

GEN 2.7 SUNRISE/SUNSET TABLES / ТАБЛИЦЫ ВОСХОДА/ЗАХОДА СОЛНЦА**GEN 2.7.1 General / Общие положения**

The times in the tables are given in UTC for the beginning of civil morning twilight, sunrise, sunset and end of civil evening twilight for the year 2014, which is used an "average year" for the years from 2010 to 2020.

The time given for the beginning of civil morning twilight and the end of civil evening twilight are calculated for an altitude of the Sun 6 degree below horizon.

В таблицах представлено время в UTC для начала гражданских утренних сумерек, восхода и захода солнца, конца гражданских вечерних сумерек для 2014 года, который считается "средним годом" для годов от 2010 до 2020.

Время, представленное для начала гражданских утренних сумерек и конца гражданских вечерних сумерек, рассчитано для высоты солнца 6° ниже горизонта.

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GEN 2.7.3 Tables / Таблицы

1. UKBB - KYIV/Boryspil' 502041N 0305336E

1. UKBB - КИЕВ/Борисполь 502041N 0305336E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:18	05:56	14:03	14:41	MAY 01	01:57	02:33	17:15	17:51	SEP 01	02:35	03:09	16:44	17:18
JAN 06	05:18	05:55	14:08	14:46	MAY 06	01:47	02:24	17:22	17:59	SEP 06	02:43	03:16	16:33	17:06
JAN 11	05:16	05:53	14:14	14:52	MAY 11	01:37	02:16	17:30	18:09	SEP 11	02:51	03:24	16:22	16:55
JAN 16	05:13	05:50	14:22	14:58	MAY 16	01:29	02:09	17:37	18:17	SEP 16	02:59	03:31	16:11	16:44
JAN 21	05:09	05:45	14:30	15:05	MAY 21	01:21	02:01	17:44	18:25	SEP 21	03:06	03:39	16:00	16:32
JAN 26	05:04	05:40	14:38	15:13	MAY 26	01:15	01:56	17:51	18:32	SEP 26	03:14	03:46	15:49	16:21
JAN 31	04:59	05:33	14:46	15:21	MAY 31	01:08	01:51	17:57	18:39					
FEB 01	04:57	05:32	14:48	15:23	JUN 01	01:08	01:50	17:58	18:41	OCT 01	03:22	03:54	15:37	16:10
FEB 06	04:50	05:24	14:57	15:31	JUN 06	01:04	01:47	18:03	18:46	OCT 06	03:30	04:01	15:26	15:59
FEB 11	04:42	05:16	15:06	15:39	JUN 11	01:01	01:45	18:07	18:51	OCT 11	03:37	04:09	15:16	15:48
FEB 16	04:34	05:07	15:15	15:48	JUN 16	00:59	01:45	18:10	18:54	OCT 16	03:45	04:18	15:06	15:38
FEB 21	04:25	04:58	15:23	15:56	JUN 21	00:53	01:45	18:11	18:56	OCT 21	03:53	04:26	14:55	15:28
FEB 26	04:16	04:48	15:32	16:04	JUN 26	01:01	01:46	18:12	18:57	OCT 26	04:01	04:34	14:46	15:19
										OCT 31	04:09	04:43	14:37	15:11
MAR 01	04:09	04:41	15:37	16:10	JUL 01	01:04	01:48	18:11	18:56	NOV 01	04:11	04:45	14:35	15:09
MAR 06	03:59	04:31	15:46	16:18	JUL 06	01:09	01:52	18:10	18:53	NOV 06	04:19	04:53	14:27	15:01
MAR 11	03:48	04:21	15:54	16:26	JUL 11	01:14	01:56	18:07	18:50	NOV 11	04:27	05:02	14:19	14:54
MAR 16	03:38	04:10	16:02	16:34	JUL 16	01:20	02:02	18:02	18:45	NOV 16	04:35	05:10	14:12	14:48
MAR 21	03:27	03:58	16:10	16:43	JUL 21	01:26	02:08	17:57	18:39	NOV 21	04:43	05:19	14:06	14:43
MAR 26	03:15	03:48	16:18	16:51	JUL 26	01:34	02:14	17:51	18:31	NOV 26	04:50	05:27	14:01	14:38
MAR 31	03:04	03:37	16:26	16:59	JUL 31	01:43	02:21	17:44	18:23					
APR 01	03:02	03:35	16:27	17:00	AUG 01	01:44	02:22	17:42	18:21	DEC 01	04:57	05:34	13:58	14:35
APR 06	02:50	03:24	16:35	17:09	AUG 06	01:52	02:30	17:35	18:12	DEC 06	05:02	05:40	13:55	14:33
APR 11	02:39	03:13	16:43	17:17	AUG 11	02:01	02:38	17:26	18:03	DEC 11	05:07	05:46	13:54	14:32
APR 16	02:28	03:02	16:52	17:25	AUG 16	02:09	02:45	17:17	17:52	DEC 16	05:12	05:50	13:54	14:32
APR 21	02:17	02:52	16:59	17:34	AUG 21	02:17	02:52	17:07	17:42	DEC 21	05:15	05:53	13:55	14:34
APR 26	02:07	02:42	17:07	17:42	AUG 26	02:25	03:00	16:57	17:31	DEC 26	05:17	05:56	13:58	14:36
					AUG 31	02:33	03:07	16:46	17:20	DEC 31	05:18	05:56	14:02	14:40

