

# Letvia

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
Ainazi N 57.8, E 24.4	Az	159.5	162.9	166.4	171.6	175.5	181.1	186.1	189.9	193.4	196.9	200.3	202.8	209.3	212.6	213.7	238.8
	EI	22.5	23.0	23.5	24.0	24.2	24.3	24.1	23.9	23.5	23.1	22.5	22.1	20.6	19.8	19.5	9.5
	Sk	-10.8	-9.0	-7.2	2.6	4.6	7.6	10.3	5.3	7.1	8.9	10.7	11.9	15.1	16.7	17.2	27.1
Aluksne N 57.4, E 27.1	Az	162.5	166.0	169.5	174.8	178.7	184.3	189.4	193.1	196.6	200.1	203.5	206.0	212.4	215.6	216.7	241.4
	EI	23.4	23.9	24.2	24.6	24.7	24.6	24.3	24.0	23.5	23.0	22.4	21.8	20.2	19.3	18.9	8.4
	Sk	-9.3	-7.5	-5.7	4.2	6.3	9.3	12.0	7.0	8.9	10.7	12.4	13.6	16.8	18.3	18.8	28.2
Azipute N 56.7, E 21.7	Az	156.1	159.6	163.0	168.3	172.2	177.9	183.0	186.8	190.4	193.9	197.4	200.0	206.6	209.9	211.0	236.6
	EI	23.0	23.7	24.2	24.9	25.2	25.4	25.4	25.3	25.0	24.6	24.1	23.7	22.4	21.6	21.3	11.4
	Sk	-12.8	-11.1	-9.2	0.6	2.8	5.8	8.6	3.7	5.7	7.6	9.5	10.8	14.2	15.9	16.4	27.3
Bauska N 56.4, E 24.3	Az	159.0	162.5	166.0	171.4	175.3	181.0	186.1	189.9	193.5	197.0	200.5	203.0	209.6	212.9	214.0	239.1
	EI	23.9	24.5	24.9	25.5	25.7	25.8	25.6	25.3	25.0	24.5	24.0	23.5	22.0	21.0	20.7	10.3
	Sk	-11.4	-9.6	-7.7	2.2	4.4	7.5	10.4	5.5	7.4	9.3	11.2	12.5	15.9	17.5	18.0	28.4
Cesis N 57.3, E 25.5	Az	160.6	164.1	167.6	172.9	176.8	182.4	187.5	191.3	194.8	198.2	201.7	204.2	210.7	213.9	215.0	240.0
	EI	23.2	23.7	24.2	24.6	24.8	24.8	24.6	24.3	23.9	23.4	22.8	22.3	20.8	19.9	19.6	9.2
	Sk	-10.3	-8.5	-6.7	3.2	5.3	8.3	11.0	6.1	7.9	9.7	11.5	12.8	16.0	17.5	18.1	27.9
Daugavpils N 55.9, E 26.5	Az	161.5	165.0	168.6	174.0	178.0	183.6	188.8	192.6	196.2	199.7	203.2	205.7	212.2	215.4	216.5	241.3
	EI	24.8	25.3	25.7	26.2	26.3	26.3	26.0	25.6	25.2	24.6	24.0	23.4	21.7	20.8	20.4	9.4
	Sk	-10.3	-8.3	-6.4	3.6	5.9	9.0	11.9	7.0	9.0	10.9	12.7	14.1	17.4	19.0	19.5	29.5
Druya N 55.8, E 27.5	Az	162.6	166.2	169.8	175.2	179.2	184.8	190.0	193.8	197.4	200.9	204.3	206.8	213.3	216.5	217.6	242.2
	EI	25.1	25.6	26.0	26.3	26.4	26.3	26.0	25.6	25.1	24.5	23.8	23.3	21.5	20.5	20.1	9.0
	Sk	-9.7	-7.7	-5.7	4.3	6.5	9.7	12.6	7.7	9.7	11.6	13.4	14.7	18.0	19.6	20.1	29.8
Ergli N 56.9, E 25.6	Az	160.6	164.1	167.6	173.0	176.9	182.5	187.6	191.4	194.9	198.4	201.9	204.4	210.9	214.1	215.2	240.2
	EI	23.6	24.2	24.6	25.0	25.2	25.2	25.0	24.7	24.3	23.8	23.2	22.7	21.1	20.2	19.9	9.4
