

Satellite Sun Outage Dates and Times for Fall 2019

New York, NY

Service/Program Name	Satellite	Azimuth	Xpdr	First Date	Last Date	Earliest Start STD / DST (if appl)	Longest Duration
@MAX	Galaxy 15	133.0	18	Oct-04	Oct-11	04:57 PM	11:55
@MAX HD	Galaxy 14	125.0	8	Oct-05	Oct-12	04:23 PM	11:55
5 StarMAX	Galaxy 15	133.0	18	Oct-04	Oct-11	04:57 PM	11:55
5StarMAX HD	Galaxy 14	125.0	8	Oct-05	Oct-12	04:23 PM	11:55
A&E	Galaxy 18	123.0	23	Oct-05	Oct-12	04:14 PM	11:55
A&E HD	Galaxy 14	125.0	23	Oct-05	Oct-12	04:23 PM	11:55
ABC Family	Galaxy 14	125.0	11	Oct-05	Oct-12	04:23 PM	11:55
ABC Family HD	Galaxy 14	125.0	7	Oct-05	Oct-12	04:23 PM	11:55
ActionMAX	Galaxy 15	133.0	23	Oct-04	Oct-11	04:57 PM	11:55
ActionMAX HD	Galaxy 15	133.0	19	Oct-04	Oct-11	04:57 PM	11:55
AMC	Galaxy 15	133.0	1	Oct-04	Oct-11	04:57 PM	11:55
AMC HD	Galaxy 14	125.0	2	Oct-05	Oct-12	04:23 PM	11:55
Animal Planet	AMC 10	135.0	14	Oct-04	Oct-11	05:05 PM	11:55
Animal Planet HD	Galaxy 13	127.0	22	Oct-05	Oct-11	04:31 PM	11:55
Antena 3	Galaxy 23	121.0	2	Oct-05	Oct-12	04:06 PM	11:55
Antenna 1 TV (Greek)	SES 3	103.0	10	Oct-05	Oct-12	02:47 PM	11:55
ART America	Galaxy 17	91.0	22	Oct-05	Oct-12	01:53 PM	12:00
Aspire	Galaxy 17	91.0	14	Oct-05	Oct-12	01:53 PM	12:00
BBC America	AMC 11	131.0	5	Oct-04	Oct-11	04:48 PM	11:55
BBC America HD	Galaxy 13	127.0		Oct-05	Oct-11	04:31 PM	11:55
BBC World News	Galaxy 13	127.0	20	Oct-05	Oct-11	04:31 PM	11:55
BeIN Eng	Galaxy 23	121.0	20	Oct-05	Oct-12	04:06 PM	11:55
BeIN Eng HD	Galaxy 23	121.0	21	Oct-05	Oct-12	04:06 PM	11:55
BeIN Spa	Galaxy 23	121.0	12	Oct-05	Oct-12	04:06 PM	11:55
BeIN Spa HD	Galaxy 23	121.0	7	Oct-05	Oct-12	04:06 PM	11:55
BET	Galaxy 14	125.0	6	Oct-05	Oct-12	04:23 PM	11:55
BET HD	Galaxy 14	125.0	9	Oct-05	Oct-12	04:23 PM	11:55
Bio	AMC 11	131.0	16	Oct-04	Oct-11	04:48 PM	11:55
Bio HD	Galaxy 13	127.0	24	Oct-05	Oct-11	04:31 PM	11:55
Blaze	AMC 11	131.0	18	Oct-04	Oct-11	04:48 PM	11:55
Bloomberg TV	AMC 10	135.0	16	Oct-04	Oct-11	05:05 PM	11:55
Bloomberg TV HD	Galaxy 17	91.0	14	Oct-05	Oct-12	01:53 PM	12:00
Boomerang	Galaxy 15	133.0	5	Oct-04	Oct-11	04:57 PM	11:55
Bravo	AMC 11	131.0	8	Oct-04	Oct-11	04:48 PM	11:55
Bravo HD	Galaxy 14	125.0	5	Oct-05	Oct-12	04:23 PM	11:55
BTN HD	Galaxy 17	91.0	5	Oct-05	Oct-12	01:53 PM	12:00
C1R	Galaxy 17	91.0	21	Oct-05	Oct-12	01:53 PM	12:00
Canal Sur	Galaxy 23	121.0	17	Oct-05	Oct-12	04:06 PM	11:55
Caracol TV Internacional	Galaxy 13	127.0	17	Oct-05	Oct-11	04:31 PM	11:55
Caribvision	Galaxy 11	55.5	17	Oct-06	Oct-12	11:13 AM	12:00
Cartoon HD	Galaxy 15	133.0	10	Oct-04	Oct-11	04:57 PM	11:55
Cartoon Net. ESP	Galaxy 14	125.0	15	Oct-05	Oct-12	04:23 PM	11:55
Cartoon Network	Galaxy 14	125.0	11	Oct-05	Oct-12	04:23 PM	11:55
CASA Club TV	Galaxy 17	91.0	20	Oct-05	Oct-12	01:53 PM	12:00
Cbeebies	AMC 10	135.0	24	Oct-04	Oct-11	05:05 PM	11:55
CBS Sports Network	AMC 11	131.0	24	Oct-04	Oct-11	04:48 PM	11:55
CBS Sports Network HD	AMC 11	131.0	5	Oct-04	Oct-11	04:48 PM	11:55
CCTV-4 (Chinese)	Galaxy 17	91.0	23	Oct-05	Oct-12	01:53 PM	12:00
Ceebeebies	AMC 10	135.0	19	Oct-04	Oct-11	05:05 PM	11:55
Cee-TV	Galaxy 11	55.5	23	Oct-06	Oct-12	11:13 AM	12:00
Centric	Galaxy 14	125.0	16	Oct-05	Oct-12	04:23 PM	11:55
Centroamericana	Galaxy 23	121.0	24	Oct-05	Oct-12	04:06 PM	11:55
Channel 1 Russia (C1R)	Galaxy 17	91.0	18	Oct-05	Oct-12	01:53 PM	12:00

