.7	7.6	94	52	80	75.3	3
14.8	14.4	6.9	7.5	7.9	7.4	89	42	63	64.7	4
11.3	12.7	10.0	7.1	8.3	8.5	95	53	83	77.0	5
14.6	13.8	7.2	7.5	9.0	7.9	89	49	73	70.3	6
10.3	13.3	10.0	8.1	8.3	8.8	87	50	89	75.3	7
13.2	13.0	7.9	10.6	10.8	9.8	89	76	96	87.0	8
17.0	16.8	10.3	12.7	11.9	11.6	96	71	83	82.3	9
21.3	20.2	11.2	14.4	13.0	12.9	89	68	69	75.3	10
15.2	15.6	9.8	11.1	11.5	10.8	96	62	89	82.3	11
15.7	16.5	10.9	10.8	11.3	11.0	94	59	85	79.3	12
15.1	15.8	11.4	12.4	11.1	11.6	85	84	87	85.3	13
14.1	14.6	10.7	9.9	9.6	10.1	90	73	80	81.0	14
10.6	12.5	9.4	10.1	8.9	9.5	87	74	94	85.0	15
14.0	13.8	8.1	11.2	10.7	10.0	92	74	91	85.7	16
12.1	13.2	9.7	11.2	9.8	10.2	95	79	94	89.3	17
12.4	13.1	9.9	10.5	9.1	9.8	95	80	86	87.0	18
13.7	13.7	9.9	11.0	10.9	10.6	96	84	94	91.3	19
13.9	15.0	9.7	10.3	10.7	10.2	82	65	92	79.7	20
13.4	14.2	9.8	11.2	10.7	10.6	96	72	94	87.3	21
15.7	16.0	8.8	12.3	10.5	10.5	84	68	79	77.0	22
14.7	15.2	9.2	12.5	11.6	11.1	94	70	93	85.7	23
14.7	15.9	11.3	12.1	11.3	11.6	97	68	91	85.3	24
15.1	16.1	11.2	11.5	11.7	11.5	92	68	91	83.7	25
12.5	13.4	9.9	9.7	8.6	9.4	87	75	81	81.0	26
13.2	13.8	9.3	10.1	10.0	9.8	88	72	89	83.0	27
10.2	11.7	8.1	8.6	8.4	8.4	89	62	91	80.7	28
12.5	12.9	9.1	9.7	10.1	9.6	95	73	94	87.3	29
11.2	12.6	9.6	10.9	9.2	9.9	94	81	93	89.3	30
13.6	14.2	9.4	10.2	9.9	9.8	90.5	66.8	85.7	81.0	

	Maximum	am	Minimum	am	Differenz
Luftdruck . . . .	758.4	3.	744.3	5.	14.1
Lufttemperatur . . .	24.0	10.	5.6	4.	18.4
Absolute Feuchtigkeit .	14.4	10.	5.9	1.	8.5
Relative Feuchtigkeit .	97	24.	42	1. 4.	55
Grösste tägliche Niederschlagshöhe . . . . .				21.5 am 25.	
Zahl der heiteren Tage (unter 2,0 im Mittel) . . . . .					6
" " trüben Tage (über 8,0 im Mittel) . . . . .					8
" " Sturmtage (Stärke 8 oder mehr) . . . . .					1
" " Eistage (Maximum unter 0°) . . . . .					—
" " Frosttage (Minimum unter 0°) . . . . .					—
" " Sommertage (Maximum 25,0° oder mehr) . . . . .					—

40

## Station Wiesbaden.

6.

Monat

7.

Tag	B e w ö l k u n g				W i n d			
	ganz wolkenfrei = 0		ganz bewölkt = 10		Richtung und Stärke			
	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Windstille = 0      Orkan = 12
1	2	2	10	4.7	W	3	W	NW 3
2	4	6	5	5.0	NW	2	SW	N 3
3	1	1	0	0.7	N	2	N	N 1
4	0	0	10	3.3	N	1	SW	SW 2
5	10	6	0	5.3	NE	2	NW	W 1
6	0	4	7	3.7	W	2	SW	SW 1
7	4	5	0	3.0	SW	2	SW	SW 1
8	8	10	10	9.3	SW	2	NE	... 0
9	3	2	0	1.7	NE	2	NE	... 0
10	0	10	10	6.7	...	0	NE	NE 2
11	0	1	0	0.3	SW	1	SW	NE 1
12	1	1	0	0.7	N	1	NW	NW 2
13	10	10	10	10.0	SW	1	SW	N 1
14	10	10	10	10.0	N	2	N	N 3
15	10	10	0	6.7	NE	2	NE	... 0
16	0	5	0	1.7	...	0	NE	NE 1
17	10	5	0	5.0	NE	1	NE	NE 2
18	10	10	10	10.0	NE	1	NW	N 1
19	10	9	10	9.7	N	1	SW	SW 2
20	8	3	8	6.3	NE	3	SW	... 0
21	9	3	0	4.0	E	1	E	...
22	4	1	0	1.7	...	0	NE	NE 2
23	2	2	6	3.3	...	0	SE	...
24	10	3	7	6.7	...	0	W	N 1
25	8	7	8	7.7	NW	2	SW	...
26	10	6	8	8.0	SW	2	SW	N 1
27	10	7	9	8.7	NW	2	NW	NE 1
28	9	2	8	6.3	...	0	SE	SE 2
29	10	10	10	10.0	SE	1	SE	SE 1
30	10	9	6	8.3	...	0	NE	NE 1
	6.1	5.3	5.4	5.6		1.3		1.9
							Mittel	1.5
								1.2

Z a h l d e r T a g e m i t :	
Niederschlag mindestens 1,0 mm . . . (●) *	10
Niederschlag mehr als 0,2 mm . . . " " "	12
Niederschlag mindestens 0,1 mm . . . " " "	14
Schnee mindestens 0,1 mm . . . . . (※)	—
Hagel . . . . . (▲)	—
Graupeln . . . . . (△)	—
Tau . . . . . (▬)	16
Reif . . . . . (▬)	—
Glatteis . . . . . (◎)	—
Nebel . . . . . (≡)	—
Gewitter . . . . . (nah ☼, fern ☿)	2
Wetterleuchten . . . . . (⟨)	—

September 1909.

Beobachter Lampe.

41

8.

9.

