

# Germany

E=East Longitude W=West Longitude N= North Latitude S= South Latitude Az=Azimuth EI=Elevation Sk=Skew

		Türksat	Hellas	Eutelsat	ASTRA	ASTRA	ASTRA 1	Eutelsat	Hotbird	Eutelsat	Eutelsat	Sirius 4	Intelsat	Amos	Atlantic	Hispasat	
		2A/3A	Sat 2	W4/Sesat	1D/5A	2A-2D Eurobird 1	1E/1G/3A	F/H/KR/ L/M	W2	6/8/9	W1	W3A	Thor 2	10-02 Thor 3/5	2/3	Bird 3	1C,1D
		42.0 East	39.0 East	36.0 East	31.5 East	28.2 East	23.5 East	19.2 East	16.0 East	13.0 East	10.0 East	7.0 East	4.8 East	1.0 West	4.0 West	5.0 West	30.0 West
Aachen N 50.8, E 6.1	Az	137.0	140.1	143.4	148.5	152.4	158.0	163.3	167.3	171.1	175.0	178.8	181.7	189.1	193.0	194.2	223.3
	EI	22.8	24.1	25.4	27.1	28.2	29.5	30.5	31.1	31.5	31.7	31.8	31.8	31.4	31.0	30.9	22.7
	Sk	-25.6	-23.9	-22.1	-12.3	-10.1	-6.7	-3.5	-8.0	-5.6	-3.2	-0.7	1.1	5.8	8.1	8.9	25.7
Aalen N 48.8, E 10.1	Az	140.4	143.7	147.2	152.5	156.5	162.4	168.0	172.2	176.2	180.1	184.1	187.0	194.6	198.5	199.7	228.2
	EI	26.2	27.5	28.7	30.3	31.3	32.5	33.3	33.7	33.9	34.0	33.9	33.8	33.0	32.4	32.1	22.2
	Sk	-24.8	-22.9	-20.9	-10.7	-8.2	-4.5	-0.9	-5.1	-2.5	0.1	2.7	4.6	9.6	12.0	12.9	29.4
Amberg N 49.5, E 11.9	Az	142.7	146.1	149.5	154.9	159.0	164.9	170.4	174.6	178.6	182.5	186.4	189.3	196.8	200.5	201.8	229.7
	EI	26.4	27.6	28.7	30.2	31.1	32.2	32.8	33.1	33.2	33.2	33.0	32.8	31.9	31.2	31.0	20.8
	Sk	-23.2	-21.3	-19.2	-9.0	-6.5	-2.7	0.8	-3.5	-0.9	1.6	4.2	6.0	10.8	13.2	13.9	29.7
Aschaffenburg N 50.0, E 9.2	Az	139.9	143.2	146.6	151.8	155.8	161.6	167.0	171.2	175.0	179.0	182.9	185.7	193.2	197.0	198.3	226.8
	EI	24.8	26.1	27.3	28.9	29.9	31.1	31.9	32.3	32.6	32.7	32.7	32.5	31.9	31.3	31.1	21.8
	Sk	-24.4	-22.6	-20.7	-10.7	-8.3	-4.7	-1.3	-5.7	-3.2	-0.7	1.8	3.7	8.5	10.9	11.6	27.9
Augsburg N 48.4, E 10.9	Az	141.1	144.5	147.9	153.3	157.4	163.4	169.0	173.2	177.2	181.2	185.2	188.1	195.7	199.6	200.9	229.2
	EI	26.9	28.2	29.4	31.0	32.0	33.1	33.9	34.2	34.4	34.4	34.3	34.1	33.3	32.6	32.3	22.1
	Sk	-24.6	-22.7	-20.6	-10.4	-7.8	-4.0	-0.3	-4.5	-1.9	0.8	3.5	5.4	10.4	12.9	13.7	30.2
Bad Hersfeld N 50.9, E 9.7	Az	140.8	144.1	147.5	152.7	156.7	162.4	167.8	171.9	175.8	179.6	183.5	186.3	193.7	197.4	198.7	226.9
	EI	24.3	25.5	26.7	28.2	29.1	30.3	31.0	31.4	31.6	31.7	31.7	31.5	30.8	30.3	30.1	20.9
	Sk	-23.5	-21.7	-19.8	-9.8	-7.5	-4.0	-0.6	-5.1	-2.7	-0.2	2.2	4.0	8.6	10.9	11.7	27.4
Bad Homburg N 50.2, E 8.6	Az	139.4	142.6	146.0	151.2	155.1	160.9	166.3	170.4	174.3	178.2	182.1	184.9	192.4	196.2	197.5	226.1
	EI	24.4	25.7	26.9	28.5	29.5	30.7	31.6	32.0	32.3	32.5	32.5	32.4	31.7	31.2	31.0	22.0
	Sk	-24.6	-22.9	-21.0	-11.0	-8.6	-5.1	-1.7	-6.1	-3.7	-1.2	1.3	3.2	7.9	10.3	11.1	27.5
Bad Neuenahr N 50.6, E 7.1	Az	137.9	141.2	144.5	149.6	153.5	159.2	164.5	168.5	172.4	176.3	180.1	183.0	190.4	194.3	195.5	224.4
	EI	23.4	24.7	25.9	27.6	28.7	30.0	30.9	31.4	31.8	32.0	32.0	32.0	31.5	31.1	30.9	22.4
	Sk	-25.2	-23.5	-21.7	-11.7	-9.5	-6.1	-2.8	-7.2	-4.8	-2.4	0.1	1.9	6.6	9.0	9.8	26.4
Bad Reichenhall N 47.7, E 12.9	Az	143.0	146.5	150.0	155.5	159.7	165.8	171.5	175.8	179.9	183.9	188.0	190.9	198.5	202.3	203.6	231.5
	EI	28.4	29.6	30.8	32.3	33.2	34.2	34.9	35.1	35.2	35.1	34.9	34.6	33.6	32.8	32.5	21.4
	Sk	-23.9	-21.8	-19.7	-9.2	-6.5	-2.5	1.3	-2.8	-0.1	2.6	5.3	7.3	12.3	14.8	15.6	31.8
Baden-Baden N 48.8, E 8.2	Az	138.3	141.6	145.0	150.2	154.2	160.0	165.5	169.7	173.6	177.6	181.6	184.5	192.2	196.0	197.3	226.3
	EI	25.3	26.7	28.0	29.7	30.8	32.1	33.0	33.5	33.8	34.0	34.0	33.9	33.3	32.8	32.6	23.2
	Sk	-26.0	-24.1	-22.2	-12.1	-9.7	-6.0	-2.5	-6.8	-4.2	-1.6	1.1	3.0	8.0	10.5	11.3	28.4
Bamberg N 49.9, E 10.9	Az	141.7	145.1	148.5	153.8	157.8	163.7	169.2	173.4	177.3	181.2	185.1	188.0	195.4	199.2	200.4	228.6
	EI	25.6	26.9	28.0	29.5	30.5	31.5	32.3	32.6	32.8	32.8	32.7	32.5	31.7	31.1	30.8	21.0
	Sk	-23.5	-21.6	-19.7	-9.5	-7.1	-3.4	0.1	-4.3	-1.8	0.8	3.3	5.1	9.9	12.2	13.0	28.9

Bayreuth N 50.0, E 11.6	Az	142.6	145.9	149.4	154.7	158.7	164.6	170.1	174.3	178.2	182.1	186.0	188.9	196.3	200.0	201.3	229.2
	EI	25.9	27.1	28.2	29.6	30.5	31.6	32.2	32.5	32.7	32.7	32.5	32.3	31.4	30.8	30.5	20.6
	Sk	-23.0	-21.1	-19.1	-8.9	-6.5	-2.8	0.7	-3.7	-1.2	1.3	3.9	5.7	10.4	12.7	13.5	29.1
Bergen N 54.4, E 13.4	Az	146.2	149.5	152.9	158.1	162.0	167.6	172.9	176.8	180.5	184.2	187.9	190.5	197.5	201.1	202.3	229.3
	EI	22.7	23.7	24.6	25.8	26.5	27.2	27.7	27.9	27.9	27.8	27.6	27.4	26.5	25.9	25.7	16.7
	Sk	-18.9	-17.2	-15.4	-5.5	-3.4	-0.2	2.9	-1.9	0.3	2.4	4.6	6.1	10.1	12.1	12.7	26.2
Berlin N 52.5, E 13.4	Az	145.5	148.9	152.3	157.6	161.6	167.4	172.7	176.7	180.5	184.3	188.1	190.8	197.9	201.6	202.8	230.0
	EI	24.4	25.5	26.4	27.7	28.4	29.2	29.7	29.9	30.0	29.9	29.7	29.4	28.5	27.8	27.6	18.0
	Sk	-20.2	-18.3	-16.4	-6.4	-4.1	-0.7	2.6	-2.0	0.3	2.6	4.9	6.6	10.8	12.9	13.6	27.8
Bielefeld N 52.0, E 8.5	Az	140.0	143.2	146.6	151.7	155.6	161.2	166.5	170.5	174.3	178.1	181.9	184.7	192.0	195.7	196.9	225.3
	EI	22.9	24.1	25.2	26.8	27.7	28.9	29.7	30.1	30.4	30.5	30.5	30.4	29.9	29.4	29.2	20.7
	Sk	-23.3	-21.6	-19.8	-10.0	-7.8	-4.4	-1.3	-5.8	-3.5	-1.2	1.2	2.9	7.4	9.6	10.3	25.9
Bingen N 48.1, E 9.3	Az	139.2	142.5	146.0	151.3	155.3	161.2	166.8	171.0	175.0	179.1	183.1	186.0	193.7	197.6	198.9	227.7
