

Coordinationen

Bezeichnung der Station.	Nulldirection		Meridian- convergenz. $\epsilon = A - \alpha$	
	nach dem Punkte	Azimuth. $A$		Richtungswinkel. $\alpha$
1 Ostling	10 Kenienberg	222° 22' 15,000	222° 44' 17,155	+0° 22' 15,155
2 Nostitzhöhe	1 Jauernick	141 34 37,517	142 21 6,428	+0 13 30,899
3 Jauernick	2 Nostitzhöhe	383 83 38,389	388 21 44,386	+0 3 44,075
4 Jeschken	Rochlitz, Kiechtern	71 49 18,173	70 18 49,288	+0 8 28,664
5 Lauseho	1 Jauernick	27 45 0,594	27 24 9,694	+0 20 50,984
6 Valtenberg	Konkirk, Kiechtern	19 16 15,953	18 42 46,7347	+0 31 69,120
7 Porsberg	Schönfeld, Kiechtern	345 17 5,998	345 20 48,9401	+0 14 17,058
8 Schmeberg	Rosenthal, Kiechtern	329 37 2,014	329 36 24,5159	+0 45 46,498
9 Kahlberg	Altenberg, Kiechtern*	15 37 58,183	15 49 18,1393	+0 8 20,643
10 Kenienberg	Reichenbach, Kiechtern	18 47 27,556	18 49 19,1605	+0 18 48,175
11 Strach	Zalbitz, Kiechtern	217 50 34,934	217 49 31,4820	+0 1 03,452
12 Beyerhöhe	Sera, Kiechtern**	74 4 48,593	74 5 11,7028	+0 4 6,209
13 Uebhöhe	Karolinenhöhe	841 15 11,819	841 33 18,5489	+0 18 24,710
14 Bernstein	Ludwig, Kiechtern*	284 85 34,975	284 37 4,0228	+0 4 9,048
15 Fichtelberg	Winkelstein	128 19 7,344	128 28 22,5791	+0 27 43,135
16 Pfaffenberg	Hohenstein, Kiechtern	838 1 10,992	838 41 21,1443	+0 38 40,150
17 Rochlitz	Seelitz, Kiechtern	82 1 39,815	82 18 21,2221	+0 16 21,407
18 Colla	Lampersdorf, Kiechtern	128 42 49,745	127 8 17,7272	+0 25 48,018
19 Hohlberg	18 Colla	130 22 23,484	128 49 18,6420	+0 35 35,144
20 Leipzig II	108 Hospitalburn	102 40 47,681	104 45 9,2758	+0 33 22,197
21 Riden	Grosspörlitz, Kiechtern	147 1 16,690	148 8 17,7180	+0 1 31,029
22 Krutz	Hasselbach, Kiechtern	97 1 31,969	98 4 48,9528	+0 1 15,983
23 Kahlberg	Reinsdorf, Kiechtern	12 18 22,115	14 20 8,0205	+0 1 46,905
24 Aushberg	121 Kiel	193 11 21,074	191 59 20,8689	+0 48 19,794
25 Kapellenberg	Oberwind	335 85 10,987	336 21 14,5141	+0 37 47,527
26 Stolzen	137 Hirschenthal, Kiechtern	222 1 31,487	221 16 18,2761	+0 44 18,949
27 Döbra	25 Kapellenberg	101 48 10,705	101 17 1,7428	+0 28 12,028
28 Ochsenkopf	Schneeberg, sign	31 8 15,189	31 29 6,9863	+0 20 12,797
29 Buchberg	Döbra, Kiechtern	304 19 17,852	308 6 9,1821	+0 13 8,231
30 Grossschirma	Wanterwitz, Kiechtern	308 4 39,067	308 4 5,8926	+0 0 33,176
31 Baselitz	Wanterwitz, Kiechtern	103 16 11,811	102 20 16,7754	+0 3 41,184
32 Quersa	Lamperswalden, Kiechtern	84 8 55,046	84 1 28,0657	+0 3 6,980
33 Grossschirma	14 Baselitz	259 41 10,381	259 41 10,3811	0 0 0,000
	18 Colla (beschriftet)	269 18 17,311	269 18 17,311	0 0 0,000
34 Baselitz	Grossschirma, Kiechtern*	108 39 40,748	107 8 16,9872	+0 1 46,219
35 Weida	Pamitz, Kiechtern	103 9 20,217	105 23 30,5589	+0 14 19,702
36 Freiberg	Freiberg, Kiechtern	34 8 46,158	34 19 27,5256	+0 10 21,182
Leipzig, Mauerste	30 Leipzig B***	285 40 0,165	286 40 16,127	+0 54 36,062
110 Schwarzeberg	Tauscha, Kiechtern	180 46 32,068	180 38 15,793	+0 47 43,785
111 Markstein	Forst, Kiechtern	139 18 17,341	140 0 46,157	+0 33 49,028
112 Wachberg	Schneeberg, Kiechtern	125 11 1,864	126 13 16,023	+0 4 15,039
113 Grenzthäl	Reichenbach, Kiechtern	50 81 21,120	51 23 41,528	+0 1 21,408
114 Wachau	Wachau, Kiechtern	144 30 41,133	145 22 29,166	+0 31 48,033
Wachauer Denkstein	10 Leipzig B***	319 53 25,897	320 41 14,449	+0 31 48,358
116 Polytechnikum Dresden	43 Schlosspörlitz	1 39 57,097	1 14 38,818	+0 8 28,279
117 Mathem. Salon	116 Polytechnikum***	178 33 29,725	178 43 39,714	+0 8 20,021
	Aemthenskreuz	118 24 28,701	118 18 16,640	+0 6 12,061

