

SOLAR OUTAGE RISK 2010**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	12:23:27	12:26:58	12:30:30	Low	2.9919
Sep 29	12:19:45	12:26:38	12:33:31	Low	2.6034
Sep 30	12:17:30	12:26:18	12:35:06	Low	2.2152
Oct 1	12:15:51	12:25:59	12:36:07	Medium	1.8275
Oct 2	12:14:34	12:25:39	12:36:45	Medium	1.4404
Oct 3	12:13:34	12:25:20	12:37:07	High	1.0539
Oct 4	12:12:48	12:25:02	12:37:16	High	0.6682
Oct 5	12:12:16	12:24:44	12:37:12	High	0.2834
Oct 6	12:11:55	12:24:26	12:36:57	High	0.1004
Oct 7	12:11:46	12:24:09	12:36:31	High	0.4832
Oct 8	12:11:49	12:23:52	12:35:54	High	0.8648
Oct 9	12:12:05	12:23:35	12:35:05	High	1.2451
Oct 10	12:12:36	12:23:19	12:34:01	Medium	1.6240
Oct 11	12:13:26	12:23:03	12:32:41	Low	2.0014
Oct 12	12:14:41	12:22:48	12:30:56	Low	2.3771
Oct 13	12:16:39	12:22:33	12:28:28	Low	2.7512

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	12:11:32	12:13:54	12:16:16	Low	3.0621
Oct 4	12:07:10	12:13:35	12:20:01	Low	2.6765
Oct 5	12:04:47	12:13:17	12:21:47	Low	2.2917
Oct 6	12:03:04	12:12:59	12:22:55	Low	1.9080
Oct 7	12:01:45	12:12:42	12:23:39	Medium	1.5253
Oct 8	12:00:44	12:12:25	12:24:06	High	1.1438
Oct 9	11:59:58	12:12:08	12:24:19	High	0.7637
Oct 10	11:59:24	12:11:52	12:24:20	High	0.3849

Oct 11	11:59:02	12:11:37	12:24:11	High	0.0076
Oct 12	11:58:52	12:11:21	12:23:51	High	0.3681
Oct 13	11:58:54	12:11:07	12:23:20	High	0.7420
Oct 14	11:59:07	12:10:53	12:22:38	High	1.1141
Oct 15	11:59:34	12:10:39	12:21:43	Medium	1.4842
Oct 16	12:00:18	12:10:26	12:20:34	Medium	1.8523
Oct 17	12:01:22	12:10:13	12:19:05	Low	2.2183
Oct 18	12:02:57	12:10:01	12:17:05	Low	2.5819
Oct 19	12:05:40	12:09:50	12:14:00	Low	2.9432

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	12:22:02	12:25:20	12:28:39	Low	3.0076
Sep 30	12:18:13	12:25:00	12:31:48	Low	2.6195
Oct 1	12:15:57	12:24:41	12:33:25	Low	2.2318
Oct 2	12:14:16	12:24:22	12:34:27	Medium	1.8447
Oct 3	12:12:59	12:24:03	12:35:07	Medium	1.4582
Oct 4	12:11:59	12:23:44	12:35:30	High	1.0726
Oct 5	12:11:13	12:23:26	12:35:39	High	0.6878
Oct 6	12:10:40	12:23:08	12:35:36	High	0.3039
Oct 7	12:10:19	12:22:51	12:35:23	High	0.0788
Oct 8	12:10:10	12:22:34	12:34:58	High	0.4604
Oct 9	12:10:13	12:22:17	12:34:22	High	0.8407
Oct 10	12:10:28	12:22:01	12:33:34	High	1.2195
Oct 11	12:10:59	12:21:46	12:32:32	Medium	1.5969
Oct 12	12:11:47	12:21:30	12:31:14	Low	1.9726
Oct 13	12:12:59	12:21:16	12:29:32	Low	2.3467
Oct 14	12:14:52	12:21:02	12:27:11	Low	2.7189
Oct 15	12:19:05	12:20:48	12:22:31	Low	3.0891