Höhe 7a mm	Niederschlag	Form und Zeit	Höhe der Schneedecke in cm 7a	Bemer- kungen	Tag
0.2	○ 0 ztw. p		—		1
0.4	○ tr. einz. p		—		2
—	—		—	p	3
3.5	○ n, ○ 0 I—8½ a, ○ 0·1 sch. zw. 5—6 p		—	p	4
1.3	—		—	p	5
1.5	○ n		—	p	6
—	○ 0·2 p—III—10¾ p mit klein. Unterbr.		—	p	7
3.1	—		—	p	8
—	○ 0·1 945 p—n		—	p	9
3.4	—		—	p	10
—	—		—	p	11
—	○ 0 150—II—III m. kl. Unterbr.—n		—	p	12
2.7	○ n		—	p	13
—	○ 0 I—8½ a		—	p	14
0.2	—		—	p	15
—	—		—	p	16
—	○ 0 v. 410 p—III fast ununterbrochen u. später		—	p	17
9.9	○ n, ○ 0 I—12¼ p fast ohne Unterbr. ○ 0 ztw. p—III u.		—	p	18
5.0	—	[später]	—	p	19
—	—		—	p	20
—	—		—	p	21
—	—		—	p	22
—	—		—	p	23
—	○ 1·2 627—8 p		—	p	24
1.5	—		—	p	25
—	○ 1 753—820, ○ 0 820—850 a		—	2Donner	26
3.5	—		—	249+253	27
—	—		—	p	28
—	○ 0 3¼ u. ztw. p—III u. später		—	p	29
0.4	—		—	p	30
6.6	Monatssumme.		—		

Wind - Verteilung.				
	7a	2p	9p	Summe
N	5	2	7	14
NE	6	8	7	21
E	1	1	—	2
SE	1	3	2	6
S	—	—	—	—
SW	5	10	4	19
W	2	2	1	5
NW	3	4	2	9
Still	7	—	7	14

42

## Station Wiesbaden.

Monat

1.

2.

3.

Tag	Luftdruck (Barometerstand auf 0° und Normalschwere reducirt) 700 mm +				Temperatur-Extreme (abgelesen 9 p) °C			Luft-	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Min- imum	Diffe- renz	7 a	2 p
1	48.5	46.0	44.3	46.3	15.0	8.6	6.4	10.4	14.7
2	45.9	48.5	51.5	48.6	16.5	9.6	6.9	11.5	15.5
3	54.8	53.9	51.5	53.4	17.6	9.1	8.5	10.3	17.2
4	49.7	49.6	47.9	49.1	20.2	14.3	5.9	14.7	17.9
5	45.9	44.4	43.0	44.4	19.4	15.0	4.4	15.6	18.9
6	47.0	50.2	53.7	50.3	17.2	10.4	6.8	13.0	15.7
7	55.1	55.0	54.5	54.9	15.6	9.2	6.4	10.7	15.3
8	52.1	49.6	49.9	50.5	14.1	9.7	4.4	10.5	12.7
9	53.7	57.2	59.2	56.7	14.0	8.7	5.3	12.5	13.7
10	59.4	58.6	58.5	58.8	13.3	6.6	6.7	7.2	12.5
11	56.9	54.8	54.5	55.4	14.5	4.2	10.3	4.9	14.3
12	54.5	54.2	54.1	54.3	13.0	5.6	7.4	8.1	12.7
13	54.5	53.4	53.9	53.9	16.4	9.5	6.9	10.7	16.1
14	53.5	53.2	57.7	54.8	14.4	8.1	6.3	12.4	13.8
15	57.5	54.9	54.2	55.5	14.7	4.5	10.2	7.0	14.6
16	52.8	52.1	51.9	52.3	14.9	6.4	8.5	8.7	14.8
17	50.9	48.5	49.2	49.5	15.8	7.8	8.0	8.4	15.6
18	50.3	50.0	51.6	50.6	17.0	7.3	9.7	7.6	16.2
19	54.1	54.5	55.9	54.8	16.3	7.5	8.8	9.1	15.4
20	56.3	55.1	54.6	55.3	13.3	9.0	4.3	10.3	13.0
21	54.0	53.7	55.9	54.5	12.9	7.7	5.2	9.1	11.7
22	60.3	60.2	60.8	60.4	13.6	6.4	7.2	6.8	13.3
23	59.2	56.6	53.4	56.4	14.2	5.6	8.6	6.3	13.9
24	48.1	49.2	50.3	49.2	16.1	6.4	9.7	10.4	14.9
25	49.0	47.8	48.8	48.5	9.7	5.6	4.1	6.5	9.2
26	49.9	47.9	45.7	47.8	6.8	1.7	5.1	1.8	6.2
27	43.7	42.0	40.6	42.1	9.3	4.2	5.1	5.3	8.6
28	40.6	42.2	45.1	42.6	11.1	7.6	3.5	7.6	10.8
29	46.0	46.2	48.1	46.8	14.1	7.4	6.7	8.1	13.7
30	50.2	50.3	50.5	50.3	9.9	6.1	3.8	6.6	9.3
31	50.4	50.7	53.3	51.5	10.5	7.6	2.9	8.1	10.3
Monats- Mittel	51.7	51.3	51.7	51.6	14.2	7.7	6.6	9.0	13.6

## PENTADEN-ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschl.
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
3.—7. Okt.	252.1	50.4	71.6	14.3	36.4	7.3	38.6
8.—12.	275.7	55.1	51.4	10.3	27.1	5.4	16.3
13.—17.	266.0	53.2	55.7	11.1	32.7	6.5	13.0
18.—22.	275.6	55.1	53.8	10.8	32.7	6.5	5.6
23.—27.	244.0	48.8	37.6	7.5	37.3	7.5	3.1
28.—1. Nov.	246.9	49.4	46.5	9.3	46.0	9.2	5.2

Oktober 1909.

Beobachter Lampe.

43

4.

