

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



<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 24, 2020 19:55:45	Sep 24, 2020 20:05:45
Sep 25, 2020 19:53:25	Sep 25, 2020 20:07:25
Sep 26, 2020 19:52:04	Sep 26, 2020 20:08:04
Sep 27, 2020 19:51:44	Sep 27, 2020 20:07:44
Sep 28, 2020 19:51:24	Sep 28, 2020 20:07:24
Sep 29, 2020 19:51:04	Sep 29, 2020 20:07:04
Sep 30, 2020 19:51:44	Sep 30, 2020 20:06:44
Oct 01, 2020 19:51:25	Oct 01, 2020 20:05:25
Oct 02, 2020 19:53:06	Oct 02, 2020 20:03:06

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 23, 2020 19:54:56	Sep 23, 2020 20:04:56
Sep 24, 2020 19:52:35	Sep 24, 2020 20:06:35
Sep 25, 2020 19:52:15	Sep 25, 2020 20:07:15
Sep 26, 2020 19:50:54	Sep 26, 2020 20:06:54
Sep 27, 2020 19:50:34	Sep 27, 2020 20:06:34
Sep 28, 2020 19:50:14	Sep 28, 2020 20:06:14
Sep 29, 2020 19:49:54	Sep 29, 2020 20:05:54
Sep 30, 2020 19:50:34	Sep 30, 2020 20:04:34
Oct 01, 2020 19:52:15	Oct 01, 2020 20:02:15

**Sun Outages at SN. JUAN D NORTE**  
**Satellite EUTELSAT 117 WEST B (SATMEX-9)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 22, 2020 19:57:53	Sep 22, 2020 20:05:53
Sep 23, 2020 19:55:32	Sep 23, 2020 20:07:32
Sep 24, 2020 19:54:12	Sep 24, 2020 20:08:12

Sep 25, 2020 19:52:51	Sep 25, 2020 20:08:51
Sep 26, 2020 19:52:30	Sep 26, 2020 20:08:30
Sep 27, 2020 19:52:10	Sep 27, 2020 20:08:10
Sep 28, 2020 19:51:50	Sep 28, 2020 20:07:50
Sep 29, 2020 19:52:30	Sep 29, 2020 20:06:30
Sep 30, 2020 19:53:10	Sep 30, 2020 20:05:10
Oct 01, 2020 19:55:51	Oct 01, 2020 20:01:51



**Sun Outages at SN. JUAN D SUR**  
**Satellite EUTELSAT 117 WEST B (SATMEX-9)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 22, 2020 19:57:43	Sep 22, 2020 20:03:43
Sep 23, 2020 19:54:22	Sep 23, 2020 20:06:22
Sep 24, 2020 19:53:01	Sep 24, 2020 20:07:01
Sep 25, 2020 19:51:41	Sep 25, 2020 20:07:41
Sep 26, 2020 19:51:20	Sep 26, 2020 20:07:20
Sep 27, 2020 19:51:00	Sep 27, 2020 20:07:00
Sep 28, 2020 19:50:40	Sep 28, 2020 20:06:40
Sep 29, 2020 19:51:20	Sep 29, 2020 20:05:20
Sep 30, 2020 19:52:00	Sep 30, 2020 20:04:00
Oct 01, 2020 19:53:41	Oct 01, 2020 20:01:41

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 24, 2020 19:54:51	Sep 24, 2020 20:04:51
Sep 25, 2020 19:52:30	Sep 25, 2020 20:06:30
Sep 26, 2020 19:51:10	Sep 26, 2020 20:07:10
Sep 27, 2020 19:50:50	Sep 27, 2020 20:06:50
Sep 28, 2020 19:50:29	Sep 28, 2020 20:06:29
Sep 29, 2020 19:50:10	Sep 29, 2020 20:06:10
Sep 30, 2020 19:50:50	Sep 30, 2020 20:05:50
Oct 01, 2020 19:50:31	Oct 01, 2020 20:04:31
Oct 02, 2020 19:52:12	Oct 02, 2020 20:02:12

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



<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 23, 2020 19:54:02	Sep 23, 2020 20:04:02
Sep 24, 2020 19:51:41	Sep 24, 2020 20:05:41
Sep 25, 2020 19:51:20	Sep 25, 2020 20:06:20
Sep 26, 2020 19:50:00	Sep 26, 2020 20:06:00
Sep 27, 2020 19:49:39	Sep 27, 2020 20:05:39
Sep 28, 2020 19:49:19	Sep 28, 2020 20:05:19
Sep 29, 2020 19:48:59	Sep 29, 2020 20:04:59
Sep 30, 2020 19:49:40	Sep 30, 2020 20:03:40
Oct 01, 2020 19:51:20	Oct 01, 2020 20:01:20