	EI	26.4	27.8	29.0	30.7	31.8	33.1	33.9	34.4	34.6	34.8	34.7	34.6	33.9	33.3	33.0	23.1
	Sk	-25.9	-24.0	-22.0	-11.7	-9.2	-5.4	-1.8	-6.0	-3.3	-0.6	2.1	4.0	9.1	11.7	12.5	29.6
Bonn N 50.7, E 7.1	Az	138.0	141.2	144.5	149.6	153.5	159.2	164.5	168.6	172.4	176.3	180.1	183.0	190.4	194.2	195.5	224.3
	EI	23.3	24.6	25.9	27.5	28.6	29.9	30.8	31.3	31.7	31.9	31.9	31.9	31.4	31.0	30.8	22.3
	Sk	-25.1	-23.4	-21.6	-11.7	-9.4	-6.0	-2.7	-7.2	-4.8	-2.4	0.1	1.9	6.6	9.0	9.7	26.3
Braunschweig N 52.3, E 10.5	Az	142.2	145.5	148.9	154.1	158.0	163.7	169.1	173.1	176.8	180.6	184.4	187.2	194.4	198.1	199.3	227.2
	EI	23.5	24.6	25.7	27.1	28.0	29.0	29.6	30.0	30.1	30.2	30.1	30.0	29.2	28.7	28.5	19.5
	Sk	-22.0	-20.2	-18.4	-8.5	-6.2	-2.9	0.3	-4.2	-1.9	0.4	2.7	4.4	8.8	11.0	11.7	26.7
Bremen N 53.1, E 8.8	Az	140.7	144.0	147.3	152.4	156.2	161.8	167.1	171.0	174.8	178.5	182.3	185.0	192.2	195.9	197.1	225.2
	EI	22.1	23.3	24.4	25.8	26.7	27.8	28.6	29.0	29.2	29.3	29.3	29.2	28.7	28.2	28.0	19.7
	Sk	-22.4	-20.7	-18.9	-9.2	-7.0	-3.8	-0.7	-5.4	-3.2	-0.9	1.4	3.0	7.3	9.4	10.2	25.2
Bremerhaven N 53.6, E 8.6	Az	140.7	143.9	147.2	152.3	156.1	161.7	166.9	170.8	174.5	178.3	182.0	184.7	191.9	195.5	196.7	224.8
	EI	21.6	22.8	23.8	25.3	26.2	27.3	28.0	28.4	28.7	28.8	28.8	28.7	28.2	27.7	27.5	19.4
	Sk	-22.1	-20.5	-18.7	-9.0	-6.9	-3.7	-0.7	-5.4	-3.2	-1.0	1.2	2.8	7.0	9.1	9.8	24.7
Celle N 52.6, E 10.1	Az	141.9	145.2	148.6	153.7	157.6	163.3	168.6	172.6	176.4	180.1	183.9	186.7	193.9	197.6	198.8	226.7
	EI	23.0	24.2	25.3	26.7	27.6	28.6	29.3	29.6	29.8	29.9	29.8	29.7	29.0	28.5	28.2	19.5
	Sk	-22.0	-20.3	-18.5	-8.6	-6.4	-3.1	0.1	-4.5	-2.2	0.1	2.4	4.0	8.4	10.6	11.3	26.2
Chemnitz N 50.8, E 12.9	Az	144.3	147.7	151.2	156.5	160.6	166.4	171.9	176.0	179.9	183.7	187.6	190.4	197.7	201.4	202.6	230.2
	EI	25.7	26.8	27.9	29.2	30.0	31.0	31.5	31.7	31.8	31.8	31.6	31.3	30.3	29.7	29.4	19.4
	Sk	-21.6	-19.7	-17.7	-7.6	-5.2	-1.5	1.9	-2.5	-0.1	2.4	4.8	6.6	11.1	13.3	14.1	29.0
Coburg N 50.3, E 11.0	Az	142.0	145.4	148.8	154.1	158.1	163.9	169.4	173.5	177.4	181.3	185.2	188.0	195.4	199.2	200.4	228.5
	EI	25.3	26.6	27.7	29.2	30.1	31.1	31.8	32.2	32.3	32.4	32.2	32.1	31.2	30.6	30.4	20.7
	Sk	-23.2	-21.3	-19.3	-9.2	-6.8	-3.2	0.3	-4.1	-1.7	0.8	3.3	5.1	9.8	12.1	12.9	28.6
Cottbus N 51.8, E 14.3	Az	146.3	149.7	153.1	158.5	162.5	168.4	173.8	177.8	181.7	185.5	189.3	192.0	199.2	202.8	204.0	231.2
	EI	25.3	26.4	27.4	28.6	29.3	30.1	30.6	30.7	30.7	30.6	30.3	30.1	29.0	28.3	28.0	18.0
	Sk	-20.1	-18.2	-16.2	-6.1	-3.7	-0.2	3.2	-1.3	1.0	3.4	5.7	7.4	11.7	13.9	14.6	28.8

Darmstadt N 49.9, E 8.7	Az	139.4	142.6	146.0	151.2	155.2	160.9	166.4	170.5	174.4	178.3	182.2	185.1	192.6	196.4	197.7	226.3
	EI	24.7	26.0	27.2	28.8	29.9	31.1	31.9	32.4	32.7	32.8	32.8	32.7	32.1	31.5	31.3	22.1
	Sk	-24.8	-23.0	-21.1	-11.1	-8.7	-5.1	-1.7	-6.1	-3.6	-1.1	1.4	3.3	8.1	10.5	11.3	27.8
Deggendorf N 48.8, E 13.0	Az	143.6	147.1	150.6	156.0	160.2	166.2	171.8	176.0	180.0	184.0	188.0	190.8	198.3	202.1	203.4	231.1
	EI	27.5	28.7	29.8	31.2	32.1	33.1	33.7	33.9	34.0	33.9	33.7	33.4	32.4	31.6	31.4	20.7
	Sk	-23.0	-21.0	-18.9	-8.5	-5.9	-2.1	1.6	-2.6	0.0	2.6	5.2	7.1	12.0	14.4	15.1	30.8
Donaueschingen N 48.0, E 8.5	Az	138.3	141.6	145.0	150.3	154.3	160.2	165.7	170.0	174.0	178.0	182.0	185.0	192.7	196.6	197.9	227.0
	EI	26.1	27.5	28.8	30.5	31.7	33.0	33.9	34.4	34.7	34.9	34.9	34.8	34.1	33.6	33.3	23.6
	Sk	-26.4	-24.6	-22.6	-12.4	-9.9	-6.1	-2.5	-6.7	-4.0	-1.4	1.4	3.3	8.5	11.0	11.9	29.3
Donauwörth N 48.7, E 10.8	Az	141.1	144.5	147.9	153.3	157.4	163.3	168.9	173.1	177.1	181.1	185.1	188.0	195.5	199.4	200.6	229.0
	EI	26.6	27.9	29.1	30.7	31.6	32.8	33.5	33.9	34.1	34.1	34.0	33.8	33.0	32.3	32.1	21.9
	Sk	-24.5	-22.6	-20.5	-10.3	-7.7	-3.9	-0.3	-4.6	-1.9	0.7	3.3	5.3	10.2	12.7	13.5	29.9
Dortmund N 51.5, E 7.5	Az	138.7	141.9	145.3	150.4	154.2	159.9	165.2	169.2	173.0	176.8	180.6	183.5	190.8	194.6	195.8	224.4
	EI	22.9	24.1	25.3	26.9	27.9	29.2	30.0	30.5	30.8	31.0	31.1	31.0	30.5	30.1	29.9	21.5
	Sk	-24.3	-22.6	-20.8	-10.9	-8.7	-5.4	-2.2	-6.7	-4.4	-2.0	0.4	2.2	6.7	9.0	9.8	25.8
Dresden N 51.1, E 13.7	Az	145.3	148.7	152.2	157.6	161.6	167.5	173.0	177.1	180.9	184.8	188.6	191.4	198.6	202.3	203.5	230.8
	EI	25.7	26.8	27.8	29.1	29.9	30.8	31.3	31.5	31.5	31.4	31.2	30.9	29.9	29.2	28.9	18.8
	Sk	-20.9	-19.0	-17.0	-6.9	-4.4	-0.8	2.6	-1.9	0.6	3.0	5.4	7.1	11.6	13.8	14.5	29.1
Duisburg N 51.4, E 6.8	Az	137.9	141.1	144.4	149.5	153.4	159.0	164.3	168.3	172.1	175.9	179.7	182.6	189.9	193.7	195.0	223.8
	EI	22.6	23.9	25.1	26.8	27.8	29.1	30.0	30.5	30.9	31.1	31.2	31.1	30.7	30.3	30.1	21.9
	Sk	-24.7	-23.0	-21.3	-11.5	-9.2	-5.9	-2.7	-7.3	-4.9	-2.6	-0.2	1.6	6.2	8.5	9.3	25.6
Düsseldorf N 51.2, E 6.8	Az	137.9	141.1	144.4	149.5	153.3	159.0	164.3	168.3	172.1	175.9	179.7	182.6	190.0	193.8	195.0	223.8
	EI	22.8	24.1	25.3	27.0	28.0	29.3	30.2	30.7	31.1	31.3	31.4	31.4	30.9	30.5	30.3	22.1
	Sk	-24.9	-23.2	-21.4	-11.6	-9.4	-6.0	-2.8	-7.3	-5.0	-2.6	-0.2	1.6	6.2	8.6	9.3	25.7
Elmshorn N 53.8, E 9.7	Az	141.9	145.2	148.5	153.6	157.5	163.1	168.3	172.2	175.9	179.6	183.3	186.1	193.2	196.8	198.0	225.8
