

## **Fall Sun Outages 2018**

From October 4th to 14th you may experience interruption in TV Service from an astronomical phenomenon called Sun outages. A Sun outage is an interruption in satellite signals caused by interference from solar radiation. The interference is caused when the Sun is in direct line with a communication satellite and the Sun's radiation overwhelms the satellite signal.

### **How long do Sun Outages last?**

Effects to TV service due to sun outages can last between 10 to 20 minutes a day.

### **Can Sun Outages be Prevented?**

Unfortunately, there is technically nothing that can be done to prevent sun outage effects.

### **How do they affect watching TV?**

During this time, you may experience interference with picture quality and sound when watching television.

Sun outages do not affect internet, phone service, or Video On Demand. Please see below for a full schedule of sun outages by Channel and approximate time of occurrence. Please note, some channels may have more than one outage per day. If any group of channels is affected for more than 20 minutes, or if all channels are affected at one time, there may be a problem that is unrelated to sun outages. If you need assistance, please contact us.

<b>Ch</b>	<b>Name</b>	<b>Outage Start</b>	<b>Outage end</b>
2	HSN	2:46 PM	2:59 PM
4	Weather Channel	2:54 PM	3:09 PM
13	QVC	2:46 PM	2:59 PM
15	Trinity Broadcasting	2:37 PM	2:51 PM
18	Jewelry TV HD	2:37 PM	2:51 PM
19	FE TV	2:26 PM	2:44 PM
21	QVC 2	2:46 PM	2:59 PM
28	Classic Arts Showcase	1:51 PM	2:07 PM
29	Fox News Channel	1:51 PM	2:07 PM
30	CNN	4:22 PM	4:36 PM
31	Headline News	4:22 PM	4:36 PM
32	MSNBC	4:22 PM	4:36 PM
33	CNBC	4:22 PM	4:36 PM
34	ESPN Classic	4:22 PM	4:36 PM

35	ESPN	4:22 PM	4:36 PM
36	ESPN2	4:22 PM	4:36 PM
38	MLB Network	1:51 PM	2:07 PM
39	YES Network	4:56 PM	5:09 PM
40	Fox Sports 1	4:56 PM	5:09 PM
41	Golf Channel	1:51 PM	2:07 PM
42	NBC Sports Network	1:51 PM	2:07 PM
43	Cartoon Network	4:22 PM	4:36 PM
44	Disney Channel	4:22 PM	4:36 PM
45	Freeform	4:22 PM	4:36 PM
46	Nickelodeon	4:47 PM	5:01 PM
47	Discovery	4:29 PM	4:45 PM
48	Animal Planet	4:29 PM	4:45 PM
49	TLC	4:29 PM	4:45 PM
50	A&E	4:22 PM	4:36 PM
51	History Channel	4:22 PM	4:36 PM
52	HGTV	2:46 PM	2:59 PM
53	Food Network	2:46 PM	2:59 PM
54	Tru TV	4:22 PM	4:36 PM
55	TBS	4:22 PM	4:36 PM
56	TNT	4:22 PM	4:36 PM
57	TCM	4:22 PM	4:36 PM
58	We TV	4:56 PM	5:09 PM
59	AMC	4:56 PM	5:09 PM
60	Bravo	2:37 PM	2:51 PM
61	Lifetime	4:22 PM	4:36 PM
62	Travel Channel	2:46 PM	2:59 PM
63	GSN	4:47 PM	5:01 PM
64	TV Land	4:47 PM	5:01 PM
65	USA	2:37 PM	2:51 PM

66	SyFy	2:37 PM	2:51 PM
67	Hallmark	4:47 PM	5:01 PM
68	Lifetime Movie Network	4:22 PM	4:36 PM
69	FX	1:51 PM	2:07 PM
70	E!	2:37 PM	2:51 PM
71	Comedy Central	4:47 PM	5:01 PM
72	MTV	4:47 PM	5:01 PM
73	VH1	4:47 PM	5:01 PM
74	CMT	4:47 PM	5:01 PM
75	Paramount Network	4:47 PM	5:01 PM
76	National Geographic	1:51 PM	2:07 PM
77	NFL	4:29 PM	4:45 PM
78	FXX	1:51 PM	2:07 PM
79	ATT Sportsnet	1:51 PM	2:07 PM
80	Big Ten Network	1:51 PM	2:07 PM
81	Big Ten Overflow	1:51 PM	2:07 PM
82	Pursuit	4:04 PM	4:19 PM
83	Blaze	4:22 PM	4:36 PM
84	INSP	4:56 PM	5:09 PM
85	POP	4:56 PM	5:09 PM
86	Hallmark Movie Channel	4:47 PM	5:01 PM
87	WGN	4:22 PM	4:36 PM
88	Outdoor Channel	1:51 PM	2:07 PM
89	Fox Sports 2	4:56 PM	5:09 PM
90	Sundance	4:56 PM	5:09 PM
91	BBC America	4:47 PM	5:01 PM
92	BBC World News Americas	4:29 PM	4:45 PM
93	Daystar	2:46 PM	2:59 PM
94	Fox Business Channel	1:51 PM	2:07 PM
95	FX Movie Channel	1:51 PM	2:07 PM