5.

temperatur		Absolute Feuchtigkeit mm				Relative Feuchtigkeit %				Tag
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	
10.4	11.5	8.8	10.1	8.9	9.3	94	82	95	90.3	1
12.4	13.0	9.6	10.9	10.0	10.2	96	83	94	91.0	2
14.5	14.1	9.0	11.8	11.9	10.9	96	81	97	91.3	3
16.3	16.3	12.0	13.6	12.8	12.8	97	89	93	93.0	4
17.0	17.1	11.8	12.6	12.5	12.3	89	78	87	84.7	5
10.4	12.4	10.6	8.1	8.0	8.9	96	61	85	80.7	6
10.4	11.7	8.7	9.8	8.9	9.1	92	76	95	87.7	7
12.4	12.0	9.2	10.5	9.7	9.8	98	97	91	95.3	8
8.7	10.9	9.3	7.9	7.5	8.2	87	68	89	81.3	9
7.5	8.7	6.7	6.8	6.6	6.7	89	63	86	79.3	10
8.7	9.2	6.2	8.7	8.1	7.7	97	72	96	88.3	11
10.9	10.6	7.6	9.1	9.0	8.6	94	85	93	90.7	12
12.6	13.0	9.2	11.5	10.5	10.4	97	84	97	92.7	13
8.1	10.6	10.6	11.5	7.6	9.9	99	98	94	97.0	14
8.9	9.8	7.0	7.9	8.0	7.6	94	63	95	84.0	15
11.2	11.5	7.9	9.1	9.2	8.7	95	73	93	87.0	16
9.7	10.8	7.8	10.3	8.6	8.9	94	78	96	89.3	17
10.7	11.3	7.6	11.0	9.2	9.3	98	80	97	91.7	18
10.7	11.5	8.4	10.9	9.3	9.5	98	84	98	93.3	19
9.0	10.3	9.2	10.0	8.3	9.2	99	90	97	95.3	20
12.6	11.5	8.5	9.1	8.2	8.6	99	89	76	88.0	21
8.3	9.2	7.2	7.8	7.5	7.5	98	68	92	86.0	22
7.7	8.9	6.8	8.4	7.4	7.5	96	71	94	87.0	23
7.2	9.9	7.8	6.3	7.0	7.0	84	51	93	76.0	24
5.6	6.7	6.2	5.6	5.3	5.7	86	65	79	76.7	25
4.4	4.2	5.1	5.7	5.0	5.3	98	81	80	86.3	26
8.9	7.9	5.8	7.4	7.6	6.9	87	89	89	88.3	27
7.9	8.6	7.5	8.7	7.6	7.9	96	90	96	94.0	28
9.7	10.3	7.7	8.2	7.1	7.7	96	70	79	81.7	29
8.1	8.0	6.2	6.8	7.6	6.9	85	78	94	85.7	30
9.5	9.4	7.3	8.1	8.0	7.8	91	88	91	90.0	31
0.0	10.7	8.2	9.2	8.5	8.6	94.0	78.2	91.3	87.9	

	Maximum	am	Minimum	am	Differenz
Aufldruck . . . . .	760.8	22.	740.6	27. 28.	20.2
Auftemperatur . . . .	20.2	4.	1.7	26.	18.5
Absolute Feuchtigkeit .	13.6	4.	5.0	26.	8.6
Relative Feuchtigkeit .	99	14.20.21.	51	24.	48
Grösste tägliche Niederschlagshöhe . . . . .				18.8 am 6.	
zahl der heiteren Tage (unter 2,0 im Mittel) . . . . .				2	
" " trüben Tage (über 8,0 im Mittel) . . . . .				10	
" " Sturmtage (Stärke 8 oder mehr) . . . . .				1	
" " Eistage (Maximum unter 0°) . . . . .				—	
" " Frosttage (Minimum unter 0°) . . . . .				—	
" " Sommertage (Maximum 25,00 oder mehr) . . . .				—	

44

Station Wiesbaden.

6.

Monat

7.

Tag	Bewölkung				Wind			
	ganz wolkenfrei = 0		ganz bewölkt = 10		Richtung und Stärke			
	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Windstille = 0      Orkan = 12
1	10	10	2	7.3	...	0	E	1 NE 1
2	9	6	6	7.0	...	0	...	E 1
3	2	6	10	6.0	E	1	SW	2 SW 1
4	8	6	10	8.0	SW	2	SW	3 SW 1
5	9	10	10	9.7	SW	2	SW	2 SW 2
6	8	4	0	4.0	SW	2	N	2 N 2
7	10	10	6	8.7	N	1	E	1 E 1
8	10	10	0	6.7	SE	1	S	1 SW 2
9	6	6	9	7.0	SW	3	NW	3 NW 2
10	7	2	0	3.0	NW	1	E	3 NE 2
11	0	2	0	0.7	E	2	E	3 NE 1
12	10	9	10	9.7	NW	2	NW	3 NW 2
13	8	4	10	7.3	NW	1	...	0 NE 1
14	10	10	0	6.7	NE	1	...	0 NW 2
15	10	6	2	6.0	W	1	S	2 SW 1
16	10	10	6	8.7	SW	1	SW	1 SW 1
17	10	2	0	4.0	SW	1	SE	3 SE 2
18	0	2	0	0.7	SE	1	SE	1 SE 1
19	10	8	6	8.0	SE	1	SE	1 SE 1
20	10	8	8	8.7	SE	2	SE	1 SE 1
21	10	10	10	10.0	SE	1	SE	1 SW 2
22	0	6	10	5.3	SW	2	SW	3 W 1
23	10	7	5	7.3	NW	2	SE	2 SE 2
24	10	4	3	5.7	W	2	W	4 NE 2
25	4	9	9	7.3	SW	3	SW	4 NW 2
26	8	7	7	7.3	SW	3	SW	3 NE 2
27	10	9	10	9.7	NE	3	NE	3 NE 1
28	10	7	8	8.3	NE	2	NW	2 NW 1
29	10	9	10	9.7	NW	2	SW	3 SW 2
30	4	10	10	8.0	NE	2	NE	2 NE 1
31	10	10	10	10.0	N	1	NE	1 NE 1
	7.8	7.1	6.0	7.0		1.6		2.0
							Mittel 1.7	1.5

Zahl der Tage mit:		
Niederschlag mindestens 1,0 mm . . . (●) *	▲ △)	9
Niederschlag mehr als 0,2 mm . . . " "	" "	16
Niederschlag mindestens 0,1 mm . . . " "	" "	18
Schnee mindestens 0,1 mm . . . . . (※)	(*)	—
Hagel . . . . .	(▲)	—
Graupeln . . . . .	(△)	—
Tau . . . . .	(D)	11
Reif . . . . .	(—)	—
Glatteis . . . . .	(∞)	—
Nebel . . . . .	(≡)	3
Gewitter . . . . . (nah ☼, fern T)	—	1
Wetterleuchten . . . . . (ξ)	—	—

Oktober 1909.