2. UKDD - DNIPROPETROVS'K 482126N 0350602E

2. UKDD - ДНЕПРОПЕТРОВСК 482126N 0350602E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	04:55	05:30	13:55	14:31	MAY 01	01:47	02:21	16:52	17:26	SEP 01	02:23	02:55	16:24	16:56
JAN 06	04:54	05:30	14:00	14:36	MAY 06	01:38	02:13	16:59	17:34	SEP 06	02:30	03:02	16:14	16:45
JAN 11	04:53	05:28	14:06	14:41	MAY 11	01:30	02:06	17:06	17:43	SEP 11	02:37	03:09	16:04	16:35
JAN 16	04:50	05:25	14:13	14:47	MAY 16	01:21	01:59	17:13	17:50	SEP 16	02:44	03:15	15:52	16:24
JAN 21	04:47	05:21	14:20	14:54	MAY 21	01:15	01:53	17:20	17:57	SEP 21	02:51	03:22	15:42	16:14
JAN 26	04:42	05:16	14:27	15:01	MAY 26	01:09	01:47	17:26	18:04	SEP 26	02:58	03:29	15:32	16:03
JAN 31	04:37	05:10	14:35	15:08	MAY 31	01:04	01:43	17:31	18:10					
FEB 01	04:36	05:09	14:37	15:10	JUN 01	01:03	01:43	17:32	18:11	OCT 01	03:05	03:36	15:22	15:52
FEB 06	04:29	05:02	14:45	15:18	JUN 06	00:59	01:40	17:37	18:17	OCT 06	03:12	03:44	15:11	15:42
FEB 11	04:22	04:54	14:54	15:26	JUN 11	00:57	01:38	17:40	18:21	OCT 11	03:20	03:51	15:01	15:32
FEB 16	04:14	04:46	15:02	15:33	JUN 16	00:56	01:37	17:43	18:24	OCT 16	03:27	03:58	14:51	15:23
FEB 21	04:06	04:38	15:10	15:41	JUN 21	00:56	01:37	17:45	18:26	OCT 21	03:35	04:06	14:42	15:13
FEB 26	03:58	04:28	15:18	15:49	JUN 26	00:58	01:39	17:45	18:27	OCT 26	03:42	04:14	14:33	15:05
										OCT 31	03:49	04:22	14:25	14:57
MAR 01	03:51	04:22	15:23	15:54	JUL 01	01:00	01:41	17:45	18:26	NOV 01	03:51	04:23	14:23	14:55
MAR 06	03:42	04:13	15:30	16:01	JUL 06	01:04	01:45	17:43	18:24	NOV 06	03:58	04:31	14:15	14:48
MAR 11	03:32	04:02	15:38	16:09	JUL 11	01:09	01:49	17:41	18:21	NOV 11	04:06	04:40	14:08	14:41
MAR 16	03:22	03:52	15:46	16:17	JUL 16	01:14	01:54	17:37	18:16	NOV 16	04:14	04:48	14:02	14:35
MAR 21	03:11	03:42	15:53	16:24	JUL 21	01:21	01:59	17:32	18:11	NOV 21	04:21	04:55	13:57	14:31
MAR 26	03:01	03:32	16:01	16:31	JUL 26	01:28	02:05	17:27	18:04	NOV 26	04:27	05:02	13:52	14:27
MAR 31	02:50	03:21	16:08	16:39	JUL 31	01:35	02:11	17:20	17:57					
APR 01	02:48	03:19	16:09	16:41	AUG 01	01:36	02:13	17:19	17:55	DEC 01	04:33	05:09	13:49	14:24
APR 06	02:38	03:09	16:16	16:48	AUG 06	01:44	02:19	17:11	17:47	DEC 06	04:39	05:15	13:47	14:23
APR 11	02:27	02:59	16:24	16:56	AUG 11	01:52	02:26	17:04	17:38	DEC 11	04:44	05:20	13:46	14:22
APR 16	02:16	02:49	16:31	17:03	AUG 16	01:59	02:33	16:55	17:29	DEC 16	04:48	05:24	13:46	14:22
APR 21	02:06	02:40	16:38	17:11	AUG 21	02:07	02:40	16:45	17:19	DEC 21	04:51	05:27	13:47	14:24
APR 26	01:56	02:30	16:45	17:19	AUG 26	02:14	02:47	16:36	17:09	DEC 26	04:53	05:30	13:50	14:27
					AUG 31	02:21	02:53	16:26	16:58	DEC 31	04:54	05:30	13:54	14:30

