

Italy

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
Ancona N 43.6, E 13.5	Az	141.8	145.3	149.0	154.8	159.2	165.7	171.8	176.4	180.7	185.1	189.4	192.5	200.6	204.6	205.9	234.0
	EI	32.2	33.6	34.9	36.6	37.6	38.7	39.4	39.7	39.7	39.6	39.3	39.0	37.6	36.7	36.4	23.7
	Sk	-26.6	-24.3	-21.9	-11.0	-7.9	-3.3	1.1	-2.6	0.5	3.7	6.8	9.0	14.7	17.5	18.4	35.9
Arezzo N 43.5, E 11.8	Az	139.8	143.3	146.9	152.5	156.9	163.3	169.3	173.9	178.3	182.6	187.0	190.1	198.3	202.4	203.7	232.4
	EI	31.4	32.9	34.2	36.1	37.2	38.5	39.3	39.7	39.8	39.8	39.6	39.3	38.2	37.4	37.1	24.8
	Sk	-27.9	-25.7	-23.4	-12.6	-9.6	-5.1	-0.7	-4.4	-1.3	1.9	5.0	7.3	13.1	16.0	16.9	35.1
Asciano N 43.2, E 11.5	Az	139.3	142.8	146.4	152.0	156.3	162.8	168.8	173.4	177.8	182.2	186.6	189.7	197.9	202.1	203.4	232.3
	EI	31.5	33.0	34.4	36.2	37.4	38.7	39.6	40.0	40.1	40.1	40.0	39.7	38.6	37.8	37.4	25.2
	Sk	-28.4	-26.2	-23.8	-13.0	-10.0	-5.5	-1.1	-4.8	-1.6	1.6	4.8	7.1	13.0	15.9	16.8	35.2
Ascoli Piceno N 42.9, E 13.6	Az	141.5	145.1	148.8	154.6	159.1	165.6	171.8	176.5	180.9	185.3	189.7	192.8	200.9	205.0	206.3	234.4
	EI	32.8	34.3	35.6	37.3	38.3	39.5	40.2	40.4	40.5	40.4	40.0	39.7	38.3	37.4	37.0	24.1
	Sk	-27.1	-24.8	-22.3	-11.3	-8.2	-3.5	1.0	-2.6	0.7	3.9	7.1	9.4	15.2	18.0	18.9	36.6
Ascoli Satriano N 41.2, E 15.5	Az	142.9	146.6	150.4	156.5	161.1	168.0	174.4	179.2	183.8	188.3	192.8	196.0	204.2	208.3	209.6	237.1
	EI	35.2	36.7	38.0	39.6	40.6	41.7	42.2	42.4	42.3	42.1	41.6	41.1	39.5	38.4	38.0	23.9
	Sk	-27.0	-24.5	-21.8	-10.5	-7.1	-2.0	2.8	-0.6	2.9	6.3	9.6	12.0	18.0	20.9	21.8	39.2
Bari N 41.1, E 16.9	Az	144.5	148.3	152.2	158.4	163.1	170.0	176.5	181.4	185.9	190.4	194.9	198.1	206.2	210.2	211.5	238.4
	EI	36.0	37.4	38.6	40.2	41.1	42.0	42.4	42.5	42.3	42.0	41.4	40.9	39.1	37.9	37.5	23.0
	Sk	-25.9	-23.3	-20.6	-9.1	-5.7	-0.5	4.4	1.0	4.5	7.8	11.2	13.5	19.4	22.2	23.2	39.9
Barletta N 41.3, E 16.3	Az	143.9	147.6	151.5	157.6	162.3	169.2	175.6	180.5	185.0	189.5	193.9	197.1	205.3	209.3	210.6	237.8
	EI	35.5	36.9	38.2	39.8	40.7	41.7	42.2	42.3	42.2	41.8	41.3	40.8	39.1	38.0	37.5	23.3
