

SOLAR OUTAGE RISK 2009**Late Season Group**

Greenwich Mean Time (GMT)

AMOS 2/3, 4.00W

Wide antenna beamwidth at 11 GHz

Site 1

Tel-Aviv/Israel, 32.08N, 34.47E, EL=34.40, AZ=236.24, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Sep 28	12:22:16	12:26:54	12:31:32	Low	2.8962
Sep 29	12:19:08	12:26:34	12:34:00	Low	2.5078
Sep 30	12:17:04	12:26:14	12:35:24	Low	2.1198
Oct 1	12:15:31	12:25:55	12:36:19	Medium	1.7323
Oct 2	12:14:18	12:25:35	12:36:53	Medium	1.3455
Oct 3	12:13:22	12:25:16	12:37:11	High	0.9594
Oct 4	12:12:40	12:24:58	12:37:16	High	0.5742
Oct 5	12:12:10	12:24:40	12:37:10	High	0.1898
Oct 6	12:11:52	12:24:22	12:36:52	High	0.1935
Oct 7	12:11:45	12:24:04	12:36:23	High	0.5758
Oct 8	12:11:51	12:23:47	12:35:43	High	0.9569
Oct 9	12:12:11	12:23:31	12:34:50	Medium	1.3367
Oct 10	12:12:46	12:23:15	12:33:43	Medium	1.7151
Oct 11	12:13:41	12:22:59	12:32:17	Low	2.0920
Oct 12	12:15:03	12:22:44	12:30:25	Low	2.4674
Oct 13	12:17:19	12:22:29	12:27:40	Low	2.8410

Site 2

Viena/Austria, 48.13N, 16.22E, EL=31.37, AZ=206.32, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 3	12:09:59	12:13:50	12:17:41	Low	2.9676
Oct 4	12:06:30	12:13:31	12:20:33	Low	2.5824
Oct 5	12:04:19	12:13:13	12:22:07	Low	2.1982
Oct 6	12:02:43	12:12:55	12:23:07	Medium	1.8149
Oct 7	12:01:29	12:12:38	12:23:47	Medium	1.4328
Oct 8	12:00:32	12:12:21	12:24:10	High	1.0518
Oct 9	11:59:48	12:12:04	12:24:20	High	0.6721
Oct 10	11:59:17	12:11:48	12:24:19	High	0.2938

Oct 11	11:58:58	12:11:32	12:24:06	High	0.0830
Oct 12	11:58:51	12:11:17	12:23:44	High	0.4582
Oct 13	11:58:55	12:11:03	12:23:10	High	0.8317
Oct 14	11:59:12	12:10:49	12:22:25	High	1.2034
Oct 15	11:59:43	12:10:35	12:21:28	Medium	1.5732
Oct 16	12:00:31	12:10:22	12:20:14	Low	1.9410
Oct 17	12:01:41	12:10:10	12:18:39	Low	2.3066
Oct 18	12:03:27	12:09:58	12:16:29	Low	2.6699
Oct 19	12:06:49	12:09:47	12:12:45	Low	3.0309

Site 3

Nicosia/Cyprus, 35.05N, 33.13E, EL=33.51, AZ=232.82, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Sep 29	12:20:48	12:25:16	12:29:45	Low	2.9120
Sep 30	12:17:36	12:24:56	12:32:17	Low	2.5240
Oct 1	12:15:30	12:24:37	12:33:44	Low	2.1366
Oct 2	12:13:56	12:24:18	12:34:39	Medium	1.7498
Oct 3	12:12:43	12:23:59	12:35:14	Medium	1.3638
Oct 4	12:11:47	12:23:40	12:35:34	High	0.9785
Oct 5	12:11:04	12:23:22	12:35:40	High	0.5942
Oct 6	12:10:34	12:23:04	12:35:34	High	0.2108
Oct 7	12:10:16	12:22:47	12:35:18	High	0.1714
Oct 8	12:10:09	12:22:30	12:34:50	High	0.5525
Oct 9	12:10:15	12:22:13	12:34:11	High	0.9323
Oct 10	12:10:34	12:21:57	12:33:20	Medium	1.3106
Oct 11	12:11:08	12:21:41	12:32:15	Medium	1.6875
Oct 12	12:12:01	12:21:26	12:30:51	Low	2.0629
Oct 13	12:13:21	12:21:12	12:29:02	Low	2.4365
Oct 14	12:15:30	12:20:58	12:26:26	Low	2.8083