3. UKDE - ZAPORIZHZHIA/Mokraya 475202N 0351854E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	04:52	05:27	13:56	14:32	MAY 01	01:48	02:22	16:50	17:24	SEP 01	02:23	02:55	16:22	16:54
JAN 06	04:51	05:27	14:01	14:37	MAY 06	01:39	02:14	16:57	17:32	SEP 06	02:30	03:02	16:12	16:44
JAN 11	04:51	05:25	14:07	14:42	MAY 11	01:31	02:07	17:04	17:40	SEP 11	02:37	03:08	16:02	16:33
JAN 16	04:48	05:22	14:14	14:48	MAY 16	01:23	02:00	17:11	17:47	SEP 16	02:44	03:15	15:51	16:23
JAN 21	04:45	05:19	14:21	14:55	MAY 21	01:17	01:54	17:17	17:54	SEP 21	02:51	03:22	15:41	16:13
JAN 26	04:40	05:14	14:28	15:02	MAY 26	01:11	01:49	17:23	18:01	SEP 26	02:58	03:28	15:31	16:03
JAN 31	04:35	05:08	14:36	15:08	MAY 31	01:06	01:45	17:28	18:07					
FEB 01	04:34	05:07	14:37	15:10	JUN 01	01:05	01:44	17:29	18:08	OCT 01	03:05	03:35	15:21	15:51
FEB 06	04:28	05:00	14:45	15:18	JUN 06	01:01	01:41	17:34	18:13	OCT 06	03:11	03:42	15:11	15:41
FEB 11	04:20	04:52	14:54	15:26	JUN 11	00:59	01:39	17:37	18:18	OCT 11	03:18	03:49	15:01	15:31
FEB 16	04:13	04:44	15:02	15:33	JUN 16	00:58	01:38	17:39	18:20	OCT 16	03:26	03:57	14:51	15:22
FEB 21	04:05	04:36	15:10	15:41	JUN 21	00:59	01:39	17:41	18:22	OCT 21	03:33	04:04	14:42	15:13
FEB 26	03:57	04:27	15:18	15:49	JUN 26	01:00	01:41	17:42	18:23	OCT 26	03:41	04:12	14:33	15:05
										OCT 31	03:49	04:20	14:25	14:57
MAR 01	03:50	04:21	15:23	15:53	JUL 01	01:02	01:43	17:42	18:22	NOV 01	03:50	04:21	14:23	14:55
MAR 06	03:41	04:11	15:30	16:01	JUL 06	01:06	01:46	17:40	18:21	NOV 06	03:57	04:29	14:15	14:48
MAR 11	03:31	04:01	15:38	16:08	JUL 11	01:11	01:50	17:38	18:17	NOV 11	04:04	04:37	14:09	14:42
MAR 16	03:21	03:51	15:45	16:16	JUL 16	01:16	01:55	17:34	18:12	NOV 16	04:12	04:45	14:03	14:36
MAR 21	03:11	03:41	15:52	16:23	JUL 21	01:22	02:00	17:30	18:07	NOV 21	04:19	04:52	13:57	14:31
MAR 26	03:01	03:31	16:00	16:30	JUL 26	01:29	02:06	17:24	18:01	NOV 26	04:25	04:59	13:53	14:28
MAR 31	02:50	03:21	16:07	16:37	JUL 31	01:36	02:12	17:17	17:54					
APR 01	02:48	03:19	16:08	16:39	AUG 01	01:38	02:14	17:16	17:53	DEC 01	04:31	05:06	13:50	14:25
APR 06	02:38	03:09	16:15	16:46	AUG 06	01:45	02:20	17:09	17:44	DEC 06	04:37	05:12	13:48	14:23
APR 11	02:27	02:59	16:22	16:54	AUG 11	01:53	02:26	17:01	17:35	DEC 11	04:41	05:17	13:47	14:22
APR 16	02:17	02:49	16:29	17:01	AUG 16	02:00	02:33	16:52	17:26	DEC 16	04:45	05:21	13:47	14:23
APR 21	02:07	02:40	16:36	17:09	AUG 21	02:07	02:40	16:43	17:17	DEC 21	04:49	05:24	13:49	14:25
APR 26	01:57	02:31	16:43	17:17	AUG 26	02:14	02:47	16:34	17:07	DEC 26	04:51	05:27	13:51	14:27
					AUG 31	02:21	02:53	16:24	16:56	DEC 31	04:52	05:27	13:55	14:31