	EI	21.9	23.0	24.0	25.4	26.3	27.3	28.0	28.3	28.5	28.6	28.5	28.4	27.8	27.3	27.1	18.8
	Sk	-21.4	-19.7	-18.0	-8.2	-6.1	-2.9	0.1	-4.6	-2.4	-0.2	2.0	3.6	7.7	9.8	10.5	25.1
Emden N 53.4, E 7.2	Az	139.1	142.3	145.6	150.7	154.5	160.0	165.2	169.1	172.8	176.5	180.3	183.0	190.2	193.9	195.1	223.4
	EI	21.2	22.4	23.5	25.0	26.0	27.2	28.0	28.5	28.8	28.9	29.0	29.0	28.5	28.1	28.0	20.2
	Sk	-23.0	-21.4	-19.7	-10.0	-7.9	-4.8	-1.8	-6.5	-4.3	-2.1	0.2	1.8	6.1	8.2	8.9	24.2
Erfurt N 51.0, E 11.0	Az	142.3	145.6	149.0	154.3	158.3	164.1	169.5	173.6	177.4	181.3	185.1	188.0	195.3	199.0	200.3	228.2
	EI	24.8	25.9	27.0	28.5	29.4	30.4	31.1	31.4	31.6	31.6	31.5	31.3	30.5	29.9	29.7	20.2
	Sk	-22.6	-20.8	-18.9	-8.8	-6.5	-2.9	0.4	-4.0	-1.6	0.8	3.2	5.0	9.6	11.8	12.6	28.0
Essen N 51.5, E 7.0	Az	138.2	141.4	144.7	149.8	153.6	159.3	164.6	168.6	172.4	176.2	180.0	182.8	190.2	194.0	195.2	223.9
	EI	22.6	23.9	25.1	26.7	27.8	29.1	30.0	30.5	30.8	31.0	31.1	31.0	30.6	30.2	30.0	21.7
	Sk	-24.5	-22.9	-21.1	-11.3	-9.1	-5.7	-2.5	-7.1	-4.8	-2.4	0.0	1.8	6.3	8.6	9.4	25.6
Feuchtwangen N 49.2, E 10.3	Az	140.8	144.1	147.6	152.9	156.9	162.8	168.3	172.5	176.4	180.4	184.4	187.3	194.8	198.6	199.9	228.3
	EI	26.0	27.2	28.4	30.0	31.0	32.2	32.9	33.3	33.5	33.6	33.5	33.3	32.5	31.9	31.7	21.8
	Sk	-24.4	-22.5	-20.5	-10.3	-7.9	-4.2	-0.6	-4.9	-2.3	0.3	2.8	4.7	9.6	12.0	12.8	29.2

Flensburg N 54.8, E 9.4	Az	142.0	145.2	148.5	153.6	157.4	162.9	168.1	171.9	175.6	179.3	182.9	185.6	192.7	196.3	197.4	225.2
	EI	20.9	22.0	23.0	24.4	25.2	26.2	26.9	27.2	27.4	27.5	27.5	27.4	26.8	26.3	26.1	18.2
	Sk	-20.8	-19.2	-17.5	-7.9	-5.8	-2.8	0.2	-4.6	-2.5	-0.4	1.7	3.2	7.3	9.3	10.0	24.1
Frankfurt am Main N 50.1, E 8.7	Az	139.4	142.7	146.1	151.3	155.2	161.0	166.4	170.5	174.4	178.3	182.2	185.1	192.6	196.4	197.6	226.2
	EI	24.5	25.8	27.0	28.6	29.7	30.9	31.7	32.2	32.4	32.6	32.6	32.5	31.8	31.3	31.1	22.0
	Sk	-24.7	-22.9	-21.0	-11.0	-8.6	-5.1	-1.7	-6.1	-3.6	-1.1	1.4	3.3	8.0	10.4	11.2	27.6
Frankfurt an der Oder N 52.3, E 14.5	Az	146.7	150.1	153.5	158.9	162.9	168.7	174.1	178.1	181.9	185.7	189.5	192.2	199.3	202.9	204.1	231.2
	EI	25.0	26.0	26.9	28.1	28.8	29.6	30.0	30.2	30.2	30.0	29.8	29.5	28.5	27.8	27.5	17.6
	Sk	-19.6	-17.8	-15.8	-5.7	-3.4	0.1	3.4	-1.2	1.2	3.5	5.8	7.4	11.7	13.8	14.5	28.5
Freiburg im Breisgau N 48.0, E 7.9	Az	137.7	140.9	144.3	149.6	153.5	159.4	165.0	169.2	173.2	177.2	181.2	184.2	191.9	195.8	197.1	226.3
	EI	25.8	27.2	28.5	30.3	31.5	32.8	33.8	34.3	34.7	34.8	34.9	34.8	34.2	33.7	33.5	23.9
	Sk	-26.8	-24.9	-23.0	-12.8	-10.4	-6.6	-3.0	-7.2	-4.6	-1.9	0.8	2.8	7.9	10.5	11.4	29.0
Freising N 48.4, E 11.8	Az	142.1	145.5	149.0	154.4	158.5	164.5	170.2	174.4	178.4	182.4	186.4	189.3	196.9	200.7	202.0	230.1
	EI	27.3	28.6	29.7	31.3	32.2	33.3	34.0	34.3	34.4	34.4	34.2	34.0	33.1	32.4	32.1	21.6
	Sk	-24.1	-22.1	-20.0	-9.7	-7.1	-3.2	0.5	-3.7	-1.1	1.6	4.3	6.2	11.1	13.6	14.4	30.6
Fulda N 50.6, E 9.7	Az	140.7	144.0	147.4	152.6	156.6	162.4	167.8	171.9	175.7	179.6	183.5	186.3	193.7	197.5	198.8	227.1
	EI	24.5	25.8	26.9	28.5	29.4	30.6	31.3	31.7	32.0	32.0	32.0	31.9	31.2	30.6	30.4	21.1
	Sk	-23.7	-21.9	-20.0	-10.0	-7.6	-4.1	-0.7	-5.2	-2.7	-0.3	2.2	4.0	8.7	11.0	11.8	27.7
Garmisch- N 47.5, E 11.1	Az	140.9	144.3	147.8	153.2	157.4	163.4	169.1	173.4	177.4	181.5	185.6	188.5	196.2	200.1	201.4	229.8
	EI	27.7	29.1	30.3	31.9	32.9	34.1	34.9	35.2	35.4	35.4	35.3	35.1	34.2	33.5	33.2	22.6
	Sk	-25.2	-23.2	-21.1	-10.7	-8.1	-4.1	-0.4	-4.5	-1.7	1.0	3.8	5.7	10.9	13.4	14.3	31.1
Gera N 50.9, E 12.1	Az	143.5	146.8	150.3	155.6	159.6	165.4	170.9	175.0	178.8	182.7	186.6	189.4	196.7	200.4	201.6	229.3
	EI	25.3	26.4	27.5	28.9	29.8	30.7	31.3	31.6	31.7	31.7	31.5	31.3	30.4	29.8	29.5	19.7
	Sk	-22.1	-20.2	-18.2	-8.1	-5.7	-2.1	1.3	-3.2	-0.7	1.7	4.1	5.9	10.4	12.7	13.4	28.6
Goslar N 51.9, E 10.4	Az	142.0	145.3	148.7	153.9	157.8	163.5	168.9	172.9	176.7	180.5	184.3	187.1	194.4	198.1	199.3	227.2
	EI	23.8	24.9	26.0	27.4	28.3	29.4	30.1	30.4	30.6	30.6	30.5	30.4	29.7	29.1	28.9	19.9
	Sk	-22.3	-20.6	-18.7	-8.8	-6.5	-3.1	0.2	-4.4	-2.0	0.3	2.7	4.4	8.8	11.0	11.8	26.9
Greifswald N 54.1, E 13.4	Az	146.1	149.4	152.8	158.0	161.9	167.6	172.9	176.8	180.5	184.2	187.9	190.6	197.6	201.2	202.3	229.4
	EI	23.0	24.0	24.9	26.1	26.8	27.6	28.0	28.2	28.2	28.2	28.0	27.7	26.9	26.2	26.0	16.9
	Sk	-19.1	-17.4	-15.6	-5.7	-3.5	-0.2	2.8	-1.9	0.3	2.5	4.6	6.2	10.2	12.2	12.9	26.4
Görlitz N 51.2, E 15.0	Az	146.8	150.3	153.8	159.2	163.3	169.1	174.6	178.7	182.6	186.4	190.2	193.0	200.2	203.8	205.0	232.1
	EI	26.1	27.2	28.1	29.4	30.1	30.8	31.3	31.4	31.4	31.2	30.9	30.6	29.5	28.7	28.4	18.0
	Sk	-20.1	-18.1	-16.1	-5.9	-3.4	0.2	3.6	-0.8	1.6	4.0	6.4	8.1	12.5	14.7	15.4	29.6
Göttingen N 51.5, E 9.9	Az	141.3	144.6	148.0	153.2	157.1	162.8	168.2	172.2	176.0	179.9	183.7	186.5	193.8	197.6	198.8	226.9
	EI	23.9	25.1	26.2	27.7	28.6	29.7	30.4	30.8	31.0	31.1	31.0	30.9	30.2	29.6	29.4	20.4
	Sk	-22.9	-21.2	-19.3	-9.3	-7.0	-3.6	-0.3	-4.8	-2.5	-0.1	2.3	4.0	8.6	10.8	11.6	27.0
Halberstadt N 51.9, E 11.0	Az	142.6	146.0	149.4	154.6	158.5	164.3	169.6	173.7	177.5	181.3	185.1	187.9	195.1	198.8	200.0	227.9