	Sk	-26.3	-23.7	-21.0	-9.6	-6.2	-1.1	3.7	0.3	3.8	7.1	10.4	12.8	18.7	21.6	22.5	39.5
Bergamo N 45.7, E 9.7	Az	138.6	141.9	145.4	150.8	154.9	161.1	166.8	171.2	175.4	179.6	183.8	186.8	194.8	198.8	200.1	229.2
	EI	28.6	30.0	31.3	33.2	34.3	35.7	36.6	37.0	37.3	37.4	37.3	37.2	36.3	35.7	35.4	24.6
	Sk	-27.5	-25.5	-23.4	-12.9	-10.2	-6.1	-2.2	-6.1	-3.2	-0.3	2.6	4.8	10.3	13.0	13.9	31.9
Bologna N 44.5, E 11.3	Az	139.7	143.2	146.7	152.3	156.6	162.9	168.8	173.3	177.6	181.9	186.1	189.2	197.3	201.3	202.7	231.4
	EI	30.3	31.8	33.1	34.9	36.0	37.3	38.1	38.5	38.7	38.7	38.5	38.3	37.3	36.5	36.2	24.5
	Sk	-27.5	-25.3	-23.0	-12.4	-9.5	-5.1	-1.0	-4.8	-1.7	1.3	4.4	6.6	12.2	15.0	15.9	33.9
Bolzano (Bozen) N 46.5, E 11.3	Az	140.7	144.1	147.6	153.1	157.3	163.4	169.2	173.5	177.7	181.8	185.9	188.9	196.7	200.7	202.0	230.5
	EI	28.7	30.0	31.3	33.0	34.0	35.2	36.0	36.3	36.5	36.5	36.4	36.1	35.2	34.4	34.2	23.1
	Sk	-25.9	-23.8	-21.6	-11.1	-8.4	-4.3	-0.4	-4.5	-1.6	1.2	4.1	6.1	11.4	14.1	14.9	32.1
Brescia N 45.5, E 10.3	Az	139.1	142.5	146.0	151.5	155.6	161.8	167.6	172.0	176.2	180.4	184.6	187.7	195.7	199.7	201.0	229.9
	EI	29.0	30.4	31.8	33.6	34.7	36.0	36.9	37.3	37.6	37.6	37.5	37.3	36.4	35.7	35.5	24.4
	Sk	-27.3	-25.3	-23.1	-12.6	-9.8	-5.7	-1.6	-5.6	-2.7	0.3	3.2	5.4	10.9	13.6	14.5	32.4

Cagliari N 39.3, E 9.1	Az	134.4	137.8	141.3	147.0	151.3	157.9	164.3	169.2	173.9	178.6	183.3	186.8	195.7	200.2	201.6	232.1
	EI	33.3	35.0	36.7	38.9	40.4	42.1	43.3	43.9	44.3	44.5	44.5	44.3	43.3	42.5	42.2	29.3
	Sk	-33.6	-31.3	-28.9	-18.0	-14.8	-9.9	-5.1	-8.4	-4.8	-1.1	2.6	5.2	12.1	15.5	16.6	37.6
Carpi N 44.8, E 10.9	Az	139.4	142.9	146.4	151.9	156.2	162.4	168.3	172.8	177.0	181.3	185.5	188.6	196.7	200.7	202.0	230.9
	EI	29.9	31.3	32.7	34.5	35.6	36.9	37.7	38.1	38.4	38.4	38.2	38.0	37.0	36.3	36.0	24.5
	Sk	-27.5	-25.4	-23.1	-12.5	-9.7	-5.4	-1.3	-5.1	-2.1	0.9	3.9	6.1	11.7	14.5	15.4	33.4
Carrara N 44.1, E 10.1	Az	138.2	141.6	145.1	150.6	154.8	161.1	167.0	171.6	175.8	180.1	184.5	187.6	195.7	199.9	201.2	230.4
	EI	30.0	31.6	33.0	34.8	36.0	37.4	38.4	38.8	39.1	39.2	39.1	38.9	38.0	37.2	37.0	25.5
	Sk	-28.6	-26.5	-24.3	-13.6	-10.8	-6.5	-2.3	-6.1	-3.0	0.1	3.2	5.4	11.2	14.1	15.1	33.6