Beobachter Lampe.

45

8.

9.

## N i e d e r s c h l a g

Höhe 7a  
mm

Form und Zeit

Höhe  
der  
Schneedecke  
in cm  
7a

Bemerkungen

Tag

—	—			1
—	—			2
—	○ <sup>0</sup> 6 <sup>1</sup> / <sub>2</sub> p—III + später			3
10.0	○ n, ○ <sup>0</sup> I—9 a, ○ <sup>0</sup> 11 <sup>1</sup> / <sub>4</sub> —2 <sup>1</sup> / <sub>2</sub> p ztw. ○ <sup>0</sup> 8 <sup>1</sup> / <sub>2</sub> —III ztw.			4
9.8	○ n, ○ <sup>0</sup> ztw. a, ○ <sup>0</sup> 8 <sup>1</sup> / <sub>2</sub> p—III ztw., ○ <sup>0</sup> 1 III + später,	[○ <sup>2</sup> 9 <sup>3</sup> / <sub>4</sub> —10 <sup>0</sup> 7, ○ <sup>0</sup> 1—n]		5
18.8	○ n			6
—	—			7
—	○ <sup>0</sup> 1 v. 8 a—II—7 <sup>1</sup> / <sub>2</sub> p mit wenig. Unterbr.			8
16.3	○ n			9
—	—			10
—	—			11
—	—			12
0.2	○ n, ○ <sup>0</sup> 8 <sup>1</sup> / <sub>4</sub> p—III + später			13
4.5	○ n, ○ <sup>1</sup> I—II—2 <sup>1</sup> / <sub>2</sub> p fast ununterbr.		☒ n 2 <sup>1</sup> / <sub>2</sub> —3 <sup>1</sup> / <sub>2</sub> a	14
7.8	—			15
0.5	○ n			16
—	—			17
—	—			18
—	—		□ ≡ <sup>1</sup> 18 <sup>1</sup> / <sub>4</sub> 10 <sup>1</sup> / <sub>2</sub> a	19
0.3	f. Sprüh○ fr. + 8—9 a	[≡ <sup>1</sup> n—8 <sup>1</sup> / <sub>2</sub> a, ≡ <sup>1</sup> 6 <sup>1</sup> / <sub>2</sub> —8	+ 9 <sup>1</sup> / <sub>2</sub> p—n	20
0.2	○ <sup>1</sup> 7 <sup>1</sup> / <sub>4</sub> —8 <sup>1</sup> / <sub>2</sub> p			21
5.1	○ n			22
—	—			23
—	f. ○ <sup>0</sup> einz. zw. 7 <sup>3</sup> / <sub>4</sub> —8 <sup>1</sup> / <sub>4</sub> a, ○ <sup>0</sup> 1 5 <sup>1</sup> / <sub>4</sub> —5 <sup>3</sup> / <sub>4</sub> p			24
1.8	○ n, ○ <sup>0</sup> ztw. a		ztw. — a + p	25
0.8	○ n			26
0.5	○ n, ○ <sup>0</sup> ztw. a + p			27
3.2	○ n, ○ <sup>0</sup> ztw. a + einz. p			28
0.4	○ <sup>0</sup> zw. 7 <sup>3</sup> / <sub>4</sub> + 8 <sup>1</sup> / <sub>2</sub> p			29
0.8	○ n, ○ <sup>0</sup> ztw. p—III + später			30
0.8	○ n			31
81.8	Monatssumme.			

## Wind - Verteilung.

	7a	2p	9p	Summe
N	2	1	1	4
NE	4	3	9	16
E	2	4	2	8
SE	5	6	5	16
S	—	2	—	2
SW	9	8	7	24
W	2	1	1	4
NW	5	3	6	14
Still	2	3	—	5

46

## Station Wiesbaden.

Monat

1.

2.

3.

Tag	Luftdruck (Barometerstand auf 0° und Normalschwere reduziert) 700 mm +				Temperatur-Extreme (abgelesen 9 p) 0°C			Luft- 0°C	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Mini- mum	Diffe- renz	7 a	2 p
1	55.1	55.7	56.4	55.7	<b>11.6</b>	9.2	2.4	9.5	11.3
2	55.9	54.2	53.2	54.4	11.1	9.3	1.8	9.5	10.9
3	51.9	51.1	52.1	51.7	10.2	8.8	<b>1.4</b>	8.9	10.0
4	54.3	55.1	56.8	55.4	10.0	3.1	6.9	4.8	8.7
5	57.2	56.3	56.8	56.8	9.4	0.2	<b>9.2</b>	2.1	9.2
6	56.2	54.6	55.0	55.3	8.7	1.2	7.5	1.3	8.7
7	53.9	53.1	54.1	53.7	5.7	0.5	5.2	0.7	5.4
8	55.8	56.6	58.5	57.0	6.3	3.2	3.1	3.4	6.0
9	59.1	58.2	56.3	<b>57.9</b>	6.9	0.2	6.7	0.7	6.6
10	53.2	51.7	51.0	52.0	3.9	-2.7	6.6	-2.2	8.0
11	51.4	51.4	52.5	51.8	6.5	2.6	3.9	4.5	5.6
12	46.3	44.3	43.7	44.8	9.4	2.6	6.8	3.4	8.7
13	<b>38.0</b>	40.5	44.7	<b>41.1</b>	9.2	4.5	4.7	7.6	8.9
14	46.5	44.4	42.7	44.5	5.4	-0.8	6.2	-0.6	4.2
15	40.6	42.8	45.5	43.0	6.6	2.7	3.9	4.3	6.4
16	45.0	<b>44.1</b>	44.7	44.6	6.1	1.4	4.7	4.3	2.3
17	46.1	47.1	49.1	47.4	3.8	1.0	2.8	1.2	2.9
18	50.7	51.7	54.1	52.2	3.2	1.0	2.2	2.2	2.9
19	55.8	55.8	55.5	55.7	2.3	-2.2	4.5	0.5	1.7
20	55.7	54.3	51.8	53.9	1.4	<b>-5.1</b>	6.5	-4.8	1.0
21	44.7	42.7	41.6	43.0	4.4	0.9	3.5	1.2	4.4
22	43.7	46.6	50.3	46.9	3.1	-0.3	3.4	0.5	1.9
23	54.7	57.3	<b>60.7</b>	57.6	0.6	-3.2	3.8	-2.1	-0.7
24	58.5	55.6	57.0	57.0	4.0	-3.8	7.8	-2.6	2.3
25	56.1	53.9	57.1	55.7	5.4	1.9	3.5	2.9	4.9
26	56.9	56.8	57.7	57.1	4.3	0.6	3.7	1.0	4.1
27	58.1	57.5	57.3	57.6	3.5	-1.2	4.7	1.2	2.9
28	55.7	53.9	51.5	53.7	4.3	-1.8	6.1	-0.9	2.3
29	49.1	47.9	45.8	47.6	7.4	4.1	3.3	5.7	6.5
30	42.2	40.9	44.4	42.5	9.6	6.7	2.9	8.0	9.5
Monats- Mittel	51.6	51.2	51.9	<b>51.6</b>	6.1	1.5	4.7	2.5	5.4