	EI	24.0	25.1	26.2	27.6	28.5	29.5	30.1	30.4	30.6	30.6	30.5	30.3	29.6	29.0	28.8	19.6
	Sk	-22.0	-20.2	-18.3	-8.4	-6.1	-2.6	0.6	-3.9	-1.6	0.8	3.1	4.8	9.3	11.5	12.2	27.2

Halle N 52.0, E 9.6	Az	141.2	144.4	147.8	153.0	156.9	162.6	167.9	171.9	175.7	179.5	183.3	186.1	193.4	197.1	198.3	226.4
	EI	23.3	24.5	25.6	27.1	28.0	29.1	29.8	30.2	30.4	30.5	30.5	30.3	29.7	29.2	29.0	20.2
	Sk	-22.7	-21.0	-19.2	-9.3	-7.0	-3.6	-0.4	-5.0	-2.7	-0.3	2.0	3.7	8.2	10.4	11.1	26.5
Hamburg N 53.6, E 10.0	Az	142.2	145.5	148.8	153.9	157.8	163.4	168.6	172.6	176.3	180.0	183.7	186.5	193.6	197.2	198.4	226.2
	EI	22.2	23.3	24.3	25.7	26.5	27.5	28.2	28.5	28.7	28.8	28.7	28.6	28.0	27.4	27.2	18.8
	Sk	-21.3	-19.7	-17.9	-8.1	-6.0	-2.8	0.3	-4.4	-2.2	0.0	2.2	3.8	8.0	10.1	10.8	25.4
Hameln N 52.1, E 9.4	Az	141.0	144.3	147.6	152.8	156.7	162.3	167.7	171.7	175.4	179.2	183.0	185.8	193.1	196.8	198.0	226.2
	EI	23.2	24.4	25.5	26.9	27.9	29.0	29.7	30.1	30.3	30.4	30.4	30.3	29.6	29.1	28.9	20.2
	Sk	-22.8	-21.0	-19.2	-9.3	-7.1	-3.7	-0.6	-5.1	-2.8	-0.5	1.9	3.6	8.0	10.2	11.0	26.3
Hamm N 51.7, E 7.8	Az	139.1	142.3	145.7	150.8	154.6	160.3	165.6	169.6	173.4	177.2	181.0	183.8	191.2	194.9	196.2	224.7
	EI	22.8	24.1	25.2	26.8	27.8	29.0	29.9	30.3	30.6	30.8	30.8	30.8	30.3	29.8	29.6	21.2
	Sk	-23.9	-22.3	-20.5	-10.6	-8.4	-5.1	-1.9	-6.4	-4.1	-1.7	0.6	2.4	6.9	9.2	9.9	25.8
Hannover N 52.4, E 9.7	Az	141.4	144.7	148.0	153.2	157.1	162.8	168.1	172.1	175.8	179.6	183.4	186.2	193.4	197.1	198.3	226.3
	EI	23.0	24.2	25.3	26.7	27.7	28.7	29.4	29.8	30.0	30.1	30.0	29.9	29.3	28.7	28.5	19.8
	Sk	-22.4	-20.7	-18.8	-9.0	-6.7	-3.4	-0.2	-4.8	-2.5	-0.2	2.1	3.8	8.1	10.3	11.1	26.2
Heide N 54.2, E 9.1	Az	141.4	144.7	148.0	153.1	156.9	162.4	167.6	171.5	175.2	178.9	182.6	185.3	192.4	196.0	197.2	225.1
	EI	21.3	22.4	23.5	24.9	25.7	26.8	27.5	27.8	28.0	28.1	28.1	28.0	27.5	27.0	26.8	18.8
	Sk	-21.4	-19.8	-18.1	-8.4	-6.3	-3.2	-0.2	-5.0	-2.8	-0.7	1.5	3.1	7.2	9.3	10.0	24.5
Heidelberg N 49.4, E 8.7	Az	139.1	142.4	145.8	151.0	155.0	160.8	166.3	170.4	174.3	178.3	182.2	185.1	192.7	196.5	197.8	226.5
	EI	25.1	26.4	27.6	29.3	30.3	31.6	32.5	32.9	33.2	33.3	33.3	33.2	32.6	32.0	31.8	22.5
	Sk	-25.2	-23.4	-21.5	-11.4	-9.0	-5.4	-1.9	-6.2	-3.7	-1.1	1.5	3.3	8.2	10.7	11.5	28.2
Heilbronn N 49.2, E 9.2	Az	139.6	142.9	146.3	151.6	155.5	161.4	166.9	171.1	175.0	178.9	182.9	185.8	193.4	197.2	198.5	227.1
	EI	25.5	26.8	28.0	29.6	30.7	31.9	32.7	33.2	33.4	33.6	33.5	33.4	32.7	32.2	31.9	22.4
	Sk	-25.1	-23.2	-21.3	-11.1	-8.7	-5.0	-1.5	-5.8	-3.3	-0.7	1.9	3.8	8.7	11.2	12.0	28.6
Hildesheim N 52.2, E 10.0	Az	141.7	145.0	148.3	153.5	157.4	163.1	168.4	172.4	176.2	180.0	183.8	186.6	193.8	197.5	198.7	226.7
	EI	23.3	24.5	25.6	27.0	27.9	29.0	29.7	30.0	30.2	30.3	30.2	30.1	29.4	28.9	28.7	19.8
	Sk	-22.3	-20.6	-18.8	-8.9	-6.6	-3.3	-0.1	-4.6	-2.3	0.0	2.3	4.0	8.4	10.6	11.4	26.5
Hof N 50.3, E 11.9	Az	143.0	146.4	149.8	155.2	159.2	165.1	170.6	174.7	178.6	182.5	186.4	189.2	196.6	200.3	201.6	229.4
	EI	25.7	26.9	28.0	29.4	30.3	31.3	31.9	32.2	32.4	32.3	32.2	32.0	31.1	30.4	30.2	20.2
	Sk	-22.6	-20.7	-18.7	-8.6	-6.1	-2.5	1.0	-3.4	-0.9	1.6	4.1	5.9	10.5	12.8	13.6	29.0
Ingolstadt N 48.8, E 11.4	Az	141.8	145.2	148.7	154.1	158.1	164.1	169.7	173.9	177.9	181.9	185.8	188.7	196.3	200.1	201.4	229.5
	EI	26.8	28.0	29.2	30.7	31.7	32.8	33.5	33.8	34.0	34.0	33.8	33.6	32.7	32.1	31.8	21.5
	Sk	-24.0	-22.1	-20.0	-9.7	-7.2	-3.4	0.2	-4.0	-1.4	1.2	3.8	5.8	10.7	13.1	13.9	30.1
Iserlohn N 51.4, E 7.7	Az	138.9	142.1	145.4	150.6	154.4	160.1	165.4	169.4	173.2	177.1	180.9	183.7	191.1	194.8	196.1	224.7
	EI	23.0	24.3	25.5	27.1	28.1	29.3	30.2	30.6	31.0	31.1	31.2	31.1	30.6	30.1	30.0	21.5
	Sk	-24.2	-22.5	-20.7	-10.9	-8.6	-5.3	-2.0	-6.6	-4.2	-1.8	0.6	2.3	6.9	9.2	10.0	26.0
Kaiserslautern N 49.5, E 7.8	Az	138.2	141.5	144.8	150.0	153.9	159.7	165.2	169.3	173.2	177.1	181.1	183.9	191.5	195.4	196.6	225.6
	EI	24.6	25.9	27.2	28.9	30.0	31.3	32.2	32.7	33.0	33.2	33.2	33.2	32.6	32.1	31.9	22.9
	Sk	-25.6	-23.9	-22.0	-12.0	-9.6	-6.0	-2.6	-7.0	-4.4	-1.9	0.7	2.6	7.4	9.9	10.7	27.6

Karlsruhe N 49.0, E 8.4	Az	138.6	141.9	145.3	150.5	154.5	160.3	165.8	170.0	173.9	177.9	181.9	184.8	192.4	196.2	197.5	226.4
	EI	25.3	26.6	27.9	29.6	30.6	31.9	32.8	33.3	33.6	33.8	33.8	33.7	33.1	32.5	32.3	22.9
	Sk	-25.7	-23.9	-21.9	-11.8	-9.4	-5.8	-2.3	-6.6	-4.0	-1.4	1.2	3.1	8.1	10.6	11.4	28.4
Kassel N 51.3, E 9.5	Az	140.8	144.1	147.4	152.6	156.6	162.3	167.7	171.7	175.5	179.4	183.2	186.0	193.4	197.1	198.3	226.6
	EI	23.9	25.1	26.2	27.7	28.7	29.8	30.6	31.0	31.2	31.3	31.2	31.1	30.4	29.9	29.7	20.7
	Sk	-23.3	-21.5	-19.7	-9.7	-7.4	-4.0	-0.7	-5.2	-2.8	-0.4	2.0	3.8	8.3	10.6	11.3	27.0
Kempten (Allgäu) N 47.7, E 10.3	Az	140.1	143.5	147.0	152.3	156.4	162.4	168.1	172.3	176.4	180.4	184.5	187.4	195.1	199.0	200.3	228.9
	EI	27.2	28.5	29.8	31.5	32.5	33.7	34.5	34.9	35.1	35.2	35.1	34.9	34.1	33.5	33.2	22.9
	Sk	-25.6	-23.6	-21.5	-11.2	-8.6	-4.7	-1.0	-5.2	-2.5	0.3	3.0	5.0	10.1	12.7	13.5	30.5
Kiefersfelden N 47.6, E 12.2	Az	142.2	145.6	149.2	154.6	158.8	164.9	170.6	174.9	178.9	183.0	187.0	190.0	197.6	201.5	202.7	230.8
	EI	28.2	29.4	30.6	32.2	33.1	34.2	34.9	35.2	35.3	35.3	35.1	34.8	33.8	33.1	32.8	21.9
