

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



<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 07, 2020 20:10:37	Sep 07, 2020 20:18:37
Sep 08, 2020 20:08:16	Sep 08, 2020 20:20:16
Sep 09, 2020 20:06:55	Sep 09, 2020 20:20:55
Sep 10, 2020 20:05:34	Sep 10, 2020 20:21:34
Sep 11, 2020 20:05:13	Sep 11, 2020 20:21:13
Sep 12, 2020 20:04:52	Sep 12, 2020 20:20:52
Sep 13, 2020 20:04:31	Sep 13, 2020 20:20:31
Sep 14, 2020 20:05:09	Sep 14, 2020 20:19:09
Sep 15, 2020 20:05:48	Sep 15, 2020 20:17:48
Sep 16, 2020 20:07:27	Sep 16, 2020 20:15:27

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 06, 2020 20:12:45	Sep 06, 2020 20:17:45
Sep 07, 2020 20:09:24	Sep 07, 2020 20:19:24
Sep 08, 2020 20:07:03	Sep 08, 2020 20:21:03
Sep 09, 2020 20:05:42	Sep 09, 2020 20:21:42
Sep 10, 2020 20:05:21	Sep 10, 2020 20:21:21
Sep 11, 2020 20:05:00	Sep 11, 2020 20:21:00
Sep 12, 2020 20:04:39	Sep 12, 2020 20:20:39
Sep 13, 2020 20:05:18	Sep 13, 2020 20:20:18
Sep 14, 2020 20:05:56	Sep 14, 2020 20:18:56
Sep 15, 2020 20:06:35	Sep 15, 2020 20:16:35

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 08, 2020 20:12:16	Sep 08, 2020 20:16:16
Sep 09, 2020 20:08:55	Sep 09, 2020 20:18:55
Sep 10, 2020 20:06:34	Sep 10, 2020 20:20:34
Sep 11, 2020 20:05:13	Sep 11, 2020 20:21:13

Sep 12, 2020 20:04:51	Sep 12, 2020 20:20:51
Sep 13, 2020 20:04:30	Sep 13, 2020 20:20:30
Sep 14, 2020 20:04:09	Sep 14, 2020 20:20:09
Sep 15, 2020 20:04:48	Sep 15, 2020 20:19:48
Sep 16, 2020 20:05:26	Sep 16, 2020 20:18:26
Sep 17, 2020 20:06:05	Sep 17, 2020 20:16:05



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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 08, 2020 20:09:31	Sep 08, 2020 20:19:31
Sep 09, 2020 20:08:10	Sep 09, 2020 20:21:10
Sep 10, 2020 20:06:49	Sep 10, 2020 20:20:49
Sep 11, 2020 20:05:28	Sep 11, 2020 20:21:28
Sep 12, 2020 20:05:06	Sep 12, 2020 20:21:06
Sep 13, 2020 20:04:45	Sep 13, 2020 20:20:45
Sep 14, 2020 20:04:24	Sep 14, 2020 20:20:24
Sep 15, 2020 20:05:02	Sep 15, 2020 20:19:02
Sep 16, 2020 20:06:41	Sep 16, 2020 20:17:41
Sep 17, 2020 20:08:20	Sep 17, 2020 20:14:20

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 07, 2020 20:09:46	Sep 07, 2020 20:17:46
Sep 08, 2020 20:07:25	Sep 08, 2020 20:19:25
Sep 09, 2020 20:06:04	Sep 09, 2020 20:20:04
Sep 10, 2020 20:04:43	Sep 10, 2020 20:20:43
Sep 11, 2020 20:04:22	Sep 11, 2020 20:20:22
Sep 12, 2020 20:04:01	Sep 12, 2020 20:20:01
Sep 13, 2020 20:03:40	Sep 13, 2020 20:19:40
Sep 14, 2020 20:04:18	Sep 14, 2020 20:18:18
Sep 15, 2020 20:04:57	Sep 15, 2020 20:16:57
Sep 16, 2020 20:06:36	Sep 16, 2020 20:14:36