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 2	12:12:57	12:18:22	12:23:46	Low	2.8119
Oct 3	12:10:10	12:18:03	12:25:55	Low	2.4255
Oct 4	12:08:16	12:17:44	12:27:13	Low	2.0399
Oct 5	12:06:49	12:17:26	12:28:03	Medium	1.6551

Oct 6	12:05:41	12:17:08	12:28:35	High	1.2713
Oct 7	12:04:49	12:16:51	12:28:52	High	0.8886
Oct 8	12:04:11	12:16:34	12:28:56	High	0.5070
Oct 9	12:03:45	12:16:17	12:28:50	High	0.1268
Oct 10	12:03:30	12:16:01	12:28:32	High	0.2520
Oct 11	12:03:27	12:15:45	12:28:03	High	0.6294
Oct 12	12:03:36	12:15:30	12:27:24	High	1.0051
Oct 13	12:03:59	12:15:15	12:26:32	Medium	1.3791
Oct 14	12:04:37	12:15:01	12:25:26	Medium	1.7512
Oct 15	12:05:34	12:14:48	12:24:01	Low	2.1214
Oct 16	12:07:00	12:14:35	12:22:09	Low	2.4896
Oct 17	12:09:18	12:14:22	12:19:26	Low	2.8556

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	12:07:29	12:12:26	12:17:23	Low	2.8648
Oct 5	12:04:32	12:12:08	12:19:44	Low	2.4801
Oct 6	12:02:33	12:11:50	12:21:08	Low	2.0963
Oct 7	12:01:04	12:11:33	12:22:02	Medium	1.7137
Oct 8	11:59:55	12:11:16	12:22:37	Medium	1.3322
Oct 9	11:59:02	12:10:59	12:22:57	High	0.9521
Oct 10	11:58:22	12:10:43	12:23:04	High	0.5733
Oct 11	11:57:55	12:10:27	12:23:00	High	0.1961
Oct 12	11:57:39	12:10:12	12:22:46	High	0.1795
Oct 13	11:57:35	12:09:57	12:22:20	High	0.5534
Oct 14	11:57:42	12:09:43	12:21:45	High	0.9255
Oct 15	11:58:02	12:09:30	12:20:57	Medium	1.2956
Oct 16	11:58:37	12:09:17	12:19:56	Medium	1.6637
Oct 17	11:59:30	12:09:04	12:18:38	Low	2.0296
Oct 18	12:00:47	12:08:52	12:16:57	Low	2.3932
Oct 19	12:02:46	12:08:41	12:14:36	Low	2.7545
Oct 20	12:07:46	12:08:30	12:09:14	Low	3.1133

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 6	12:07:17	12:13:14	12:19:10	Low	2.7477

Oct 7	12:04:45	12:12:56	12:21:07	Low	2.3655
Oct 8	12:02:58	12:12:39	12:22:21	Low	1.9844
Oct 9	12:01:36	12:12:23	12:23:09	Medium	1.6047
Oct 10	12:00:33	12:12:07	12:23:40	High	1.2264
Oct 11	11:59:45	12:11:51	12:23:57	High	0.8497
Oct 12	11:59:09	12:11:36	12:24:02	High	0.4745
Oct 13	11:58:46	12:11:21	12:23:57	High	0.1012
Oct 14	11:58:34	12:11:07	12:23:40	High	0.2703
Oct 15	11:58:33	12:10:54	12:23:14	High	0.6399
Oct 16	11:58:44	12:10:41	12:22:37	High	1.0073
Oct 17	11:59:08	12:10:28	12:21:48	Medium	1.3726
Oct 18	11:59:47	12:10:16	12:20:46	Medium	1.7356
Oct 19	12:00:44	12:10:05	12:19:26	Low	2.0962
Oct 20	12:02:07	12:09:54	12:17:42	Low	2.4542
Oct 21	12:04:15	12:09:44	12:15:14	Low	2.8097