	Sk	-24.4	-22.4	-20.2	-9.8	-7.1	-3.1	0.7	-3.5	-0.7	2.0	4.7	6.7	11.8	14.3	15.1	31.5
Kiel N 54.3, E 10.1	Az	142.5	145.8	149.1	154.2	158.1	163.7	168.8	172.8	176.4	180.1	183.8	186.5	193.6	197.2	198.4	226.0
	EI	21.6	22.7	23.7	25.0	25.9	26.8	27.5	27.8	28.0	28.0	28.0	27.8	27.2	26.7	26.5	18.3
	Sk	-20.8	-19.2	-17.4	-7.7	-5.6	-2.5	0.5	-4.2	-2.1	0.1	2.2	3.8	7.9	9.9	10.6	24.8
Koblenz N 50.4, E 7.6	Az	138.4	141.6	144.9	150.1	154.0	159.7	165.1	169.2	173.0	176.9	180.8	183.6	191.1	194.9	196.2	225.0
	EI	23.8	25.1	26.3	28.0	29.0	30.3	31.2	31.7	32.0	32.2	32.3	32.2	31.7	31.2	31.0	22.3
	Sk	-25.1	-23.3	-21.5	-11.5	-9.2	-5.8	-2.4	-6.9	-4.5	-2.0	0.5	2.3	7.1	9.4	10.2	26.8
Konstanz N 47.7, E 9.2	Az	138.9	142.3	145.7	151.0	155.0	161.0	166.6	170.8	174.9	178.9	183.0	185.9	193.7	197.6	198.9	227.8
	EI	26.7	28.1	29.3	31.1	32.2	33.5	34.3	34.8	35.1	35.2	35.2	35.0	34.3	33.7	33.5	23.5
	Sk	-26.2	-24.3	-22.3	-12.1	-9.5	-5.7	-2.0	-6.2	-3.5	-0.7	2.0	4.0	9.2	11.7	12.6	29.9
Krefeld N 51.3, E 6.6	Az	137.7	140.9	144.2	149.3	153.1	158.7	164.0	168.0	171.8	175.7	179.5	182.3	189.7	193.5	194.7	223.6
	EI	22.6	23.9	25.1	26.8	27.9	29.2	30.1	30.6	31.0	31.2	31.3	31.3	30.8	30.4	30.3	22.1
	Sk	-24.9	-23.2	-21.5	-11.6	-9.4	-6.1	-2.9	-7.5	-5.1	-2.7	-0.3	1.4	6.1	8.4	9.2	25.5
Kulmbach N 50.1, E 11.5	Az	142.5	145.8	149.3	154.6	158.6	164.5	170.0	174.1	178.1	182.0	185.9	188.7	196.1	199.9	201.1	229.1
	EI	25.7	26.9	28.0	29.5	30.4	31.5	32.1	32.4	32.6	32.6	32.4	32.2	31.4	30.7	30.5	20.6
	Sk	-23.0	-21.1	-19.1	-9.0	-6.5	-2.9	0.6	-3.8	-1.3	1.3	3.8	5.6	10.3	12.6	13.4	29.0
Köln N 51.0, E 7.0	Az	138.0	141.2	144.5	149.6	153.5	159.1	164.5	168.5	172.3	176.1	180.0	182.8	190.3	194.0	195.3	224.1
	EI	23.0	24.3	25.6	27.2	28.3	29.6	30.5	31.0	31.3	31.5	31.6	31.6	31.1	30.7	30.5	22.1
	Sk	-24.9	-23.2	-21.4	-11.6	-9.3	-6.0	-2.7	-7.2	-4.8	-2.4	0.0	1.8	6.4	8.8	9.6	26.0
Landau in der Pfalz N 49.2, E 8.1	Az	138.4	141.7	145.0	150.3	154.2	160.0	165.5	169.6	173.5	177.5	181.5	184.4	192.0	195.8	197.1	226.0
	EI	25.0	26.3	27.6	29.3	30.4	31.7	32.6	33.1	33.4	33.5	33.6	33.5	32.9	32.4	32.2	22.9
	Sk	-25.7	-23.9	-22.0	-11.9	-9.5	-5.9	-2.4	-6.8	-4.2	-1.6	1.0	2.8	7.8	10.3	11.1	28.0
Landsberg am Lech N 48.1, E 10.9	Az	141.0	144.4	147.8	153.2	157.3	163.3	168.9	173.2	177.2	181.2	185.2	188.2	195.8	199.7	200.9	229.3
	EI	27.1	28.5	29.7	31.3	32.3	33.4	34.2	34.5	34.7	34.8	34.6	34.4	33.6	32.9	32.6	22.3
	Sk	-24.9	-22.9	-20.8	-10.5	-7.9	-4.1	-0.4	-4.6	-1.9	0.8	3.5	5.5	10.5	13.0	13.8	30.4
Landshut N 48.5, E 12.2	Az	142.6	146.0	149.5	154.9	159.1	165.1	170.7	174.9	178.9	182.9	186.9	189.8	197.4	201.2	202.5	230.4
	EI	27.4	28.6	29.8	31.3	32.2	33.3	33.9	34.2	34.3	34.3	34.1	33.9	32.9	32.2	31.9	21.3
	Sk	-23.7	-21.8	-19.7	-9.3	-6.7	-2.8	0.9	-3.4	-0.7	2.0	4.6	6.5	11.4	13.9	14.7	30.7

Leipzig N 51.3, E 12.4	Az	144.0	147.3	150.8	156.1	160.1	165.9	171.3	175.4	179.2	183.1	186.9	189.7	197.0	200.7	201.9	229.5
	EI	25.1	26.2	27.2	28.6	29.4	30.4	30.9	31.2	31.3	31.2	31.1	30.8	29.9	29.3	29.0	19.3
	Sk	-21.6	-19.7	-17.8	-7.7	-5.3	-1.8	1.6	-2.9	-0.5	1.9	4.3	6.1	10.5	12.8	13.5	28.4
Lindau N 54.4, E 9.9	Az	142.4	145.6	148.9	154.0	157.9	163.4	168.6	172.5	176.2	179.9	183.6	186.3	193.3	196.9	198.1	225.8
	EI	21.5	22.5	23.6	24.9	25.7	26.7	27.3	27.7	27.9	27.9	27.9	27.7	27.1	26.6	26.5	18.3
	Sk	-20.8	-19.2	-17.5	-7.8	-5.7	-2.6	0.4	-4.4	-2.2	-0.1	2.1	3.6	7.7	9.8	10.4	24.7
Lingen (Ems) N 52.5, E 7.3	Az	138.9	142.1	145.4	150.5	154.3	159.9	165.1	169.1	172.8	176.6	180.4	183.2	190.4	194.1	195.4	223.8
	EI	22.0	23.2	24.4	25.9	26.9	28.1	29.0	29.4	29.7	29.9	30.0	29.9	29.5	29.1	28.9	20.8
	Sk	-23.6	-22.0	-20.2	-10.5	-8.3	-5.1	-2.0	-6.6	-4.4	-2.1	0.2	1.9	6.3	8.6	9.3	24.9
Lübeck N 53.9, E 10.7	Az	143.0	146.3	149.7	154.8	158.7	164.3	169.5	173.5	177.2	180.9	184.6	187.3	194.4	198.0	199.2	226.8
	EI	22.2	23.3	24.3	25.6	26.4	27.4	28.0	28.3	28.4	28.5	28.4	28.2	27.5	27.0	26.8	18.3
	Sk	-20.8	-19.1	-17.3	-7.5	-5.4	-2.2	0.9	-3.9	-1.7	0.5	2.7	4.3	8.4	10.5	11.2	25.4
Lüneburg N 53.3, E 10.4	Az	142.5	145.8	149.1	154.3	158.2	163.8	169.1	173.0	176.8	180.5	184.2	187.0	194.1	197.8	199.0	226.7
	EI	22.6	23.7	24.7	26.1	26.9	27.9	28.6	28.9	29.1	29.1	29.0	28.9	28.2	27.7	27.5	18.8
	Sk	-21.3	-19.6	-17.9	-8.0	-5.8	-2.6	0.5	-4.2	-1.9	0.3	2.5	4.2	8.4	10.5	11.2	25.8
Magdeburg N 52.1, E 11.6	Az	143.4	146.7	150.1	155.4	159.3	165.1	170.4	174.4	178.2	182.0	185.8	188.6	195.8	199.5	200.7	228.4
	EI	24.1	25.2	26.2	27.6	28.4	29.4	30.0	30.3	30.4	30.4	30.3	30.1	29.3	28.7	28.4	19.1
	Sk	-21.5	-19.7	-17.8	-7.8	-5.5	-2.1	1.1	-3.4	-1.1	1.3	3.6	5.3	9.6	11.8	12.5	27.3
Mainz N 50.0, E 8.3	Az	139.0	142.2	145.6	150.8	154.7	160.5	165.9	170.0	173.9	177.8	181.7	184.6	192.1	195.9	197.2	225.9
	EI	24.4	25.7	26.9	28.6	29.6	30.9	31.8	32.2	32.5	32.7	32.7	32.6	32.0	31.5	31.3	22.3
	Sk	-25.0	-23.2	-21.3	-11.3	-8.9	-5.4	-2.0	-6.4	-3.9	-1.4	1.1	2.9	7.7	10.1	10.9	27.5
Mannheim N 49.5, E 8.5	Az	139.0	142.2	145.6	150.8	154.8	160.6	166.1	170.2	174.1	178.0	182.0	184.9	192.4	196.3	197.5	226.3
	EI	24.9	26.2	27.5	29.1	30.2	31.4	32.3	32.8	33.1	33.2	33.2	33.1	32.5	32.0	31.8	22.5