## PENTADEN - ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschlag
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
2.— 6. Nov.	273.6	54.7	35.8	7.2	27.4	5.5	—
7.—11. "	272.4	54.5	17.3	3.5	38.9	7.8	2.7
12.—16. "	218.0	43.6	24.3	4.9	46.6	9.3	18.2
17.—21. "	252.2	50.4	6.0	1.2	39.3	7.9	8.0
22.—26. "	274.3	54.9	5.3	1.1	36.4	7.3	3.8
27.— 1. Dez.	238.7	47.7	22.6	4.5	47.3	9.5	0.2

November 1909.

Beobachter Lampe.

47

4.

5

temperatur		Absolute Feuchtigkeit mm				Relative Feuchtigkeit %				Tag
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	
10.1	<b>10.2</b>	7.9	<b>8.3</b>	7.8	<b>8.0</b>	89	83	84	85.3	1
9.5	9.8	8.0	7.9	7.6	7.8	91	82	87	86.7	2
9.8	9.6	7.4	7.6	7.6	7.5	87	83	84	84.7	3
3.1	4.9	5.6	5.6	5.0	5.4	87	67	88	80.7	4
8.1	6.9	4.7	6.3	7.1	6.3	87	72	88	82.3	5
4.1	4.6	4.7	5.8	5.2	5.2	92	69	85	82.0	6
4.3	3.7	4.6	5.4	5.3	5.1	94	80	85	86.3	7
5.5	5.1	5.3	5.3	5.6	5.4	92	76	83	83.7	8
0.5	2.1	4.7	5.3	4.4	4.8	96	73	92	87.0	9
3.1	1.8	3.8	5.3	5.3	4.8	98	93	93	<b>94.7</b>	10
4.2	4.6	5.4	6.7	5.5	5.9	86	<b>99</b>	89	91.3	11
8.4	7.2	5.5	7.3	7.2	6.7	95	87	88	90.0	12
5.1	6.7	6.9	4.7	4.9	5.5	89	<b>55</b>	75	<b>73.0</b>	13
3.0	2.4	4.1	5.2	5.2	4.8	94	85	91	90.0	14
5.8	5.6	5.9	5.9	5.8	5.9	96	83	85	88.0	15
1.6	2.4	4.8	4.9	4.7	4.8	77	91	91	86.3	16
2.3	2.2	4.4	4.4	4.2	4.3	87	78	77	80.7	17
1.1	1.8	4.1	4.2	3.8	4.0	77	74	75	75.3	18
-2.2	-0.6	3.5	3.5	3.2	3.4	73	68	83	74.7	19
1.1	-0.4	2.9	3.9	4.4	3.7	93	77	89	86.3	20
3.1	3.0	4.6	5.1	4.6	4.8	92	82	81	85.0	21
-0.3	0.4	4.1	4.0	4.0	4.0	85	77	89	83.7	22
-3.2	<b>-2.3</b>	3.4	3.4	<b>2.8</b>	<b>3.2</b>	85	79	78	80.7	23
3.1	1.5	3.4	5.0	5.3	4.6	89	93	93	91.7	24
2.1	3.0	4.9	5.3	5.0	5.1	86	81	93	86.7	25
2.9	2.7	4.7	5.1	5.1	5.0	94	84	90	89.3	26
-1.2	0.4	4.7	4.8	4.0	4.5	94	85	94	91.0	27
4.1	2.4	3.8	4.7	5.3	4.6	88	85	87	86.7	28
7.1	6.6	5.9	6.7	6.9	6.5	86	93	91	90.0	29
6.7	7.7	6.4	5.8	6.2	6.1	81	65	84	76.7	30
4.1	<b>3.9</b>	5.0	5.4	5.3	<b>5.2</b>	88.7	80.0	86.4	<b>85.0</b>	

	Maximum	am	Minimum	am	Differenz
Luftdruck . . . . .	760.7	23.	738.0	13.	22.7
Lufttemperatur . . . .	11. <sup>6</sup>	1.	-5.1	20.	16.7
Absolute Feuchtigkeit .	8.3 <sup>6</sup>	1.	2.8	23.	5.5
Relative Feuchtigkeit .	99	11.	55	13.	44
Grösste tägliche Niederschlags Höhe . . . . .				8.0 am 17.	
Zahl der heiteren Tage (unter 2,0 im Mittel) . . . . .				2	
" " trüben Tage (über 8,0 im Mittel) . . . . .				19	
" " Sturmtage (Stärke 8 oder mehr) . . . . .				—	
" " Eistage (Maximum unter 0°) . . . . .				—	
" " Frosttage (Minimum unter 0°) . . . . .				9	
" " Sommertage (Maximum 25,0° oder mehr) . . . . .				—	

48

## Station Wiesbaden.

Monat

6.

7.