Site 4

Sofia/Bulgaria, 42.41N, 23.19E, EL=33.85, AZ=217.30, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 1	12:17:24	12:18:37	12:19:50	Low	3.1038
Oct 2	12:12:09	12:18:18	12:24:27	Low	2.7171
Oct 3	12:09:40	12:17:59	12:26:18	Low	2.3310
Oct 4	12:07:53	12:17:40	12:27:28	Low	1.9458
Oct 5	12:06:31	12:17:22	12:28:13	Medium	1.5615

Oct 6	12:05:28	12:17:04	12:28:41	High	1.1782
Oct 7	12:04:39	12:16:47	12:28:55	High	0.7960
Oct 8	12:04:04	12:16:30	12:28:56	High	0.4150
Oct 9	12:03:40	12:16:13	12:28:46	High	0.0352
Oct 10	12:03:28	12:15:57	12:28:26	High	0.3431
Oct 11	12:03:28	12:15:42	12:27:55	High	0.7200
Oct 12	12:03:40	12:15:26	12:27:12	High	1.0953
Oct 13	12:04:06	12:15:12	12:26:17	Medium	1.4688
Oct 14	12:04:49	12:14:58	12:25:07	Medium	1.8406
Oct 15	12:05:52	12:14:44	12:23:37	Low	2.2104
Oct 16	12:07:27	12:14:32	12:21:36	Low	2.5782
Oct 17	12:10:10	12:14:19	12:18:28	Low	2.9439

Site 5

Praha/Chek Rep., 50.05N, 14.25E, EL=30.07, AZ=203.27, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 4	12:06:37	12:12:22	12:18:07	Low	2.7707
Oct 5	12:04:00	12:12:04	12:20:08	Low	2.3865
Oct 6	12:02:09	12:11:46	12:21:23	Low	2.0033
Oct 7	12:00:45	12:11:29	12:22:12	Medium	1.6211
Oct 8	11:59:40	12:11:11	12:22:43	High	1.2402
Oct 9	11:58:50	12:10:55	12:22:59	High	0.8605
Oct 10	11:58:14	12:10:39	12:23:04	High	0.4822
Oct 11	11:57:49	12:10:23	12:22:57	High	0.1055
Oct 12	11:57:36	12:10:08	12:22:40	High	0.2697
Oct 13	11:57:35	12:09:53	12:22:12	High	0.6432
Oct 14	11:57:45	12:09:39	12:21:34	High	1.0149
Oct 15	11:58:09	12:09:26	12:20:43	Medium	1.3846
Oct 16	11:58:48	12:09:13	12:19:38	Medium	1.7523
Oct 17	11:59:46	12:09:01	12:18:16	Low	2.1179
Oct 18	12:01:11	12:08:49	12:16:28	Low	2.4812
Oct 19	12:03:26	12:08:38	12:13:50	Low	2.8421

Site 6

Tallin/Estonia, 59.22N, 24.48E, EL=18.52, AZ=212.27, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 5	12:10:37	12:13:27	12:16:18	Low	3.0375
Oct 6	12:06:34	12:13:09	12:19:45	Low	2.6547

Oct 7	12:04:16	12:12:52	12:21:28	Low	2.2730
Oct 8	12:02:36	12:12:35	12:22:34	Medium	1.8925
Oct 9	12:01:19	12:12:18	12:23:18	Medium	1.5133
Oct 10	12:00:20	12:12:02	12:23:45	High	1.1354
Oct 11	11:59:35	12:11:47	12:23:59	High	0.7592
Oct 12	11:59:02	12:11:32	12:24:01	High	0.3845
Oct 13	11:58:42	12:11:17	12:23:53	High	0.0115
Oct 14	11:58:32	12:11:03	12:23:34	High	0.3596
Oct 15	11:58:34	12:10:50	12:23:05	High	0.7287
Oct 16	11:58:49	12:10:37	12:22:26	High	1.0958
Oct 17	11:59:16	12:10:25	12:21:34	Medium	1.4607
Oct 18	11:59:59	12:10:13	12:20:28	Medium	1.8234
Oct 19	12:01:01	12:10:02	12:19:04	Low	2.1836
Oct 20	12:02:33	12:09:52	12:17:12	Low	2.5414
Oct 21	12:05:01	12:09:42	12:14:24	Low	2.8965