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Service/Program Name	Satellite	Azimuth	Xpdr	First Date	Last Date	Earliest Start STD / DST (if appl)	Longest Duration
Chiller	AMC 11	131.0	3	Oct-04	Oct-11	04:48 PM	11:55
Cine Latino	SES 3	103.0	13	Oct-05	Oct-12	02:47 PM	11:55
Cine Mexicano	Galaxy 23	121.0	19	Oct-05	Oct-12	04:06 PM	11:55
Cinemax	Galaxy 15	133.0	5	Oct-04	Oct-11	04:57 PM	11:55
Cinemax HD	Galaxy 15	133.0	16	Oct-04	Oct-11	04:57 PM	11:55
Cinemax West	Galaxy 15	133.0	8	Oct-04	Oct-11	04:57 PM	11:55
Cinemax West HD	Galaxy 15	133.0	5	Oct-04	Oct-11	04:57 PM	11:55
Classic Arts Showcase	Galaxy 17	91.0	18	Oct-05	Oct-12	01:53 PM	12:00
Cloo	Galaxy 15	133.0	21	Oct-04	Oct-11	04:57 PM	11:55
CMT	AMC 11	131.0	7	Oct-04	Oct-11	04:48 PM	11:55
CMT HD	AMC 10	135.0	7	Oct-04	Oct-11	05:05 PM	11:55
CNBC	AMC 10	135.0	19	Oct-04	Oct-11	05:05 PM	11:55
CNBC HD	Galaxy 14	125.0	19	Oct-05	Oct-12	04:23 PM	11:55
CNN	Galaxy 14	125.0	19	Oct-05	Oct-12	04:23 PM	11:55
CNN	Galaxy 15	133.0	5	Oct-04	Oct-11	04:57 PM	11:55
CNN (Espanol)	Galaxy 14	125.0	2	Oct-05	Oct-12	04:23 PM	11:55
CNN en Español	Galaxy 15	133.0	14	Oct-04	Oct-11	04:57 PM	11:55
CNN HD	Galaxy 15	133.0	21	Oct-04	Oct-11	04:57 PM	11:55
CNN Headline News	Galaxy 14	125.0	22	Oct-05	Oct-12	04:23 PM	11:55
Comcast Sports Net.	Galaxy 17	91.0	22	Oct-05	Oct-12	01:53 PM	12:00
Comedy Central	AMC 11	131.0	11	Oct-04	Oct-11	04:48 PM	11:55
Comedy Central HD	AMC 11	131.0	7	Oct-04	Oct-11	04:48 PM	11:55
Crime & Investigation Network HD	Galaxy 13	127.0	11	Oct-05	Oct-11	04:31 PM	11:55
C-SPAN	AMC 11	131.0	11	Oct-04	Oct-11	04:48 PM	11:55
C-Span 2	AMC 10	135.0	7	Oct-04	Oct-11	05:05 PM	11:55
C-Span 3	AMC 10	135.0	11	Oct-04	Oct-11	05:05 PM	11:55
CTC	Galaxy 16	99.0	6	Oct-05	Oct-12	02:29 PM	12:00
CubaPlay	Galaxy 23	121.0	8	Oct-05	Oct-12	04:06 PM	11:55
Daystar	SES 3	103.0	5	Oct-05	Oct-12	02:47 PM	11:55
Deutsche Welle	SES 3	103.0		Oct-05	Oct-12	02:47 PM	11:55
Deutsche Welle	Galaxy 17	91.0	13	Oct-05	Oct-12	01:53 PM	12:00
Discovery Channel	AMC 10	135.0	3	Oct-04	Oct-11	05:05 PM	11:55
Discovery Channel HD	AMC 10	135.0	3	Oct-04	Oct-11	05:05 PM	11:55
Discovery en Español	AMC 11	131.0	13	Oct-04	Oct-11	04:48 PM	11:55
Discovery Familia	AMC 11	131.0	15	Oct-04	Oct-11	04:48 PM	11:55
Disney Channel	Galaxy 14	125.0	3	Oct-05	Oct-12	04:23 PM	11:55
Disney HD	Galaxy 14	125.0	3	Oct-05	Oct-12	04:23 PM	11:55
Disney Jr	Galaxy 14	125.0	13	Oct-05	Oct-12	04:23 PM	11:55
Disney XD	Galaxy 14	125.0	3	Oct-05	Oct-12	04:23 PM	11:55
Disney XD	Galaxy 18	123.0		Oct-05	Oct-12	04:14 PM	11:55
Disney XD HD	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
DIY(Do-It-Yourself)	AMC 11	131.0	9	Oct-04	Oct-11	04:48 PM	11:55
Dominican View	SES 3	103.0	20	Oct-05	Oct-12	02:47 PM	11:55
E!	AMC 10	135.0	14	Oct-04	Oct-11	05:05 PM	11:55
E! HD	AMC 11	131.0	9	Oct-04	Oct-11	04:48 PM	11:55
Ecuavisa Internacional	Eutelsat 117	116.8	14	Oct-05	Oct-12	03:48 PM	11:55
El Garage	SES 6	40.5	9	Oct-05	Oct-12	10:07 AM	12:00
El Gourmet	SES 6	40.5	14	Oct-05	Oct-12	10:07 AM	12:00
Ella	Galaxy 17	91.0	20	Oct-05	Oct-12	01:53 PM	12:00
Encore	Galaxy 15	133.0	14	Oct-04	Oct-11	04:57 PM	11:55
Encore -(East)	Galaxy 14	125.0	14	Oct-05	Oct-12	04:23 PM	11:55
Encore -(West)	Galaxy 14	125.0	14	Oct-05	Oct-12	04:23 PM	11:55
Encore Action	Galaxy 15	133.0	4	Oct-04	Oct-11	04:57 PM	11:55

