

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



<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 14, 2021 20:21:34	Mar 14, 2021 20:27:34
Mar 15, 2021 20:18:17	Mar 15, 2021 20:30:17
Mar 16, 2021 20:17:00	Mar 16, 2021 20:31:00
Mar 17, 2021 20:15:43	Mar 17, 2021 20:31:43
Mar 18, 2021 20:15:26	Mar 18, 2021 20:31:26
Mar 19, 2021 20:15:08	Mar 19, 2021 20:31:08
Mar 20, 2021 20:14:50	Mar 20, 2021 20:30:50
Mar 21, 2021 20:15:32	Mar 21, 2021 20:29:32
Mar 22, 2021 20:16:14	Mar 22, 2021 20:28:14
Mar 23, 2021 20:17:56	Mar 23, 2021 20:25:56

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 11, 2021 20:18:37	Mar 11, 2021 20:28:37
Mar 12, 2021 20:17:21	Mar 12, 2021 20:29:21
Mar 13, 2021 20:16:04	Mar 13, 2021 20:30:04
Mar 14, 2021 20:14:48	Mar 14, 2021 20:30:48
Mar 15, 2021 20:14:31	Mar 15, 2021 20:30:31
Mar 16, 2021 20:14:14	Mar 16, 2021 20:30:14
Mar 17, 2021 20:13:57	Mar 17, 2021 20:29:57
Mar 18, 2021 20:14:39	Mar 18, 2021 20:28:39
Mar 19, 2021 20:16:22	Mar 19, 2021 20:26:22

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 13, 2021 20:21:41	Mar 13, 2021 20:25:41
Mar 14, 2021 20:18:24	Mar 14, 2021 20:28:24
Mar 15, 2021 20:16:08	Mar 15, 2021 20:30:08
Mar 16, 2021 20:14:51	Mar 16, 2021 20:30:51

Mar 17, 2021 20:14:33	Mar 17, 2021 20:30:33
Mar 18, 2021 20:14:16	Mar 18, 2021 20:30:16
Mar 19, 2021 20:13:58	Mar 19, 2021 20:29:58
Mar 20, 2021 20:14:41	Mar 20, 2021 20:28:41
Mar 21, 2021 20:15:23	Mar 21, 2021 20:27:23
Mar 22, 2021 20:17:05	Mar 22, 2021 20:25:05

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 14, 2021 20:18:26	Mar 14, 2021 20:26:26
Mar 15, 2021 20:16:09	Mar 15, 2021 20:28:09
Mar 16, 2021 20:14:52	Mar 16, 2021 20:28:52
Mar 17, 2021 20:13:35	Mar 17, 2021 20:29:35
Mar 18, 2021 20:13:17	Mar 18, 2021 20:29:17
Mar 19, 2021 20:13:00	Mar 19, 2021 20:29:00
Mar 20, 2021 20:12:42	Mar 20, 2021 20:28:42
Mar 21, 2021 20:13:24	Mar 21, 2021 20:27:24
Mar 22, 2021 20:15:06	Mar 22, 2021 20:25:06
Mar 23, 2021 20:18:48	Mar 23, 2021 20:20:48

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 11, 2021 20:19:16	Mar 11, 2021 20:27:16
Mar 12, 2021 20:17:00	Mar 12, 2021 20:29:00
Mar 13, 2021 20:15:44	Mar 13, 2021 20:29:44
Mar 14, 2021 20:14:28	Mar 14, 2021 20:30:28
Mar 15, 2021 20:14:11	Mar 15, 2021 20:30:11
Mar 16, 2021 20:13:54	Mar 16, 2021 20:29:54
Mar 17, 2021 20:13:36	Mar 17, 2021 20:29:36
Mar 18, 2021 20:14:19	Mar 18, 2021 20:28:19
Mar 19, 2021 20:16:01	Mar 19, 2021 20:26:01
Mar 20, 2021 20:18:44	Mar 20, 2021 20:22:44

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 15, 2021 20:16:10	Mar 15, 2021 20:26:10
Mar 16, 2021 20:13:53	Mar 16, 2021 20:27:53
Mar 17, 2021 20:12:36	Mar 17, 2021 20:28:36
Mar 18, 2021 20:12:18	Mar 18, 2021 20:28:18
Mar 19, 2021 20:12:01	Mar 19, 2021 20:28:01
Mar 20, 2021 20:11:43	Mar 20, 2021 20:27:43
Mar 21, 2021 20:12:25	Mar 21, 2021 20:26:25
Mar 22, 2021 20:13:07	Mar 22, 2021 20:25:07
Mar 23, 2021 20:13:49	Mar 23, 2021 20:23:49