Site 7

Berlin/Germany, 52.32N, 13.25E, EL=28.06, AZ=201.42, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 4	12:07:47	12:11:35	12:15:23	Low	2.9724
Oct 5	12:04:17	12:11:17	12:18:17	Low	2.5882
Oct 6	12:02:06	12:10:59	12:19:51	Low	2.2050
Oct 7	12:00:30	12:10:41	12:20:53	Medium	1.8229
Oct 8	11:59:16	12:10:24	12:21:32	Medium	1.4420
Oct 9	11:58:19	12:10:08	12:21:56	High	1.0623
Oct 10	11:57:36	12:09:52	12:22:07	High	0.6841
Oct 11	11:57:05	12:09:36	12:22:07	High	0.3074
Oct 12	11:56:46	12:09:21	12:21:56	High	0.0677
Oct 13	11:56:39	12:09:06	12:21:34	High	0.4412
Oct 14	11:56:43	12:08:52	12:21:02	High	0.8128
Oct 15	11:56:59	12:08:39	12:20:18	High	1.1825
Oct 16	11:57:30	12:08:26	12:19:22	Medium	1.5501
Oct 17	11:58:17	12:08:14	12:18:11	Low	1.9156
Oct 18	11:59:25	12:08:02	12:16:39	Low	2.2789
Oct 19	12:01:08	12:07:51	12:14:34	Low	2.6397
Oct 20	12:04:12	12:07:40	12:11:09	Low	2.9981

Site 8

Athense/Greece, 37.59N, 23.42E, EL=37.85, AZ=220.38, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Sep 30	12:15:45	12:20:07	12:24:28	Low	2.9230
Oct 1	12:12:30	12:19:47	12:27:04	Low	2.5355
Oct 2	12:10:24	12:19:28	12:28:32	Low	2.1487
Oct 3	12:08:49	12:19:09	12:29:29	Medium	1.7626
Oct 4	12:07:36	12:18:50	12:30:05	Medium	1.3774
Oct 5	12:06:40	12:18:32	12:30:25	High	0.9930
Oct 6	12:05:57	12:18:14	12:30:32	High	0.6097
Oct 7	12:05:27	12:17:57	12:30:27	High	0.2274
Oct 8	12:05:08	12:17:40	12:30:11	High	0.1537
Oct 9	12:05:02	12:17:23	12:29:45	High	0.5335
Oct 10	12:05:07	12:17:07	12:29:07	High	0.9119
Oct 11	12:05:26	12:16:51	12:28:17	Medium	1.2888
Oct 12	12:05:59	12:16:36	12:27:14	Medium	1.6641
Oct 13	12:06:51	12:16:22	12:25:52	Low	2.0377
Oct 14	12:08:09	12:16:08	12:24:07	Low	2.4096
Oct 15	12:10:12	12:15:54	12:21:36	Low	2.7794

Site 9

Bagdad/Iraq, 33.20N, 44.26E, EL=26.07, AZ=243.96, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Sep 28	12:26:10	12:30:12	12:34:13	Low	2.9529
Sep 29	12:22:45	12:29:52	12:36:58	Low	2.5646
Sep 30	12:20:34	12:29:32	12:38:29	Low	2.1766
Oct 1	12:18:57	12:29:12	12:39:27	Medium	1.7893
Oct 2	12:17:42	12:28:53	12:40:04	Medium	1.4025
Oct 3	12:16:44	12:28:34	12:40:24	High	1.0165
Oct 4	12:16:00	12:28:16	12:40:32	High	0.6313
Oct 5	12:15:28	12:27:57	12:40:27	High	0.2471
Oct 6	12:15:08	12:27:40	12:40:11	High	0.1362
Oct 7	12:15:01	12:27:22	12:39:44	High	0.5184
Oct 8	12:15:05	12:27:05	12:39:06	High	0.8994
Oct 9	12:15:22	12:26:49	12:38:15	High	1.2791
Oct 10	12:15:55	12:26:33	12:37:11	Medium	1.6574
Oct 11	12:16:46	12:26:17	12:35:48	Low	2.0343
Oct 12	12:18:04	12:26:02	12:34:01	Low	2.4095
Oct 13	12:20:08	12:25:48	12:31:28	Low	2.7831