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	12:09:22	12:11:39	12:13:56	Low	3.0664
Oct 5	12:04:57	12:11:21	12:17:45	Low	2.6817
Oct 6	12:02:34	12:11:03	12:19:32	Low	2.2980
Oct 7	12:00:51	12:10:46	12:20:40	Low	1.9154
Oct 8	11:59:33	12:10:29	12:21:25	Medium	1.5340
Oct 9	11:58:32	12:10:12	12:21:52	High	1.1539
Oct 10	11:57:45	12:09:56	12:22:06	High	0.7752
Oct 11	11:57:12	12:09:40	12:22:08	High	0.3980
Oct 12	11:56:50	12:09:25	12:22:00	High	0.0224
Oct 13	11:56:40	12:09:10	12:21:41	High	0.3514
Oct 14	11:56:41	12:08:56	12:21:11	High	0.7234
Oct 15	11:56:55	12:08:42	12:20:30	High	1.0935
Oct 16	11:57:21	12:08:29	12:19:37	Medium	1.4615
Oct 17	11:58:04	12:08:17	12:18:30	Medium	1.8273
Oct 18	11:59:06	12:08:05	12:17:03	Low	2.1909
Oct 19	12:00:38	12:07:53	12:15:09	Low	2.5521
Oct 20	12:03:11	12:07:43	12:12:14	Low	2.9108

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	12:17:02	12:20:11	12:23:19	Low	3.0184
Oct 1	12:13:08	12:19:51	12:26:34	Low	2.6307
Oct 2	12:10:50	12:19:32	12:28:14	Low	2.2436
Oct 3	12:09:10	12:19:13	12:29:17	Medium	1.8571
Oct 4	12:07:52	12:18:55	12:29:57	Medium	1.4715
Oct 5	12:06:52	12:18:36	12:30:21	High	1.0866
Oct 6	12:06:06	12:18:18	12:30:31	High	0.7028
Oct 7	12:05:33	12:18:01	12:30:29	High	0.3200
Oct 8	12:05:12	12:17:44	12:30:16	High	0.0616
Oct 9	12:05:02	12:17:27	12:29:53	High	0.4419
Oct 10	12:05:05	12:17:11	12:29:18	High	0.8208
Oct 11	12:05:20	12:16:56	12:28:31	High	1.1981
Oct 12	12:05:50	12:16:40	12:27:31	Medium	1.5739
Oct 13	12:06:37	12:16:26	12:26:14	Low	1.9480
Oct 14	12:07:48	12:16:12	12:24:36	Low	2.3202
Oct 15	12:09:37	12:15:58	12:22:19	Low	2.6904
Oct 16	12:13:18	12:15:45	12:18:12	Low	3.0586

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	12:27:38	12:30:16	12:32:54	Low	3.0486
Sep 29	12:23:24	12:29:56	12:36:27	Low	2.6602
Sep 30	12:21:02	12:29:36	12:38:10	Low	2.2721
Oct 1	12:19:18	12:29:16	12:39:14	Medium	1.8845
Oct 2	12:17:58	12:28:57	12:39:56	Medium	1.4974
Oct 3	12:16:56	12:28:38	12:40:20	High	1.1110
Oct 4	12:16:09	12:28:20	12:40:31	High	0.7254
Oct 5	12:15:35	12:28:02	12:40:29	High	0.3406
Oct 6	12:15:12	12:27:44	12:40:16	High	0.0431
Oct 7	12:15:01	12:27:26	12:39:52	High	0.4258
Oct 8	12:15:03	12:27:10	12:39:16	High	0.8073
Oct 9	12:15:17	12:26:53	12:38:29	High	1.1875
Oct 10	12:15:46	12:26:37	12:37:28	Medium	1.5664
Oct 11	12:16:32	12:26:21	12:36:10	Low	1.9437
Oct 12	12:17:43	12:26:06	12:34:30	Low	2.3193
Oct 13	12:19:32	12:25:52	12:32:12	Low	2.6933
Oct 14	12:23:19	12:25:38	12:27:56	Low	3.0654