4. UKDR - KRYVYI RIH/Lozuvatka 480239N 0331229E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:01	05:36	14:04	14:40	MAY 01	01:56	02:30	16:59	17:33	SEP 01	02:31	03:03	16:31	17:03
JAN 06	05:00	05:36	14:09	14:45	MAY 06	01:47	02:22	17:06	17:41	SEP 06	02:38	03:10	16:21	16:52
JAN 11	05:00	05:35	14:15	14:50	MAY 11	01:39	02:14	17:13	17:49	SEP 11	02:45	03:16	16:11	16:42
JAN 16	04:57	05:32	14:22	14:56	MAY 16	01:30	02:07	17:20	17:56	SEP 16	02:52	03:23	15:59	16:31
JAN 21	04:54	05:28	14:29	15:03	MAY 21	01:24	02:01	17:26	18:03	SEP 21	02:59	03:30	15:49	16:21
JAN 26	04:49	05:23	14:36	15:10	MAY 26	01:18	01:56	17:32	18:10	SEP 26	03:06	03:37	15:40	16:10
JAN 31	04:44	05:17	14:44	15:17	MAY 31	01:13	01:52	17:37	18:16					
FEB 01	04:42	05:16	14:45	15:18	JUN 01	01:12	01:52	17:38	18:17	OCT 01	03:13	03:44	15:29	16:00
FEB 06	04:36	05:09	14:53	15:26	JUN 06	01:09	01:49	17:43	18:22	OCT 06	03:20	03:51	15:19	15:50
FEB 11	04:29	05:01	15:02	15:34	JUN 11	01:07	01:47	17:46	18:27	OCT 11	03:27	03:58	15:09	15:40
FEB 16	04:21	04:53	15:10	15:41	JUN 16	01:06	01:46	17:49	18:30	OCT 16	03:34	04:06	14:59	15:30
FEB 21	04:13	04:45	15:18	15:49	JUN 21	01:06	01:46	17:51	18:32	OCT 21	03:42	04:13	14:50	15:21
FEB 26	04:05	04:35	15:26	15:57	JUN 26	01:07	01:48	17:51	18:32	OCT 26	03:49	04:21	14:41	15:13
										OCT 31	03:57	04:29	14:33	15:05
MAR 01	03:58	04:29	15:31	16:02	JUL 01	01:09	01:50	17:51	18:31	NOV 01	03:58	04:30	14:31	15:03
MAR 06	03:50	04:20	15:38	16:09	JUL 06	01:14	01:54	17:49	18:30	NOV 06	04:05	04:38	14:23	14:56
MAR 11	03:40	04:10	15:46	16:16	JUL 11	01:19	01:58	17:47	18:27	NOV 11	04:13	04:46	14:17	14:50
MAR 16	03:30	04:00	15:53	16:24	JUL 16	01:24	02:03	17:43	18:22	NOV 16	04:20	04:54	14:11	14:44
MAR 21	03:19	03:50	16:00	16:31	JUL 21	01:30	02:08	17:39	18:17	NOV 21	04:27	05:01	14:05	14:39
MAR 26	03:09	03:40	16:08	16:38	JUL 26	01:37	02:14	17:33	18:10	NOV 26	04:34	05:08	14:01	14:36
MAR 31	02:58	03:29	16:15	16:46	JUL 31	01:44	02:20	17:26	18:03					
APR 01	02:56	03:27	16:17	16:48	AUG 01	01:45	02:21	17:25	18:02	DEC 01	04:40	05:15	13:58	14:33
APR 06	02:46	03:17	16:24	16:55	AUG 06	01:53	02:28	17:18	17:53	DEC 06	04:46	05:21	13:56	14:31
APR 11	02:35	03:07	16:31	17:03	AUG 11	02:00	02:34	17:10	17:44	DEC 11	04:50	05:26	13:55	14:30
APR 16	02:25	02:57	16:38	17:10	AUG 16	02:08	02:41	17:01	17:35	DEC 16	04:54	05:30	13:55	14:31
APR 21	02:15	02:48	16:45	17:18	AUG 21	02:15	02:48	16:52	17:26	DEC 21	04:58	05:34	13:56	14:32
APR 26	02:05	02:39	16:52	17:26	AUG 26	02:22	02:55	16:43	17:16	DEC 26	05:00	05:36	13:59	14:35
					AUG 31	02:29	03:01	16:33	17:05	DEC 31	05:01	05:36	14:03	14:39