Site 10

Rome/Italy, 41.54N, 12.29E, EL=39.20, AZ=203.78, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 1	12:11:36	12:13:48	12:16:00	Low	3.0701
Oct 2	12:07:06	12:13:29	12:19:52	Low	2.6833
Oct 3	12:04:42	12:13:10	12:21:38	Low	2.2972
Oct 4	12:02:57	12:12:51	12:22:45	Low	1.9120
Oct 5	12:01:37	12:12:33	12:23:28	Medium	1.5276
Oct 6	12:00:35	12:12:15	12:23:55	High	1.1443
Oct 7	11:59:48	12:11:58	12:24:07	High	0.7620
Oct 8	11:59:13	12:11:40	12:24:08	High	0.3809
Oct 9	11:58:51	12:11:24	12:23:57	High	0.0012
Oct 10	11:58:40	12:11:08	12:23:36	High	0.3773
Oct 11	11:58:41	12:10:52	12:23:03	High	0.7542
Oct 12	11:58:54	12:10:37	12:22:20	High	1.1295
Oct 13	11:59:22	12:10:22	12:21:23	Medium	1.5031
Oct 14	12:00:05	12:10:08	12:20:11	Medium	1.8749
Oct 15	12:01:11	12:09:55	12:18:39	Low	2.2448
Oct 16	12:02:50	12:09:42	12:16:34	Low	2.6127
Oct 17	12:05:46	12:09:30	12:13:14	Low	2.9784

Site 11

Riga/Latvia, 56.53N, 24.08E, EL=21.03, AZ=212.60, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 5	12:09:04	12:14:06	12:19:07	Low	2.8568
Oct 6	12:06:09	12:13:48	12:21:26	Low	2.4738
Oct 7	12:04:11	12:13:30	12:22:49	Low	2.0919
Oct 8	12:02:43	12:13:13	12:23:43	Medium	1.7113
Oct 9	12:01:35	12:12:57	12:24:19	Medium	1.3319
Oct 10	12:00:42	12:12:41	12:24:39	High	0.9539
Oct 11	12:00:03	12:12:25	12:24:47	High	0.5775
Oct 12	11:59:36	12:12:10	12:24:44	High	0.2026
Oct 13	11:59:21	12:11:56	12:24:30	High	0.1705
Oct 14	11:59:17	12:11:42	12:24:06	High	0.5419
Oct 15	11:59:25	12:11:28	12:23:31	High	0.9112
Oct 16	11:59:45	12:11:15	12:22:45	High	1.2785
Oct 17	12:00:20	12:11:03	12:21:46	Medium	1.6437
Oct 18	12:01:12	12:10:51	12:20:31	Low	2.0066
Oct 19	12:02:27	12:10:40	12:18:54	Low	2.3671

Oct 20	12:04:22	12:10:30	12:16:39	Low	2.7251
Oct 21	12:08:22	12:10:20	12:12:19	Low	3.0805

Site 12

Vilnius/Lithuania, 54.40N, 25.19E, EL=22.54, AZ=214.49, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 4	12:13:13	12:15:21	12:17:28	Low	3.0732
Oct 5	12:08:41	12:15:02	12:21:24	Low	2.6891
Oct 6	12:06:18	12:14:45	12:23:12	Low	2.3061
Oct 7	12:04:34	12:14:27	12:24:20	Low	1.9241
Oct 8	12:03:15	12:14:10	12:25:05	Medium	1.5434
Oct 9	12:02:14	12:13:54	12:25:33	High	1.1639
Oct 10	12:01:27	12:13:37	12:25:48	High	0.7859
Oct 11	12:00:54	12:13:22	12:25:50	High	0.4093
Oct 12	12:00:32	12:13:07	12:25:42	High	0.0344
Oct 13	12:00:21	12:12:52	12:25:23	High	0.3389
Oct 14	12:00:23	12:12:38	12:24:54	High	0.7103
Oct 15	12:00:36	12:12:25	12:24:14	High	1.0797
Oct 16	12:01:02	12:12:12	12:23:22	Medium	1.4472
Oct 17	12:01:44	12:12:00	12:22:16	Medium	1.8124
Oct 18	12:02:46	12:11:48	12:20:51	Low	2.1754
Oct 19	12:04:16	12:11:37	12:18:58	Low	2.5361
Oct 20	12:06:45	12:11:27	12:16:09	Low	2.8942