**Sun Outages at SN. JUAN D NORTE**  
**Satellite EUTELSAT 117 WEST A (SATMEX-8)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 22, 2020 19:56:59	Sep 22, 2020 20:04:59
Sep 23, 2020 19:54:38	Sep 23, 2020 20:06:38
Sep 24, 2020 19:53:17	Sep 24, 2020 20:07:17
Sep 25, 2020 19:51:57	Sep 25, 2020 20:07:57
Sep 26, 2020 19:51:36	Sep 26, 2020 20:07:36
Sep 27, 2020 19:51:16	Sep 27, 2020 20:07:16
Sep 28, 2020 19:50:56	Sep 28, 2020 20:06:56
Sep 29, 2020 19:51:36	Sep 29, 2020 20:05:36
Sep 30, 2020 19:52:16	Sep 30, 2020 20:04:16
Oct 01, 2020 19:54:57	Oct 01, 2020 20:00:57

**Sun Outages at SN. JUAN D SUR**  
**Satellite EUTELSAT 117 WEST A (SATMEX-8)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 22, 2020 19:56:49	Sep 22, 2020 20:02:49
Sep 23, 2020 19:53:28	Sep 23, 2020 20:05:28
Sep 24, 2020 19:52:07	Sep 24, 2020 20:06:07
Sep 25, 2020 19:50:46	Sep 25, 2020 20:06:46

Sep 26, 2020 19:50:26	Sep 26, 2020 20:06:26
Sep 27, 2020 19:50:05	Sep 27, 2020 20:06:05
Sep 28, 2020 19:49:45	Sep 28, 2020 20:05:45
Sep 29, 2020 19:50:25	Sep 29, 2020 20:04:25
Sep 30, 2020 19:51:06	Sep 30, 2020 20:03:06
Oct 01, 2020 19:52:46	Oct 01, 2020 20:00:46



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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 24, 2020 19:46:15	Sep 24, 2020 19:56:15
Sep 25, 2020 19:43:54	Sep 25, 2020 19:57:54
Sep 26, 2020 19:43:34	Sep 26, 2020 19:58:34
Sep 27, 2020 19:42:13	Sep 27, 2020 19:58:13
Sep 28, 2020 19:41:53	Sep 28, 2020 19:57:53
Sep 29, 2020 19:41:33	Sep 29, 2020 19:57:33
Sep 30, 2020 19:41:14	Sep 30, 2020 19:57:14
Oct 01, 2020 19:41:54	Oct 01, 2020 19:55:54
Oct 02, 2020 19:43:35	Oct 02, 2020 19:53:35

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 23, 2020 19:45:22	Sep 23, 2020 19:55:22
Sep 24, 2020 19:43:01	Sep 24, 2020 19:57:01
Sep 25, 2020 19:42:41	Sep 25, 2020 19:57:41
Sep 26, 2020 19:41:20	Sep 26, 2020 19:57:20
Sep 27, 2020 19:41:00	Sep 27, 2020 19:57:00
Sep 28, 2020 19:40:40	Sep 28, 2020 19:56:40
Sep 29, 2020 19:40:20	Sep 29, 2020 19:56:20
Sep 30, 2020 19:41:00	Sep 30, 2020 19:55:00
Oct 01, 2020 19:42:41	Oct 01, 2020 19:52:41

**Sun Outages at SN. JUAN D NORTE**  
**Satellite EUTELSAT 115 WEST B (SATMEX-7)**



<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 22, 2020 19:48:22	Sep 22, 2020 19:56:22
Sep 23, 2020 19:46:01	Sep 23, 2020 19:58:01
Sep 24, 2020 19:44:40	Sep 24, 2020 19:58:40
Sep 25, 2020 19:43:20	Sep 25, 2020 19:59:20
Sep 26, 2020 19:42:59	Sep 26, 2020 19:58:59
Sep 27, 2020 19:42:39	Sep 27, 2020 19:58:39
Sep 28, 2020 19:42:19	Sep 28, 2020 19:58:19
Sep 29, 2020 19:42:59	Sep 29, 2020 19:56:59
Sep 30, 2020 19:43:39	Sep 30, 2020 19:55:39
Oct 01, 2020 19:46:20	Oct 01, 2020 19:52:20