Catania N 37.5, E 15.1	Az	140.2	144.0	147.9	154.2	159.1	166.4	173.3	178.5	183.5	188.3	193.2	196.6	205.4	209.6	211.0	238.8
	EI	38.2	39.8	41.3	43.2	44.4	45.6	46.3	46.5	46.5	46.2	45.7	45.2	43.4	42.1	41.7	26.3
	Sk	-30.5	-27.8	-24.9	-13.2	-9.5	-3.8	1.7	-1.2	2.7	6.6	10.4	13.1	19.9	23.1	24.1	42.7
Catanzaro N 38.9, E 16.6	Az	142.9	146.7	150.7	157.0	161.9	169.1	175.9	181.0	185.7	190.4	195.1	198.4	206.8	210.9	212.2	239.3
	EI	37.8	39.3	40.6	42.4	43.4	44.4	44.9	45.0	44.8	44.4	43.9	43.3	41.4	40.1	39.7	24.4
	Sk	-28.0	-25.3	-22.4	-10.7	-7.0	-1.5	3.8	0.7	4.5	8.1	11.7	14.2	20.5	23.6	24.5	42.0
Cesaro N 37.8, E 14.6	Az	139.8	143.5	147.4	153.6	158.5	165.7	172.5	177.7	182.6	187.5	192.3	195.7	204.5	208.8	210.2	238.1
	EI	37.7	39.3	40.8	42.7	43.9	45.2	45.9	46.2	46.2	45.9	45.5	45.0	43.2	42.0	41.6	26.5
	Sk	-30.7	-28.0	-25.2	-13.5	-9.9	-4.3	1.1	-1.8	2.1	5.9	9.7	12.4	19.1	22.4	23.4	42.2
Cesena N 44.2, E 12.2	Az	140.6	144.1	147.7	153.3	157.6	164.0	170.0	174.6	178.9	183.2	187.4	190.6	198.6	202.6	203.9	232.4
	EI	31.0	32.5	33.8	35.5	36.6	37.8	38.6	38.9	39.1	39.0	38.8	38.5	37.4	36.5	36.2	24.1
	Sk	-27.1	-24.9	-22.5	-11.8	-8.8	-4.4	-0.1	-3.9	-0.8	2.3	5.3	7.5	13.2	16.0	16.9	34.6
Cosenza N 39.3, E 16.2	Az	142.7	146.4	150.4	156.6	161.5	168.6	175.3	180.3	185.0	189.7	194.3	197.7	206.1	210.2	211.5	238.7
	EI	37.3	38.7	40.1	41.8	42.8	43.9	44.4	44.5	44.4	44.1	43.5	43.0	41.1	39.9	39.5	24.5
	Sk	-28.0	-25.3	-22.5	-10.9	-7.3	-1.8	3.3	0.2	3.9	7.5	11.1	13.6	19.9	22.9	23.8	41.4
Ferrara N 44.8, E 11.6	Az	140.2	143.7	147.2	152.8	157.1	163.4	169.3	173.8	178.0	182.3	186.5	189.6	197.6	201.6	202.9	231.6
	EI	30.2	31.7	33.0	34.7	35.8	37.0	37.8	38.2	38.4	38.4	38.2	37.9	36.9	36.1	35.8	24.1
	Sk	-27.0	-24.9	-22.6	-11.9	-9.1	-4.7	-0.6	-4.4	-1.4	1.6	4.6	6.8	12.4	15.2	16.1	33.8
Firenze (Firenz) N 43.8, E 11.3	Az	139.4	142.8	146.4	152.0	156.3	162.7	168.7	173.2	177.5	181.9	186.2	189.4	197.5	201.6	202.9	231.8
	EI	30.9	32.4	33.8	35.6	36.7	38.0	38.9	39.3	39.5	39.5	39.3	39.1	38.0	37.2	36.9	25.0
	Sk	-28.0	-25.9	-23.6	-12.8	-9.9	-5.4	-1.2	-4.9	-1.8	1.4	4.5	6.7	12.5	15.4	16.3	34.5