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Encore Drama	Galaxy 15	133.0	11	Oct-04	Oct-11	04:57 PM	11:55
Encore Family	Galaxy 15	133.0	11	Oct-04	Oct-11	04:57 PM	11:55
Encore HD	Galaxy 13	127.0	9	Oct-05	Oct-11	04:31 PM	11:55
Encore Love Stories	Galaxy 15	133.0	19	Oct-04	Oct-11	04:57 PM	11:55
Encore Mystery	Galaxy 15	133.0	9	Oct-04	Oct-11	04:57 PM	11:55
Encore West	Galaxy 15	133.0	5	Oct-04	Oct-11	04:57 PM	11:55
Encore Westerns	Galaxy 15	133.0	6	Oct-04	Oct-11	04:57 PM	11:55
Enlace Juvenile	Intelsat 21	58.0	22	Oct-06	Oct-12	11:25 AM	12:00
Enlace TBN	Galaxy 23	121.0	6	Oct-05	Oct-12	04:06 PM	11:55
EPL Overflow	Galaxy 14	125.0	6	Oct-05	Oct-12	04:23 PM	11:55
ESPN	Galaxy 15	133.0	6	Oct-04	Oct-11	04:57 PM	11:55
ESPN Classic	Galaxy 18	123.0	21	Oct-05	Oct-12	04:14 PM	11:55
ESPN Deportes	Galaxy 14	125.0	2	Oct-05	Oct-12	04:23 PM	11:55
ESPN Deportes	Galaxy 14	125.0	6	Oct-05	Oct-12	04:23 PM	11:55
ESPN Goal-Buzz Beat HD	Galaxy 18	123.0	4	Oct-05	Oct-12	04:14 PM	11:55
ESPN Goal-Buzz Beat SD	Galaxy 18	123.0	8	Oct-05	Oct-12	04:14 PM	11:55
ESPN HD	Galaxy 14	125.0	16	Oct-05	Oct-12	04:23 PM	11:55
ESPN U.SD	Galaxy 14	125.0	8	Oct-05	Oct-12	04:23 PM	11:55
ESPN Uni. HD	Galaxy 14	125.0	16	Oct-05	Oct-12	04:23 PM	11:55
ESPN2	Galaxy 15	133.0	21	Oct-04	Oct-11	04:57 PM	11:55
ESPN2 HD	Galaxy 14	125.0	8	Oct-05	Oct-12	04:23 PM	11:55
ESPNews	Galaxy 18	123.0	14	Oct-05	Oct-12	04:14 PM	11:55
ESPNews HD	Galaxy 15	133.0	2	Oct-04	Oct-11	04:57 PM	11:55
ESPNU HD	Galaxy 15	133.0	21	Oct-04	Oct-11	04:57 PM	11:55
Esquire	AMC 10	135.0	22	Oct-04	Oct-11	05:05 PM	11:55
ET TV Global NY (Chinese)	Galaxy 23	121.0	6	Oct-05	Oct-12	04:06 PM	11:55
ETTV	Galaxy 23	121.0	8	Oct-05	Oct-12	04:06 PM	11:55
EuroNews	Galaxy 23	121.0	4	Oct-05	Oct-12	04:06 PM	11:55
EWTN	Galaxy 15	133.0	5	Oct-04	Oct-11	04:57 PM	11:55
EWTN	Galaxy 17	91.0	10	Oct-05	Oct-12	01:53 PM	12:00
EWTN Espanol	Galaxy 15	133.0	5	Oct-04	Oct-11	04:57 PM	11:55
EWTN Español (ESP)	Galaxy 17	91.0	5	Oct-05	Oct-12	01:53 PM	12:00
Fantasy Sports	Galaxy 23	121.0	4	Oct-05	Oct-12	04:06 PM	11:55
Fight Now TV	Galaxy 23	121.0	9	Oct-05	Oct-12	04:06 PM	11:55
Flix	AMC 11	131.0	12	Oct-04	Oct-11	04:48 PM	11:55
Food Network	AMC 11	131.0	5	Oct-04	Oct-11	04:48 PM	11:55
Food Network HD	AMC 10	135.0	5	Oct-04	Oct-11	05:05 PM	11:55
FORO tv	AMC 10	135.0	5	Oct-04	Oct-11	05:05 PM	11:55
FOX Business Network	Galaxy 17	91.0	23	Oct-05	Oct-12	01:53 PM	12:00
FOX Business Network HD	Galaxy 17	91.0	18	Oct-05	Oct-12	01:53 PM	12:00
FOX College Sports Atlantic	Galaxy 17	91.0	8	Oct-05	Oct-12	01:53 PM	12:00
FOX College Sports Central	Galaxy 17	91.0	23	Oct-05	Oct-12	01:53 PM	12:00
FOX College Sports Pacific	Galaxy 17	91.0	19	Oct-05	Oct-12	01:53 PM	12:00
FOX Deportes	Galaxy 15	133.0	23	Oct-04	Oct-11	04:57 PM	11:55
FOX Life	AMC 10	135.0	16	Oct-04	Oct-11	05:05 PM	11:55
Fox Movie Channel	Galaxy 17	91.0	19	Oct-05	Oct-12	01:53 PM	12:00
FOX News Channel	Galaxy 17	91.0	23	Oct-05	Oct-12	01:53 PM	12:00
FOX News HD	Galaxy 15	133.0	19	Oct-04	Oct-11	04:57 PM	11:55
FOX Soccer Channel	Galaxy 17	91.0	23	Oct-05	Oct-12	01:53 PM	12:00
FOX Soccer HD	Galaxy 17	91.0	19	Oct-05	Oct-12	01:53 PM	12:00
FOX Soccer Plus	Galaxy 17	91.0	23	Oct-05	Oct-12	01:53 PM	12:00
FOX Soccer Plus HD	Galaxy 17	91.0	16	Oct-05	Oct-12	01:53 PM	12:00
FOX Sports 1	Galaxy 15	133.0	23	Oct-04	Oct-11	04:57 PM	11:55