Tag	Bewölkung				Wind			
	ganz wolkenfrei = 0		ganz bewölkt = 10		Richtung und Stärke		Windstille = 0 Orkan = 12	
	7 a	2 p	9 p	Tagesmittel	7 a	2 p	9 p	
1	10	10	10	10.0	NE	1	NE	1
2	10	10	10	10.0	NE	1	NE	1
3	10	10	10	10.0	NW	1	NW	1
4	2	0	0	0.7	NE	2	NE	2
5	2	6	10	6.0	N	2	NE	1
6	2	0	0	0.7	NE	2	NE	3
7	2	9	10	7.0	NE	2	E	3
8	10	10	10	10.0	N	2	N	3
9	4	6	0	3.3	NW	1	W	1
10	8	10	10	9.3	W	2	W	1
11	8	10	10	9.3	SW	3	W	2
12	10	10	10	10.0	SW	3	SW	3
13	10	7	8	8.3	SW	3	W	4
14	6	9	10	8.3	W	2	W	1
15	10	10	10	10.0	NE	2	NE	2
16	10	10	10	10.0	SW	3	NW	2
17	8	8	8	8.0	N	3	NE	2
18	10	9	9	9.3	NE	3	NE	3
19	9	2	0	3.7	NE	2	NE	2
20	8	10	10	9.3	NE	2	SW	2
21	10	7	10	9.0	W	2	W	2
22	8	2	10	6.7	W	3	NW	3
23	2	4	2	2.7	NW	3	NW	2
24	10	10	10	10.0	SW	2	W	2
25	10	7	6	7.7	W	2	W	2
26	10	8	10	9.3	W	2	SW	2
27	10	2	10	7.3	SW	2	S	2
28	10	10	10	10.0	S	2	S	1
29	10	10	10	10.0	SW	1	SW	1
30	10	10	10	10.0	SW	2	SW	2
	8.0	7.5	8.1	7.9	2.1		2.0	1.9
						Mittel	<b>2.0</b>	

Zahl der Tage mit:			
Niederschlag mindestens 1,0 mm . . . (●)	*	▲	△
Niederschlag mehr als 0,2 mm . . . " " "			10
Niederschlag mindestens 0,1 mm . . . " " "			12
Schnee mindestens 0,1 mm . . . . . (*)			3
Hagel . . . . . (▲)			—
Graupeln . . . . . (△)			—
Tau . . . . . (△)			2
Reif . . . . . (—)			7
Glatteis . . . . . (∞)			—
Nebel . . . . . (≡)			—
Gewitter . . . . . (nah ☼, fern T)			—
Wetterleuchten . . . . . (⌞)			—

November 1909.

Beobachter Lampe.

49

8.

9.

Höhe 7a mm	N i e d e r s c h l a g	Form und Zeit	Höhe der Schnee- decke in cm 7a	Bemer- kungen	Tag
—	—	—	—	[ ]	1
—	—	—	—	[ ]	2
—	—	—	—	[ ]	3
—	—	—	—	[ ]	4
—	—	—	—	[ ]	5
—	—	—	—	[ ]	6
—	—	—	—	[ ]	7
—	—	—	—	[ ]	8
—	—	—	—	[ ]	9
—	—	—	—	[ ]	10
—	● 0 ztw. a + p	—	—	[ ]	—
2.7	● n, ● 0 ztw. a + p	—	—	[ ]	11
3.9	● n, ● 0 I-II mit wenig. Unterbr. + —III ztw.	—	—	[ ]	12
4.6	● n, ● 0 ztw. a-II	—	—	[ ]	13
1.8	● 0 7 1/4 p—III + später	—	—	[ ]	14
7.6	● n, ● 0 I—9 1/4 a	—	—	[ ]	15
0.3	● 0 7—9 a ztw. ✕ ● 0 12 1/2 p—II—III + später mit wenig	—	—	[ ]	16
8.0 ✕	✖ ● n	—	—	[ ]	17
—	—	—	—	[ ]	18
—	—	—	—	[ ]	19
—	—	—	—	[ ]	20
—	● 0 oft a + ztw. p	—	—	[ ]	21
1.2 ✕	✖ n, ✕ fl. einz. a	—	0	[ ]	22
0.0	✖ fl. zw. 4—5 p	—	—	[ ]	23
0.9 ✕	✖ n, ✕ 0 oft a-II, ● 0 ztw. p—III + später	—	1	[ ]	24
1.6 ✕	● n, ● 0 ztw. a	—	—	[ ]	25
0.1	—	—	—	≡ 0 v. 4 1/2 p-n	26
—	—	—	—	≡ 0 v. 4 1/2 p-n	27
—	f. ● tr. 2 1/2—5 1/2 p ztw.	—	—	≡ 0 v. 4 1/2 p-n	28
0.0	● 0 ztw. a + p	—	—	≡ 0 v. 4 1/2 p-n	29
0.1	● 0 ztw. a + p	—	—	≡ 0 v. 4 1/2 p-n	30
2.8	Monatssumme.	—	—	—	—

Wind - Verteilung.				
	7a	2p	9p	Summe
N	3	1	3	7
NE	9	9	7	25
E	—	1	2	3
SE	—	—	1	1
S	1	2	2	5
SW	8	5	4	17
W	6	8	6	20
NW	3	4	5	12
Still	—	—	—	—

50

## Station Wiesbaden.

Monat

1.

2.

3.

Tag	Luftdruck (Barometerstand auf 0° und Normalschwere reducirt) 700 mm +				Temperatur-Extreme (abgelesen 9 p) 0 C			Luft- o C	
	7 a	2 p	9 p	Tages- mittel	Maxi- mum	Min- imum	Diffe- renz	7 a	2 p
1	42.9	39.8	29.3	37.3	7.2	4.7	2.5	6.2	6.3
2	31.5	37.8	35.9	35.1	7.4	4.3	3.1	5.1	7.2
3	<b>27.8</b>	29.6	33.0	<b>30.1</b>	<b>12.3</b>	5.2	7.1	11.2	7.6
4	35.6	32.7	30.0	32.8	8.4	5.1	3.3	5.2	8.3
5	33.1	37.2	38.9	36.4	7.0	0.8	6.2	2.5	5.7
6	36.8	36.2	38.2	37.1	6.8	1.9	4.9	4.6	6.1
7	39.3	39.6	41.4	40.1	4.8	3.4	<b>1.4</b>	4.0	4.3
8	44.0	46.8	52.0	47.6	5.1	3.0	2.1	3.2	4.9
9	58.0	61.2	<b>63.4</b>	60.9	5.4	2.2	3.2	3.9	4.7
10	62.6	61.3	60.0	<b>61.3</b>	3.0	0.2	2.8	0.7	2.1
11	56.5	54.2	53.0	54.6	3.0	0.2	2.8	0.4	1.9
12	50.7	50.0	51.9	50.9	8.8	2.6	6.2	3.1	8.4
13	56.0	57.1	59.6	57.6	8.3	1.6	6.7	3.3	7.9
14	59.7	60.3	60.4	60.1	4.2	-0.7	4.9	2.1	3.8
15	59.1	58.7	59.2	59.0	2.3	-0.5	2.8	-0.5	2.2
16	59.0	58.0	56.4	57.8	1.9	-2.4	4.3	-1.8	1.7
17	52.1	49.4	44.2	48.6	-1.5	<b>-5.9</b>	4.4	-5.5	-2.8
18	34.0	36.4	40.1	36.8	4.6	-1.5	6.1	1.5	4.1
19	41.4	37.9	31.8	37.0	3.8	1.2	2.6	1.2	3.2
20	34.9	41.8	45.7	40.8	7.5	-2.2	<b>9.7</b>	3.7	3.2
21	47.4	49.6	51.9	49.6	1.3	-4.8	6.1	-4.5	1.2
22	45.2	40.5	38.0	41.2	3.1	-3.1	6.2	-0.3	1.9
23	34.7	38.6	38.5	37.3	7.4	2.8	4.6	4.0	6.1
24	39.1	40.5	43.3	41.0	8.8	4.8	4.0	5.2	7.7
25	47.5	50.7	53.5	50.6	6.5	0.8	5.7	2.4	5.1
26	54.1	51.8	51.9	52.6	6.3	1.6	4.7	1.7	4.6
27	51.0	50.2	51.2	50.8	8.2	4.9	3.3	6.0	6.8
28	49.9	48.0	44.4	47.4	10.5	6.8	3.7	7.9	10.2
29	44.0	43.2	55.1	47.4	8.6	3.8	4.8	7.6	7.3
30	59.0	60.6	62.9	60.8	4.6	1.6	3.0	2.9	4.4
31	61.7	59.1	57.2	59.3	2.3	-1.2	3.5	-0.4	2.0
Monats-Mittel	46.7	47.1	47.5	<b>47.1</b>	5.7	1.3	4.4	2.8	4.8