Site 13

Skopje/Macedonia, 41.58N, 21.27E, EL=35.51, AZ=215.42, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 1	12:14:54	12:17:58	12:21:02	Low	3.0238
Oct 2	12:10:58	12:17:39	12:24:20	Low	2.6370
Oct 3	12:08:40	12:17:20	12:26:00	Low	2.2510
Oct 4	12:06:59	12:17:01	12:27:04	Medium	1.8657
Oct 5	12:05:41	12:16:43	12:27:45	Medium	1.4814
Oct 6	12:04:41	12:16:25	12:28:09	High	1.0981
Oct 7	12:03:55	12:16:08	12:28:20	High	0.7158
Oct 8	12:03:22	12:15:51	12:28:19	High	0.3348
Oct 9	12:03:01	12:15:34	12:28:07	High	0.0450
Oct 10	12:02:52	12:15:18	12:27:44	High	0.4233
Oct 11	12:02:54	12:15:02	12:27:11	High	0.8002

Oct 12	12:03:09	12:14:47	12:26:26	High	1.1755
Oct 13	12:03:38	12:14:33	12:25:27	Medium	1.5491
Oct 14	12:04:24	12:14:19	12:24:13	Low	1.9209
Oct 15	12:05:33	12:14:05	12:22:37	Low	2.2907
Oct 16	12:07:18	12:13:52	12:20:27	Low	2.6586
Oct 17	12:10:36	12:13:40	12:16:44	Low	3.0243

Site 14

Warszawa/Poland, 52.15N, 21.00E, EL=25.99, AZ=210.56, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 4	12:10:04	12:14:30	12:18:56	Low	2.9171
Oct 5	12:06:53	12:14:12	12:21:31	Low	2.5329
Oct 6	12:04:49	12:13:54	12:22:59	Low	2.1498
Oct 7	12:03:16	12:13:37	12:23:57	Medium	1.7677
Oct 8	12:02:05	12:13:19	12:24:34	Medium	1.3869
Oct 9	12:01:09	12:13:03	12:24:56	High	1.0073
Oct 10	12:00:28	12:12:47	12:25:06	High	0.6291
Oct 11	11:59:59	12:12:31	12:25:03	High	0.2524
Oct 12	11:59:42	12:12:16	12:24:50	High	0.1227
Oct 13	11:59:36	12:12:02	12:24:27	High	0.4960
Oct 14	11:59:42	12:11:48	12:23:53	High	0.8676
Oct 15	12:00:00	12:11:34	12:23:08	High	1.2372
Oct 16	12:00:33	12:11:21	12:22:10	Medium	1.6048
Oct 17	12:01:23	12:11:09	12:20:55	Low	1.9702
Oct 18	12:02:35	12:10:57	12:19:20	Low	2.3334
Oct 19	12:04:25	12:10:46	12:17:08	Low	2.6942
Oct 20	12:08:01	12:10:36	12:13:11	Low	3.0525

Site 15

Bucharest/Romania, 44.25N, 26.06E, EL=30.87, AZ=219.67, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 2	12:14:24	12:19:02	12:23:41	Low	2.8964
Oct 3	12:11:17	12:18:43	12:26:09	Low	2.5104
Oct 4	12:09:14	12:18:25	12:27:35	Low	2.1252
Oct 5	12:07:42	12:18:06	12:28:31	Medium	1.7409
Oct 6	12:06:31	12:17:49	12:29:06	Medium	1.3577
Oct 7	12:05:36	12:17:31	12:29:26	High	0.9755
Oct 8	12:04:55	12:17:14	12:29:33	High	0.5945

Oct 9	12:04:26	12:16:58	12:29:29	High	0.2148
Oct 10	12:04:09	12:16:41	12:29:14	High	0.1635
Oct 11	12:04:03	12:16:26	12:28:48	High	0.5403
Oct 12	12:04:10	12:16:11	12:28:12	High	0.9156
Oct 13	12:04:29	12:15:56	12:27:23	Medium	1.2891
Oct 14	12:05:03	12:15:42	12:26:21	Medium	1.6608
Oct 15	12:05:56	12:15:29	12:25:02	Low	2.0306
Oct 16	12:07:13	12:15:16	12:23:19	Low	2.3983
Oct 17	12:09:14	12:15:04	12:20:54	Low	2.7639