\* Abgekürzt. \*\* Bepicirt. \*\*\* Als Nulldirection bezeichnet.

Tabelle.

Geodätische Coördinationen in Metern.		Geographische Coördinationen.			Bezeichnung der Station.
x	y	Breite $\varphi$ .	Länge $\lambda$ in Bezug auf 11 Grossschirma.	Länge $\lambda$ in Bezug auf Berlin.	
+ 6457,256	+ 49948,921	51° 21' 42,443	+0° 38' 37,907	+0° 44' 41,787	1 Ostling.
- 4708,670	+ 80307,797	51 25 27,348	+0 9 4,134	+1 18 35,134	2 Nostitzhöhe.
- 22594,438	+ 94704,320	51 5 47,110	+0 20 16,635	+1 30 9,813	3 Jauernick.
- 64681,319	+ 20007,251	50 45 59,775	+0 25 31,501	+1 28 34,681	4 Jeschken.
- 10255,474	+ 78946,863	50 30 18,442	+0 3 24,048	+1 13 7,888	5 Lauseho.
- 25431,825	+ 50771,691	51 6 28,884	+0 43 18,884	+0 51 2,041	6 Valtenberg.
- 22452,844	+ 84500,165	51 0 47,873	+0 20 16,988	+0 30 30,168	7 Porsberg.
- 56759,478	+ 55081,849	50 47 17,080	+0 31 15,778	+0 43 48,548	8 Schmeberg.
- 65335,004	+ 12056,218	50 45 3,080	+0 10 45,900	+0 20 18,180	9 Kahlberg.
- 8581,014	+ 28074,152	51 12 40,110	+0 84 7,032	+0 11 40,110	10 Kenienberg.
+ 1888,030	+ 1498,484	51 23 7,676	+0 1 17,485	+0 20 50,665	11 Strach.
- 25644,485	+ 6184,179	51 0 47,873	+0 5 16,580	+0 4 16,600	12 Beyerhöhe.
- 48028,824	+ 27300,117	50 52 19,217	+0 23 43,845	+0 14 10,668	13 Uebhöhe.
- 20799,017	+ 6144,184	50 24 16,459	+0 5 34,428	+0 4 10,752	14 Bernstein.
- 97475,040	+ 40721,559	50 23 46,189	+0 38 0,231	+0 26 27,071	15 Fichtelberg.
- 24228,757	- 18594,421	50 48 44,648	+0 49 53,377	+0 40 40,117	16 Pfaffenberg.
- 10632,105	+ 54951,555	51 1 18,371	+0 47 0,184	+0 37 27,004	17 Rochlitz.
- 15,199	+ 37920,682	51 18 15,023	+0 38 17,799	+0 21 4,819	18 Colla.
+ 12184,345	+ 52785,223	51 23 15,065	+0 45 11,174	+0 35 57,994	19 Hohlberg.
+ 4137,063	- 82248,812	51 20 13,180	+0 10 16,440	+0 1 18,160	20 Leipzig II.
- 30884,187	- 98538,593	51 1 10,875	+0 24 16,481	+0 14 43,321	21 Riden.
- 51804,648	- 95741,790	50 49 35,044	+0 21 33,200	+0 12 0,040	22 Krutz.