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FOX Sports 2	Galaxy 17	91.0	16	Oct-05	Oct-12	01:53 PM	12:00
FoxMoviesHD	Galaxy 15	133.0	18	Oct-04	Oct-11	04:57 PM	11:55
FUEL TV	Galaxy 17	91.0	8	Oct-05	Oct-12	01:53 PM	12:00
fuse	Galaxy 23	121.0	19	Oct-05	Oct-12	04:06 PM	11:55
fuse HD	Galaxy 14	125.0	23	Oct-05	Oct-12	04:23 PM	11:55
Fusion	AMC 10	135.0	23	Oct-04	Oct-11	05:05 PM	11:55
FX	Galaxy 17	91.0	16	Oct-05	Oct-12	01:53 PM	12:00
FX HD	Galaxy 17	91.0	16	Oct-05	Oct-12	01:53 PM	12:00
Fxx	Galaxy 17	91.0	9	Oct-05	Oct-12	01:53 PM	12:00
G4	AMC 10	135.0	5	Oct-04	Oct-11	05:05 PM	11:55
G4 HD	AMC 11	131.0	23	Oct-04	Oct-11	04:48 PM	11:55
Galavision	AMC 11	131.0	23	Oct-04	Oct-11	04:48 PM	11:55
Galavisión	AMC 10	135.0	12	Oct-04	Oct-11	05:05 PM	11:55
GAME SHOW NETWORK (GSN)	AMC 11	131.0	10	Oct-04	Oct-11	04:48 PM	11:55
GMA Pinoy	SES 3	103.0	16	Oct-05	Oct-12	02:47 PM	11:55
GOL TV	SES 3	103.0	14	Oct-05	Oct-12	02:47 PM	11:55
GOL TV (Spanish)	SES 3	103.0	1	Oct-05	Oct-12	02:47 PM	11:55
Golf HD	Galaxy 14	125.0	2	Oct-05	Oct-12	04:23 PM	11:55
Great American Country	AMC 11	131.0	16	Oct-04	Oct-11	04:48 PM	11:55
HI TV	Galaxy 14	125.0	22	Oct-05	Oct-12	04:23 PM	11:55
H2	AMC 11	131.0	14	Oct-04	Oct-11	04:48 PM	11:55
Hallmark Channel	AMC 11	131.0	21	Oct-04	Oct-11	04:48 PM	11:55
Hallmark Movie Channel	AMC 11	131.0	2	Oct-04	Oct-11	04:48 PM	11:55
Hallmark Movie Channel HD	AMC 11	131.0	6	Oct-04	Oct-11	04:48 PM	11:55
HBO	Galaxy 15	133.0	6	Oct-04	Oct-11	04:57 PM	11:55
HBO	Galaxy 14	125.0	21	Oct-05	Oct-12	04:23 PM	11:55
HBO (West)	Galaxy 14	125.0	15	Oct-05	Oct-12	04:23 PM	11:55
HBO 2 (west)	Galaxy 14	125.0	23	Oct-05	Oct-12	04:23 PM	11:55
HBO 2 East	Galaxy 14	125.0	21	Oct-05	Oct-12	04:23 PM	11:55
HBO Comedy East	Galaxy 15	133.0	22	Oct-04	Oct-11	04:57 PM	11:55
HBO Comedy HD	Galaxy 14	125.0	4	Oct-05	Oct-12	04:23 PM	11:55
HBO Family	Galaxy 14	125.0	4	Oct-05	Oct-12	04:23 PM	11:55
HBO Family	Galaxy 15	133.0	4	Oct-04	Oct-11	04:57 PM	11:55
HBO Family (West)	Galaxy 14	125.0	11	Oct-05	Oct-12	04:23 PM	11:55
HBO Family HD	Galaxy 15	133.0	23	Oct-04	Oct-11	04:57 PM	11:55
HBO Family West	Galaxy 15	133.0	19	Oct-04	Oct-11	04:57 PM	11:55
HBO Family West HD	Galaxy 14	125.0	18	Oct-05	Oct-12	04:23 PM	11:55
HBO HD	Galaxy 15	133.0	18	Oct-04	Oct-11	04:57 PM	11:55
HBO Latino	Galaxy 14	125.0	13	Oct-05	Oct-12	04:23 PM	11:55
HBO Latino	Galaxy 15	133.0	19	Oct-04	Oct-11	04:57 PM	11:55
HBO Latino HD	Galaxy 15	133.0	11	Oct-04	Oct-11	04:57 PM	11:55
HBO Signature	Galaxy 14	125.0	3	Oct-05	Oct-12	04:23 PM	11:55
HBO Signature	Galaxy 15	133.0	15	Oct-04	Oct-11	04:57 PM	11:55
HBO Signature (West)	Galaxy 14	125.0	15	Oct-05	Oct-12	04:23 PM	11:55
HBO Signature HD	Galaxy 15	133.0	15	Oct-04	Oct-11	04:57 PM	11:55
HBO Signature West	Galaxy 15	133.0	1	Oct-04	Oct-11	04:57 PM	11:55
HBO Signature West HD	Galaxy 14	125.0	24	Oct-05	Oct-12	04:23 PM	11:55
HBO West	Galaxy 15	133.0	2	Oct-04	Oct-11	04:57 PM	11:55
HBO West HD	Galaxy 14	125.0	2	Oct-05	Oct-12	04:23 PM	11:55
HBO Zone East	Galaxy 15	133.0	22	Oct-04	Oct-11	04:57 PM	11:55
HBO Zone HD	Galaxy 14	125.0	16	Oct-05	Oct-12	04:23 PM	11:55
HBO2 HD	Galaxy 15	133.0	16	Oct-04	Oct-11	04:57 PM	11:55
HBO2 West	Galaxy 15	133.0	23	Oct-04	Oct-11	04:57 PM	11:55