	Sk	-25.2	-23.4	-21.5	-11.5	-9.1	-5.5	-2.0	-6.4	-3.8	-1.3	1.3	3.2	8.0	10.5	11.3	28.0
Marburg N 50.8, E 8.8	Az	139.8	143.1	146.5	151.6	155.6	161.3	166.7	170.7	174.6	178.5	182.3	185.2	192.6	196.3	197.6	226.1
	EI	24.0	25.3	26.4	28.0	29.0	30.2	31.0	31.4	31.7	31.8	31.8	31.7	31.1	30.6	30.4	21.4
	Sk	-24.1	-22.3	-20.5	-10.5	-8.2	-4.7	-1.4	-5.8	-3.4	-1.0	1.5	3.3	7.9	10.2	11.0	27.1
Memmingen N 48.0, E 10.2	Az	140.2	143.5	147.0	152.3	156.4	162.4	168.0	172.2	176.2	180.3	184.3	187.3	194.9	198.8	200.1	228.7
	EI	26.9	28.2	29.5	31.1	32.2	33.4	34.2	34.6	34.8	34.9	34.8	34.6	33.8	33.2	32.9	22.7
	Sk	-25.4	-23.5	-21.4	-11.1	-8.6	-4.7	-1.0	-5.2	-2.5	0.2	2.9	4.8	9.9	12.5	13.3	30.2
Meschede N 51.4, E 8.3	Az	139.5	142.8	146.1	151.3	155.2	160.8	166.2	170.2	174.0	177.8	181.7	184.5	191.8	195.6	196.8	225.3
	EI	23.3	24.5	25.7	27.3	28.3	29.5	30.3	30.7	31.0	31.1	31.2	31.1	30.5	30.0	29.8	21.2
	Sk	-23.9	-22.2	-20.4	-10.5	-8.2	-4.8	-1.6	-6.1	-3.7	-1.4	1.0	2.8	7.4	9.7	10.4	26.3
Minden N 52.3, E 8.9	Az	140.5	143.8	147.1	152.3	156.1	161.8	167.1	171.1	174.8	178.6	182.4	185.2	192.4	196.1	197.4	225.6
	EI	22.8	24.0	25.1	26.6	27.5	28.7	29.4	29.8	30.1	30.2	30.2	30.1	29.5	29.0	28.8	20.3
	Sk	-22.9	-21.2	-19.4	-9.5	-7.3	-4.0	-0.9	-5.5	-3.2	-0.9	1.5	3.2	7.6	9.8	10.5	25.9
Mühdorf am Inn N 48.2, E 12.5	Az	142.8	146.2	149.8	155.2	159.3	165.4	171.0	175.3	179.3	183.4	187.4	190.3	197.9	201.7	202.9	230.9
	EI	27.8	29.0	30.2	31.7	32.6	33.6	34.3	34.6	34.7	34.6	34.4	34.2	33.1	32.4	32.1	21.3
	Sk	-23.8	-21.8	-19.6	-9.2	-6.6	-2.7	1.0	-3.1	-0.5	2.2	4.9	6.8	11.8	14.3	15.1	31.1



Mühlhausen N 49.3, E 8.7	Az	139.1	142.4	145.8	151.0	155.0	160.8	166.3	170.4	174.3	178.3	182.2	185.1	192.7	196.6	197.8	226.6
	EI	25.2	26.5	27.7	29.4	30.4	31.7	32.6	33.0	33.3	33.4	33.4	33.3	32.7	32.2	31.9	22.6
	Sk	-25.3	-23.5	-21.5	-11.4	-9.0	-5.4	-1.9	-6.2	-3.7	-1.1	1.5	3.4	8.3	10.7	11.5	28.3
München N 48.1, E 11.6	Az	141.8	145.2	148.6	154.1	158.2	164.2	169.8	174.1	178.1	182.2	186.2	189.1	196.7	200.6	201.8	230.0
	EI	27.5	28.7	29.9	31.5	32.5	33.6	34.3	34.6	34.7	34.7	34.6	34.4	33.4	32.7	32.5	21.9
	Sk	-24.4	-22.4	-20.3	-10.0	-7.4	-3.5	0.2	-3.9	-1.3	1.4	4.1	6.1	11.1	13.6	14.4	30.8
Münster N 49.9, E 8.9	Az	139.6	142.8	146.2	151.5	155.4	161.2	166.6	170.8	174.7	178.6	182.5	185.4	192.9	196.7	197.9	226.5
	EI	24.8	26.1	27.3	28.9	29.9	31.1	32.0	32.4	32.7	32.8	32.8	32.7	32.0	31.5	31.3	22.0
	Sk	-24.7	-22.9	-21.0	-10.9	-8.6	-5.0	-1.6	-5.9	-3.5	-0.9	1.6	3.5	8.2	10.7	11.4	27.9
Mönchengladbach N 51.2, E 6.4	Az	137.4	140.6	143.9	149.0	152.8	158.5	163.8	167.8	171.6	175.4	179.2	182.1	189.5	193.3	194.5	223.4
	EI	22.6	23.9	25.1	26.8	27.9	29.2	30.2	30.7	31.1	31.3	31.4	31.4	31.0	30.6	30.4	22.2
	Sk	-25.1	-23.4	-21.7	-11.8	-9.6	-6.3	-3.1	-7.6	-5.3	-2.9	-0.5	1.3	5.9	8.3	9.0	25.5
Neubrandenburg N 53.6, E 13.3	Az	145.8	149.1	152.5	157.8	161.7	167.4	172.7	176.7	180.4	184.1	187.8	190.5	197.6	201.2	202.3	229.5
	EI	23.4	24.4	25.3	26.5	27.3	28.1	28.5	28.7	28.8	28.7	28.5	28.3	27.4	26.8	26.5	17.3
	Sk	-19.5	-17.7	-15.9	-6.0	-3.7	-0.4	2.7	-2.0	0.2	2.4	4.6	6.2	10.3	12.4	13.0	26.8
Nienburg N 51.8, E 11.8	Az	143.5	146.8	150.2	155.5	159.5	165.2	170.6	174.7	178.5	182.3	186.1	188.9	196.1	199.8	201.0	228.7
	EI	24.4	25.5	26.6	27.9	28.8	29.7	30.3	30.6	30.7	30.7	30.6	30.4	29.5	28.9	28.7	19.2
	Sk	-21.6	-19.8	-17.9	-7.9	-5.5	-2.1	1.2	-3.3	-0.9	1.4	3.8	5.5	9.9	12.1	12.8	27.7
Nordhausen N 51.5, E 10.8	Az	142.3	145.6	149.0	154.2	158.2	163.9	169.3	173.4	177.2	181.0	184.9	187.7	195.0	198.7	199.9	227.8
	EI	24.3	25.4	26.5	27.9	28.8	29.9	30.5	30.9	31.0	31.1	31.0	30.8	30.0	29.4	29.2	19.9
	Sk	-22.4	-20.6	-18.7	-8.7	-6.4	-2.9	0.4	-4.1	-1.8	0.6	3.0	4.8	9.2	11.5	12.2	27.5
Nürnberg N 49.5, E 11.1	Az	141.8	145.2	148.6	153.9	158.0	163.9	169.4	173.6	177.5	181.5	185.4	188.3	195.7	199.5	200.8	228.9
	EI	26.1	27.3	28.5	30.0	30.9	32.0	32.7	33.0	33.2	33.2	33.1	32.9	32.1	31.4	31.2	21.2
	Sk	-23.7	-21.8	-19.8	-9.6	-7.1	-3.4	0.1	-4.2	-1.6	0.9	3.5	5.4	10.2	12.5	13.3	29.3
Offenburg N 48.5, E 8.0	Az	138.0	141.3	144.6	149.9	153.8	159.7	165.2	169.4	173.3	177.3	181.3	184.3	191.9	195.8	197.1	226.2
	EI	25.5	26.9	28.1	29.9	31.0	32.3	33.3	33.8	34.1	34.3	34.3	34.2	33.6	33.1	32.9	23.5
	Sk	-26.3	-24.5	-22.6	-12.4	-10.0	-6.3	-2.8	-7.0	-4.4	-1.8	0.9	2.8	7.9	10.4	11.3	28.6
Oldenburg N 53.2, E 8.2	Az	140.1	143.3	146.6	151.7	155.6	161.1	166.4	170.3	174.0	177.8	181.5	184.2	191.4	195.1	196.3	224.5
	EI	21.8	23.0	24.1	25.5	26.5	27.6	28.4	28.8	29.1	29.2	29.2	29.1	28.6	28.2	28.0	19.9
	Sk	-22.6	-21.0	-19.2	-9.5	-7.4	-4.2	-1.1	-5.8	-3.6	-1.4	0.9	2.5	6.8	9.0	9.7	24.8
Osnabrück N 52.3, E 8.1	Az	139.7	142.9	146.2	151.3	155.2	160.8	166.1	170.1	173.8	177.6	181.4	184.2	191.4	195.2	196.4	224.7
	EI	22.5	23.7	24.8	26.4	27.3	28.5	29.3	29.7	30.0	30.2	30.2	30.1	29.6	29.1	29.0	20.6
	Sk	-23.3	-21.7	-19.9	-10.1	-7.9	-4.6	-1.5	-6.1	-3.8	-1.5	0.9	2.6	7.0	9.2	9.9	25.5
Paderborn N 51.7, E 8.8	Az	140.2	143.4	146.8	151.9	155.8	161.5	166.8	170.9	174.7	178.5	182.3	185.1	192.4	196.2	197.4	225.7
	EI	23.3	24.5	25.6	27.1	28.1	29.3	30.0	30.5	30.7	30.8	30.8	30.7	30.1	29.6	29.4	20.8
