

**Sun Outages at SANTIAGO**  
**Satellite EUTELSAT 117 WEST B (SATMEX-9)**



<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 28, 2021 20:12:48	Mar 28, 2021 20:18:48
Mar 29, 2021 20:09:30	Mar 29, 2021 20:21:30
Mar 30, 2021 20:08:12	Mar 30, 2021 20:22:12
Mar 31, 2021 20:06:54	Mar 31, 2021 20:22:54
Apr 01, 2021 20:06:36	Apr 01, 2021 20:22:36
Apr 02, 2021 20:06:18	Apr 02, 2021 20:22:18
Apr 03, 2021 20:06:01	Apr 03, 2021 20:22:01
Apr 04, 2021 20:06:43	Apr 04, 2021 20:20:43
Apr 05, 2021 20:07:26	Apr 05, 2021 20:19:26
Apr 06, 2021 20:09:09	Apr 06, 2021 20:18:09

**Sun Outages at VALLENARO**  
**Satellite EUTELSAT 117 WEST B (SATMEX-9)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 27, 2021 20:13:09	Mar 27, 2021 20:22:09
Mar 28, 2021 20:10:51	Mar 28, 2021 20:22:51
Mar 29, 2021 20:09:33	Mar 29, 2021 20:23:33
Mar 30, 2021 20:08:15	Mar 30, 2021 20:24:15
Mar 31, 2021 20:07:57	Mar 31, 2021 20:23:57
Apr 01, 2021 20:07:39	Apr 01, 2021 20:23:39
Apr 02, 2021 20:07:22	Apr 02, 2021 20:23:22
Apr 03, 2021 20:08:04	Apr 03, 2021 20:22:04
Apr 04, 2021 20:09:47	Apr 04, 2021 20:20:47
Apr 05, 2021 20:11:30	Apr 05, 2021 20:17:30

**Sun Outages at VILLA RICA**  
**Satellite EUTELSAT 117 WEST B (SATMEX-9)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 30, 2021 20:09:46	Mar 30, 2021 20:16:46
Mar 31, 2021 20:06:28	Mar 31, 2021 20:18:28
Apr 01, 2021 20:05:10	Apr 01, 2021 20:19:10
Apr 02, 2021 20:03:52	Apr 02, 2021 20:19:52

Apr 03, 2021 20:03:35	Apr 03, 2021 20:19:35
Apr 04, 2021 20:03:18	Apr 04, 2021 20:19:18
Apr 05, 2021 20:03:00	Apr 05, 2021 20:19:00
Apr 06, 2021 20:03:43	Apr 06, 2021 20:17:43
Apr 07, 2021 20:04:27	Apr 07, 2021 20:16:27
Apr 08, 2021 20:06:10	Apr 08, 2021 20:14:10



**Sun Outages at ANTOFAGASTA**  
**Satellite EUTELSAT 117 WEST B (SATMEX-9)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 25, 2021 20:14:18	Mar 25, 2021 20:24:18
Mar 26, 2021 20:13:00	Mar 26, 2021 20:26:00
Mar 27, 2021 20:11:42	Mar 27, 2021 20:26:42
Mar 28, 2021 20:10:24	Mar 28, 2021 20:26:24
Mar 29, 2021 20:10:05	Mar 29, 2021 20:26:05
Mar 30, 2021 20:09:47	Mar 30, 2021 20:25:47
Mar 31, 2021 20:09:29	Mar 31, 2021 20:25:29
Apr 01, 2021 20:10:12	Apr 01, 2021 20:24:12
Apr 02, 2021 20:11:54	Apr 02, 2021 20:21:54
Apr 03, 2021 20:14:36	Apr 03, 2021 20:18:36

**Sun Outages at PISAGUA**  
**Satellite EUTELSAT 117 WEST B (SATMEX-9)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 23, 2021 20:17:46	Mar 23, 2021 20:23:46
Mar 24, 2021 20:14:28	Mar 24, 2021 20:26:28
Mar 25, 2021 20:13:09	Mar 25, 2021 20:27:09
Mar 26, 2021 20:11:51	Mar 26, 2021 20:27:51
Mar 27, 2021 20:11:33	Mar 27, 2021 20:27:33
Mar 28, 2021 20:11:15	Mar 28, 2021 20:27:15
Mar 29, 2021 20:10:57	Mar 29, 2021 20:26:57
Mar 30, 2021 20:11:39	Mar 30, 2021 20:25:39
Mar 31, 2021 20:12:21	Mar 31, 2021 20:24:21
Apr 01, 2021 20:14:03	Apr 01, 2021 20:22:03