## PENTADEN-ÜBERSICHT

Pentade	Luftdruck		Lufttemperatur		Bewölkung		Niederschlag
	Summe	Mittel	Summe	Mittel	Summe	Mittel	Summe
2.— 6. Dez.	171.5	34.3	28.2	5.6	44.7	8.9	27.4
7.—11. "	264.5	52.9	14.7	2.9	43.7	8.7	6.2
12.—16. "	285.4	57.1	10.5	2.1	15.6	3.1	—
17.—21. "	212.8	42.6	0.8	0.2	36.3	7.3	11.3
22.—26. "	222.7	44.5	21.8	4.4	46.0	9.2	12.1
27.—31. "	265.7	53.1	24.9	5.0	42.0	8.4	9.0

Dezember 1909.

Beobachter Lampe.

51

4.

5.

temperatur	Absolute Feuchtigkeit				Relative Feuchtigkeit				Tag	
	mm				%					
9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Tages- mittel	
4.7	5.5	5.7	6.7	5.9	6.1	81	94	92	89.0	1
5.8	6.0	5.6	5.7	6.3	5.9	86	76	91	84.3	2
7.2	8.3	6.7	6.9	5.3	6.3	67	89	70	75.3	3
5.9	6.3	5.6	5.0	6.0	5.5	84	61	87	77.3	4
1.7	2.9	4.7	5.3	4.6	4.9	84	77	90	83.7	5
4.1	4.7	5.6	6.0	5.4	5.7	89	86	88	87.7	6
3.7	3.9	5.1	5.4	5.3	5.3	84	87	88	86.3	7
3.9	4.0	5.4	5.0	4.8	5.1	93	76	78	82.3	8
2.8	3.6	4.8	4.8	4.6	4.7	78	74	80	77.3	9
1.0	1.2	4.0	4.1	4.0	4.0	83	77	79	79.7	10
2.8	2.0	3.9	3.9	4.1	4.0	83	75	72	76.7	11
6.5	6.1	5.2	6.2	5.2	5.5	91	76	72	79.7	12
1.6	3.6	4.6	4.2	3.7	4.2	80	54	73	69.0	13
-0.7	1.3	3.7	3.6	3.4	3.6	69	58	79	68.7	14
0.3	0.6	3.4	3.6	3.7	3.6	77	66	78	73.7	15
-2.1	-1.1	3.8	3.5	3.4	3.6	94	68	87	83.0	16
-1.5	-2.8	2.9	3.3	3.7	3.3	98	89	90	92.3	17
3.3	3.0	4.7	4.5	5.0	4.7	93	74	87	84.7	18
2.6	2.4	4.6	4.7	5.3	4.9	92	81	96	89.7	19
-2.2	0.6	4.3	3.4	3.2	3.6	72	59	83	71.3	20
-3.1	-2.4	2.9	3.8	3.0	3.2	90	75	82	82.3	21
2.8	1.8	4.1	5.1	5.4	4.9	90	96	96	94.0	22
6.5	5.8	5.9	6.9	7.0	6.6	97	99	98	98.0	23
6.5	6.5	6.5	7.2	5.7	6.5	98	91	80	89.7	24
2.2	3.0	4.8	4.3	4.7	4.6	87	66	87	80.0	25
6.3	4.7	4.7	5.8	5.9	5.5	91	92	83	88.7	26
7.5	7.0	6.0	6.6	7.1	6.6	87	90	91	89.3	27
8.4	8.7	7.6	8.0	7.1	7.6	96	86	87	89.7	28
3.8	5.6	6.5	6.1	4.0	5.5	83	80	67	76.7	29
1.6	2.6	4.0	4.1	3.9	4.0	71	65	76	70.7	30
1.1	1.0	4.1	4.3	4.7	4.4	92	80	94	88.7	31
3.1	3.4	4.9	5.1	4.9	5.0	85.8	78.0	83.9	82.5	

	Maximum	am	Minimum	am	Differenz
Luftdruck . . . .	763.4	9.	727.8	3.	35.6
Lufttemperatur . . .	12.3	3.	-5.9	17.	18.2
Absolute Feuchtigkeit .	8.0	28.	2.9	17. 21.	5.1
Relative Feuchtigkeit .	99	23.	54	13.	45
Grösste tägliche Niederschlagshöhe . . . . .				9.5 am 2.	
Zahl der heiteren Tage (unter 2,0 im Mittel) .	. . . .				3
" " trüben Tage (über 8,0 im Mittel) . . . .	. . . .				18
" " Sturmtage (Stärke 8 oder mehr) . . . .	. . . .				2
" " Eistage (Maximum unter 0°) . . . . .	. . . . .				1
" " Frosttage (Minimum unter 0°) . . . .	. . . .				9
" " Sommertage (Maximum 25,0° oder mehr) . .	. . .				—

