

Azimuth-Elevation Report

10/30/2013

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Earth Station Site	STERLING, VA
Licensee Name	N/A
Latitude (NAD 83)	38-58-57.0 N
Longitude (NAD 83)	77-26-15.0 W
Ground Elevation (AMSL)	85.29 m / 279.8 ft
Antenna Centerline (AGL)	6.10 m / 20.0 ft
Satellite Arc	60.0° West to 143.0° West Longitude

Satellite Longitude (° W)	Azimuth (°)	Elevation (°)	Satellite Name
60.0	153.5	41.4	
61.0	154.9	41.7	AMAZONAS
62.0	156.3	42.1	
63.0	157.7	42.4	
64.0	159.2	42.7	
65.0	160.7	43.0	BRAZILSAT B2
66.0	162.2	43.3	
67.0	163.7	43.6	
68.0	165.2	43.8	
69.0	166.7	44.0	
70.0	168.3	44.2	BRAZILSAT B1
71.0	169.8	44.4	
72.0	171.4	44.5	AMC 6
73.0	173.0	44.6	
74.0	174.5	44.7	
75.0	176.1	44.8	
76.0	177.7	44.8	
77.0	179.3	44.9	
78.0	180.9	44.9	
78.5	181.7	44.9	BRAZILSAT B4
79.0	182.5	44.8	
80.0	184.1	44.8	
81.0	185.6	44.7	
82.0	187.2	44.6	
83.0	188.8	44.5	
84.0	190.4	44.3	BRAZILSAT B3
85.0	191.9	44.2	
85.1	192.1	44.2	XM 3
86.0	193.5	44.0	
87.0	195.0	43.8	AMC 3
88.0	196.5	43.5	
89.0	198.0	43.3	GALAXY 28
90.0	199.5	43.0	
91.0	201.0	42.7	GALAXY 11
92.0	202.4	42.4	
93.0	203.9	42.0	GALAXY 26
94.0	205.3	41.7	
95.0	206.7	41.3	GALAXY 3C
96.0	208.1	40.9	
97.0	209.5	40.5	GALAXY 25
98.0	210.8	40.1	
99.0	212.1	39.6	GALAXY 16
99.2	212.4	39.5	SPACEWAY 2
100.0	213.4	39.1	
101.0	214.7	38.7	AMC 4
101.1	214.9	38.6	DIRECTV 95
102.0	216.0	38.2	
102.8	217.0	37.8	SPACEWAY 1
103.0	217.2	37.7	AMC 1

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Satellite Longitude (° W)	Azimuth (°)	Elevation (°)	Satellite Name
104.0	218.5	37.1	
105.0	219.7	36.6	AMC 18
106.0	220.9	36.0	
107.0	222.0	35.5	
107.3	222.4	35.3	ANIK F1
107.3	222.4	35.3	ANIK F1R
108.0	223.2	34.9	
109.0	224.3	34.3	WILDBLUE 1
110.0	225.4	33.7	
111.0	226.5	33.1	
111.1	226.6	33.0	ANIK F2
112.0	227.6	32.5	
113.0	228.7	31.8	SATMEX 6
114.0	229.7	31.2	
114.9	230.6	30.6	SOLIDARIDAD
115.0	230.7	30.6	XM 4
116.0	231.7	29.9	
116.8	232.5	29.4	SATMEX 5
117.0	232.7	29.2	
118.0	233.7	28.6	
119.0	234.6	27.9	
120.0	235.6	27.2	
121.0	236.5	26.5	GALAXY 23
121.0	236.5	26.5	ECHOSTAR 9
122.0	237.4	25.8	
123.0	238.3	25.1	GALAXY 10R
124.0	239.2	24.4	
125.0	240.1	23.7	GALAXY 14
126.0	241.0	23.0	
127.0	241.8	22.2	GALAXY 13
127.0	241.8	22.2	HORIZONS 1
128.0	242.6	21.5	
129.0	243.5	20.8	GALAXY 27
130.0	244.3	20.0	
131.0	245.1	19.3	AMC 11
132.0	245.9	18.5	
133.0	246.7	17.8	GALAXY 15
134.0	247.4	17.0	
135.0	248.2	16.3	AMC 10
136.0	249.0	15.5	
137.0	249.7	14.8	AMC 7
138.0	250.5	14.0	
139.0	251.2	13.3	AMC 8
140.0	251.9	12.5	
141.0	252.6	11.7	
142.0	253.3	11.0	
143.0	254.0	10.2	