5. UKHD - KHARKIV/SOKOL'NYKY 500130N 0361602E

5. UKHD - ХАРЬКОВ/Сокольники 500130N 0361602E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	04:57	05:35	13:45	14:23	MAY 01	01:37	02:13	16:54	17:31	SEP 01	02:18	02:51	16:23	16:56
JAN 06	04:56	05:34	13:50	14:28	MAY 06	01:27	02:05	17:02	17:39	SEP 06	02:26	02:59	16:12	16:45
JAN 11	04:55	05:32	13:56	14:34	MAY 11	01:18	01:57	17:09	17:48	SEP 11	02:33	03:06	16:01	16:34
JAN 16	04:52	05:29	14:04	14:40	MAY 16	01:10	01:50	17:17	17:56	SEP 16	02:41	03:14	15:50	16:22
JAN 21	04:48	05:24	14:11	14:48	MAY 21	01:03	01:43	17:23	18:04	SEP 21	02:49	03:21	15:39	16:11
JAN 26	04:43	05:19	14:19	14:55	MAY 26	00:56	01:38	17:30	18:11	SEP 26	02:56	03:29	15:28	16:00
JAN 31	04:37	05:12	14:28	15:03	MAY 31	00:51	01:34	17:35	18:18					
FEB 01	04:36	05:11	14:30	15:05	JUN 01	00:50	01:33	17:36	18:19	OCT 01	03:04	03:36	15:17	15:49
FEB 06	04:29	05:03	14:38	15:13	JUN 06	00:46	01:30	17:41	18:25	OCT 06	03:11	03:44	15:06	15:38
FEB 11	04:21	04:55	14:47	15:21	JUN 11	00:43	01:28	17:45	18:29	OCT 11	03:19	03:52	14:55	15:27
FEB 16	04:13	04:46	14:56	15:29	JUN 16	00:42	01:27	17:48	18:32	OCT 16	03:27	03:59	14:45	15:17
FEB 21	04:04	04:37	15:04	15:37	JUN 21	00:42	01:27	17:50	18:34	OCT 21	03:35	04:08	14:35	15:08
FEB 26	03:54	04:27	15:13	15:45	JUN 26	00:44	01:29	17:50	18:35	OCT 26	03:42	04:16	14:25	14:59
										OCT 31	03:50	04:24	14:16	14:50
MAR 01	03:48	04:21	15:18	15:50	JUL 01	00:47	01:31	17:49	18:34	NOV 01	03:52	04:26	14:15	14:49
MAR 06	03:38	04:10	15:26	15:58	JUL 06	00:51	01:35	17:47	18:31	NOV 06	04:00	04:34	14:06	14:41
MAR 11	03:27	04:00	15:34	16:06	JUL 11	00:57	01:40	17:44	18:27	NOV 11	04:08	04:43	13:59	14:34
MAR 16	03:17	03:49	15:42	16:14	JUL 16	01:03	01:45	17:40	18:22	NOV 16	04:15	04:51	13:52	14:28
MAR 21	03:06	03:38	15:50	16:22	JUL 21	01:10	01:51	17:35	18:16	NOV 21	04:22	04:59	13:47	14:23
MAR 26	02:54	03:27	15:58	16:30	JUL 26	01:17	01:57	17:29	18:09	NOV 26	04:29	05:06	13:42	14:19
MAR 31	02:43	03:16	16:06	16:38	JUL 31	01:25	02:04	17:22	18:01					
APR 01	02:41	03:14	16:07	16:40	AUG 01	01:27	02:06	17:20	17:59	DEC 01	04:36	05:13	13:38	14:16
APR 06	02:30	03:03	16:15	16:48	AUG 06	01:35	02:13	17:12	17:50	DEC 06	04:42	05:20	13:36	14:14
APR 11	02:19	02:52	16:23	16:56	AUG 11	01:43	02:20	17:04	17:41	DEC 11	04:47	05:25	13:35	14:13
APR 16	02:08	02:42	16:31	17:05	AUG 16	01:52	02:28	16:55	17:31	DEC 16	04:51	05:29	13:35	14:14
APR 21	01:57	02:32	16:38	17:13	AUG 21	02:00	02:35	16:45	17:20	DEC 21	04:54	05:33	13:37	14:15
APR 26	01:47	02:22	16:46	17:22	AUG 26	02:08	02:42	16:35	17:09	DEC 26	04:56	05:35	13:39	14:18
					AUG 31	02:16	02:50	16:25	16:58	DEC 31	04:57	05:35	13:44	14:22