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HBO2 West	Galaxy 15	133.0	23	Oct-04	Oct-11	04:57 PM	11:55
HBO2 West HD	Galaxy 14	125.0	23	Oct-05	Oct-12	04:23 PM	11:55
HD Theater	AMC 11	131.0	9	Oct-04	Oct-11	04:48 PM	11:55
Headline NEWS	Galaxy 15	133.0	10	Oct-04	Oct-11	04:57 PM	11:55
HGTV	AMC 11	131.0	15	Oct-04	Oct-11	04:48 PM	11:55
HGTV HD	AMC 10	135.0	11	Oct-04	Oct-11	05:05 PM	11:55
History	Galaxy 18	123.0	21	Oct-05	Oct-12	04:14 PM	11:55
History Channel HD	Galaxy 14	125.0	15	Oct-05	Oct-12	04:23 PM	11:55
History en Español	AMC 11	131.0	24	Oct-04	Oct-11	04:48 PM	11:55
HITN	Galaxy 23	121.0	24	Oct-05	Oct-12	04:06 PM	11:55
Home Shopping Net.	AMC 10	135.0	18	Oct-04	Oct-11	05:05 PM	11:55
HSN	AMC 10	135.0	8	Oct-04	Oct-11	05:05 PM	11:55
HTV música	Galaxy 15	133.0	14	Oct-04	Oct-11	04:57 PM	11:55
IDInvestigativeDiscoveryHD	Galaxy 13	127.0	14	Oct-05	Oct-11	04:31 PM	11:55
IFC	Galaxy 14	125.0	24	Oct-05	Oct-12	04:23 PM	11:55
IFC	Galaxy 15	133.0	17	Oct-04	Oct-11	04:57 PM	11:55
IFC HD	Galaxy 14	125.0	3	Oct-05	Oct-12	04:23 PM	11:55
Infinito	Galaxy 14	125.0	3	Oct-05	Oct-12	04:23 PM	11:55
Infinito	Galaxy 15	133.0	7	Oct-04	Oct-11	04:57 PM	11:55
Inspiration	Galaxy 15	133.0	22	Oct-04	Oct-11	04:57 PM	11:55
Investigation Discovery	AMC 11	131.0	21	Oct-04	Oct-11	04:48 PM	11:55
iTVN	Galaxy 23	121.0	15	Oct-05	Oct-12	04:06 PM	11:55
Jewelry Television	Galaxy 23	121.0	5	Oct-05	Oct-12	04:06 PM	11:55
Jus Punjabi	SES 3	103.0	9	Oct-05	Oct-12	02:47 PM	11:55
La Familia Network	Galaxy 23	121.0	11	Oct-05	Oct-12	04:06 PM	11:55
LAS	Eutelsat 113	113.0	24	Oct-05	Oct-12	03:31 PM	11:50
Latele Novela	Galaxy 23	121.0	9	Oct-05	Oct-12	04:06 PM	11:55
Life OK	Galaxy 17	91.0	24	Oct-05	Oct-12	01:53 PM	12:00
Lifetime	AMC 11	131.0	20	Oct-04	Oct-11	04:48 PM	11:55
Lifetime	Galaxy 14	125.0	22	Oct-05	Oct-12	04:23 PM	11:55
Logo	AMC 11	131.0	22	Oct-04	Oct-11	04:48 PM	11:55
María+Visión	Intelsat 21	58.0	4	Oct-06	Oct-12	11:25 AM	12:00
MavTV	Galaxy 17	91.0	12	Oct-05	Oct-12	01:53 PM	12:00
MAX Latino	Galaxy 15	133.0	3	Oct-04	Oct-11	04:57 PM	11:55
Mediaset	Galaxy 17	91.0	19	Oct-05	Oct-12	01:53 PM	12:00
Mexicanal	Eutelsat 113	113.0	19	Oct-05	Oct-12	03:31 PM	11:50
Military Channel	AMC 11	131.0	19	Oct-04	Oct-11	04:48 PM	11:55
MLB Network	Galaxy 17	91.0	24	Oct-05	Oct-12	01:53 PM	12:00
MLB Network HD	Galaxy 17	91.0	19	Oct-05	Oct-12	01:53 PM	12:00
MLB-NHL plex	SES 3	103.0	20	Oct-05	Oct-12	02:47 PM	11:55
Momentum TV	Eutelsat 117	116.8	19	Oct-05	Oct-12	03:48 PM	11:55
MoreMAX	Galaxy 15	133.0	19	Oct-04	Oct-11	04:57 PM	11:55
MoreMAX HD	Galaxy 15	133.0	24	Oct-04	Oct-11	04:57 PM	11:55
MSG	SES 3	103.0	5	Oct-05	Oct-12	02:47 PM	11:55
MSG Plus	SES 3	103.0	20	Oct-05	Oct-12	02:47 PM	11:55
MSNBC	AMC 10	135.0	19	Oct-04	Oct-11	05:05 PM	11:55
MSNBC HD	Galaxy 14	125.0	24	Oct-05	Oct-12	04:23 PM	11:55
MTV	AMC 10	135.0	5	Oct-04	Oct-11	05:05 PM	11:55
MTV HD	AMC 10	135.0	20	Oct-04	Oct-11	05:05 PM	11:55
MTV Hits	AMC 11	131.0	5	Oct-04	Oct-11	04:48 PM	11:55
MTV Tr3s	AMC 11	131.0	20	Oct-04	Oct-11	04:48 PM	11:55
MTV2	AMC 11	131.0	19	Oct-04	Oct-11	04:48 PM	11:55
Multimedios	Eutelsat 113	113.0	17	Oct-05	Oct-12	03:31 PM	11:50