Site 16

Bratislava/Slovakia, 48.10N, 17.10E, EL=31.11, AZ=207.40, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 3	12:10:15	12:14:12	12:18:09	Low	2.9599
Oct 4	12:06:49	12:13:53	12:20:58	Low	2.5748
Oct 5	12:04:40	12:13:35	12:22:31	Low	2.1905
Oct 6	12:03:04	12:13:17	12:23:31	Medium	1.8073
Oct 7	12:01:50	12:13:00	12:24:10	Medium	1.4251
Oct 8	12:00:53	12:12:43	12:24:33	High	1.0441
Oct 9	12:00:10	12:12:26	12:24:42	High	0.6644
Oct 10	11:59:39	12:12:10	12:24:41	High	0.2861
Oct 11	11:59:21	12:11:54	12:24:28	High	0.0907
Oct 12	11:59:13	12:11:39	12:24:05	High	0.4659
Oct 13	11:59:18	12:11:25	12:23:32	High	0.8394
Oct 14	11:59:35	12:11:11	12:22:47	High	1.2111
Oct 15	12:00:06	12:10:57	12:21:48	Medium	1.5808
Oct 16	12:00:54	12:10:44	12:20:34	Low	1.9486
Oct 17	12:02:05	12:10:32	12:18:59	Low	2.3142
Oct 18	12:03:53	12:10:20	12:16:48	Low	2.6775
Oct 19	12:07:19	12:10:09	12:13:00	Low	3.0385

Site 17

Ljubliana/Slovenia, 46.04N, 14.28E, EL=34.05, AZ=204.65, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 3	12:07:39	12:13:23	12:19:08	Low	2.7717
Oct 4	12:05:00	12:13:04	12:21:08	Low	2.3865
Oct 5	12:03:09	12:12:46	12:22:23	Low	2.0022
Oct 6	12:01:45	12:12:28	12:23:11	Medium	1.6189

Oct 7	12:00:40	12:12:11	12:23:42	High	1.2367
Oct 8	11:59:49	12:11:54	12:23:58	High	0.8557
Oct 9	11:59:13	12:11:37	12:24:02	High	0.4759
Oct 10	11:58:48	12:11:21	12:23:54	High	0.0976
Oct 11	11:58:34	12:11:05	12:23:36	High	0.2793
Oct 12	11:58:33	12:10:50	12:23:08	High	0.6545
Oct 13	11:58:43	12:10:36	12:22:28	High	1.0281
Oct 14	11:59:07	12:10:22	12:21:36	Medium	1.3998
Oct 15	11:59:46	12:10:08	12:20:30	Medium	1.7696
Oct 16	12:00:45	12:09:55	12:19:05	Low	2.1374
Oct 17	12:02:12	12:09:43	12:17:14	Low	2.5031
Oct 18	12:04:33	12:09:31	12:14:29	Low	2.8665

Site 18

Ukraine/Kiev, 50.28N, 30.29E, EL=23.95, AZ=221.56, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 3	12:16:23	12:18:33	12:20:43	Low	3.0715
Oct 4	12:11:53	12:18:15	12:24:37	Low	2.6865
Oct 5	12:09:29	12:17:57	12:26:24	Low	2.3024
Oct 6	12:07:45	12:17:39	12:27:32	Low	1.9193
Oct 7	12:06:26	12:17:21	12:28:17	Medium	1.5372
Oct 8	12:05:25	12:17:04	12:28:44	High	1.1564
Oct 9	12:04:38	12:16:48	12:28:58	High	0.7769
Oct 10	12:04:04	12:16:32	12:29:00	High	0.3988
Oct 11	12:03:42	12:16:16	12:28:51	High	0.0221
Oct 12	12:03:31	12:16:01	12:28:31	High	0.3529
Oct 13	12:03:32	12:15:47	12:28:01	High	0.7262
Oct 14	12:03:46	12:15:33	12:27:20	High	1.0977
Oct 15	12:04:12	12:15:19	12:26:26	Medium	1.4673
Oct 16	12:04:55	12:15:06	12:25:18	Medium	1.8348
Oct 17	12:05:58	12:14:54	12:23:50	Low	2.2002
Oct 18	12:07:32	12:14:43	12:21:54	Low	2.5633
Oct 19	12:10:08	12:14:32	12:18:55	Low	2.9241