Genova (Genua) N 44.4, E 8.9	Az	137.0	140.4	143.8	149.3	153.4	159.6	165.4	169.9	174.2	178.4	182.7	185.9	194.0	198.1	199.5	229.1
	EI	29.2	30.7	32.1	34.1	35.3	36.8	37.8	38.3	38.7	38.8	38.8	38.7	37.9	37.2	37.0	26.0
	Sk	-29.2	-27.1	-25.0	-14.4	-11.7	-7.4	-3.4	-7.2	-4.2	-1.1	1.9	4.2	10.0	12.8	13.8	32.7
La Spezia N 44.1, E 9.8	Az	137.9	141.2	144.7	150.2	154.5	160.7	166.6	171.1	175.4	179.7	184.0	187.2	195.3	199.4	200.8	230.1
	EI	29.9	31.4	32.8	34.7	35.9	37.3	38.3	38.8	39.1	39.2	39.1	38.9	38.0	37.3	37.0	25.7
	Sk	-28.8	-26.7	-24.5	-13.9	-11.0	-6.7	-2.6	-6.4	-3.3	-0.2	2.9	5.1	10.9	13.8	14.8	33.5
Lecce N 40.3, E 18.2	Az	145.7	149.6	153.6	159.9	164.8	171.8	178.5	183.4	188.0	192.6	197.0	200.2	208.3	212.3	213.5	240.0
	EI	37.3	38.7	39.9	41.4	42.3	43.1	43.4	43.3	43.1	42.6	42.0	41.4	39.4	38.1	37.6	22.5
	Sk	-25.5	-22.7	-19.8	-8.2	-4.6	0.8	5.8	2.6	6.1	9.6	12.9	15.3	21.2	24.0	24.9	41.3

Livorno N 43.5, E 10.3	Az	138.1	141.5	145.0	150.6	154.9	161.2	167.2	171.8	176.1	180.4	184.8	188.0	196.2	200.3	201.7	230.9
	EI	30.6	32.2	33.6	35.5	36.7	38.1	39.0	39.5	39.8	39.8	39.7	39.5	38.6	37.8	37.5	25.8
	Sk	-29.0	-26.8	-24.6	-13.9	-11.0	-6.5	-2.3	-6.0	-2.8	0.3	3.5	5.8	11.7	14.6	15.5	34.3
Milano (Mailand) N 45.5, E 9.2	Az	137.9	141.2	144.7	150.1	154.2	160.3	166.1	170.5	174.7	178.9	183.1	186.2	194.2	198.2	199.5	228.8
	EI	28.5	29.9	31.3	33.2	34.3	35.7	36.7	37.2	37.5	37.6	37.6	37.4	36.7	36.0	35.8	25.0
	Sk	-28.0	-26.0	-23.9	-13.5	-10.7	-6.6	-2.7	-6.6	-3.7	-0.8	2.2	4.3	9.9	12.7	13.6	31.8
Napoli (Neapel) N 40.8, E 14.3	Az	141.2	144.9	148.7	154.7	159.3	166.1	172.5	177.4	182.0	186.6	191.1	194.4	202.7	206.9	208.2	236.2
	EI	35.0	36.5	37.8	39.6	40.7	41.9	42.6	42.8	42.8	42.6	42.2	41.8	40.3	39.2	38.8	24.9
	Sk	-28.3	-25.8	-23.2	-11.9	-8.6	-3.5	1.4	-2.0	1.5	5.0	8.4	10.8	17.0	20.0	21.0	39.0
Padova N 45.3, E 11.6	Az	140.5	143.9	147.5	153.0	157.3	163.5	169.4	173.8	178.0	182.3	186.5	189.5	197.5	201.5	202.8	231.3
	EI	29.8	31.2	32.5	34.2	35.3	36.5	37.3	37.7	37.8	37.8	37.6	37.4	36.4	35.6	35.3	23.8
	Sk	-26.6	-24.5	-22.2	-11.6	-8.8	-4.5	-0.5	-4.3	-1.4	1.6	4.5	6.7	12.2	14.9	15.8	33.3
