

KU

EXPRESS a3 11° cku (Russian) Beacon 11400	11.6°
Atlantic bird 1 12.5° ku feeds from Europe Israel to conus sml dig carrier 11646h	12.7° Access +331 45 57 06 66 Rx lo freq 10000
Express a4 14.° cku 11517v sym 1500 2/3 ICTIMAI TV	14.3°
Telestar-12 15° ku west Spain Italy & So Africa Europe conus 11723h 3.2sym ¾ ch10 12963h 14.714sym 3/4 From G11 dwn 25.4° deg east 91deg	14.5° Access 570-226-6622
Is 901 18° cku Hoz Only NE conus Europe So Amer Africa (not in NY)	16.7°
NSS7 cku 22° Hoz Only SMALL SPIKES LEFT	21.4°
<small>Intelsat 905 24.5° Not seen Intelsat 907 27.5° Not seen</small>	
Hispasat 1C ku 30° 12032h ¾ sym 27.5v	25.1°
Hispasat 1D 30° not seen in NY	
<small>Intelsat 801 31.5° West Indies Europe Not seen Intelsat 903 Not seen NSS 10 & Telstar 11N 37.5° 29.8°elv (NSS806 c-ku 40.5°w)</small>	
Is 3r 43° c-ku & Is 11 ku DSS 12050h 23.7sym ¾ mcpc 4ch UTR/TV4 11998v 1.563sym 3/4	33.2°
Is 1R 45° c-ku 11629h sym 2.207 ½ canal 36	34.3°
<small>Intelsat 705 50° C active 12/06 37.2° Intelsat 707 53° C-Ku Southern US only 38.5° Intelsat 805 55.5 C 39.5°</small>	
Is 9 & 16 58° cku US & Europe (uplinks avail 13800 to 13900) 11612H Sym3.670 Fec ¾	40.1°
Amazonas 1 & 2 61.° C-KU only 2 ku transponders seen in US	
Echo star5 12 61.5° ku cliff dish networks Right circular Fec3/4 Sym 20	41.1°
Telstar 14 63° ku only some occasional looking at US	41.5°

Western Arc from New York ↓

AMC 6 72° cku (& Nahuel 1 71.8° cliff inclined) 12053v (1303 if) 5/6fec 6.89 mcpc cnbc-msnbc GBN 12144v (1394) ¾ Sym 2.573	43.°	800-772-2363 NBC Access201-583-5300
Direct TV 1R 72.5° 12239 L 2000 6/7 Cliff		
Horiz 2 74° west ku	43.°	PanAm Sat 800-321-3959 Atlanta CNN Bridge 404-827-5200 49.2°
Echo 8 76.8° CLIFF	42.0°	
AMC 5 79.° ku inclined	42.5°	SES 800-772-2363 Houston 51°
AMC 2 79.8° 11904H (1150) ¾ 2.17 sym ktel		
Nimiq 4 82° deg cliff Canadian DSS	42.1°	
AMC 9 83° ku degrees Hughes net internet feed 12140v 30. 7/8	42.°	GE 800-255-6122 Miami Fl 59.5°
AMC 16 85° ku 12183 h ECHO Star test card ¾ 5.5 data		41.5°
AMC 3 87° cku MTA 11736v (0986) ¾ sym 8.333 PBS 12140v 3000 3/4HD 11720v 2 spikes rotate	40.9°	GE 321-952-4223 Colombus 43.6

Galx 28 89° cku abc news 11955v Data 27. fec 3/4 40.2°	Access 800-631-3562	Wash.D.C. 48.2
Galx 17 91° cku (Cliff via Nimiq 1 DSS)	39.5° Access 800-321-3959 ABC 866-727-7641	Trenton 40.5
Galx-25 93° cku 11890 h encrypted cnn sym 30. ¾ 12210 V spike	38.6° Access 800-631-3562	Tampa Fl 55.3 °
Galx 3C 95° cku11780h Sym 20.760 Fec ¾ CCTV	37.8° PanAmSat 800.321.3959 so carlonia	47.7 ° Columbia
Galx-19 97° cku (if 1427)12177v ¾ 23.00	37.° Access 800.631.3562	Florida 54.0 °
Galaxy 16 cku 99° CBS news 11771v ¾ sym 14.32051	35.9 ° Access 800.631.3562 CBS Bridge 800-975-9638	
SES 1 cku 101° Cliff DSS 12060h 26.7 ¾ hotel net encrypt Sevices Fox, history ch hallmark Bio	35.° Access 800.772.2363	Pittsburg 38.5 °
AMC 1 cku 103° Pentagon 12100V ¾ 20 sym 11880 H 4:2:2 Sym 26.67 Fec 7/8 NBC	34.° Access 800-525-6122	New Orleans 52.3°
AMC 15 105° ku11736h ¾ 20.5 NYN 14278v 14237v 14249v echo star transponders	33.7° Access 800-772-2363 Access ECHO 877 358-2263	Maine 27.5 °
AMC 18 C 105°		
Anik F1R 107.3° cku west 12050v sym19.510 ¾ ch2&3	31.4°	
Echo Star 10,11 110° Cliff	29.8 °	
Anik f2 111.1° cku all encrypted dss	29.1 °	
Satmex 6 113° cku hwazan tv 12080h (1330) ¾ 25.635sym	27.9 °	
Satmex 5 116.8° cku inclined 12175h (1425) ¾ 3.935	25.5°	
Echo 7 118.7° (DSS 5 Echo star 7) anik f3 cliff	23.6°	
Galx 23 121° cku / Echo Star 9 DSS 12016v (1266) Fec ¾ Sym 20. Dish id	22.5°	
Galx 18 123° cku 12135v 2/3 2848 daystar 11855v 5/6 3515 3ctv	21.7° Access 800-321-3959	
AMC 21 125° 12180v ¾ SR 3000 PBS create & world Gal 14 125° c band	19.9° Access 800-772-2363	
Galx 13/Horizons 1 127° cku 12140v ¾ sym 30 internet	18.9°	
Ciel 2 129° cku cliff dish network only	17.4°	