**Sun Outages at SANTIAGO**  
**Satellite EUTELSAT 117 WEST A (SATMEX-8)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 28, 2021 20:11:56	Mar 28, 2021 20:17:56
Mar 29, 2021 20:08:38	Mar 29, 2021 20:20:38
Mar 30, 2021 20:07:20	Mar 30, 2021 20:21:20
Mar 31, 2021 20:06:02	Mar 31, 2021 20:22:02
Apr 01, 2021 20:05:44	Apr 01, 2021 20:21:44
Apr 02, 2021 20:05:26	Apr 02, 2021 20:21:26
Apr 03, 2021 20:05:09	Apr 03, 2021 20:21:09
Apr 04, 2021 20:05:51	Apr 04, 2021 20:19:51
Apr 05, 2021 20:06:34	Apr 05, 2021 20:18:34
Apr 06, 2021 20:08:17	Apr 06, 2021 20:17:17

**Sun Outages at VALLENARO**  
**Satellite EUTELSAT 117 WEST A (SATMEX-8)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 27, 2021 20:12:17	Mar 27, 2021 20:21:17
Mar 28, 2021 20:09:59	Mar 28, 2021 20:21:59
Mar 29, 2021 20:08:41	Mar 29, 2021 20:22:41
Mar 30, 2021 20:07:23	Mar 30, 2021 20:23:23
Mar 31, 2021 20:07:05	Mar 31, 2021 20:23:05
Apr 01, 2021 20:06:47	Apr 01, 2021 20:22:47
Apr 02, 2021 20:06:29	Apr 02, 2021 20:22:29
Apr 03, 2021 20:07:12	Apr 03, 2021 20:21:12
Apr 04, 2021 20:08:54	Apr 04, 2021 20:19:54
Apr 05, 2021 20:10:37	Apr 05, 2021 20:16:37

**Sun Outages at VILLA RICA**  
**Satellite EUTELSAT 117 WEST A (SATMEX-8)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 30, 2021 20:08:54	Mar 30, 2021 20:15:54
Mar 31, 2021 20:05:36	Mar 31, 2021 20:17:36
Apr 01, 2021 20:04:18	Apr 01, 2021 20:18:18
Apr 02, 2021 20:03:00	Apr 02, 2021 20:19:00
Apr 03, 2021 20:02:43	Apr 03, 2021 20:18:43
Apr 04, 2021 20:02:26	Apr 04, 2021 20:18:26

Apr 05, 2021 20:02:08	Apr 05, 2021 20:18:08
Apr 06, 2021 20:02:51	Apr 06, 2021 20:16:51
Apr 07, 2021 20:03:35	Apr 07, 2021 20:15:35
Apr 08, 2021 20:05:18	Apr 08, 2021 20:14:18



**Sun Outages at ANTOFAGASTA**  
**Satellite EUTELSAT 117 WEST A (SATMEX-8)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 25, 2021 20:13:26	Mar 25, 2021 20:23:26
Mar 26, 2021 20:12:08	Mar 26, 2021 20:25:08
Mar 27, 2021 20:10:49	Mar 27, 2021 20:25:49
Mar 28, 2021 20:09:31	Mar 28, 2021 20:25:31
Mar 29, 2021 20:09:13	Mar 29, 2021 20:25:13
Mar 30, 2021 20:08:55	Mar 30, 2021 20:24:55
Mar 31, 2021 20:08:37	Mar 31, 2021 20:24:37
Apr 01, 2021 20:09:19	Apr 01, 2021 20:23:19
Apr 02, 2021 20:11:01	Apr 02, 2021 20:21:01
Apr 03, 2021 20:13:44	Apr 03, 2021 20:17:44

**Sun Outages at PISAGUA**  
**Satellite EUTELSAT 117 WEST A (SATMEX-8)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 23, 2021 20:16:53	Mar 23, 2021 20:22:53
Mar 24, 2021 20:13:35	Mar 24, 2021 20:25:35
Mar 25, 2021 20:12:17	Mar 25, 2021 20:26:17
Mar 26, 2021 20:10:59	Mar 26, 2021 20:26:59
Mar 27, 2021 20:10:40	Mar 27, 2021 20:26:40
Mar 28, 2021 20:10:22	Mar 28, 2021 20:26:22
Mar 29, 2021 20:10:04	Mar 29, 2021 20:26:04
Mar 30, 2021 20:10:46	Mar 30, 2021 20:24:46
Mar 31, 2021 20:11:28	Mar 31, 2021 20:23:28
Apr 01, 2021 20:13:10	Apr 01, 2021 20:21:10