Palermo N 38.1, E 13.4	Az	138.5	142.2	146.0	152.1	156.8	163.9	170.7	175.8	180.7	185.5	190.3	193.8	202.6	206.9	208.3	236.9
	EI	36.7	38.4	39.9	42.0	43.2	44.6	45.4	45.8	45.9	45.7	45.3	44.9	43.3	42.2	41.8	27.1
	Sk	-31.4	-28.9	-26.1	-14.6	-11.0	-5.6	-0.3	-3.3	0.5	4.3	8.1	10.8	17.6	20.9	21.9	41.2
Parma N 44.8, E 10.3	Az	138.8	142.2	145.7	151.2	155.4	161.6	167.5	171.9	176.2	180.4	184.7	187.8	195.8	199.9	201.2	230.3
	EI	29.6	31.0	32.4	34.2	35.4	36.7	37.6	38.1	38.3	38.4	38.3	38.1	37.2	36.5	36.2	24.9
	Sk	-27.9	-25.8	-23.6	-13.0	-10.2	-6.0	-1.9	-5.7	-2.7	0.3	3.3	5.5	11.2	14.0	14.9	33.1
Pavia N 45.2, E 9.2	Az	137.8	141.1	144.6	150.0	154.1	160.2	166.0	170.5	174.7	178.9	183.1	186.2	194.2	198.3	199.6	229.0
	EI	28.7	30.2	31.6	33.4	34.6	36.0	37.0	37.5	37.8	37.9	37.9	37.8	37.0	36.3	36.1	25.2
	Sk	-28.3	-26.3	-24.1	-13.7	-10.9	-6.8	-2.8	-6.7	-3.8	-0.8	2.2	4.4	10.0	12.8	13.7	32.1
Pesaro N 43.9, E 12.9	Az	141.3	144.8	148.4	154.1	158.5	164.9	171.0	175.5	179.9	184.2	188.5	191.6	199.6	203.7	205.0	233.3
	EI	31.6	33.0	34.3	36.1	37.1	38.3	39.0	39.3	39.4	39.3	39.0	38.7	37.5	36.6	36.3	23.9
	Sk	-26.8	-24.6	-22.2	-11.3	-8.3	-3.8	0.5	-3.2	-0.1	3.0	6.1	8.3	14.0	16.8	17.7	35.3
Pescara N 42.5, E 14.2	Az	142.0	145.6	149.4	155.3	159.7	166.4	172.6	177.3	181.8	186.2	190.6	193.8	201.9	206.0	207.3	235.2
	EI	33.5	34.9	36.2	37.9	38.9	40.0	40.7	40.9	40.9	40.8	40.4	40.0	38.6	37.6	37.2	24.0
	Sk	-27.0	-24.6	-22.1	-11.0	-7.8	-3.0	1.6	-2.0	1.3	4.6	7.8	10.1	16.0	18.8	19.7	37.3
Piacenza N 45.0, E 9.6	Az	138.1	141.5	144.9	150.4	154.6	160.7	166.6	171.0	175.2	179.4	183.7	186.8	194.8	198.9	200.2	229.5
	EI	29.1	30.5	31.9	33.8	35.0	36.4	37.3	37.8	38.1	38.2	38.1	38.0	37.1	36.4	36.2	25.1
	Sk	-28.2	-26.2	-24.0	-13.5	-10.7	-6.5	-2.5	-6.4	-3.4	-0.4	2.6	4.8	10.4	13.2	14.2	32.5
Pisa N 43.7, E 10.4	Az	138.3	141.7	145.3	150.8	155.1	161.4	167.4	171.9	176.2	180.6	184.9	188.1	196.3	200.4	201.7	230.9
	EI	30.5	32.0	33.4	35.3	36.5	37.9	38.8	39.3	39.5	39.6	39.5	39.3	38.3	37.6	37.3	25.6
	Sk	-28.7	-26.6	-24.3	-13.6	-10.7	-6.3	-2.1	-5.8	-2.7	0.4	3.6	5.8	11.7	14.6	15.5	34.2