6. UKHH - KHARKIV/Osnova 495537N 0361724E

6. UKHH - ХАРЬКОВ/Основа 495537N 0361724E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	04:55	05:33	13:43	14:21	MAY 01	01:37	02:13	16:52	17:28	SEP 01	02:14	02:48	16:22	16:55
JAN 06	04:55	05:32	13:49	14:26	MAY 06	01:27	02:04	16:59	17:36	SEP 06	02:22	02:55	16:11	16:44
JAN 11	04:53	05:30	13:55	14:32	MAY 11	01:18	01:56	17:07	17:45	SEP 11	02:30	03:03	16:00	16:33
JAN 16	04:50	05:27	14:02	14:38	MAY 16	01:10	01:49	17:14	17:53	SEP 16	02:38	03:10	15:49	16:21
JAN 21	04:46	05:22	14:10	14:45	MAY 21	01:02	01:41	17:21	18:01	SEP 21	02:45	03:17	15:38	16:10
JAN 26	04:41	05:17	14:18	14:53	MAY 26	00:56	01:36	17:27	18:08	SEP 26	02:53	03:25	15:27	15:59
JAN 31	04:36	05:10	14:25	15:00	MAY 31	00:50	01:31	17:33	18:15					
FEB 01	04:35	05:09	14:27	15:02	JUN 01	00:49	01:31	17:34	18:16	OCT 01	03:00	03:32	15:16	15:48
FEB 06	04:28	05:02	14:36	15:10	JUN 06	00:45	01:28	17:39	18:22	OCT 06	03:08	03:40	15:05	15:37
FEB 11	04:20	04:53	14:45	15:18	JUN 11	00:42	01:26	17:43	18:26	OCT 11	03:16	03:47	14:55	15:27
FEB 16	04:12	04:44	14:54	15:27	JUN 16	00:41	01:25	17:46	18:30	OCT 16	03:23	03:56	14:45	15:17
FEB 21	04:03	04:35	15:02	15:35	JUN 21	00:41	01:25	17:48	18:31	OCT 21	03:31	04:04	14:35	15:07
FEB 26	03:54	04:26	15:11	15:43	JUN 26	00:43	01:26	17:48	18:32	OCT 26	03:39	04:12	14:25	14:58
										OCT 31	03:47	04:20	14:16	14:50
MAR 01	03:47	04:19	15:16	15:48	JUL 01	00:46	01:29	17:47	18:31	NOV 01	03:49	04:22	14:14	14:48
MAR 06	03:37	04:09	15:25	15:56	JUL 06	00:50	01:33	17:46	18:29	NOV 06	03:57	04:31	14:06	14:40
MAR 11	03:27	03:59	15:33	16:05	JUL 11	00:55	01:37	17:43	18:26	NOV 11	04:05	04:39	13:59	14:33
MAR 16	03:17	03:48	15:41	16:13	JUL 16	01:01	01:42	17:39	18:21	NOV 16	04:13	04:47	13:52	14:27
MAR 21	03:06	03:37	15:49	16:21	JUL 21	01:07	01:48	17:34	18:15	NOV 21	04:20	04:55	13:46	14:22
MAR 26	02:54	03:27	15:57	16:29	JUL 26	01:15	01:54	17:28	18:07	NOV 26	04:27	05:03	13:41	14:18