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 14, 2021 20:20:41	Mar 14, 2021 20:26:41
Mar 15, 2021 20:17:24	Mar 15, 2021 20:29:24
Mar 16, 2021 20:16:07	Mar 16, 2021 20:30:07
Mar 17, 2021 20:14:50	Mar 17, 2021 20:30:50
Mar 18, 2021 20:14:33	Mar 18, 2021 20:30:33
Mar 19, 2021 20:14:15	Mar 19, 2021 20:30:15
Mar 20, 2021 20:13:57	Mar 20, 2021 20:29:57
Mar 21, 2021 20:14:40	Mar 21, 2021 20:28:40
Mar 22, 2021 20:15:22	Mar 22, 2021 20:27:22
Mar 23, 2021 20:17:03	Mar 23, 2021 20:25:03

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 11, 2021 20:17:43	Mar 11, 2021 20:27:43
Mar 12, 2021 20:16:27	Mar 12, 2021 20:28:27
Mar 13, 2021 20:15:11	Mar 13, 2021 20:29:11
Mar 14, 2021 20:13:55	Mar 14, 2021 20:29:55
Mar 15, 2021 20:13:38	Mar 15, 2021 20:29:38
Mar 16, 2021 20:13:21	Mar 16, 2021 20:29:21

Mar 17, 2021 20:13:04 Mar 17, 2021 20:29:04  
Mar 18, 2021 20:13:46 Mar 18, 2021 20:27:46  
Mar 19, 2021 20:15:29 Mar 19, 2021 20:25:29



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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 13, 2021 20:20:48	Mar 13, 2021 20:24:48
Mar 14, 2021 20:17:31	Mar 14, 2021 20:27:31
Mar 15, 2021 20:15:14	Mar 15, 2021 20:29:14
Mar 16, 2021 20:13:57	Mar 16, 2021 20:29:57
Mar 17, 2021 20:13:40	Mar 17, 2021 20:29:40
Mar 18, 2021 20:13:23	Mar 18, 2021 20:29:23
Mar 19, 2021 20:13:05	Mar 19, 2021 20:29:05
Mar 20, 2021 20:13:47	Mar 20, 2021 20:27:47
Mar 21, 2021 20:14:30	Mar 21, 2021 20:26:30
Mar 22, 2021 20:16:12	Mar 22, 2021 20:24:12

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 14, 2021 20:17:32	Mar 14, 2021 20:25:32
Mar 15, 2021 20:15:15	Mar 15, 2021 20:27:15
Mar 16, 2021 20:13:58	Mar 16, 2021 20:27:58
Mar 17, 2021 20:12:41	Mar 17, 2021 20:28:41
Mar 18, 2021 20:12:24	Mar 18, 2021 20:28:24
Mar 19, 2021 20:12:06	Mar 19, 2021 20:28:06
Mar 20, 2021 20:11:48	Mar 20, 2021 20:27:48
Mar 21, 2021 20:12:31	Mar 21, 2021 20:26:31
Mar 22, 2021 20:14:13	Mar 22, 2021 20:24:13
Mar 23, 2021 20:17:54	Mar 23, 2021 20:19:54

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 11, 2021 20:18:23	Mar 11, 2021 20:26:23
Mar 12, 2021 20:16:07	Mar 12, 2021 20:28:07
Mar 13, 2021 20:14:51	Mar 13, 2021 20:28:51
Mar 14, 2021 20:13:34	Mar 14, 2021 20:29:34
Mar 15, 2021 20:13:17	Mar 15, 2021 20:29:17
Mar 16, 2021 20:13:00	Mar 16, 2021 20:29:00
Mar 17, 2021 20:12:43	Mar 17, 2021 20:28:43
Mar 18, 2021 20:13:26	Mar 18, 2021 20:27:26
Mar 19, 2021 20:15:08	Mar 19, 2021 20:25:08
Mar 20, 2021 20:17:50	Mar 20, 2021 20:21:50

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 15, 2021 20:15:16	Mar 15, 2021 20:25:16
Mar 16, 2021 20:12:59	Mar 16, 2021 20:26:59
Mar 17, 2021 20:11:42	Mar 17, 2021 20:27:42
Mar 18, 2021 20:11:24	Mar 18, 2021 20:27:24
Mar 19, 2021 20:11:07	Mar 19, 2021 20:27:07
Mar 20, 2021 20:10:49	Mar 20, 2021 20:26:49
Mar 21, 2021 20:11:31	Mar 21, 2021 20:25:31
Mar 22, 2021 20:12:13	Mar 22, 2021 20:24:13
Mar 23, 2021 20:12:55	Mar 23, 2021 20:22:55