Roma (Rom) N 41.9, E 12.5	Az	139.7	143.3	146.9	152.7	157.2	163.8	170.0	174.8	179.3	183.7	188.2	191.5	199.8	203.9	205.3	233.9
	EI	33.1	34.6	36.0	37.9	39.0	40.3	41.1	41.5	41.6	41.5	41.3	41.0	39.7	38.8	38.4	25.4
	Sk	-28.8	-26.4	-24.0	-12.9	-9.8	-5.0	-0.4	-3.9	-0.6	2.8	6.1	8.5	14.6	17.6	18.5	37.0
Taranto N 40.5, E 17.2	Az	144.6	148.4	152.3	158.6	163.3	170.4	176.9	181.9	186.5	191.0	195.5	198.7	206.9	210.9	212.1	239.0
	EI	36.7	38.1	39.3	40.9	41.8	42.7	43.1	43.2	43.0	42.6	42.0	41.5	39.6	38.3	37.9	23.1
	Sk	-26.2	-23.5	-20.7	-9.1	-5.6	-0.3	4.7	1.4	4.9	8.4	11.7	14.1	20.1	23.0	23.9	40.7

Torino (Turin) N 45.1, E 7.7	Az	136.1	139.4	142.8	148.1	152.2	158.2	164.0	168.4	172.5	176.8	181.0	184.1	192.2	196.3	197.7	227.5
	EI	28.0	29.5	31.0	32.9	34.2	35.7	36.8	37.4	37.8	38.0	38.1	38.0	37.3	36.8	36.5	26.2
	Sk	-29.3	-27.4	-25.3	-14.9	-12.2	-8.2	-4.2	-8.2	-5.3	-2.3	0.7	2.9	8.6	11.4	12.4	31.4
Trento (Trient) N 46.1, E 11.1	Az	140.3	143.7	147.2	152.7	156.9	163.0	168.8	173.2	177.4	181.5	185.7	188.7	196.6	200.5	201.8	230.4
	EI	28.9	30.3	31.6	33.3	34.3	35.6	36.4	36.7	36.9	37.0	36.8	36.6	35.6	34.9	34.6	23.5
	Sk	-26.3	-24.2	-22.1	-11.5	-8.8	-4.7	-0.7	-4.7	-1.8	1.1	3.9	6.0	11.4	14.1	14.9	32.3
Trieste N 45.6, E 13.7	Az	143.0	146.5	150.1	155.8	160.1	166.4	172.3	176.8	181.0	185.2	189.3	192.4	200.2	204.1	205.4	233.2
	EI	30.5	31.9	33.1	34.6	35.6	36.6	37.2	37.5	37.5	37.4	37.1	36.8	35.5	34.7	34.3	22.3
	Sk	-24.9	-22.7	-20.4	-9.7	-6.8	-2.5	1.6	-2.3	0.7	3.6	6.5	8.6	14.0	16.6	17.4	34.1
Venezia (Venedig) N 45.4, E 12.3	Az	141.3	144.8	148.4	153.9	158.2	164.5	170.4	174.8	179.0	183.2	187.4	190.5	198.4	202.3	203.6	232.0
	EI	30.1	31.4	32.7	34.4	35.4	36.6	37.3	37.6	37.7	37.7	37.5	37.2	36.1	35.3	35.0	23.3
	Sk	-26.0	-23.9	-21.6	-11.0	-8.1	-3.8	0.2	-3.6	-0.7	2.3	5.2	7.3	12.8	15.5	16.3	33.6
Verona N 45.3, E 11.0	Az	139.8	143.2	146.7	152.3	156.5	162.7	168.5	173.0	177.2	181.4	185.6	188.7	196.7	200.7	202.0	230.7
	EI	29.5	30.9	32.3	34.0	35.1	36.4	37.2	37.6	37.8	37.8	37.7	37.5	36.5	35.8	35.5	24.1
	Sk	-27.0	-24.9	-22.7	-12.1	-9.3	-5.1	-1.0	-4.9	-2.0	1.0	4.0	6.1	11.6	14.4	15.3	33.0