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 2	12:07:52	12:13:33	12:19:14	Low	2.7782
Oct 3	12:05:12	12:13:14	12:21:16	Low	2.3917
Oct 4	12:03:20	12:12:55	12:22:31	Low	2.0060
Oct 5	12:01:55	12:12:37	12:23:19	Medium	1.6212
Oct 6	12:00:49	12:12:19	12:23:50	High	1.2374
Oct 7	11:59:58	12:12:02	12:24:05	High	0.8546
Oct 8	11:59:21	12:11:45	12:24:09	High	0.4730
Oct 9	11:58:56	12:11:28	12:24:01	High	0.0927
Oct 10	11:58:42	12:11:12	12:23:42	High	0.2862
Oct 11	11:58:40	12:10:56	12:23:13	High	0.6635
Oct 12	11:58:50	12:10:41	12:22:32	High	1.0393
Oct 13	11:59:14	12:10:26	12:21:39	Medium	1.4133
Oct 14	11:59:54	12:10:12	12:20:31	Medium	1.7856
Oct 15	12:00:53	12:09:59	12:19:04	Low	2.1558
Oct 16	12:02:22	12:09:45	12:17:09	Low	2.5240
Oct 17	12:04:49	12:09:33	12:14:17	Low	2.8901

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	12:10:06	12:14:10	12:18:14	Low	2.9503
Oct 6	12:06:44	12:13:52	12:21:00	Low	2.5668
Oct 7	12:04:37	12:13:35	12:22:32	Low	2.1845
Oct 8	12:03:03	12:13:18	12:23:33	Medium	1.8033
Oct 9	12:01:50	12:13:01	12:24:12	Medium	1.4234
Oct 10	12:00:54	12:12:45	12:24:36	High	1.0449
Oct 11	12:00:12	12:12:29	12:24:47	High	0.6680
Oct 12	11:59:42	12:12:14	12:24:46	High	0.2927
Oct 13	11:59:24	12:12:00	12:24:35	High	0.0809
Oct 14	11:59:18	12:11:45	12:24:13	High	0.4526
Oct 15	11:59:22	12:11:32	12:23:41	High	0.8223
Oct 16	11:59:40	12:11:19	12:22:58	High	1.1900
Oct 17	12:00:10	12:11:06	12:22:02	Medium	1.5555
Oct 18	12:00:57	12:10:54	12:20:51	Low	1.9188

Oct 19	12:02:06	12:10:43	12:19:20	Low	2.2796
Oct 20	12:03:48	12:10:32	12:17:17	Low	2.6379
Oct 21	12:06:50	12:10:22	12:13:55	Low	2.9937

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 5	12:09:27	12:15:07	12:20:46	Low	2.7826
Oct 6	12:06:48	12:14:49	12:22:50	Low	2.3991
Oct 7	12:04:57	12:14:31	12:24:06	Low	2.0167
Oct 8	12:03:33	12:14:14	12:24:56	Medium	1.6354
Oct 9	12:02:28	12:13:58	12:25:28	High	1.2555
Oct 10	12:01:38	12:13:42	12:25:46	High	0.8769
Oct 11	12:01:01	12:13:26	12:25:51	High	0.4999
Oct 12	12:00:37	12:13:11	12:25:45	High	0.1245
Oct 13	12:00:23	12:12:56	12:25:29	High	0.2492
Oct 14	12:00:22	12:12:42	12:25:03	High	0.6210
Oct 15	12:00:32	12:12:29	12:24:25	High	0.9908
Oct 16	12:00:55	12:12:16	12:23:36	Medium	1.3586
Oct 17	12:01:33	12:12:03	12:22:34	Medium	1.7242
Oct 18	12:02:29	12:11:51	12:21:14	Low	2.0876
Oct 19	12:03:51	12:11:40	12:19:29	Low	2.4485
Oct 20	12:05:59	12:11:29	12:16:59	Low	2.8070