Site 19

Ukraine/Sevastopol, 44.36N, 33.31E, EL=26.93, AZ=227.47, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 2	12:16:38	12:21:44	12:26:51	Low	2.8472

Oct 3	12:13:44	12:21:25	12:29:07	Low	2.4612
Oct 4	12:11:46	12:21:07	12:30:28	Low	2.0761
Oct 5	12:10:17	12:20:48	12:31:20	Medium	1.6919
Oct 6	12:09:08	12:20:31	12:31:54	Medium	1.3087
Oct 7	12:08:14	12:20:13	12:32:12	High	0.9265
Oct 8	12:07:35	12:19:56	12:32:18	High	0.5456
Oct 9	12:07:07	12:19:40	12:32:12	High	0.1660
Oct 10	12:06:52	12:19:24	12:31:56	High	0.2123
Oct 11	12:06:48	12:19:08	12:31:29	High	0.5890
Oct 12	12:06:56	12:18:53	12:30:50	High	0.9642
Oct 13	12:07:17	12:18:38	12:30:00	Medium	1.3376
Oct 14	12:07:53	12:18:25	12:28:56	Medium	1.7093
Oct 15	12:08:48	12:18:11	12:27:34	Low	2.0790
Oct 16	12:10:10	12:17:58	12:25:47	Low	2.4467
Oct 17	12:12:19	12:17:46	12:23:13	Low	2.8122

Site 20

London/UK, 51.32N, 0.06W, EL=31.15, AZ=185.04, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 4	12:01:59	12:06:20	12:10:41	Low	2.9249
Oct 5	11:58:45	12:06:02	12:13:18	Low	2.5407
Oct 6	11:56:40	12:05:44	12:14:48	Low	2.1574
Oct 7	11:55:07	12:05:26	12:15:46	Medium	1.7753
Oct 8	11:53:55	12:05:09	12:16:23	Medium	1.3943
Oct 9	11:53:00	12:04:53	12:16:45	High	1.0146
Oct 10	11:52:18	12:04:37	12:16:55	High	0.6363
Oct 11	11:51:49	12:04:21	12:16:53	High	0.2595
Oct 12	11:51:32	12:04:06	12:16:40	High	0.1157
Oct 13	11:51:25	12:03:51	12:16:17	High	0.4892
Oct 14	11:51:31	12:03:37	12:15:43	High	0.8608
Oct 15	11:51:49	12:03:24	12:14:58	High	1.2306
Oct 16	11:52:21	12:03:11	12:14:00	Medium	1.5983
Oct 17	11:53:11	12:02:58	12:12:46	Low	1.9639
Oct 18	11:54:23	12:02:47	12:11:10	Low	2.3272
Oct 19	11:56:12	12:02:35	12:08:59	Low	2.6882
Oct 20	11:59:43	12:02:25	12:05:07	Low	3.0467

Site 21

Budapest/Hungary, 47.50N, 19.05E, EL=31.00, AZ=209.99, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 3	12:10:25	12:15:07	12:19:49	Low	2.8906
Oct 4	12:07:21	12:14:49	12:22:16	Low	2.5055
Oct 5	12:05:19	12:14:30	12:23:42	Low	2.1212
Oct 6	12:03:47	12:14:12	12:24:37	Medium	1.7380
Oct 7	12:02:37	12:13:55	12:25:13	Medium	1.3558
Oct 8	12:01:42	12:13:38	12:25:33	High	0.9748
Oct 9	12:01:02	12:13:21	12:25:41	High	0.5951
Oct 10	12:00:33	12:13:05	12:25:37	High	0.2168
Oct 11	12:00:16	12:12:50	12:25:23	High	0.1600
Oct 12	12:00:11	12:12:34	12:24:58	High	0.5352
Oct 13	12:00:18	12:12:20	12:24:22	High	0.9087
Oct 14	12:00:37	12:12:06	12:23:34	Medium	1.2804
Oct 15	12:01:11	12:11:52	12:22:33	Medium	1.6501
Oct 16	12:02:03	12:11:40	12:21:16	Low	2.0179
Oct 17	12:03:20	12:11:27	12:19:35	Low	2.3835
Oct 18	12:05:17	12:11:16	12:17:14	Low	2.7468
Oct 19	12:10:02	12:11:04	12:12:07	Low	3.1078

