

Finland

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	1E/1G/3A					F/H/KR/L/M	W2				W1
		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
Espoo N 60.2, E 24.7	Az	160.3	163.6	167.0	172.2	176.0	181.4	186.3	190.0	193.4	196.8	200.2	202.6	209.0	212.3	213.3	238.4
	EI	20.2	20.7	21.1	21.5	21.7	21.7	21.6	21.3	21.0	20.6	20.1	19.7	18.4	17.6	17.3	8.1
	Sk	-9.7	-8.1	-6.4	3.1	5.0	7.7	10.1	5.0	6.6	8.3	9.9	11.0	14.0	15.4	15.8	25.1
Helsinki N 60.1, E 25.0	Az	160.6	164.0	167.4	172.5	176.3	181.7	186.7	190.4	193.8	197.2	200.6	203.0	209.4	212.6	213.7	238.7
	EI	20.3	20.8	21.2	21.6	21.8	21.8	21.7	21.4	21.1	20.7	20.1	19.7	18.4	17.6	17.3	8.0
	Sk	-9.5	-7.9	-6.3	3.3	5.2	7.9	10.3	5.1	6.8	8.5	10.1	11.2	14.2	15.6	16.0	25.2
Jyväskylä N 62.3, E 25.8	Az	161.8	165.2	168.5	173.6	177.3	182.6	187.5	191.0	194.4	197.7	201.0	203.4	209.7	212.9	214.0	239.0
	EI	18.3	18.7	19.0	19.4	19.5	19.5	19.3	19.0	18.7	18.3	17.8	17.4	16.2	15.4	15.1	6.5
	Sk	-8.3	-6.8	-5.3	4.0	5.7	8.2	10.5	5.1	6.6	8.1	9.6	10.7	13.3	14.6	15.1	23.5
Kotka N 60.4, E 26.9	Az	162.8	166.2	169.6	174.7	178.5	183.9	188.8	192.5	195.9	199.3	202.6	205.0	211.3	214.5	215.6	240.5
	EI	20.3	20.8	21.1	21.4	21.5	21.5	21.2	20.9	20.5	20.0	19.5	19.0	17.6	16.8	16.5	7.0
	Sk	-8.4	-6.8	-5.1	4.4	6.3	8.9	11.4	6.1	7.8	9.4	10.9	12.1	14.9	16.3	16.7	25.5
Kuopio N 62.9, E 27.7	Az	164.0	167.4	170.7	175.7	179.4	184.7	189.5	193.1	196.4	199.7	203.0	205.4	211.6	214.8	215.8	240.6
	EI	17.9	18.3	18.6	18.8	18.9	18.8	18.5	18.2	17.9	17.4	16.9	16.5	15.2	14.4	14.1	5.4
	Sk	-7.2	-5.7	-4.2	5.1	6.7	9.2	11.3	5.9	7.4	8.8	10.3	11.3	13.8	15.1	15.5	23.4
Lahti N 61.0, E 25.7	Az	161.5	164.9	168.3	173.4	177.1	182.5	187.4	191.1	194.5	197.8	201.2	203.6	209.9	213.1	214.2	239.2
	EI	19.5	20.0	20.3	20.7	20.8	20.9	20.7	20.4	20.1	19.6	19.1	18.7	17.4	16.6	16.3	7.2
	Sk	-8.8	-7.3	-5.7	3.8	5.6	8.2	10.6	5.3	7.0	8.5	10.1	11.2	14.0	15.4	15.8	24.6
Oulu N 65.0, E 25.4	Az	161.8	165.1	168.3	173.3	176.9	182.1	186.8	190.4	193.6	196.9	200.2	202.5	208.7	211.9	212.9	238.0
	EI	15.5	15.9	16.2	16.5	16.6	16.7	16.5	16.3	16.0	15.7	15.3	14.9	13.8	13.1	12.9	5.2
	Sk	-7.6	-6.3	-4.9	4.2	5.7	7.9	9.9	4.4	5.7	7.1	8.4	9.3	11.7	12.9	13.3	21.0
Pori N 61.5, E 21.8	Az	157.3	160.6	163.9	169.0	172.7	178.1	183.0	186.6	190.0	193.4	196.7	199.2	205.6	208.8	209.9	235.3
	EI	18.4	18.9	19.4	19.9	20.1	20.3	20.3	20.2	20.0	19.7	19.3	18.9	17.8	17.1	16.9	8.6
	Sk	-10.6	-9.1	-7.6	1.8	3.5	6.1	8.4	3.1	4.8	6.3	7.9	9.0	11.9	13.3	13.8	23.1
Tampere N 61.5, E 23.8	Az	159.5	162.8	166.2	171.3	175.0	180.3	185.2	188.9	192.3	195.6	199.0	201.4	207.7	211.0	212.0	237.3
	EI	18.7	19.2	19.6	20.1	20.3	20.4	20.2	20.0	19.8	19.4	19.0	18.6	17.4	16.6	16.4	7.8
	Sk	-9.6	-8.1	-6.6	2.8	4.6	7.2	9.5	4.2	5.8	7.4	8.9	10.0	12.8	14.2	14.7	23.7
Turku N 60.5, E 22.3	Az	157.6	161.0	164.4	169.5	173.2	178.6	183.6	187.2	190.7	194.1	197.5	199.9	206.3	209.6	210.7	236.1
	EI	19.4	20.0	20.4	21.0	21.2	21.4	21.4	21.2	21.0	20.6	20.2	19.8	18.7	17.9	17.7	8.9
	Sk	-10.8	-9.2	-7.6	1.8	3.7	6.3	8.8	3.6	5.2	6.9	8.5	9.7	12.6	14.1	14.6	24.1
Vantaa N 60.3, E 25.0	Az	160.6	164.0	167.4	172.5	176.3	181.7	186.7	190.3	193.8	197.1	200.5	203.0	209.3	212.5	213.6	238.7
	EI	20.1	20.6	21.0	21.4	21.6	21.6	21.4	21.2	20.9	20.4	19.9	19.5	18.2	17.4	17.1	7.9
	Sk	-9.5	-7.9	-6.2	3.3	5.2	7.9	10.3	5.1	6.8	8.4	10.0	11.1	14.0	15.5	15.9	25.0