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 2	12:11:40	12:17:42	12:23:45	Low	2.7319
Oct 3	12:09:08	12:17:24	12:25:39	Low	2.3454
Oct 4	12:07:20	12:17:05	12:26:50	Low	1.9598
Oct 5	12:05:58	12:16:47	12:27:36	Medium	1.5750
Oct 6	12:04:54	12:16:29	12:28:04	High	1.1912
Oct 7	12:04:05	12:16:11	12:28:18	High	0.8084
Oct 8	12:03:29	12:15:54	12:28:20	High	0.4269
Oct 9	12:03:05	12:15:38	12:28:11	High	0.0466
Oct 10	12:02:53	12:15:22	12:27:51	High	0.3322
Oct 11	12:02:52	12:15:06	12:27:20	High	0.7096
Oct 12	12:03:04	12:14:51	12:26:38	High	1.0853

Oct 13	12:03:30	12:14:36	12:25:43	Medium	1.4593
Oct 14	12:04:11	12:14:22	12:24:33	Medium	1.8315
Oct 15	12:05:14	12:14:08	12:23:03	Low	2.2017
Oct 16	12:06:48	12:13:55	12:21:03	Low	2.5699
Oct 17	12:09:28	12:13:43	12:17:57	Low	2.9359

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	12:11:18	12:14:34	12:17:50	Low	3.0111
Oct 5	12:07:30	12:14:16	12:21:02	Low	2.6265
Oct 6	12:05:15	12:13:58	12:22:41	Low	2.2428
Oct 7	12:03:36	12:13:41	12:23:45	Medium	1.8603
Oct 8	12:02:20	12:13:24	12:24:27	Medium	1.4789
Oct 9	12:01:22	12:13:07	12:24:53	High	1.0988
Oct 10	12:00:37	12:12:51	12:25:05	High	0.7202
Oct 11	12:00:06	12:12:35	12:25:05	High	0.3430
Oct 12	11:59:46	12:12:20	12:24:55	High	0.0325
Oct 13	11:59:37	12:12:06	12:24:34	High	0.4063
Oct 14	11:59:40	12:11:51	12:24:03	High	0.7782
Oct 15	11:59:55	12:11:38	12:23:21	High	1.1482
Oct 16	12:00:24	12:11:25	12:22:26	Medium	1.5162
Oct 17	12:01:09	12:11:12	12:21:15	Medium	1.8820
Oct 18	12:02:15	12:11:00	12:19:45	Low	2.2455
Oct 19	12:03:53	12:10:49	12:17:45	Low	2.6066
Oct 20	12:06:44	12:10:38	12:14:33	Low	2.9653

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	12:15:34	12:19:06	12:22:39	Low	2.9913
Oct 3	12:11:54	12:18:47	12:25:41	Low	2.6049
Oct 4	12:09:41	12:18:29	12:27:17	Low	2.2193
Oct 5	12:08:02	12:18:11	12:28:19	Medium	1.8345
Oct 6	12:06:47	12:17:53	12:28:59	Medium	1.4508
Oct 7	12:05:48	12:17:35	12:29:23	High	1.0681
Oct 8	12:05:04	12:17:18	12:29:33	High	0.6866
Oct 9	12:04:32	12:17:02	12:29:31	High	0.3064

Oct 10	12:04:12	12:16:46	12:29:19	High	0.0724
Oct 11	12:04:04	12:16:30	12:28:56	High	0.4497
Oct 12	12:04:08	12:16:15	12:28:22	High	0.8254
Oct 13	12:04:24	12:16:00	12:27:37	High	1.1993
Oct 14	12:04:54	12:15:46	12:26:38	Medium	1.5714
Oct 15	12:05:42	12:15:32	12:25:23	Low	1.9416
Oct 16	12:06:52	12:15:19	12:23:47	Low	2.3097
Oct 17	12:08:39	12:15:07	12:21:35	Low	2.6756
Oct 18	12:12:06	12:14:55	12:17:44	Low	3.0393