Satellite Sun Outage Dates and Times for Fall 2019

New York, NY

Service/Program Name	Satellite	Azimuth	Xpdr	First Date	Last Date	Earliest Start STD / DST (if appl)	Longest Duration
mun2	AMC 11	131.0	17	Oct-04	Oct-11	04:48 PM	11:55
Music Choice	Galaxy 14	125.0	11	Oct-05	Oct-12	04:23 PM	11:55
Nat Geo Mundo	Galaxy 17	91.0	6	Oct-05	Oct-12	01:53 PM	12:00
National Geographic Channel	Galaxy 17	91.0	21	Oct-05	Oct-12	01:53 PM	12:00
National Geographic Channel HD	Galaxy 17	91.0	4	Oct-05	Oct-12	01:53 PM	12:00
National Geographic Wild	Galaxy 17	91.0	15	Oct-05	Oct-12	01:53 PM	12:00
National Geographic Wild HD	Galaxy 17	91.0	3	Oct-05	Oct-12	01:53 PM	12:00
National Jewish TV	Galaxy 23	121.0	18	Oct-05	Oct-12	04:06 PM	11:55
NBA TV	Galaxy 14	125.0	1	Oct-05	Oct-12	04:23 PM	11:55
NBA TV	Galaxy 13	127.0	7	Oct-05	Oct-11	04:31 PM	11:55
NBA TV HD	Galaxy 13	127.0	3	Oct-05	Oct-11	04:31 PM	11:55
NBA-MLS plex	SES 3	103.0	13	Oct-05	Oct-12	02:47 PM	11:55
NBC Sports Network	Galaxy 17	91.0	13	Oct-05	Oct-12	01:53 PM	12:00
NESN	AMC 11	131.0	13	Oct-04	Oct-11	04:48 PM	11:55
NESN HD	AMC 11	131.0	15	Oct-04	Oct-11	04:48 PM	11:55
New Tang Dynasty	Galaxy 23	121.0	13	Oct-05	Oct-12	04:06 PM	11:55
NHL Network	Galaxy 17	91.0	15	Oct-05	Oct-12	01:53 PM	12:00
NHL Network HD	Galaxy 15	133.0	15	Oct-04	Oct-11	04:57 PM	11:55
Nick Jr.	AMC 11	131.0	13	Oct-04	Oct-11	04:48 PM	11:55
Nickelodeon	AMC 10	135.0	13	Oct-04	Oct-11	05:05 PM	11:55
Nickelodeon HD	AMC 11	131.0	15	Oct-04	Oct-11	04:48 PM	11:55
Nickelodeon Toons	AMC 11	131.0	13	Oct-04	Oct-11	04:48 PM	11:55
NTN24	SES 3	103.0	15	Oct-05	Oct-12	02:47 PM	11:55
Nuestra Tele	SES 3	103.0		Oct-05	Oct-12	02:47 PM	11:55
One World Sports	Galaxy 13	127.0	8	Oct-05	Oct-11	04:31 PM	11:55
Outdoor Channel	Galaxy 18	123.0	1	Oct-05	Oct-12	04:14 PM	11:55
Outdoor Channel HD	Galaxy 18	123.0	11	Oct-05	Oct-12	04:14 PM	11:55
OuterMAX	Galaxy 15	133.0	14	Oct-04	Oct-11	04:57 PM	11:55
OuterMAX HD	Galaxy 14	125.0	24	Oct-05	Oct-12	04:23 PM	11:55
OWN	AMC 10	135.0	18	Oct-04	Oct-11	05:05 PM	11:55
OWN HD	Galaxy 13	127.0	5	Oct-05	Oct-11	04:31 PM	11:55
Oxygen	Galaxy 17	91.0	8	Oct-05	Oct-12	01:53 PM	12:00
Palladia HD	AMC 10	135.0	15	Oct-04	Oct-11	05:05 PM	11:55
Passiones	Galaxy 23	121.0	13	Oct-05	Oct-12	04:06 PM	11:55
Pay Per View (IN DEMAND 1)	AMC 11	131.0	14	Oct-04	Oct-11	04:48 PM	11:55
Pay Per View (IN DEMAND 3)	AMC 11	131.0	6	Oct-04	Oct-11	04:48 PM	11:55
Pay Per View HD	AMC 10	135.0	21	Oct-04	Oct-11	05:05 PM	11:55
Planet Green	AMC 11	131.0	24	Oct-04	Oct-11	04:48 PM	11:55
Planet Green HD	AMC 10	135.0	7	Oct-04	Oct-11	05:05 PM	11:55
Playboy Esp	Galaxy 23	121.0	7	Oct-05	Oct-12	04:06 PM	11:55
Playboy TV (Adult)	Galaxy 23	121.0	22	Oct-05	Oct-12	04:06 PM	11:55
Puerto Rico Network	Galaxy 16	99.0	19	Oct-05	Oct-12	02:29 PM	12:00
Puerto Rico Network	Galaxy 23	121.0	20	Oct-05	Oct-12	04:06 PM	11:55
QVC	AMC 10	135.0	24	Oct-04	Oct-11	05:05 PM	11:55
QVC HD	AMC 11	131.0	24	Oct-04	Oct-11	04:48 PM	11:55
Rai Italia (Italian)	Galaxy 17	91.0	18	Oct-05	Oct-12	01:53 PM	12:00
Reelz	Galaxy 13	127.0	8	Oct-05	Oct-11	04:31 PM	11:55
ReelzChannel	Galaxy 17	91.0	14	Oct-05	Oct-12	01:53 PM	12:00
RTN Russian	Galaxy 17	91.0	21	Oct-05	Oct-12	01:53 PM	12:00
RTPi	Galaxy 11	55.5	5	Oct-06	Oct-12	11:13 AM	12:00
RTPi (Portuguese)	Galaxy 19	97.0	20	Oct-05	Oct-12	02:20 PM	12:00
RTR Planeta	Galaxy 16	99.0	19	Oct-05	Oct-12	02:29 PM	12:00
Science	AMC 11	131.0	24	Oct-04	Oct-11	04:48 PM	11:55