96	CSPAN	5:04 PM	5:18 PM
97	CSPAN2	5:04 PM	5:18 PM
98	CSPAN3	5:04 PM	5:18 PM
100	FYI	4:22 PM	4:36 PM
101	Viceland	4:22 PM	4:36 PM
102	CNN International	4:22 PM	4:36 PM
103	Fusion	2:46 PM	2:59 PM
104	Cowboy Channel	2:37 PM	2:51 PM
105	Science Channel	4:47 PM	5:01 PM
106	Destination America	4:47 PM	5:01 PM
107	Investigation Discovery	4:47 PM	5:01 PM
108	OWN	4:29 PM	4:45 PM
109	Discovery Family	4:47 PM	5:01 PM
110	UKIDS	2:37 PM	2:51 PM
111	Nick Toons	2:54 PM	3:09 PM
112	Teen Nick	2:54 PM	3:09 PM
113	Nick 2	2:54 PM	3:09 PM
114	Boomerang	4:22 PM	4:36 PM
115	Disney XD	4:22 PM	4:36 PM
116	Nick Jr	2:54 PM	3:09 PM
117	Disney Jr	4:22 PM	4:36 PM
118	Oxygen	2:37 PM	2:51 PM
119	National Geographic Wild	1:51 PM	2:07 PM
120	The Tennis Channel	2:46 PM	2:59 PM
123	Youtoo TV	4:04 PM	4:19 PM
124	DIY	2:46 PM	2:59 PM
125	Sportsman Channel	1:51 PM	2:07 PM
127	Great American Country	2:46 PM	2:59 PM
128	RFD TV	2:54 PM	3:09 PM
129	American Heroes Channel	4:47 PM	5:01 PM

130	MTV2	2:54 PM	3:09 PM
132	Telemundo	2:37 PM	2:51 PM
133	IFC	4:56 PM	5:09 PM
134	Lifetime Real Women	4:29 PM	4:45 PM
136	Olympic Channel	2:37 PM	2:51 PM
137	NewsMax	4:22 PM	4:36 PM
138	NASA	4:29 PM	4:45 PM
140	Outside TV	4:22 PM	4:36 PM
150	CRN Digital Radio Networks	4:04 PM	4:19 PM
202	UP	2:46 PM	2:59 PM
205	Discovery Life	4:47 PM	5:01 PM
206	Crime and Investigation	4:29 PM	4:45 PM
207	Military History Channel	4:29 PM	4:45 PM
209	Cooking Channel	2:46 PM	2:59 PM
217	Nick Music	2:54 PM	3:09 PM
218	BET Jams	2:54 PM	3:09 PM
219	MTV Classic	2:54 PM	3:09 PM
220	BET Soul	2:54 PM	3:09 PM
221	CMT Pure	2:54 PM	3:09 PM
223	Logo	2:54 PM	3:09 PM
224	ESPN News	4:12 PM	4:28 PM
225	ESPNU	4:12 PM	4:28 PM
226	Fox College Sports Atl.	1:51 PM	2:07 PM
227	Fox College Sports Cent.	1:51 PM	2:07 PM
228	Fox College Sports Pac.	1:51 PM	2:07 PM
230	MAV TV	4:22 PM	4:36 PM
232	SEC	4:12 PM	4:28 PM
233	Horse Racing TV	1:51 PM	2:07 PM
234	Comedy TV	4:29 PM	4:45 PM
235	Recipe TV	4:29 PM	4:45 PM