	Sk	-10.4	-8.6	-6.7	3.2	5.3	8.4	11.2	6.2	8.1	9.9	11.8	13.0	16.3	17.9	18.4	28.3
Gulbene N 57.1, E 26.9	Az	162.2	165.7	169.2	174.5	178.5	184.1	189.2	192.9	196.4	199.9	203.3	205.8	212.2	215.5	216.6	241.3
	EI	23.7	24.2	24.5	24.9	25.0	25.0	24.7	24.3	23.9	23.3	22.7	22.2	20.5	19.6	19.3	8.7
	Sk	-9.6	-7.7	-5.8	4.0	6.2	9.2	12.0	7.0	8.8	10.7	12.4	13.7	16.8	18.4	18.9	28.5
Jaunjelgava N 56.6, E 25.0	Az	159.9	163.4	166.9	172.2	176.2	181.8	186.9	190.7	194.3	197.8	201.3	203.8	210.3	213.6	214.7	239.7
	EI	23.8	24.4	24.8	25.3	25.5	25.5	25.4	25.1	24.7	24.2	23.6	23.1	21.6	20.6	20.3	9.8
	Sk	-10.9	-9.1	-7.2	2.7	4.9	8.0	10.8	5.9	7.8	9.7	11.5	12.8	16.1	17.7	18.3	28.4
Jelgava N 56.7, E 23.8	Az	158.5	162.0	165.5	170.8	174.7	180.4	185.5	189.3	192.9	196.4	199.9	202.4	208.9	212.2	213.3	238.6
	EI	23.5	24.1	24.6	25.1	25.3	25.5	25.3	25.1	24.7	24.3	23.8	23.3	21.8	20.9	20.6	10.4
	Sk	-11.6	-9.8	-7.9	2.0	4.1	7.2	10.0	5.1	7.0	8.9	10.8	12.1	15.4	17.0	17.6	27.9

Liepaja N 56.5, E 21.0	Az	155.3	158.7	162.2	167.5	171.4	177.0	182.2	186.0	189.6	193.1	196.7	199.2	205.9	209.2	210.3	236.0
	EI	23.0	23.7	24.3	25.0	25.3	25.6	25.6	25.5	25.3	24.9	24.5	24.1	22.8	22.0	21.7	11.8
	Sk	-13.3	-11.6	-9.7	0.1	2.3	5.4	8.2	3.3	5.3	7.2	9.1	10.5	13.9	15.6	16.2	27.2
Ludza N 56.5, E 27.7	Az	163.0	166.5	170.1	175.5	179.4	185.0	190.2	194.0	197.5	200.9	204.4	206.9	213.3	216.5	217.6	242.2
	EI	24.4	24.9	25.2	25.6	25.7	25.6	25.2	24.8	24.4	23.8	23.1	22.5	20.8	19.8	19.5	8.6
	Sk	-9.3	-7.4	-5.5	4.5	6.7	9.8	12.6	7.6	9.5	11.4	13.2	14.4	17.6	19.2	19.7	29.2
Madona N 56.9, E 26.1	Az	161.2	164.7	168.2	173.6	177.5	183.1	188.2	192.0	195.5	199.0	202.5	205.0	211.4	214.7	215.8	240.6
	EI	23.7	24.2	24.6	25.1	25.2	25.2	25.0	24.6	24.2	23.7	23.1	22.6	21.0	20.0	19.7	9.1
	Sk	-10.1	-8.3	-6.4	3.5	5.6	8.7	11.5	6.5	8.4	10.3	12.0	13.3	16.5	18.1	18.6	28.4
Plavinas N 56.6, E 25.8	Az	160.8	164.3	167.8	173.2	177.1	182.8	187.9	191.7	195.2	198.7	202.2	204.7	211.2	214.5	215.5	240.4
	EI	24.0	24.5	24.9	25.4	25.5	25.5	25.3	25.0	24.6	24.0	23.4	22.9	21.3	20.4	20.1	9.4
	Sk	-10.4	-8.6	-6.7	3.3	5.4	8.5	11.3	6.4	8.3	10.2	12.0	13.3	16.6	18.1	18.7	28.6
Priekule N 57.5, E 21.8	Az	156.4	159.9	163.3	168.5	172.4	178.0	183.1	186.9	190.4	193.9	197.4	199.9	206.5	209.8	210.9	236.4
	EI	22.2	22.9	23.4	24.0	24.4	24.6	24.6	24.4	24.1	23.8	23.3	22.9	21.6	20.8	20.5	10.9
	Sk	-12.4	-10.7	-8.9	0.9	2.9	5.9	8.7	3.7	5.6	7.4	9.2	10.6	13.9	15.5	16.0	26.6