Satellite Sun Outage Dates and Times for Fall 2019

New York, NY

Service/Program Name	Satellite	Azimuth	Xpdr	First Date	Last Date	Earliest Start STD / DST (if appl)	Longest Duration
Science HD	Galaxy 13	127.0	5	Oct-05	Oct-11	04:31 PM	11:55
Semillitas	Galaxy 23	121.0	20	Oct-05	Oct-12	04:06 PM	11:55
SET Asia (South Asian)	Galaxy 23	121.0	5	Oct-05	Oct-12	04:06 PM	11:55
Shalom TV	Galaxy 16	99.0	23	Oct-05	Oct-12	02:29 PM	12:00
ShopNBC	Galaxy 14	125.0	9	Oct-05	Oct-12	04:23 PM	11:55
Showtime	AMC 11	131.0	5	Oct-04	Oct-11	04:48 PM	11:55
Showtime (West)	AMC 10	135.0	5	Oct-04	Oct-11	05:05 PM	11:55
Showtime 2 (West)	AMC 10	135.0	17	Oct-04	Oct-11	05:05 PM	11:55
Showtime Beyond	AMC 11	131.0	16	Oct-04	Oct-11	04:48 PM	11:55
Showtime Extreme	AMC 11	131.0	17	Oct-04	Oct-11	04:48 PM	11:55
Showtime Extreme HD	Galaxy 14	125.0	24	Oct-05	Oct-12	04:23 PM	11:55
Showtime Family Zone	AMC 11	131.0	6	Oct-04	Oct-11	04:48 PM	11:55
Showtime HD	AMC 10	135.0	5	Oct-04	Oct-11	05:05 PM	11:55
Showtime Next	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
Showtime Showcase	AMC 11	131.0	21	Oct-04	Oct-11	04:48 PM	11:55
Showtime Showcase (West)	AMC 10	135.0	n/a	Oct-04	Oct-11	05:05 PM	11:55
Showtime Showcase HD	Galaxy 14	125.0	5	Oct-05	Oct-12	04:23 PM	11:55
Showtime Showcase West	Galaxy 18	123.0	18	Oct-05	Oct-12	04:14 PM	11:55
Showtime Showcase West HD	AMC 11	131.0	13	Oct-04	Oct-11	04:48 PM	11:55
Showtime Too	AMC 11	131.0	21	Oct-04	Oct-11	04:48 PM	11:55
Showtime Too HD	Galaxy 14	125.0	n/a	Oct-05	Oct-12	04:23 PM	11:55
Showtime Too West	Galaxy 18	123.0	24	Oct-05	Oct-12	04:14 PM	11:55
Showtime Too West HD	AMC 11	131.0	10	Oct-04	Oct-11	04:48 PM	11:55
Showtime West	Galaxy 18	123.0	17	Oct-05	Oct-12	04:14 PM	11:55
Showtime West HD	AMC 11	131.0	24	Oct-04	Oct-11	04:48 PM	11:55
Showtime Women	AMC 11	131.0	18	Oct-04	Oct-11	04:48 PM	11:55
Smithsonian Channel	AMC 11	131.0	24	Oct-04	Oct-11	04:48 PM	11:55
Smithsonian Channel HD	AMC 11	131.0	15	Oct-04	Oct-11	04:48 PM	11:55
SoapNet	Galaxy 18	123.0	7	Oct-05	Oct-12	04:14 PM	11:55
Sorpresa	Galaxy 23	121.0	7	Oct-05	Oct-12	04:06 PM	11:55
Speed Channel	Galaxy 15	133.0	4	Oct-04	Oct-11	04:57 PM	11:55
Speed Channel HD	Galaxy 15	133.0	11	Oct-04	Oct-11	04:57 PM	11:55
Spice Xcess (Adult)	Galaxy 23	121.0	15	Oct-05	Oct-12	04:06 PM	11:55
Spice Xcess XX	Galaxy 23	121.0	21	Oct-05	Oct-12	04:06 PM	11:55
Spike HD	AMC 10	135.0	15	Oct-04	Oct-11	05:05 PM	11:55
Spike TV	AMC 11	131.0	4	Oct-04	Oct-11	04:48 PM	11:55
Sportsman Channel	Galaxy 23	121.0	1	Oct-05	Oct-12	04:06 PM	11:55
SportsNet New York	Galaxy 17	91.0	2	Oct-05	Oct-12	01:53 PM	12:00
SportsNet New York HD	Galaxy 17	91.0	1	Oct-05	Oct-12	01:53 PM	12:00
Sprout	AMC 10	135.0	18	Oct-04	Oct-11	05:05 PM	11:55
Stars India Gold	Galaxy 17	91.0	8	Oct-05	Oct-12	01:53 PM	12:00
Stars India Plus	Galaxy 17	91.0	15	Oct-05	Oct-12	01:53 PM	12:00
Starz	Galaxy 15	133.0	6	Oct-04	Oct-11	04:57 PM	11:55
Starz Cinema	Galaxy 15	133.0	6	Oct-04	Oct-11	04:57 PM	11:55
Starz Comedy	Galaxy 15	133.0	12	Oct-04	Oct-11	04:57 PM	11:55
Starz Comedy HD	Galaxy 13	127.0		Oct-05	Oct-11	04:31 PM	11:55
Starz Edge	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
Starz Edge HD	Galaxy 13	127.0		Oct-05	Oct-11	04:31 PM	11:55
Starz HD	Galaxy 13	127.0		Oct-05	Oct-11	04:31 PM	11:55
Starz InBlack	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
Starz Kids & Family	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
Starz Kids & Family HD	Galaxy 13	127.0		Oct-05	Oct-11	04:31 PM	11:55
Starz West	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55

