

Date	AOS	LOS	Duration (H:MM:SS)	Peak Azimuth (Deg)	Peak Elevation (Deg)
10/29/2018	11:55:34 PM	12:08:14 AM	0:12:40	73.70	44.80
10/30/2018	1:16:46 PM	1:29:54 PM	0:13:08	285.70	54.70
10/31/2018	12:03:03 AM	12:15:51 AM	0:12:48	75.70	56.60
10/31/2018	1:24:25 PM	1:37:22 PM	0:12:57	286.80	43.70
11/1/2018	12:10:34 AM	12:23:28 AM	0:12:54	76.10	71.90
11/1/2018	1:32:04 PM	1:44:49 PM	0:12:45	287.60	35.40
11/2/2018	12:18:07 AM	12:31:03 AM	0:12:56	160.80	89.40
11/2/2018	1:39:44 PM	1:52:14 PM	0:12:30	287.90	28.90
11/3/2018	12:25:42 AM	12:38:38 AM	0:12:56	257.90	72.00
11/3/2018	12:12:01 PM	12:24:16 PM	0:12:15	96.30	22.50
11/3/2018	1:47:25 PM	1:59:37 PM	0:12:12	289.00	23.90
11/4/2018	12:33:19 AM	12:46:11 AM	0:12:52	258.20	56.60
11/4/2018	12:19:28 PM	12:32:03 PM	0:12:35	96.90	27.50
11/5/2018	12:40:58 AM	12:53:43 AM	0:12:45	260.30	44.60
11/5/2018	12:26:57 PM	12:39:47 PM	0:12:50	98.60	33.80
11/6/2018	12:48:39 AM	1:01:14 AM	0:12:35	262.70	35.60
11/6/2018	12:34:26 PM	12:47:30 PM	0:13:04	98.90	42.00
11/7/2018	12:56:22 AM	1:08:43 AM	0:12:21	262.50	28.70
11/7/2018	12:41:58 PM	12:55:10 PM	0:13:12	99.10	52.70
11/7/2018	11:28:56 PM	11:40:41 PM	0:11:45	69.70	21.40
11/8/2018	1:04:08 AM	1:16:10 AM	0:12:02	263.70	23.40
11/8/2018	12:49:31 PM	1:02:48 PM	0:13:17	100.60	66.60
11/8/2018	11:36:16 PM	11:48:24 PM	0:12:08	71.70	26.00
11/9/2018	12:57:05 PM	1:10:24 PM	0:13:19	94.90	83.20
11/9/2018	11:43:40 PM	11:56:05 PM	0:12:25	72.30	31.80
11/10/2018	1:04:39 PM	1:17:58 PM	0:13:19	278.10	79.10
11/10/2018	11:51:05 PM	12:03:44 AM	0:12:39	74.20	39.30
11/11/2018	1:12:15 PM	1:25:30 PM	0:13:15	283.70	63.10
11/11/2018	11:58:33 PM	12:11:22 AM	0:12:49	74.50	49.30
11/12/2018	1:19:53 PM	1:33:00 PM	0:13:07	286.30	50.20
11/13/2018	12:06:01 AM	12:19:01 AM	0:13:00	74.30	62.30
11/13/2018	1:27:32 PM	1:40:27 PM	0:12:55	287.20	40.40
11/14/2018	12:13:33 AM	12:26:37 AM	0:13:04	79.30	78.60
11/14/2018	1:35:11 PM	1:47:53 PM	0:12:42	287.90	32.80
11/15/2018	12:21:06 AM	12:34:12 AM	0:13:06	265.30	83.20
11/15/2018	1:42:51 PM	1:55:17 PM	0:12:26	288.10	26.90
11/16/2018	12:28:42 AM	12:41:46 AM	0:13:04	258.20	66.20
11/16/2018	12:15:04 PM	12:27:27 PM	0:12:23	95.80	24.30
11/17/2018	12:36:19 AM	12:49:19 AM	0:13:00	261.50	52.20
11/17/2018	12:22:32 PM	12:35:12 PM	0:12:40	96.80	29.70
11/18/2018	12:43:59 AM	12:56:50 AM	0:12:51	261.10	41.40
11/18/2018	12:30:01 PM	12:42:55 PM	0:12:54	98.60	36.70
11/19/2018	12:51:41 AM	1:04:20 AM	0:12:39	262.10	33.30
11/19/2018	12:37:31 PM	12:50:37 PM	0:13:06	99.80	45.70
11/20/2018	12:59:24 AM	1:11:49 AM	0:12:25	263.40	27.00
11/20/2018	12:45:03 PM	12:58:16 PM	0:13:13	100.60	57.60
11/20/2018	11:31:50 PM	11:43:52 PM	0:12:02	70.90	23.40
11/21/2018	1:07:12 AM	1:19:15 AM	0:12:03	264.10	22.10
11/21/2018	12:52:36 PM	1:05:53 PM	0:13:17	104.00	72.60

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11/22/2018	11:46:35 PM	11:59:14 PM	0:12:39	73.50	34.90
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11/30/2018	12:25:36 PM	12:38:16 PM	0:12:40	98.10	31.80