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 14, 2021 20:12:17	Mar 14, 2021 20:18:17
Mar 15, 2021 20:09:00	Mar 15, 2021 20:21:00
Mar 16, 2021 20:07:43	Mar 16, 2021 20:21:43
Mar 17, 2021 20:06:26	Mar 17, 2021 20:22:26
Mar 18, 2021 20:06:09	Mar 18, 2021 20:22:09
Mar 19, 2021 20:05:51	Mar 19, 2021 20:21:51
Mar 20, 2021 20:05:33	Mar 20, 2021 20:21:33

Mar 21, 2021 20:06:15	Mar 21, 2021 20:20:15
Mar 22, 2021 20:06:57	Mar 22, 2021 20:18:57
Mar 23, 2021 20:08:39	Mar 23, 2021 20:16:39



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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 11, 2021 20:09:16	Mar 11, 2021 20:19:16
Mar 12, 2021 20:08:00	Mar 12, 2021 20:20:00
Mar 13, 2021 20:06:44	Mar 13, 2021 20:20:44
Mar 14, 2021 20:05:28	Mar 14, 2021 20:21:28
Mar 15, 2021 20:05:11	Mar 15, 2021 20:21:11
Mar 16, 2021 20:04:54	Mar 16, 2021 20:20:54
Mar 17, 2021 20:04:37	Mar 17, 2021 20:20:37
Mar 18, 2021 20:05:19	Mar 18, 2021 20:19:19
Mar 19, 2021 20:07:02	Mar 19, 2021 20:17:02

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 13, 2021 20:12:21	Mar 13, 2021 20:16:21
Mar 14, 2021 20:09:04	Mar 14, 2021 20:19:04
Mar 15, 2021 20:06:47	Mar 15, 2021 20:20:47
Mar 16, 2021 20:05:30	Mar 16, 2021 20:21:30
Mar 17, 2021 20:05:13	Mar 17, 2021 20:21:13
Mar 18, 2021 20:04:56	Mar 18, 2021 20:20:56
Mar 19, 2021 20:04:38	Mar 19, 2021 20:20:38
Mar 20, 2021 20:05:20	Mar 20, 2021 20:19:20
Mar 21, 2021 20:06:02	Mar 21, 2021 20:18:02
Mar 22, 2021 20:07:44	Mar 22, 2021 20:15:44

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 14, 2021 20:09:02	Mar 14, 2021 20:17:02
Mar 15, 2021 20:06:45	Mar 15, 2021 20:18:45
Mar 16, 2021 20:05:28	Mar 16, 2021 20:19:28
Mar 17, 2021 20:04:11	Mar 17, 2021 20:20:11
Mar 18, 2021 20:03:54	Mar 18, 2021 20:19:54
Mar 19, 2021 20:03:36	Mar 19, 2021 20:19:36
Mar 20, 2021 20:03:18	Mar 20, 2021 20:19:18
Mar 21, 2021 20:04:01	Mar 21, 2021 20:18:01
Mar 22, 2021 20:05:43	Mar 22, 2021 20:15:43
Mar 23, 2021 20:09:25	Mar 23, 2021 20:11:25

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 11, 2021 20:09:55	Mar 11, 2021 20:17:55
Mar 12, 2021 20:07:39	Mar 12, 2021 20:19:39
Mar 13, 2021 20:06:23	Mar 13, 2021 20:20:23
Mar 14, 2021 20:05:06	Mar 14, 2021 20:21:06
Mar 15, 2021 20:04:49	Mar 15, 2021 20:20:49
Mar 16, 2021 20:04:32	Mar 16, 2021 20:20:32
Mar 17, 2021 20:04:15	Mar 17, 2021 20:20:15
Mar 18, 2021 20:04:58	Mar 18, 2021 20:18:58
Mar 19, 2021 20:06:40	Mar 19, 2021 20:16:40
Mar 20, 2021 20:09:22	Mar 20, 2021 20:13:22

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 15, 2021 20:06:44	Mar 15, 2021 20:16:44
Mar 16, 2021 20:04:27	Mar 16, 2021 20:18:27
Mar 17, 2021 20:03:09	Mar 17, 2021 20:19:09
Mar 18, 2021 20:02:52	Mar 18, 2021 20:18:52
Mar 19, 2021 20:02:34	Mar 19, 2021 20:18:34
Mar 20, 2021 20:02:17	Mar 20, 2021 20:18:17
Mar 21, 2021 20:02:59	Mar 21, 2021 20:16:59
Mar 22, 2021 20:03:41	Mar 22, 2021 20:15:41