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	12:11:44	12:14:16	12:16:48	Low	3.0544
Oct 4	12:07:28	12:13:58	12:20:27	Low	2.6688
Oct 5	12:05:07	12:13:39	12:22:12	Low	2.2841
Oct 6	12:03:25	12:13:21	12:23:18	Low	1.9003
Oct 7	12:02:06	12:13:04	12:24:02	Medium	1.5177
Oct 8	12:01:06	12:12:47	12:24:28	High	1.1362
Oct 9	12:00:19	12:12:30	12:24:41	High	0.7560
Oct 10	11:59:46	12:12:14	12:24:43	High	0.3772
Oct 11	11:59:25	12:11:59	12:24:33	High	0.0006
Oct 12	11:59:14	12:11:43	12:24:12	High	0.3757
Oct 13	11:59:16	12:11:29	12:23:41	High	0.7496
Oct 14	11:59:30	12:11:15	12:22:59	High	1.1217
Oct 15	11:59:58	12:11:01	12:22:04	Medium	1.4919
Oct 16	12:00:41	12:10:48	12:20:54	Medium	1.8599
Oct 17	12:01:46	12:10:35	12:19:25	Low	2.2259
Oct 18	12:03:22	12:10:23	12:17:25	Low	2.5895
Oct 19	12:06:07	12:10:12	12:14:17	Low	2.9508

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	12:08:31	12:13:27	12:18:23	Low	2.8662
Oct 4	12:05:33	12:13:08	12:20:44	Low	2.4805
Oct 5	12:03:33	12:12:50	12:22:07	Low	2.0958
Oct 6	12:02:03	12:12:32	12:23:01	Medium	1.7120

Oct 7	12:00:54	12:12:15	12:23:36	Medium	1.3293
Oct 8	12:00:01	12:11:58	12:23:55	High	0.9477
Oct 9	11:59:21	12:11:41	12:24:02	High	0.5675
Oct 10	11:58:53	12:11:25	12:23:57	High	0.1887
Oct 11	11:58:37	12:11:10	12:23:42	High	0.1886
Oct 12	11:58:33	12:10:54	12:23:16	High	0.5643
Oct 13	11:58:40	12:10:40	12:22:39	High	0.9383
Oct 14	11:59:00	12:10:25	12:21:50	Medium	1.3104
Oct 15	11:59:36	12:10:12	12:20:48	Medium	1.6806
Oct 16	12:00:29	12:09:59	12:19:28	Low	2.0488
Oct 17	12:01:48	12:09:46	12:17:44	Low	2.4148
Oct 18	12:03:51	12:09:34	12:15:17	Low	2.7785

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 4	12:12:38	12:18:18	12:23:59	Low	2.7805
Oct 5	12:09:59	12:18:00	12:26:02	Low	2.3959
Oct 6	12:08:07	12:17:43	12:27:18	Low	2.0123
Oct 7	12:06:43	12:17:25	12:28:07	Medium	1.6298
Oct 8	12:05:38	12:17:08	12:28:39	High	1.2485
Oct 9	12:04:48	12:16:52	12:28:56	High	0.8684
Oct 10	12:04:11	12:16:36	12:29:00	High	0.4898
Oct 11	12:03:46	12:16:20	12:28:54	High	0.1127
Oct 12	12:03:33	12:16:05	12:28:37	High	0.2628
Oct 13	12:03:31	12:15:50	12:28:09	High	0.6365
Oct 14	12:03:41	12:15:36	12:27:31	High	1.0084
Oct 15	12:04:05	12:15:23	12:26:40	Medium	1.3784
Oct 16	12:04:43	12:15:09	12:25:36	Medium	1.7462
Oct 17	12:05:40	12:14:57	12:24:14	Low	2.1120
Oct 18	12:07:05	12:14:45	12:22:25	Low	2.4754
Oct 19	12:09:19	12:14:34	12:19:48	Low	2.8365

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	12:17:39	12:21:48	12:25:57	Low	2.9420
Oct 3	12:14:19	12:21:29	12:28:40	Low	2.5557