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 06, 2020 20:11:54	Sep 06, 2020 20:16:54
Sep 07, 2020 20:08:33	Sep 07, 2020 20:18:33
Sep 08, 2020 20:06:13	Sep 08, 2020 20:20:13
Sep 09, 2020 20:04:52	Sep 09, 2020 20:20:52
Sep 10, 2020 20:04:31	Sep 10, 2020 20:20:31
Sep 11, 2020 20:04:10	Sep 11, 2020 20:20:10
Sep 12, 2020 20:03:48	Sep 12, 2020 20:19:48
Sep 13, 2020 20:04:27	Sep 13, 2020 20:19:27
Sep 14, 2020 20:05:06	Sep 14, 2020 20:18:06
Sep 15, 2020 20:05:44	Sep 15, 2020 20:15:44

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 08, 2020 20:11:25	Sep 08, 2020 20:15:25
Sep 09, 2020 20:08:04	Sep 09, 2020 20:18:04
Sep 10, 2020 20:05:43	Sep 10, 2020 20:19:43
Sep 11, 2020 20:04:21	Sep 11, 2020 20:20:21
Sep 12, 2020 20:04:00	Sep 12, 2020 20:20:00
Sep 13, 2020 20:03:39	Sep 13, 2020 20:19:39
Sep 14, 2020 20:03:18	Sep 14, 2020 20:19:18
Sep 15, 2020 20:03:56	Sep 15, 2020 20:18:56
Sep 16, 2020 20:04:35	Sep 16, 2020 20:17:35
Sep 17, 2020 20:05:14	Sep 17, 2020 20:15:14

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 08, 2020 20:08:40	Sep 08, 2020 20:18:40
Sep 09, 2020 20:07:19	Sep 09, 2020 20:20:19
Sep 10, 2020 20:05:58	Sep 10, 2020 20:19:58
Sep 11, 2020 20:04:37	Sep 11, 2020 20:20:37
Sep 12, 2020 20:04:15	Sep 12, 2020 20:20:15
Sep 13, 2020 20:03:54	Sep 13, 2020 20:19:54

Sep 14, 2020 20:03:33	Sep 14, 2020 20:19:33
Sep 15, 2020 20:04:12	Sep 15, 2020 20:18:12
Sep 16, 2020 20:05:50	Sep 16, 2020 20:16:50
Sep 17, 2020 20:08:29	Sep 17, 2020 20:13:29



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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 07, 2020 20:01:43	Sep 07, 2020 20:09:43
Sep 08, 2020 19:59:22	Sep 08, 2020 20:11:22
Sep 09, 2020 19:58:01	Sep 09, 2020 20:12:01
Sep 10, 2020 19:56:40	Sep 10, 2020 20:12:40
Sep 11, 2020 19:56:19	Sep 11, 2020 20:12:19
Sep 12, 2020 19:55:58	Sep 12, 2020 20:11:58
Sep 13, 2020 19:55:36	Sep 13, 2020 20:11:36
Sep 14, 2020 19:56:15	Sep 14, 2020 20:10:15
Sep 15, 2020 19:56:54	Sep 15, 2020 20:08:54
Sep 16, 2020 19:58:32	Sep 16, 2020 20:06:32

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 06, 2020 20:02:53	Sep 06, 2020 20:08:53
Sep 07, 2020 20:00:32	Sep 07, 2020 20:11:32
Sep 08, 2020 19:58:11	Sep 08, 2020 20:12:11
Sep 09, 2020 19:56:50	Sep 09, 2020 20:12:50
Sep 10, 2020 19:56:29	Sep 10, 2020 20:12:29
Sep 11, 2020 19:56:08	Sep 11, 2020 20:12:08
Sep 12, 2020 19:55:47	Sep 12, 2020 20:11:47
Sep 13, 2020 19:56:26	Sep 13, 2020 20:11:26
Sep 14, 2020 19:57:04	Sep 14, 2020 20:10:04
Sep 15, 2020 19:57:43	Sep 15, 2020 20:07:43

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 08, 2020 20:02:17	Sep 08, 2020 20:08:17
Sep 09, 2020 19:59:56	Sep 09, 2020 20:10:56
Sep 10, 2020 19:57:35	Sep 10, 2020 20:11:35
Sep 11, 2020 19:56:13	Sep 11, 2020 20:12:13
Sep 12, 2020 19:55:52	Sep 12, 2020 20:11:52
Sep 13, 2020 19:55:31	Sep 13, 2020 20:11:31
Sep 14, 2020 19:55:10	Sep 14, 2020 20:11:10
Sep 15, 2020 19:55:48	Sep 15, 2020 20:09:48
Sep 16, 2020 19:56:27	Sep 16, 2020 20:08:27
Sep 17, 2020 19:57:06	Sep 17, 2020 20:07:06