	Sk	-23.4	-21.7	-19.9	-10.0	-7.7	-4.3	-1.1	-5.7	-3.3	-1.0	1.4	3.2	7.7	9.9	10.7	26.3
Passau N 48.6, E 13.5	Az	144.1	147.6	151.1	156.6	160.7	166.8	172.4	176.7	180.7	184.7	188.6	191.5	199.0	202.8	204.0	231.7
	EI	27.9	29.1	30.1	31.6	32.4	33.4	33.9	34.2	34.2	34.1	33.9	33.6	32.5	31.7	31.4	20.5
	Sk	-22.8	-20.8	-18.6	-8.2	-5.6	-1.7	2.0	-2.2	0.4	3.1	5.7	7.6	12.5	14.9	15.6	31.3



Pforzheim N 48.9, E 8.7	Az	138.9	142.2	145.6	150.9	154.8	160.7	166.2	170.4	174.3	178.3	182.3	185.2	192.8	196.7	197.9	226.8
	EI	25.5	26.8	28.1	29.8	30.8	32.1	33.0	33.4	33.7	33.9	33.9	33.8	33.1	32.6	32.4	22.9
	Sk	-25.6	-23.8	-21.8	-11.7	-9.2	-5.6	-2.0	-6.3	-3.7	-1.1	1.5	3.4	8.4	10.9	11.7	28.6
Plauen N 50.5, E 12.1	Az	143.3	146.7	150.1	155.5	159.5	165.4	170.8	175.0	178.8	182.7	186.6	189.4	196.8	200.5	201.7	229.5
	EI	25.6	26.8	27.9	29.3	30.2	31.1	31.8	32.0	32.1	32.1	31.9	31.7	30.8	30.2	29.9	20.0
	Sk	-22.3	-20.5	-18.5	-8.3	-5.9	-2.3	1.2	-3.2	-0.7	1.7	4.2	6.0	10.6	12.9	13.6	28.9
Ravensburg N 47.8, E 9.6	Az	139.4	142.7	146.2	151.5	155.6	161.5	167.1	171.4	175.4	179.5	183.5	186.5	194.2	198.1	199.4	228.2
	EI	26.8	28.2	29.4	31.1	32.2	33.5	34.3	34.7	35.0	35.1	35.0	34.9	34.1	33.5	33.3	23.2
	Sk	-25.9	-24.0	-22.0	-11.7	-9.1	-5.3	-1.6	-5.8	-3.1	-0.4	2.4	4.3	9.5	12.0	12.9	30.0
Recklinghausen N 51.6, E 7.2	Az	138.4	141.7	145.0	150.1	153.9	159.5	164.8	168.8	172.6	176.4	180.3	183.1	190.4	194.2	195.4	224.1
	EI	22.6	23.9	25.1	26.7	27.8	29.0	29.9	30.4	30.7	30.9	31.0	30.9	30.4	30.0	29.8	21.6
	Sk	-24.3	-22.7	-20.9	-11.1	-8.9	-5.5	-2.4	-6.9	-4.6	-2.2	0.2	1.9	6.5	8.8	9.5	25.6
Regensburg N 49.0, E 12.1	Az	142.7	146.1	149.6	155.0	159.1	165.0	170.6	174.8	178.8	182.8	186.7	189.6	197.1	200.9	202.2	230.1
	EI	26.9	28.1	29.3	30.8	31.7	32.7	33.4	33.7	33.8	33.7	33.6	33.3	32.4	31.7	31.4	21.0
	Sk	-23.4	-21.5	-19.4	-9.1	-6.6	-2.8	0.9	-3.4	-0.8	1.8	4.4	6.3	11.2	13.6	14.3	30.2
Reutlingen N 48.5, E 9.2	Az	139.3	142.6	146.0	151.3	155.3	161.2	166.8	171.0	174.9	178.9	182.9	185.9	193.5	197.4	198.7	227.4
	EI	26.0	27.4	28.6	30.3	31.4	32.6	33.5	33.9	34.2	34.3	34.3	34.2	33.5	32.9	32.7	22.9
	Sk	-25.6	-23.7	-21.8	-11.6	-9.1	-5.3	-1.7	-6.0	-3.4	-0.7	2.0	3.9	8.9	11.4	12.2	29.2
Rosenheim N 47.9, E 12.1	Az	142.2	145.6	149.2	154.6	158.7	164.8	170.5	174.8	178.8	182.8	186.9	189.8	197.4	201.3	202.5	230.6
	EI	27.9	29.1	30.3	31.8	32.8	33.9	34.6	34.9	35.0	34.9	34.8	34.5	33.5	32.8	32.5	21.8
	Sk	-24.3	-22.2	-20.1	-9.7	-7.1	-3.1	0.6	-3.5	-0.8	1.9	4.6	6.6	11.6	14.1	14.9	31.2
Rostock N 54.1, E 12.1	Az	144.6	147.9	151.3	156.5	160.4	166.0	171.3	175.2	178.9	182.6	186.3	189.0	196.0	199.6	200.8	228.1
	EI	22.5	23.6	24.5	25.8	26.5	27.4	27.9	28.1	28.2	28.2	28.1	27.9	27.1	26.5	26.3	17.5
	Sk	-19.8	-18.1	-16.4	-6.5	-4.4	-1.1	1.9	-2.8	-0.7	1.5	3.7	5.3	9.3	11.4	12.0	25.9
Saarbrücken N 49.2, E 7.0	Az	137.2	140.5	143.8	149.0	152.9	158.6	164.1	168.2	172.1	176.0	180.0	182.9	190.5	194.4	195.7	224.9
	EI	24.5	25.8	27.1	28.9	30.0	31.4	32.4	32.9	33.3	33.5	33.6	33.5	33.0	32.6	32.4	23.5
	Sk	-26.3	-24.6	-22.7	-12.7	-10.3	-6.8	-3.3	-7.7	-5.2	-2.6	0.0	1.9	6.9	9.4	10.2	27.5
Salzgitter N 52.1, E 10.4	Az	142.1	145.4	148.7	153.9	157.9	163.6	168.9	172.9	176.7	180.5	184.3	187.1	194.3	198.0	199.2	227.2
	EI	23.6	24.7	25.8	27.2	28.1	29.2	29.8	30.2	30.4	30.4	30.3	30.2	29.5	28.9	28.7	19.7
	Sk	-22.2	-20.4	-18.6	-8.7	-6.4	-3.0	0.2	-4.3	-2.0	0.3	2.6	4.3	8.8	11.0	11.7	26.8
Schweinfurt N 50.1, E 10.2	Az	141.1	144.4	147.8	153.1	157.1	162.9	168.3	172.5	176.4	180.3	184.2	187.0	194.5	198.3	199.5	227.8
	EI	25.2	26.4	27.6	29.1	30.1	31.2	31.9	32.3	32.5	32.6	32.5	32.4	31.6	31.0	30.8	21.2
	Sk	-23.8	-21.9	-20.0	-9.9	-7.5	-3.9	-0.5	-4.8	-2.3	0.2	2.7	4.5	9.2	11.6	12.4	28.4
Schwerin N 53.6, E 11.4	Az	143.7	147.0	150.4	155.6	159.4	165.1	170.3	174.3	178.0	181.7	185.5	188.2	195.3	198.9	200.1	227.6
	EI	22.7	23.8	24.8	26.1	26.9	27.8	28.4	28.6	28.8	28.8	28.7	28.5	27.7	27.2	27.0	18.2
	Sk	-20.6	-18.9	-17.1	-7.2	-5.0	-1.8	1.3	-3.4	-1.2	1.0	3.2	4.8	9.0	11.1	11.8	26.0
Siegen N 50.9, E 8.0	Az	139.0	142.3	145.6	150.7	154.6	160.3	165.7	169.7	173.6	177.4	181.3	184.1	191.5	195.3	196.6	225.2
	EI	23.6	24.8	26.0	27.6	28.7	29.9	30.8	31.2	31.5	31.7	31.7	31.6	31.1	30.6	30.4	21.7
	Sk	-24.4	-22.7	-20.9	-11.0	-8.7	-5.3	-2.0	-6.5	-4.1	-1.6	0.8	2.6	7.3	9.6	10.4	26.6

Singen (Hohentwiel) N 47.8, E 8.8	Az	138.5	141.9	145.3	150.6	154.6	160.5	166.1	170.3	174.3	178.4	182.4	185.4	193.1	197.1	198.3	227.3
	EI	26.4	27.8	29.1	30.8	31.9	33.3	34.2	34.6	34.9	35.1	35.1	35.0	34.3	33.7	33.5	23.6
	Sk	-26.4	-24.5	-22.5	-12.3	-9.8	-6.0	-2.3	-6.5	-3.8	-1.1	1.6	3.6	8.8	11.4	12.2	29.6
Speyer N 49.3, E 8.4	Az	138.8	142.0	145.4	150.6	154.6	160.4	165.9	170.0	173.9	177.9	181.9	184.7	192.3	196.2	197.4	226.3
	EI	25.0	26.4	27.6	29.3	30.4	31.6	32.5	33.0	33.3	33.4	33.4	33.3	32.7	32.2	32.0	22.7
	Sk	-25.5	-23.7	-21.7	-11.7	-9.2	-5.6	-2.2	-6.5	-4.0	-1.4	1.2	3.1	8.0	10.5	11.3	28.1
Starnberg N 48.0, E 11.3	Az	141.4	144.8	148.3	153.7	157.8	163.8	169.4	173.7	177.7	181.8	185.8	188.7	196.4	200.2	201.5	229.8
	EI	27.4	28.7	29.9	31.5	32.5	33.6	34.3	34.7	34.9	34.9	34.7	34.5	33.6	32.9	32.6	22.1