Oct 4	12:12:11	12:21:11	12:30:11	Low	2.1701
Oct 5	12:10:36	12:20:53	12:31:09	Medium	1.7854
Oct 6	12:09:23	12:20:35	12:31:47	Medium	1.4017
Oct 7	12:08:26	12:20:17	12:32:09	High	1.0191
Oct 8	12:07:43	12:20:00	12:32:18	High	0.6377
Oct 9	12:07:13	12:19:44	12:32:15	High	0.2575
Oct 10	12:06:55	12:19:28	12:32:01	High	0.1212
Oct 11	12:06:48	12:19:12	12:31:37	High	0.4984
Oct 12	12:06:53	12:18:57	12:31:01	High	0.8740
Oct 13	12:07:11	12:18:42	12:30:14	High	1.2479
Oct 14	12:07:43	12:18:28	12:29:13	Medium	1.6199
Oct 15	12:08:33	12:18:15	12:27:56	Low	1.9900
Oct 16	12:09:47	12:18:02	12:26:16	Low	2.3580
Oct 17	12:11:41	12:17:49	12:23:57	Low	2.7239
Oct 18	12:15:51	12:17:37	12:19:24	Low	3.0875

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	12:03:16	12:06:24	12:09:33	Low	3.0190
Oct 5	11:59:23	12:06:06	12:12:49	Low	2.6342
Oct 6	11:57:07	12:05:48	12:14:29	Low	2.2505
Oct 7	11:55:28	12:05:31	12:15:34	Medium	1.8678
Oct 8	11:54:11	12:05:14	12:16:16	Medium	1.4864
Oct 9	11:53:12	12:04:57	12:16:42	High	1.1062
Oct 10	11:52:28	12:04:41	12:16:54	High	0.7274
Oct 11	11:51:56	12:04:25	12:16:55	High	0.3502
Oct 12	11:51:35	12:04:10	12:16:45	High	0.0255
Oct 13	11:51:26	12:03:55	12:16:24	High	0.3994
Oct 14	11:51:29	12:03:41	12:15:53	High	0.7715
Oct 15	11:51:44	12:03:27	12:15:10	High	1.1416
Oct 16	11:52:13	12:03:14	12:14:16	Medium	1.5097
Oct 17	11:52:57	12:03:02	12:13:06	Medium	1.8756
Oct 18	11:54:03	12:02:49	12:11:36	Low	2.2393
Oct 19	11:55:40	12:02:38	12:09:36	Low	2.6006
Oct 20	11:58:28	12:02:27	12:06:26	Low	2.9594

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	12:11:34	12:15:11	12:18:49	Low	2.9851
Oct 4	12:07:57	12:14:53	12:21:48	Low	2.5995
Oct 5	12:05:45	12:14:34	12:23:24	Low	2.2148
Oct 6	12:04:07	12:14:17	12:24:26	Medium	1.8310
Oct 7	12:02:52	12:13:59	12:25:06	Medium	1.4484
Oct 8	12:01:54	12:13:42	12:25:30	High	1.0669
Oct 9	12:01:11	12:13:26	12:25:41	High	0.6867
Oct 10	12:00:39	12:13:09	12:25:40	High	0.3079
Oct 11	12:00:20	12:12:54	12:25:28	High	0.0693
Oct 12	12:00:12	12:12:39	12:25:05	High	0.4450
Oct 13	12:00:16	12:12:24	12:24:32	High	0.8189
Oct 14	12:00:32	12:12:10	12:23:48	High	1.1910
Oct 15	12:01:02	12:11:56	12:22:50	Medium	1.5612
Oct 16	12:01:49	12:11:43	12:21:37	Low	1.9292
Oct 17	12:02:59	12:11:30	12:20:02	Low	2.2952
Oct 18	12:04:43	12:11:18	12:17:54	Low	2.6588
Oct 19	12:07:59	12:11:07	12:14:16	Low	3.0201