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 08, 2020 20:00:35	Sep 08, 2020 20:10:35
Sep 09, 2020 19:59:14	Sep 09, 2020 20:12:14
Sep 10, 2020 19:57:53	Sep 10, 2020 20:12:53
Sep 11, 2020 19:56:32	Sep 11, 2020 20:12:32
Sep 12, 2020 19:56:11	Sep 12, 2020 20:12:11
Sep 13, 2020 19:55:50	Sep 13, 2020 20:11:50
Sep 14, 2020 19:55:28	Sep 14, 2020 20:11:28
Sep 15, 2020 19:56:07	Sep 15, 2020 20:10:07
Sep 16, 2020 19:57:46	Sep 16, 2020 20:07:46
Sep 17, 2020 20:00:24	Sep 17, 2020 20:04:24

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 07, 2020 19:53:37	Sep 07, 2020 20:01:37
Sep 08, 2020 19:51:16	Sep 08, 2020 20:03:16
Sep 09, 2020 19:49:55	Sep 09, 2020 20:03:55
Sep 10, 2020 19:48:34	Sep 10, 2020 20:04:34
Sep 11, 2020 19:48:13	Sep 11, 2020 20:04:13
Sep 12, 2020 19:47:52	Sep 12, 2020 20:03:52
Sep 13, 2020 19:47:31	Sep 13, 2020 20:03:31
Sep 14, 2020 19:48:09	Sep 14, 2020 20:02:09

Sep 15, 2020 19:48:48    Sep 15, 2020 20:00:48  
Sep 16, 2020 19:50:27    Sep 16, 2020 19:58:27



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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 06, 2020 19:54:49	Sep 06, 2020 20:00:49
Sep 07, 2020 19:52:29	Sep 07, 2020 20:03:29
Sep 08, 2020 19:50:08	Sep 08, 2020 20:04:08
Sep 09, 2020 19:48:47	Sep 09, 2020 20:04:47
Sep 10, 2020 19:48:26	Sep 10, 2020 20:04:26
Sep 11, 2020 19:48:05	Sep 11, 2020 20:04:05
Sep 12, 2020 19:47:43	Sep 12, 2020 20:03:43
Sep 13, 2020 19:48:22	Sep 13, 2020 20:02:22
Sep 14, 2020 19:49:01	Sep 14, 2020 20:02:01
Sep 15, 2020 19:49:40	Sep 15, 2020 19:59:40

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 08, 2020 19:54:06	Sep 08, 2020 20:00:06
Sep 09, 2020 19:51:45	Sep 09, 2020 20:02:45
Sep 10, 2020 19:49:24	Sep 10, 2020 20:03:24
Sep 11, 2020 19:48:03	Sep 11, 2020 20:04:03
Sep 12, 2020 19:47:42	Sep 12, 2020 20:03:42
Sep 13, 2020 19:47:21	Sep 13, 2020 20:03:21
Sep 14, 2020 19:46:59	Sep 14, 2020 20:02:59
Sep 15, 2020 19:47:38	Sep 15, 2020 20:01:38
Sep 16, 2020 19:48:17	Sep 16, 2020 20:00:17
Sep 17, 2020 19:48:55	Sep 17, 2020 19:58:55

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
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Sep 08, 2020 19:52:29	Sep 08, 2020 20:02:29
Sep 09, 2020 19:51:08	Sep 09, 2020 20:04:08
Sep 10, 2020 19:49:47	Sep 10, 2020 20:04:47
Sep 11, 2020 19:48:26	Sep 11, 2020 20:04:26
Sep 12, 2020 19:48:04	Sep 12, 2020 20:04:04
Sep 13, 2020 19:47:43	Sep 13, 2020 20:03:43
Sep 14, 2020 19:47:22	Sep 14, 2020 20:03:22
Sep 15, 2020 19:48:00	Sep 15, 2020 20:02:00
Sep 16, 2020 19:49:39	Sep 16, 2020 19:59:39
Sep 17, 2020 19:52:18	Sep 17, 2020 19:56:18