236	Cars TV	4:29 PM	4:45 PM
237	Pets TV	4:29 PM	4:45 PM
238	ESTV	4:29 PM	4:45 PM
239	My Destination TV	4:29 PM	4:45 PM
400's	Stingray Music Channels	1:43 PM	1:57 PM
507	QVC HD	2:46 PM	2:59 PM
508	Weather HD	2:54 PM	3:09 PM
512	HSN HD	2:46 PM	2:59 PM
513	ESPN HD	4:22 PM	4:36 PM
514	ESPN 2 HD	4:22 PM	4:36 PM
515	Big Ten Network HD	1:51 PM	2:07 PM
516	Big Ten Overflow HD	1:51 PM	2:07 PM
519	MAV HD	4:22 PM	4:36 PM
520	YES Network HD	4:56 PM	5:09 PM
521	MLB HD	1:51 PM	2:07 PM
523	NFL HD	4:29 PM	4:45 PM
524	NFL Red Zone HD	4:29 PM	4:45 PM
525	ATTSportsnet HD	1:51 PM	2:07 PM
527	NBC Sports Network HD	4:22 PM	4:36 PM
528	Golf Channel HD	4:22 PM	4:36 PM
529	Fox Sports 1 HD	4:56 PM	5:09 PM
530	Velocity	4:29 PM	4:45 PM
531	Discovery HD	2:54 PM	3:09 PM
532	National Geographic HD	1:51 PM	2:07 PM
533	TLC HD	2:54 PM	3:09 PM
534	Science Channel HD	2:54 PM	3:09 PM
535	HGTV HD	4:47 PM	5:01 PM
536	Food Network HD	4:47 PM	5:01 PM
538	Animal Planet HD	2:54 PM	3:09 PM
539	TNT HD	4:22 PM	4:36 PM

541	Destination America HD	2:54 PM	3:09 PM
542	Travel Channel HD	4:47 PM	5:01 PM
543	Disney Channel HD	4:22 PM	4:36 PM
544	Freeform	4:22 PM	4:36 PM
545	E! HD	2:37 PM	2:51 PM
546	Nickelodeon HD	2:54 PM	3:09 PM
547	Discovery Family	4:29 PM	4:45 PM
548	Investigation Discovery HD	2:54 PM	3:09 PM
549	TBS HD	4:22 PM	4:36 PM
550	A&E HD	4:22 PM	4:36 PM
551	History Channel HD	4:22 PM	4:36 PM
552	FYI HD	4:22 PM	4:36 PM
553	USA HD	2:37 PM	2:51 PM
554	SyFy HD	2:37 PM	2:51 PM
555	FX HD	1:51 PM	2:07 PM
557	Bravo HD	2:37 PM	2:51 PM
558	Comedy Central HD	2:54 PM	3:09 PM
559	Paramount Network HD	2:37 PM	2:51 PM
560	MTV Live	2:37 PM	2:51 PM
561	MTV HD	2:37 PM	2:51 PM
562	VH1 HD	2:54 PM	3:09 PM
563	CMT HD	2:37 PM	2:51 PM
565	Cartoon Network HD	4:22 PM	4:36 PM
566	AMC HD	4:22 PM	4:36 PM
567	Turner Classic Movies HD	4:22 PM	4:36 PM
568	Hallmark HD	4:47 PM	5:01 PM
569	Hallmark Movie HD	4:47 PM	5:01 PM
570	AXS TV	4:29 PM	4:45 PM
571	HDNet Movies	4:29 PM	4:45 PM
572	Lifetime Movie HD	4:22 PM	4:36 PM

573	Outdoor HD	1:51 PM	2:07 PM
574	Sundance HD	4:22 PM	4:36 PM
575	TruTV HD	4:22 PM	4:36 PM
576	POP HD	4:56 PM	5:09 PM
577	Jewelry TV HD	2:37 PM	2:51 PM
580	CNN HD	4:22 PM	4:36 PM
581	Fox News Channel HD	4:56 PM	5:09 PM
582	MSNBC HD	4:22 PM	4:36 PM
583	CNBC HD	4:22 PM	4:36 PM
584	HLN HD	4:22 PM	4:36 PM
585	BBCWN HD	4:29 PM	4:45 PM
586	Blaze	4:22 PM	4:36 PM
587	WGNA HD	4:22 PM	4:36 PM
588	FXX HD	1:51 PM	2:07 PM
589	Game Show HD	2:46 PM	2:59 PM
590	TV Land HD	2:37 PM	2:51 PM
591	WE HD	4:22 PM	4:36 PM
592	Lifetime HD	4:22 PM	4:36 PM
593	QVC2 HD	2:46 PM	2:59 PM
594	FX Movie HD	4:56 PM	5:09 PM
600	HBO HD	4:56 PM	5:09 PM
601	HBO2 HD	4:56 PM	5:09 PM
602	HBO Signature HD	4:56 PM	5:09 PM
603	HBO Family HD	4:56 PM	5:09 PM
604	HBO Zone HD	4:22 PM	4:36 PM
605	HBO Comedy HD	4:22 PM	4:36 PM
606	HBO Latino HD	4:56 PM	5:09 PM
608	Cinemax HD	4:56 PM	5:09 PM
609	Thriller Max HD	4:22 PM	4:36 PM
610	More Max HD	4:56 PM	5:09 PM