Rezekne N 56.5, E 27.3	Az	162.5	166.1	169.6	175.0	178.9	184.6	189.7	193.5	197.0	200.5	203.9	206.4	212.9	216.1	217.2	241.8
	EI	24.4	24.8	25.2	25.6	25.7	25.6	25.3	24.9	24.4	23.9	23.2	22.6	21.0	20.0	19.6	8.8
	Sk	-9.5	-7.6	-5.7	4.2	6.4	9.5	12.3	7.4	9.3	11.1	12.9	14.2	17.4	19.0	19.5	29.1
Rīga N 56.9, E 24.1	Az	158.9	162.4	165.9	171.2	175.1	180.7	185.8	189.6	193.2	196.7	200.2	202.7	209.2	212.5	213.6	238.8
	EI	23.3	23.9	24.4	24.9	25.1	25.2	25.1	24.8	24.5	24.0	23.5	23.0	21.6	20.7	20.4	10.1
	Sk	-11.3	-9.5	-7.7	2.2	4.3	7.4	10.2	5.3	7.2	9.0	10.9	12.2	15.5	17.1	17.6	27.8
Rucava N 56.2, E 21.2	Az	155.4	158.9	162.4	167.7	171.6	177.2	182.4	186.3	189.8	193.4	196.9	199.5	206.2	209.5	210.6	236.3
	EI	23.4	24.0	24.6	25.3	25.7	26.0	26.0	25.8	25.6	25.2	24.7	24.3	23.0	22.2	21.9	11.9
	Sk	-13.4	-11.6	-9.7	0.2	2.3	5.5	8.3	3.5	5.5	7.4	9.3	10.7	14.2	15.9	16.5	27.6
Saldus N 56.6, E 22.5	Az	157.0	160.5	164.0	169.3	173.2	178.8	184.0	187.8	191.3	194.9	198.4	200.9	207.5	210.9	212.0	237.4
	EI	23.3	23.9	24.5	25.1	25.4	25.6	25.5	25.3	25.0	24.6	24.1	23.7	22.3	21.4	21.1	11.0
	Sk	-12.4	-10.6	-8.8	1.1	3.3	6.3	9.2	4.3	6.2	8.1	10.0	11.3	14.7	16.4	16.9	27.6
Sigulda N 57.2, E 24.9	Az	159.9	163.4	166.9	172.2	176.1	181.7	186.8	190.6	194.1	197.6	201.0	203.5	210.0	213.3	214.4	239.4
	EI	23.2	23.7	24.2	24.7	24.9	24.9	24.7	24.4	24.1	23.6	23.0	22.6	21.1	20.2	19.8	9.6
	Sk	-10.7	-8.9	-7.1	2.8	4.9	7.9	10.7	5.7	7.6	9.4	11.2	12.5	15.7	17.3	17.8	27.8
Tukums N 57.0, E 23.2	Az	157.9	161.4	164.8	170.1	174.0	179.6	184.8	188.6	192.1	195.6	199.1	201.6	208.2	211.5	212.6	237.9
	EI	23.0	23.6	24.2	24.7	25.0	25.1	25.0	24.8	24.5	24.1	23.6	23.1	21.7	20.9	20.5	10.5
	Sk	-11.8	-10.0	-8.2	1.6	3.8	6.8	9.6	4.7	6.6	8.4	10.3	11.6	14.9	16.5	17.1	27.5
Valmiera N 57.6, E 25.5	Az	160.7	164.1	167.6	172.9	176.8	182.4	187.5	191.2	194.7	198.2	201.6	204.1	210.6	213.8	214.9	239.9
	EI	22.9	23.4	23.8	24.3	24.4	24.5	24.3	24.0	23.6	23.1	22.5	22.0	20.5	19.6	19.3	9.1
	Sk	-10.2	-8.4	-6.6	3.2	5.3	8.3	11.0	6.0	7.8	9.6	11.4	12.6	15.8	17.4	17.9	27.6
Ventspils N 57.4, E 21.5	Az	156.1	159.5	162.9	168.2	172.1	177.6	182.7	186.5	190.1	193.6	197.1	199.6	206.2	209.5	210.6	236.2
	EI	22.3	22.9	23.5	24.1	24.4	24.7	24.7	24.5	24.3	23.9	23.5	23.1	21.8	21.0	20.7	11.1
	Sk	-12.6	-10.9	-9.1	0.7	2.7	5.7	8.5	3.5	5.4	7.3	9.1	10.4	13.8	15.4	15.9	26.6