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New York, NY

Service/Program Name	Satellite	Azimuth	Xpdr	First Date	Last Date	Earliest Start STD / DST (if appl)	Longest Duration
Starz West HD	Galaxy 13	127.0		Oct-05	Oct-11	04:31 PM	11:55
Style	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
Style HD	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
Sundance Channel	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
Super Cana Carib	SES 3	103.0		Oct-05	Oct-12	02:47 PM	11:55
Supercanal Canal Caribe	SES 3	103.0		Oct-05	Oct-12	02:47 PM	11:55
SUR Peru	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
Syfy	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
Syfy HD	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
TBN Enlace	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
TBS	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
TBS (Main)	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
TBS in HD	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
TCM	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
TeenNick	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
Tele El Salvador	SES 2	87.0		Oct-06	Oct-12	01:35 PM	12:00
Tele El Salvador	SES 3	103.0		Oct-05	Oct-12	02:47 PM	11:55
telefe internacional	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
Telemicro Internacional	Eutelsat 113	113.0		Oct-05	Oct-12	03:31 PM	11:50
TEMPO	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
Tempo	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
The Cooking Channel	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
The Filipino Channel	Galaxy 17	91.0		Oct-05	Oct-12	01:53 PM	12:00
The Golf Channel	Galaxy 17	91.0		Oct-05	Oct-12	01:53 PM	12:00
The Hub	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
The Israeli Network	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
The Learning Channel	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
The Movie Channel	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
The Movie Channel HD	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
The Weather Channel	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
The Weather Channel HD	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
ThrillerMAX	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
ThrillerMAX HD	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
TLC	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
TLC HD	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
TLNovelas	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
TMC West	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
TMC West	Galaxy 18	123.0		Oct-05	Oct-12	04:14 PM	11:55
TMC West HD	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
TMC Xtra	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
TMC Xtra HD	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
TMC Xtra West	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
TMC Xtra West	Galaxy 18	123.0		Oct-05	Oct-12	04:14 PM	11:55
TMC Xtra West HD	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
TNT	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
TNT	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
TNT in HD	Galaxy 13	127.0		Oct-05	Oct-11	04:31 PM	11:55
Travel Channel	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
Travel Channel HD	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
Trinity Broadcast Net	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
TRU TV	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
truTV	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
truTV HD	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55

Satellite Sun Outage Dates and Times for Fall 2019

New York, NY

Service/Program Name	Satellite	Azimuth	Xpdr	First Date	Last Date	Earliest Start STD / DST (if appl)	Longest Duration
Turner Classic Movies	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
Turner Classic Movies HD	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
TV 5	Galaxy 17	91.0		Oct-05	Oct-12	01:53 PM	12:00
TV Asia (South Asian)	Galaxy 17	91.0		Oct-05	Oct-12	01:53 PM	12:00
TV Chile	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
TV Colombia	SES 3	103.0		Oct-05	Oct-12	02:47 PM	11:55
TV Dominicana	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
TV Games	Galaxy 17	91.0		Oct-05	Oct-12	01:53 PM	12:00
TV Globo (Brazilian)	Galaxy 11	55.5		Oct-06	Oct-12	11:13 AM	12:00
TV Japan	Galaxy 13	127.0		Oct-05	Oct-11	04:31 PM	11:55
TV Land	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
TV One	Galaxy 17	91.0		Oct-05	Oct-12	01:53 PM	12:00
TV Polonia (Polish)	Galaxy 19	97.0		Oct-05	Oct-12	02:20 PM	12:00
TV Record	SES 6	40.5		Oct-05	Oct-12	10:07 AM	12:00
TV Record (Brazilian)	SES 6	40.5		Oct-05	Oct-12	10:07 AM	12:00
TV5 Monde (French)	Galaxy 17	91.0		Oct-05	Oct-12	01:53 PM	12:00
TVE International	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
TVLandHD (no backup)	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
TVN 24	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
Universal HD	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
Up Net	Galaxy 17	91.0		Oct-05	Oct-12	01:53 PM	12:00
USA HD	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
USA Network	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
USA Network	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
Utilísima Satelital	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
VERIA Living	Galaxy 13	127.0		Oct-05	Oct-11	04:31 PM	11:55
VH-1	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
VH1 Classic	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
VH1 HD	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
VH1 Soul	AMC 11	131.0		Oct-04	Oct-11	04:48 PM	11:55
Viendo Movies	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
VME Kids	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
W MAX	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
WAPA America	Galaxy 16	99.0		Oct-05	Oct-12	02:29 PM	12:00
WE HD	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
WE tv	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
Weather Ch	AMC 10	135.0		Oct-04	Oct-11	05:05 PM	11:55
Willow Plus	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55
WMAX	Galaxy 15	133.0		Oct-04	Oct-11	04:57 PM	11:55
WMAX HD	Galaxy 14	125.0		Oct-05	Oct-12	04:23 PM	11:55
Word Network	Galaxy 17	91.0		Oct-05	Oct-12	01:53 PM	12:00
World Fishing Network	Galaxy 17	91.0		Oct-05	Oct-12	01:53 PM	12:00
YES HD	SES 3	103.0		Oct-05	Oct-12	02:47 PM	11:55
YES Network	SES 3	103.0		Oct-05	Oct-12	02:47 PM	11:55
Zee TV (South Asian)	Galaxy 23	121.0		Oct-05	Oct-12	04:06 PM	11:55