	Sk	-24.7	-22.7	-20.6	-10.3	-7.7	-3.8	0.0	-4.2	-1.5	1.2	3.9	5.8	10.9	13.4	14.2	30.7
Stuttgart N 48.8, E 9.2	Az	139.4	142.7	146.1	151.4	155.4	161.3	166.8	171.0	175.0	178.9	182.9	185.8	193.5	197.3	198.6	227.3
	EI	25.8	27.1	28.4	30.0	31.1	32.3	33.2	33.6	33.9	34.0	34.0	33.8	33.1	32.6	32.3	22.7
	Sk	-25.4	-23.5	-21.5	-11.4	-8.9	-5.2	-1.6	-5.9	-3.3	-0.7	1.9	3.8	8.8	11.3	12.1	29.0
Traunstein N 47.9, E 12.7	Az	142.9	146.3	149.9	155.4	159.5	165.6	171.3	175.6	179.6	183.6	187.7	190.6	198.2	202.0	203.3	231.2
	EI	28.1	29.4	30.5	32.0	33.0	34.0	34.6	34.9	35.0	34.9	34.7	34.4	33.4	32.6	32.4	21.4
	Sk	-23.9	-21.8	-19.7	-9.2	-6.6	-2.6	1.2	-3.0	-0.3	2.4	5.1	7.1	12.1	14.6	15.4	31.5
Trier N 49.8, E 6.7	Az	137.2	140.4	143.7	148.8	152.7	158.4	163.8	167.9	171.8	175.7	179.6	182.5	190.0	193.9	195.2	224.3
	EI	23.8	25.2	26.5	28.2	29.3	30.7	31.7	32.2	32.6	32.8	32.9	32.9	32.4	32.0	31.8	23.2
	Sk	-26.0	-24.3	-22.5	-12.5	-10.2	-6.7	-3.4	-7.8	-5.3	-2.8	-0.3	1.6	6.5	8.9	9.7	26.8
Tübingen N 48.5, E 9.1	Az	139.2	142.5	145.9	151.2	155.2	161.1	166.6	170.8	174.8	178.8	182.8	185.7	193.4	197.3	198.5	227.3
	EI	26.0	27.3	28.6	30.3	31.3	32.6	33.5	33.9	34.2	34.3	34.3	34.2	33.5	32.9	32.7	22.9
	Sk	-25.7	-23.8	-21.8	-11.6	-9.2	-5.4	-1.8	-6.1	-3.4	-0.8	1.9	3.8	8.8	11.3	12.2	29.2
Ulm N 48.4, E 10.0	Az	140.1	143.5	146.9	152.2	156.3	162.2	167.8	172.0	176.0	180.0	184.0	186.9	194.6	198.4	199.7	228.3
	EI	26.5	27.8	29.0	30.7	31.7	32.9	33.7	34.1	34.4	34.4	34.4	34.2	33.4	32.8	32.6	22.5
	Sk	-25.2	-23.3	-21.3	-11.0	-8.5	-4.7	-1.1	-5.3	-2.7	0.0	2.7	4.6	9.6	12.1	12.9	29.7
Walsrode N 52.9, E 9.6	Az	141.5	144.8	148.1	153.3	157.1	162.8	168.0	172.0	175.7	179.5	183.3	186.0	193.2	196.9	198.1	226.1
	EI	22.6	23.7	24.8	26.2	27.1	28.2	28.9	29.3	29.5	29.5	29.5	29.4	28.7	28.2	28.0	19.5
	Sk	-22.1	-20.4	-18.6	-8.8	-6.6	-3.3	-0.2	-4.8	-2.6	-0.3	2.0	3.6	7.9	10.1	10.8	25.7
Wesel N 51.7, E 6.6	Az	137.8	141.0	144.3	149.4	153.2	158.8	164.1	168.1	171.9	175.7	179.5	182.3	189.7	193.4	194.7	223.4
	EI	22.3	23.6	24.8	26.4	27.5	28.8	29.7	30.2	30.5	30.8	30.8	30.8	30.4	30.0	29.8	21.8
	Sk	-24.6	-22.9	-21.2	-11.4	-9.2	-5.9	-2.8	-7.4	-5.0	-2.7	-0.3	1.4	6.0	8.3	9.0	25.2
Wetzlar N 50.6, E 8.5	Az	139.4	142.7	146.0	151.2	155.1	160.9	166.3	170.3	174.2	178.1	181.9	184.8	192.2	196.0	197.3	225.8
	EI	24.0	25.3	26.5	28.1	29.1	30.3	31.2	31.6	31.9	32.0	32.0	31.9	31.3	30.8	30.6	21.7
	Sk	-24.4	-22.6	-20.8	-10.8	-8.5	-5.0	-1.7	-6.1	-3.7	-1.2	1.2	3.0	7.7	10.1	10.9	27.1
Wiesbaden N 50.1, E 8.2	Az	138.9	142.2	145.5	150.7	154.6	160.4	165.8	169.9	173.8	177.7	181.6	184.4	191.9	195.7	197.0	225.7
	EI	24.3	25.6	26.8	28.5	29.5	30.8	31.6	32.1	32.4	32.6	32.6	32.5	31.9	31.4	31.2	22.2
	Sk	-24.9	-23.2	-21.3	-11.3	-9.0	-5.4	-2.1	-6.5	-4.0	-1.5	1.0	2.8	7.6	10.0	10.8	27.3
Wilhelmshaven N 53.5, E 8.1	Az	140.1	143.3	146.6	151.7	155.5	161.1	166.3	170.2	173.9	177.6	181.4	184.1	191.3	194.9	196.2	224.3
	EI	21.5	22.7	23.8	25.2	26.2	27.3	28.0	28.5	28.7	28.9	28.9	28.8	28.3	27.9	27.7	19.7
	Sk	-22.4	-20.8	-19.1	-9.4	-7.3	-4.1	-1.1	-5.8	-3.6	-1.4	0.8	2.4	6.7	8.8	9.5	24.5

Wismar N 53.9, E 11.5	Az	143.9	147.2	150.6	155.8	159.6	165.3	170.5	174.4	178.1	181.9	185.6	188.3	195.3	198.9	200.1	227.6
	EI	22.5	23.5	24.5	25.8	26.6	27.5	28.1	28.3	28.4	28.4	28.3	28.2	27.4	26.8	26.6	17.9
	Sk	-20.3	-18.6	-16.8	-7.0	-4.8	-1.6	1.4	-3.3	-1.1	1.1	3.3	4.9	9.0	11.0	11.7	25.8
Wolfsburg N 52.4, E 10.8	Az	142.6	145.9	149.3	154.5	158.4	164.1	169.4	173.5	177.2	181.0	184.8	187.6	194.8	198.4	199.7	227.5
	EI	23.5	24.6	25.7	27.1	27.9	28.9	29.6	29.9	30.0	30.1	30.0	29.8	29.1	28.5	28.3	19.3
	Sk	-21.8	-20.0	-18.2	-8.2	-6.0	-2.6	0.6	-4.0	-1.7	0.6	2.9	4.6	9.0	11.1	11.8	26.7
Worms N 49.6, E 8.4	Az	138.9	142.2	145.5	150.8	154.7	160.5	165.9	170.1	174.0	177.9	181.8	184.7	192.3	196.1	197.4	226.1
	EI	24.8	26.1	27.3	29.0	30.1	31.3	32.2	32.7	33.0	33.1	33.1	33.0	32.4	31.9	31.7	22.5
	Sk	-25.2	-23.4	-21.5	-11.5	-9.1	-5.5	-2.1	-6.4	-3.9	-1.4	1.2	3.1	7.9	10.4	11.2	27.9
Wuppertal N 51.3, E 7.2	Az	138.3	141.5	144.8	150.0	153.8	159.5	164.8	168.8	172.6	176.4	180.3	183.1	190.5	194.2	195.5	224.2
	EI	22.9	24.2	25.4	27.0	28.0	29.3	30.2	30.7	31.0	31.2	31.3	31.2	30.8	30.3	30.2	21.8
	Sk	-24.6	-22.9	-21.1	-11.3	-9.0	-5.7	-2.5	-7.0	-4.6	-2.2	0.2	1.9	6.5	8.8	9.6	25.8
Würzburg N 49.8, E 9.9	Az	140.6	143.9	147.3	152.6	156.6	162.4	167.9	172.0	175.9	179.9	183.8	186.7	194.2	198.0	199.2	227.6
	EI	25.3	26.6	27.7	29.3	30.3	31.4	32.2	32.6	32.8	32.9	32.8	32.7	32.0	31.4	31.2	21.6
	Sk	-24.2	-22.3	-20.4	-10.3	-7.9	-4.2	-0.8	-5.1	-2.6	-0.1	2.5	4.3	9.1	11.5	12.3	28.5
Zweibrücken N 49.3, E 7.4	Az	137.7	140.9	144.3	149.5	153.4	159.2	164.6	168.7	172.6	176.6	180.5	183.4	191.0	194.9	196.2	225.2
	EI	24.6	25.9	27.2	28.9	30.0	31.4	32.3	32.9	33.2	33.4	33.5	33.4	32.9	32.4	32.2	23.2
	Sk	-26.0	-24.3	-22.4	-12.4	-10.0	-6.4	-3.0	-7.3	-4.8	-2.2	0.3	2.2	7.2	9.7	10.5	27.6
Zwickau N 50.7, E 12.5	Az	143.8	147.2	150.7	156.0	160.0	165.9	171.4	175.5	179.4	183.2	187.1	189.9	197.2	201.0	202.2	229.8
	EI	25.6	26.8	27.8	29.2	30.1	31.0	31.6	31.8	31.9	31.9	31.7	31.5	30.5	29.9	29.6	19.7
	Sk	-22.0	-20.1	-18.1	-7.9	-5.5	-1.9	1.6	-2.9	-0.4	2.0	4.5	6.3	10.8	13.1	13.8	28.9