Site 22

Belgrade/Serbia, 44.30N, 20.18E, EL=33.53, AZ=212.74, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 2	12:12:27	12:16:35	12:20:44	Low	2.9433
Oct 3	12:09:06	12:16:16	12:23:26	Low	2.5573
Oct 4	12:06:58	12:15:58	12:24:57	Low	2.1721
Oct 5	12:05:23	12:15:39	12:25:56	Medium	1.7878
Oct 6	12:04:10	12:15:22	12:26:33	Medium	1.4045
Oct 7	12:03:13	12:15:04	12:26:55	High	1.0223
Oct 8	12:02:30	12:14:47	12:27:04	High	0.6413
Oct 9	12:02:00	12:14:30	12:27:01	High	0.2615
Oct 10	12:01:41	12:14:14	12:26:47	High	0.1168
Oct 11	12:01:34	12:13:59	12:26:23	High	0.4937
Oct 12	12:01:39	12:13:44	12:25:48	High	0.8689
Oct 13	12:01:57	12:13:29	12:25:01	High	1.2425
Oct 14	12:02:29	12:13:15	12:24:01	Medium	1.6142
Oct 15	12:03:19	12:13:02	12:22:44	Low	1.9841
Oct 16	12:04:33	12:12:49	12:21:05	Low	2.3519
Oct 17	12:06:26	12:12:36	12:18:47	Low	2.7175
Oct 18	12:10:28	12:12:25	12:14:22	Low	3.0809

Site 23

Sarajevo/Bosnia, 43.52N, 18.26E, EL=35.05, AZ=210.73, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 2	12:11:02	12:15:55	12:20:48	Low	2.8715
Oct 3	12:08:02	12:15:36	12:23:10	Low	2.4854
Oct 4	12:06:01	12:15:17	12:24:33	Low	2.1002
Oct 5	12:04:31	12:14:59	12:25:27	Medium	1.7159
Oct 6	12:03:21	12:14:41	12:26:01	Medium	1.3326
Oct 7	12:02:27	12:14:23	12:26:20	High	0.9504
Oct 8	12:01:46	12:14:06	12:26:27	High	0.5693
Oct 9	12:01:18	12:13:50	12:26:22	High	0.1896
Oct 10	12:01:02	12:13:34	12:26:06	High	0.1888
Oct 11	12:00:57	12:13:18	12:25:39	High	0.5657
Oct 12	12:01:04	12:13:03	12:25:02	High	0.9409
Oct 13	12:01:24	12:12:48	12:24:13	Medium	1.3145
Oct 14	12:01:59	12:12:34	12:23:09	Medium	1.6863
Oct 15	12:02:53	12:12:21	12:21:49	Low	2.0561
Oct 16	12:04:13	12:12:08	12:20:03	Low	2.4239
Oct 17	12:06:18	12:11:56	12:17:33	Low	2.7896

Site 24

Zagreb/Croatia, 45.49N, 15.58E, EL=34.16, AZ=206.51, TZ=0, D=0.80m

Date	Begin	Peak	End	Depth	Closest(deg)
Oct 2	12:12:49	12:14:22	12:15:54	Low	3.0948
Oct 3	12:07:50	12:14:03	12:20:15	Low	2.7088
Oct 4	12:05:23	12:13:44	12:22:06	Low	2.3236
Oct 5	12:03:37	12:13:26	12:23:15	Low	1.9393
Oct 6	12:02:16	12:13:08	12:24:00	Medium	1.5560
Oct 7	12:01:13	12:12:51	12:24:28	High	1.1738
Oct 8	12:00:25	12:12:33	12:24:42	High	0.7928
Oct 9	11:59:50	12:12:17	12:24:44	High	0.4130
Oct 10	11:59:27	12:12:01	12:24:34	High	0.0347
Oct 11	11:59:16	12:11:45	12:24:15	High	0.3422
Oct 12	11:59:16	12:11:30	12:23:44	High	0.7174
Oct 13	11:59:29	12:11:15	12:23:02	High	1.0910
Oct 14	11:59:55	12:11:01	12:22:08	Medium	1.4627
Oct 15	12:00:37	12:10:48	12:20:59	Medium	1.8326

Oct 16	12:01:40	12:10:35	12:19:31	Low	2.2003
Oct 17	12:03:13	12:10:23	12:17:32	Low	2.5660
Oct 18	12:05:52	12:10:11	12:14:30	Low	2.9294

Generated by Satmaster Pro <http://www.satmaster.com>