Tag	Bewölkung				Wind			
	ganz wolkenfrei = 0		ganz bewölkt = 10		Richtung und Stärke			
	7 a	2 p	9 p	Tages- mittel	7 a	2 p	9 p	Windstille = 0
1	10	10	10	10.0	SW	2	SW	3
2	10	10	10	10.0	SW	4	SW	3
3	10	10	4	8.0	SW	6	SW	5
4	10	10	10	10.0	SW	3	S	3
5	6	4	10	6.7	S	1	SW	2
6	10	10	10	10.0	SE	1	SW	2
7	10	10	10	10.0	SE	1	SW	2
8	10	10	6	8.7	SW	1	W	2
9	10	6	4	6.7	NW	2	NW	2
10	6	9	10	8.3	N	2	N	2
11	10	10	10	10.0	NE	2	NE	3
12	10	10	2	7.3	NE	2	NE	2
13	5	0	0	1.7	NE	2	NE	4
14	4	0	0	1.3	N	2	N	3
15	10	2	0	4.0	NE	4	NE	3
16	2	0	2	1.3	NE	2	E	2
17	10	10	10	10.0	E	1	SW	2
18	10	10	10	10.0	W	2	SW	2
19	10	8	10	9.3	SW	2	SW	2
20	10	2	2	4.7	SW	2	N	2
21	3	2	2	2.3	N	2	N	2
22	10	10	10	10.0	NE	1	NE	1
23	10	10	10	10.0	W	1	W	1
24	10	9	10	9.7	W	1	SW	1
25	4	5	10	6.3	W	2	W	2
26	10	10	10	10.0	SW	1	SW	2
27	10	10	10	10.0	SW	1	SW	1
28	10	10	10	10.0	..	0	SW	2
29	10	10	6	8.7	SW	2	NW	4
30	4	8	6	6.0	NW	1	NW	2
31	8	4	10	7.3	W	2	W	2
	8.5	7.4	7.2	7.7		1.9		2.3
							Mittel	2.2

Zahl der Tage mit:		
Niederschlag mindestens 1,0 mm . . .	(●)	* ▲ △
Niederschlag mehr als 0,2 mm . . .	" "	" " "
Niederschlag mindestens 0,1 mm . . .	" "	" "
Schnee mindestens 0,1 mm . . .	. . .	(*)
Hagel . . . . .	. . . . .	(▲)
Graupeln . . . . .	. . . . .	(△)
Tau . . . . .	. . . . .	(—)
Reif . . . . .	. . . . .	(—)
Glatteis . . . . .	. . . . .	(○)
Nebel . . . . .	. . . . .	(≡)
Gewitter . . . . .	(nah ☰, fern ☱)	
Wetterleuchten . . . . .	. . . . .	(↳)

Dezember 1909.

Beobachter Lampe.

53

8.

9.

## N i e d e r s c h l a g

Höhe 7a mm	Form und Zeit	Höhe der Schneedecke in cm 7a	Bemer- kungen	Tag
0.1	○ <sup>0</sup> ztw. a—7 p, ○ <sup>0</sup> 7 p—III—n	—		1
9.5	○ n, ○ <sup>0</sup> ztw. a, ○ <sup>1</sup> 8 <sup>1</sup> / <sub>4</sub> p—III + später	—	— n	2
7.9	○ n, ○ <sup>0</sup> 1 a—II, ○ <sup>0</sup> ztw.—6 p	—	— a—II	3
5.1	○ <sup>0</sup> ztw. p—III + später	—		4
0.9	○ n, ○ <sup>0</sup> ztw. a	—		5
4.0	○ n, ○ <sup>0</sup> ztw. a + p	—		6
1.6	○ n, ○ <sup>0</sup> ztw. a + p	—		7
4.6	○ n	—		8
—	—	—		9
—	—	—	[	10
—	—	—		11
—	—	—		12
—	—	—		13
—	—	—		14
—	—	—		15
—	—	—	[	16
6.3 *	* △ <sup>0</sup> 8 <sup>1</sup> / <sub>2</sub> p—III	—	≡ <sup>0</sup> √fr.+tags-	17
—	* ○ n, ○ <sup>0</sup> I—8a	—	○ fr.—p [über	18
0.2	○ <sup>0</sup> 1 v. 4 <sup>1</sup> / <sub>2</sub> p—III + später	—		19
4.8	—	—		20
—	—	—	[	21
0.8	○ n, ○ <sup>0</sup> 1 I—II + ○ <sup>0</sup> —3 p	—	○ <sup>2</sup> n + a	22
8.8	○ n, ○ <sup>0</sup> ztw. a—II + p	—	≡ <sup>0</sup> 1 a + p	23
1.8	○ n, ○ <sup>0</sup> ztw. a—1 <sup>1</sup> / <sub>2</sub> p	—	≡ <sup>1</sup> a—3 p	24
0.6	○ v. 7 <sup>1</sup> / <sub>4</sub> p ztw.—III	—		25
0.1	○ n, ○ tr. a + oft p	—		26
0.2	—	—		27
0.4	○ n, ○ <sup>0</sup> 1 v. 4 p—III fast ohne Unterbr. + später	—		28
7.7	○ n, ○ <sup>0</sup> ztw. a—3 <sup>1</sup> / <sub>2</sub> p	—		29
0.7	—	—		30
—	* ○ v. 7 <sup>3</sup> / <sub>4</sub> p—III—n	—	[	31
66.1	Monatssumme.	—		

## Wind-Verteilung.

	7a	2p ~	9p	Summe
N	3	1	6	10
NE	6	8	4	18
E	1	1	2	4
SE	2	—	1	3
S	1	1	—	2
SW	10	13	13	36
W	5	4	2	11
NW	2	3	2	7
Still	1	—	1	2

## Instrumentarium.

---

	Verfertiger	No.	Höhe der Aufstellung in Metern
<i>Barometer:</i>	Gattung	Gefäss Fuess	über dem Meerest-Niveau 113,5
		922	
	trockenes	Fuess 163 a	2,5
<i>Thermometer:</i>	befeuchtetes	Fuess 242 b	2,5
	Maximum	Fuess 2298	über dem Erdboden 2,5
	Minimum	Fuess 1248	2,5
<i>Regenmesser:</i>	System Hellmann	603	1,5