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	12:13:50	12:16:40	12:19:29	Low	3.0382
Oct 3	12:09:45	12:16:21	12:22:56	Low	2.6518
Oct 4	12:07:26	12:16:02	12:24:39	Low	2.2661
Oct 5	12:05:44	12:15:44	12:25:44	Medium	1.8814
Oct 6	12:04:26	12:15:26	12:26:26	Medium	1.4976
Oct 7	12:03:26	12:15:09	12:26:52	High	1.1149
Oct 8	12:02:40	12:14:52	12:27:04	High	0.7333
Oct 9	12:02:07	12:14:35	12:27:04	High	0.3531
Oct 10	12:01:46	12:14:19	12:26:53	High	0.0257
Oct 11	12:01:36	12:14:03	12:26:31	High	0.4030
Oct 12	12:01:38	12:13:48	12:25:58	High	0.7787
Oct 13	12:01:52	12:13:33	12:25:15	High	1.1527
Oct 14	12:02:21	12:13:19	12:24:18	Medium	1.5249
Oct 15	12:03:06	12:13:06	12:23:05	Medium	1.8951
Oct 16	12:04:13	12:12:53	12:21:32	Low	2.2632
Oct 17	12:05:54	12:12:40	12:19:26	Low	2.6292
Oct 18	12:08:56	12:12:28	12:16:00	Low	2.9929

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	12:12:07	12:15:59	12:19:50	Low	2.9663
Oct 3	12:08:38	12:15:40	12:22:42	Low	2.5799
Oct 4	12:06:27	12:15:21	12:24:15	Low	2.1943
Oct 5	12:04:50	12:15:03	12:25:15	Medium	1.8095
Oct 6	12:03:36	12:14:45	12:25:54	Medium	1.4257
Oct 7	12:02:38	12:14:28	12:26:17	High	1.0430
Oct 8	12:01:55	12:14:11	12:26:26	High	0.6614
Oct 9	12:01:24	12:13:54	12:26:24	High	0.2812
Oct 10	12:01:05	12:13:38	12:26:11	High	0.0977
Oct 11	12:00:57	12:13:22	12:25:47	High	0.4750
Oct 12	12:01:02	12:13:07	12:25:13	High	0.8507
Oct 13	12:01:19	12:12:52	12:24:26	High	1.2247
Oct 14	12:01:50	12:12:38	12:23:26	Medium	1.5969
Oct 15	12:02:39	12:12:25	12:22:10	Low	1.9671
Oct 16	12:03:51	12:12:11	12:20:32	Low	2.3353
Oct 17	12:05:41	12:11:59	12:18:16	Low	2.7013
Oct 18	12:09:28	12:11:47	12:14:06	Low	3.0650

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 3	12:08:38	12:14:07	12:19:36	Low	2.8033
Oct 4	12:05:53	12:13:48	12:21:43	Low	2.4176
Oct 5	12:04:00	12:13:30	12:23:00	Low	2.0329
Oct 6	12:02:34	12:13:12	12:23:51	Medium	1.6491
Oct 7	12:01:27	12:12:55	12:24:23	High	1.2664
Oct 8	12:00:36	12:12:38	12:24:40	High	0.8849
Oct 9	11:59:58	12:12:21	12:24:45	High	0.5046
Oct 10	11:59:32	12:12:05	12:24:38	High	0.1258
Oct 11	11:59:18	12:11:49	12:24:21	High	0.2515
Oct 12	11:59:15	12:11:34	12:23:53	High	0.6272
Oct 13	11:59:25	12:11:19	12:23:14	High	1.0012
Oct 14	11:59:48	12:11:05	12:22:23	Medium	1.3734
Oct 15	12:00:25	12:10:52	12:21:18	Medium	1.7436

Oct 16	12:01:23	12:10:39	12:19:54	Low	2.1117
Oct 17	12:02:47	12:10:26	12:18:05	Low	2.4777
Oct 18	12:05:02	12:10:14	12:15:26	Low	2.8414

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