Mar 23, 2021 20:04:23

Mar 23, 2021 20:14:23



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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 14, 2021 20:03:51	Mar 14, 2021 20:09:51
Mar 15, 2021 20:00:34	Mar 15, 2021 20:12:34
Mar 16, 2021 19:59:17	Mar 16, 2021 20:13:17
Mar 17, 2021 19:58:00	Mar 17, 2021 20:14:00
Mar 18, 2021 19:57:42	Mar 18, 2021 20:13:42
Mar 19, 2021 19:57:25	Mar 19, 2021 20:13:25
Mar 20, 2021 19:57:07	Mar 20, 2021 20:13:07
Mar 21, 2021 19:57:49	Mar 21, 2021 20:11:49
Mar 22, 2021 19:58:31	Mar 22, 2021 20:10:31
Mar 23, 2021 20:00:13	Mar 23, 2021 20:08:13

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 11, 2021 20:00:47	Mar 11, 2021 20:10:47
Mar 12, 2021 19:59:31	Mar 12, 2021 20:11:31
Mar 13, 2021 19:58:15	Mar 13, 2021 20:12:15
Mar 14, 2021 19:56:58	Mar 14, 2021 20:12:58
Mar 15, 2021 19:56:42	Mar 15, 2021 20:12:42
Mar 16, 2021 19:56:25	Mar 16, 2021 20:12:25
Mar 17, 2021 19:56:07	Mar 17, 2021 20:12:07
Mar 18, 2021 19:56:50	Mar 18, 2021 20:10:50
Mar 19, 2021 19:58:32	Mar 19, 2021 20:08:32

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



<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 13, 2021 20:03:51	Mar 13, 2021 20:07:51
Mar 14, 2021 20:00:35	Mar 14, 2021 20:10:35
Mar 15, 2021 19:58:18	Mar 15, 2021 20:12:18
Mar 16, 2021 19:57:01	Mar 16, 2021 20:13:01
Mar 17, 2021 19:56:43	Mar 17, 2021 20:12:43
Mar 18, 2021 19:56:26	Mar 18, 2021 20:12:26
Mar 19, 2021 19:56:09	Mar 19, 2021 20:12:09
Mar 20, 2021 19:56:51	Mar 20, 2021 20:10:51
Mar 21, 2021 19:57:33	Mar 21, 2021 20:09:33
Mar 22, 2021 19:59:15	Mar 22, 2021 20:07:15

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 14, 2021 20:00:30	Mar 14, 2021 20:08:30
Mar 15, 2021 19:58:13	Mar 15, 2021 20:10:13
Mar 16, 2021 19:56:56	Mar 16, 2021 20:10:56
Mar 17, 2021 19:55:39	Mar 17, 2021 20:11:39
Mar 18, 2021 19:55:22	Mar 18, 2021 20:11:22
Mar 19, 2021 19:55:04	Mar 19, 2021 20:11:04
Mar 20, 2021 19:54:46	Mar 20, 2021 20:10:46
Mar 21, 2021 19:55:28	Mar 21, 2021 20:09:28
Mar 22, 2021 19:57:10	Mar 22, 2021 20:07:10
Mar 23, 2021 20:00:52	Mar 23, 2021 20:02:52

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 11, 2021 20:01:25	Mar 11, 2021 20:09:25
Mar 12, 2021 19:59:09	Mar 12, 2021 20:11:09
Mar 13, 2021 19:57:52	Mar 13, 2021 20:11:52
Mar 14, 2021 19:56:36	Mar 14, 2021 20:12:36
Mar 15, 2021 19:56:19	Mar 15, 2021 20:12:19
Mar 16, 2021 19:56:02	Mar 16, 2021 20:12:02
Mar 17, 2021 19:55:45	Mar 17, 2021 20:11:45
Mar 18, 2021 19:56:27	Mar 18, 2021 20:10:27

Mar 19, 2021 19:58:10  
Mar 20, 2021 20:00:52

Mar 19, 2021 20:08:10  
Mar 20, 2021 20:04:52



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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Mar 15, 2021 19:58:09	Mar 15, 2021 20:08:09
Mar 16, 2021 19:55:52	Mar 16, 2021 20:09:52
Mar 17, 2021 19:54:35	Mar 17, 2021 20:10:35
Mar 18, 2021 19:54:17	Mar 18, 2021 20:10:17
Mar 19, 2021 19:54:00	Mar 19, 2021 20:10:00
Mar 20, 2021 19:53:42	Mar 20, 2021 20:09:42
Mar 21, 2021 19:54:24	Mar 21, 2021 20:08:24
Mar 22, 2021 19:55:06	Mar 22, 2021 20:07:06
Mar 23, 2021 19:55:48	Mar 23, 2021 20:05:48