611	Action Max HD	4:56 PM	5:09 PM
612	Max Latino HD	4:22 PM	4:36 PM
613	5 Star Max HD	4:22 PM	4:36 PM
614	Movie Max HD	4:22 PM	4:36 PM
615	Outer Max HD	4:22 PM	4:36 PM
617	Showtime HD	4:22 PM	4:36 PM
618	Showtime 2 HD	4:22 PM	4:36 PM
619	Showtime Showcase HD	4:22 PM	4:36 PM
620	Showtime Women HD	4:22 PM	4:36 PM
621	Showtime Family HD	4:22 PM	4:36 PM
622	Showtime Next HD	4:22 PM	4:36 PM
623	Showtime Extreme HD	4:22 PM	4:36 PM
624	Showtime Beyond HD	4:22 PM	4:36 PM
625	The Movie Channel HD	4:22 PM	4:36 PM
626	TMC Extra HD	4:22 PM	4:36 PM
627	Flix HD	4:22 PM	4:36 PM
628	Starz HD	4:29 PM	4:45 PM
629	Starz Cinema HD	4:29 PM	4:45 PM
630	Starz Kids and Family HD	4:29 PM	4:45 PM
631	Starz Edge HD	4:29 PM	4:45 PM
632	Starz Comedy HD	4:29 PM	4:45 PM
633	Starz Encore HD	4:29 PM	4:45 PM
634	Starz Westerns HD	4:29 PM	4:45 PM
635	Starx Classics HD	4:29 PM	4:45 PM
636	Starz Suspense HD	4:29 PM	4:45 PM
637	Starz Black HD	4:29 PM	4:45 PM
638	Starz Action HD	4:29 PM	4:45 PM
639	Starz Family HD	4:29 PM	4:45 PM
712	Event HD	1:43 PM	1:57 PM
713	Event	1:43 PM	1:57 PM

800	HBO HD	4:56 PM	5:09 PM
801	HBO2 HD	4:56 PM	5:09 PM
802	HBO Signature HD	4:56 PM	5:09 PM
803	HBO Family HD	4:56 PM	5:09 PM
804	HBO Zone HD	4:22 PM	4:36 PM
805	HBO Comedy HD	4:22 PM	4:36 PM
806	HBO Latino HD	4:56 PM	5:09 PM
808	Cinemax HD	4:56 PM	5:09 PM
809	Thriller Max HD	4:22 PM	4:36 PM
810	More Max HD	4:47 PM	5:01 PM
811	Action Max HD	4:56 PM	5:09 PM
812	Max Latino HD	4:22 PM	4:36 PM
813	5 Star Max HD	4:22 PM	4:36 PM
814	Movie Max HD	4:22 PM	4:36 PM
815	Outer Max HD	4:22 PM	4:36 PM
817	Showtime HD	4:22 PM	4:36 PM
818	Showtime 2 HD	4:22 PM	4:36 PM
819	Showtime Showcase HD	4:22 PM	4:36 PM
820	Showtime Women HD	4:22 PM	4:36 PM
821	Showtime Family HD	4:22 PM	4:36 PM
822	Showtime Next HD	4:22 PM	4:36 PM
823	Showtime Extreme HD	4:22 PM	4:36 PM
824	Showtime Beyond HD	4:22 PM	4:36 PM
825	The Movie Channel HD	4:22 PM	4:36 PM
826	TMC Extra HD	4:22 PM	4:36 PM
827	Flix HD	4:22 PM	4:36 PM
828	Starz HD	4:29 PM	4:45 PM
829	Starz Cinema HD	4:29 PM	4:45 PM
830	Starz Kids and Family HD	4:29 PM	4:45 PM
831	Starz Edge HD	4:29 PM	4:45 PM

832	Starz Comedy HD	4:29 PM	4:45 PM
833	Starz Encore HD	4:29 PM	4:45 PM
834	Starz Westerns HD	4:29 PM	4:45 PM
835	Starz Classics HD	4:29 PM	4:45 PM
836	Starz Suspense HD	4:29 PM	4:45 PM
837	Starz Black HD	4:29 PM	4:45 PM
838	Starz Action HD	4:29 PM	4:45 PM
839	Starz Family HD	4:29 PM	4:45 PM
900	Playboy	4:04 PM	4:19 PM