**Sun Outages at SANTIAGO**  
**Satellite EUTELSAT 115 WEST B (SATMEX-7)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 28, 2021 20:03:40	Mar 28, 2021 20:09:40
Mar 29, 2021 20:01:22	Mar 29, 2021 20:12:22
Mar 30, 2021 19:59:04	Mar 30, 2021 20:13:04
Mar 31, 2021 19:57:46	Mar 31, 2021 20:13:46
Apr 01, 2021 19:57:28	Apr 01, 2021 20:13:28
Apr 02, 2021 19:57:11	Apr 02, 2021 20:13:11
Apr 03, 2021 19:56:53	Apr 03, 2021 20:12:53
Apr 04, 2021 19:57:36	Apr 04, 2021 20:11:36
Apr 05, 2021 19:58:19	Apr 05, 2021 20:10:19
Apr 06, 2021 19:59:02	Apr 06, 2021 20:09:02

**Sun Outages at VALLENARO**  
**Satellite EUTELSAT 115 WEST B (SATMEX-7)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 27, 2021 20:04:00	Mar 27, 2021 20:12:00
Mar 28, 2021 20:01:41	Mar 28, 2021 20:13:41
Mar 29, 2021 20:00:23	Mar 29, 2021 20:14:23
Mar 30, 2021 19:59:05	Mar 30, 2021 20:15:05
Mar 31, 2021 19:58:47	Mar 31, 2021 20:14:47
Apr 01, 2021 19:58:29	Apr 01, 2021 20:14:29
Apr 02, 2021 19:58:12	Apr 02, 2021 20:14:12
Apr 03, 2021 19:58:54	Apr 03, 2021 20:12:54
Apr 04, 2021 19:59:37	Apr 04, 2021 20:11:37
Apr 05, 2021 20:02:20	Apr 05, 2021 20:08:20

**Sun Outages at VILLA RICA**  
**Satellite EUTELSAT 115 WEST B (SATMEX-7)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 30, 2021 20:00:39	Mar 30, 2021 20:06:39
Mar 31, 2021 19:57:21	Mar 31, 2021 20:09:21
Apr 01, 2021 19:56:03	Apr 01, 2021 20:10:03
Apr 02, 2021 19:54:46	Apr 02, 2021 20:10:46
Apr 03, 2021 19:54:28	Apr 03, 2021 20:10:28
Apr 04, 2021 19:54:11	Apr 04, 2021 20:10:11
Apr 05, 2021 19:53:54	Apr 05, 2021 20:09:54
Apr 06, 2021 19:54:37	Apr 06, 2021 20:08:37

Apr 07, 2021 19:55:20  
Apr 08, 2021 19:57:03

Apr 07, 2021 20:07:20  
Apr 08, 2021 20:06:03



**Sun Outages at ANTOFAGASTA**  
**Satellite EUTELSAT 115 WEST B (SATMEX-7)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 25, 2021 20:05:07	Mar 25, 2021 20:15:07
Mar 26, 2021 20:03:49	Mar 26, 2021 20:15:49
Mar 27, 2021 20:02:30	Mar 27, 2021 20:16:30
Mar 28, 2021 20:01:12	Mar 28, 2021 20:17:12
Mar 29, 2021 20:00:54	Mar 29, 2021 20:16:54
Mar 30, 2021 20:00:36	Mar 30, 2021 20:16:36
Mar 31, 2021 20:00:18	Mar 31, 2021 20:16:18
Apr 01, 2021 20:01:00	Apr 01, 2021 20:15:00
Apr 02, 2021 20:02:43	Apr 02, 2021 20:12:43
Apr 03, 2021 20:05:25	Apr 03, 2021 20:09:25

**Sun Outages at PISAGUA**  
**Satellite EUTELSAT 115 WEST B (SATMEX-7)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 23, 2021 20:08:33	Mar 23, 2021 20:14:33
Mar 24, 2021 20:05:15	Mar 24, 2021 20:17:15
Mar 25, 2021 20:03:57	Mar 25, 2021 20:17:57
Mar 26, 2021 20:02:39	Mar 26, 2021 20:18:39
Mar 27, 2021 20:02:21	Mar 27, 2021 20:18:21
Mar 28, 2021 20:02:03	Mar 28, 2021 20:18:03
Mar 29, 2021 20:01:44	Mar 29, 2021 20:17:44
Mar 30, 2021 20:02:26	Mar 30, 2021 20:16:26
Mar 31, 2021 20:03:08	Mar 31, 2021 20:15:08
Apr 01, 2021 20:04:51	Apr 01, 2021 20:12:51