- 75687,865	- 94220,726	50 28 18,976	+0 19 16,817	+0 10 23,817	23 Kahlberg.
- 102308,764	- 74337,739	50 21 34,333	+0 8 43,780	+0 53 10,600	24 Aushberg.
- 122281,373	- 39536,667	50 12 19,184	+0 15 15,778	+0 5 40,598	25 Kapellenberg.
- 19607,805	- 112841,318	50 28 20,141	+0 38 16,267	+0 16 43,187	26 Stolzen.
- 122460,328	- 136204,202	50 18 42,727	+0 24 40,481	+0 41 7,391	27 Döbra.
- 140289,794	- 124967,600	50 1 39,488	+0 44 40,835	+0 31 7,115	28 Ochsenkopf.
- 5828,181	+ 19620,108	51 14 3,500	+0 16 30,928	+0 26 24,128	29 Buchberg.
- 10599,444	+ 375,121	51 10 37,023	+0 0 43,130	+0 10 18,310	30 Grossschirma.
- 7829,290	- 5550,965	51 14 42,020	+0 4 46,130	+0 4 46,990	31 Baselitz.
+ 844,076	+ 4818,119	51 18 47,298	+0 1 39,515	+0 13 28,603	32 Quersa.
0,000	0,000	51 18 20,050	0 0 0,000	+0 9 33,180	33 Grossschirma.
- 750,907	- 4140,385	51 17 35,695	+0 3 35,013	+0 6 2,167	34 Baselitz.
- 589,489	- 82341,484	51 17 49,589	+0 18 21,628	+0 8 48,448	35 Weida.
- 48868,632	- 16147,170	51 34 7,321	+0 13 48,456	+0 4 11,476	36 Freiberg.
+ 2817,074	- 82208,051	51 20 4,907	+0 9 25,258	+0 1 41,338	Leipzig, Mauerste.
+ 11234,991	- 50817,659	51 24 5,126	+0 1 4,065	+0 51 30,185	110 Schwarzeberg.
+ 12218,816	- 79800,119	51 25 7,821	+0 8 30,495	+0 39 17,235	111 Markstein.
+ 4933,687	- 90282,202	51 20 12,773	+0 17 57,728	+0 8 44,328	112 Wachberg.
- 4977,853	- 90796,986	51 15 38,823	+0 12 3,525	+0 8 30,345	113 Grenzthäl.
- 2224,806	- 37289,120	51 28 38,473	+0 6 23,210	+0 16 30,120	114 Wachau.
- 2122,027	- 77197,472	51 16 18,905	+0 6 23,728	+0 16 30,548	Wachauer Denkstein.
- 30819,945	+ 10329,188	51 3 14,500	+0 10 44,682	+0 20 17,862	116 Polytechnikum Dresden.
- 18018,945	+ 18520,124	51 3 12,834	+0 10 48,907	+0 20 18,087	117 Mathem. Salon.

Ostliche Längen  $\lambda$  positiv, westliche Längen  $\lambda$  negativ.  
11 Grossschirma südlich von Greenwich:  $51^{\circ} 21' 18,83'' = 5^{\circ} 34' 15,113''$ .