**Sun Outages at SN. JUAN D SUR**  
**Satellite EUTELSAT 115 WEST B (SATMEX-7)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 22, 2020 19:48:10	Sep 22, 2020 19:54:10
Sep 23, 2020 19:44:49	Sep 23, 2020 19:56:49
Sep 24, 2020 19:43:28	Sep 24, 2020 19:57:28
Sep 25, 2020 19:42:07	Sep 25, 2020 19:58:07
Sep 26, 2020 19:41:47	Sep 26, 2020 19:57:47
Sep 27, 2020 19:41:26	Sep 27, 2020 19:57:26
Sep 28, 2020 19:41:06	Sep 28, 2020 19:57:06
Sep 29, 2020 19:41:46	Sep 29, 2020 19:55:46
Sep 30, 2020 19:42:27	Sep 30, 2020 19:54:27
Oct 01, 2020 19:44:07	Oct 01, 2020 19:52:07

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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 24, 2020 19:37:37	Sep 24, 2020 19:47:37
Sep 25, 2020 19:35:16	Sep 25, 2020 19:49:16
Sep 26, 2020 19:34:56	Sep 26, 2020 19:49:56
Sep 27, 2020 19:33:35	Sep 27, 2020 19:49:35

Sep 28, 2020 19:33:15	Sep 28, 2020 19:49:15
Sep 29, 2020 19:32:55	Sep 29, 2020 19:48:55
Sep 30, 2020 19:32:36	Sep 30, 2020 19:48:36
Oct 01, 2020 19:33:16	Oct 01, 2020 19:47:16
Oct 02, 2020 19:34:57	Oct 02, 2020 19:44:57



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

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 23, 2020 19:36:41	Sep 23, 2020 19:46:41
Sep 24, 2020 19:34:20	Sep 24, 2020 19:48:20
Sep 25, 2020 19:33:59	Sep 25, 2020 19:47:59
Sep 26, 2020 19:32:39	Sep 26, 2020 19:48:39
Sep 27, 2020 19:32:19	Sep 27, 2020 19:48:19
Sep 28, 2020 19:31:58	Sep 28, 2020 19:47:58
Sep 29, 2020 19:31:39	Sep 29, 2020 19:47:39
Sep 30, 2020 19:32:19	Sep 30, 2020 19:46:19
Oct 01, 2020 19:34:00	Oct 01, 2020 19:44:00

**Sun Outages at SN. JUAN D NORTE**  
**Satellite EUTELSAT 113 WEST A (SATMEX-6)**

<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 22, 2020 19:39:43	Sep 22, 2020 19:47:43
Sep 23, 2020 19:37:22	Sep 23, 2020 19:49:22
Sep 24, 2020 19:36:01	Sep 24, 2020 19:50:01
Sep 25, 2020 19:34:41	Sep 25, 2020 19:50:41
Sep 26, 2020 19:34:20	Sep 26, 2020 19:50:20
Sep 27, 2020 19:34:00	Sep 27, 2020 19:50:00
Sep 28, 2020 19:33:40	Sep 28, 2020 19:49:40
Sep 29, 2020 19:34:20	Sep 29, 2020 19:48:20
Sep 30, 2020 19:35:00	Sep 30, 2020 19:47:00
Oct 01, 2020 19:37:41	Oct 01, 2020 19:43:41

**Sun Outages at SN. JUAN D SUR**  
**Satellite EUTELSAT 113 WEST A (SATMEX-6)**



<b>Begin (GMT)</b>	<b>End (GMT)</b>
Sep 22, 2020 19:39:29	Sep 22, 2020 19:45:29
Sep 23, 2020 19:36:08	Sep 23, 2020 19:48:08
Sep 24, 2020 19:34:47	Sep 24, 2020 19:48:47
Sep 25, 2020 19:33:26	Sep 25, 2020 19:49:26
Sep 26, 2020 19:33:06	Sep 26, 2020 19:49:06
Sep 27, 2020 19:32:45	Sep 27, 2020 19:48:45
Sep 28, 2020 19:32:25	Sep 28, 2020 19:48:25
Sep 29, 2020 19:33:05	Sep 29, 2020 19:47:05
Sep 30, 2020 19:33:46	Sep 30, 2020 19:45:46
Oct 01, 2020 19:35:26	Oct 01, 2020 19:43:26