**Sun Outages at SANTIAGO**  
**Satellite EUTELSAT 113 WEST A (SATMEX-6)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
------------------------	----------------------

Mar 28, 2021 19:56:23	Mar 28, 2021 20:01:23
Mar 29, 2021 19:53:05	Mar 29, 2021 20:04:05
Mar 30, 2021 19:50:47	Mar 30, 2021 20:04:47
Mar 31, 2021 19:49:29	Mar 31, 2021 20:05:29
Apr 01, 2021 19:49:11	Apr 01, 2021 20:05:11
Apr 02, 2021 19:48:53	Apr 02, 2021 20:04:53
Apr 03, 2021 19:48:36	Apr 03, 2021 20:04:36
Apr 04, 2021 19:49:19	Apr 04, 2021 20:04:19
Apr 05, 2021 19:50:01	Apr 05, 2021 20:03:01
Apr 06, 2021 19:50:44	Apr 06, 2021 20:00:44

**Sun Outages at VALLENARO**  
**Satellite EUTELSAT 113 WEST A (SATMEX-6)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 27, 2021 19:55:40	Mar 27, 2021 20:03:40
Mar 28, 2021 19:53:22	Mar 28, 2021 20:05:22
Mar 29, 2021 19:52:04	Mar 29, 2021 20:06:04
Mar 30, 2021 19:50:46	Mar 30, 2021 20:06:46
Mar 31, 2021 19:50:28	Mar 31, 2021 20:06:28
Apr 01, 2021 19:50:10	Apr 01, 2021 20:06:10
Apr 02, 2021 19:49:52	Apr 02, 2021 20:05:52
Apr 03, 2021 19:50:35	Apr 03, 2021 20:04:35
Apr 04, 2021 19:51:17	Apr 04, 2021 20:03:17
Apr 05, 2021 19:54:00	Apr 05, 2021 20:00:00

**Sun Outages at VILLA RICA**  
**Satellite EUTELSAT 113 WEST A (SATMEX-6)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 30, 2021 19:52:23	Mar 30, 2021 19:58:23
Mar 31, 2021 19:49:05	Mar 31, 2021 20:01:05
Apr 01, 2021 19:47:47	Apr 01, 2021 20:01:47
Apr 02, 2021 19:46:29	Apr 02, 2021 20:02:29
Apr 03, 2021 19:46:12	Apr 03, 2021 20:02:12
Apr 04, 2021 19:45:54	Apr 04, 2021 20:01:54
Apr 05, 2021 19:45:37	Apr 05, 2021 20:01:37
Apr 06, 2021 19:46:20	Apr 06, 2021 20:00:20
Apr 07, 2021 19:47:03	Apr 07, 2021 19:59:03
Apr 08, 2021 19:47:47	Apr 08, 2021 19:57:47

**Sun Outages at ANTOFAGASTA**  
**Satellite EUTELSAT 113 WEST A (SATMEX-6)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 25, 2021 19:57:46	Mar 25, 2021 20:06:46
Mar 26, 2021 19:55:28	Mar 26, 2021 20:07:28
Mar 27, 2021 19:54:10	Mar 27, 2021 20:08:10
Mar 28, 2021 19:52:51	Mar 28, 2021 20:08:51
Mar 29, 2021 19:52:33	Mar 29, 2021 20:08:33
Mar 30, 2021 19:52:15	Mar 30, 2021 20:08:15
Mar 31, 2021 19:51:57	Mar 31, 2021 20:07:57
Apr 01, 2021 19:52:39	Apr 01, 2021 20:06:39
Apr 02, 2021 19:54:22	Apr 02, 2021 20:04:22
Apr 03, 2021 19:57:04	Apr 03, 2021 20:02:04

**Sun Outages at PISAGUA**  
**Satellite EUTELSAT 113 WEST A (SATMEX-6)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 23, 2021 20:00:12	Mar 23, 2021 20:06:12
Mar 24, 2021 19:56:53	Mar 24, 2021 20:08:53
Mar 25, 2021 19:55:35	Mar 25, 2021 20:09:35
Mar 26, 2021 19:54:17	Mar 26, 2021 20:10:17
Mar 27, 2021 19:53:59	Mar 27, 2021 20:09:59
Mar 28, 2021 19:53:41	Mar 28, 2021 20:09:41
Mar 29, 2021 19:53:23	Mar 29, 2021 20:09:23
Mar 30, 2021 19:54:04	Mar 30, 2021 20:08:04
Mar 31, 2021 19:54:47	Mar 31, 2021 20:06:47
Apr 01, 2021 19:56:29	Apr 01, 2021 20:04:29