MAR 31	02:43	03:16	16:04	16:37	JUL 31	01:23	02:01	17:21	17:59					
APR 01	02:41	03:14	16:05	16:38	AUG 01	01:25	02:02	17:19	17:58	DEC 01	04:34	05:11	13:38	14:15
APR 06	02:30	03:03	16:13	16:46	AUG 06	01:33	02:10	17:12	17:49	DEC 06	04:39	05:17	13:36	14:13
APR 11	02:19	02:52	16:21	16:54	AUG 11	01:41	02:17	17:03	17:39	DEC 11	04:44	05:22	13:34	14:12
APR 16	02:08	02:42	16:29	17:02	AUG 16	01:49	02:24	16:54	17:29	DEC 16	04:49	05:26	13:34	14:12
APR 21	01:57	02:32	16:36	17:11	AUG 21	01:57	02:32	16:44	17:19	DEC 21	04:52	05:30	13:36	14:14
APR 26	01:47	02:22	16:44	17:19	AUG 26	02:05	02:39	16:34	17:08	DEC 26	04:54	05:32	13:38	14:16
					AUG 31	02:13	02:46	16:24	16:57	DEC 31	04:55	05:33	13:42	14:20

7. UKHK - KREMENCHUK/Velyka Kohnivka 490802N 0332835E

7. UKHK - КРЕМЕНЧУГ/Великая Кохновка 490802N 0332835E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:04	05:40	13:58	14:35	MAY 01	01:51	02:26	17:01	17:36	SEP 01	02:27	03:00	16:32	17:04
JAN 06	05:03	05:40	14:03	14:40	MAY 06	01:41	02:17	17:08	17:44	SEP 06	02:35	03:07	16:21	16:53
JAN 11	05:02	05:38	14:09	14:45	MAY 11	01:33	02:10	17:16	17:53	SEP 11	02:42	03:14	16:11	16:43
JAN 16	04:59	05:35	14:16	14:51	MAY 16	01:24	02:03	17:23	18:00	SEP 16	02:50	03:21	15:59	16:32
JAN 21	04:55	05:30	14:24	14:58	MAY 21	01:17	01:56	17:29	18:08	SEP 21	02:57	03:29	15:49	16:21
JAN 26	04:50	05:26	14:31	15:06	MAY 26	01:11	01:51	17:35	18:15	SEP 26	03:04	03:36	15:38	16:10
JAN 31	04:45	05:19	14:39	15:13	MAY 31	01:06	01:46	17:41	18:22					
FEB 01	04:44	05:18	14:41	15:15	JUN 01	01:05	01:46	17:42	18:23	OCT 01	03:12	03:43	15:28	15:59
FEB 06	04:37	05:11	14:49	15:23	JUN 06	01:01	01:43	17:47	18:28	OCT 06	03:19	03:50	15:17	15:48
FEB 11	04:30	05:03	14:58	15:31	JUN 11	00:59	01:41	17:50	18:32	OCT 11	03:26	03:58	15:07	15:38
FEB 16	04:22	04:54	15:07	15:39	JUN 16	00:58	01:40	17:53	18:36	OCT 16	03:34	04:06	14:57	15:28
FEB 21	04:13	04:45	15:15	15:47	JUN 21	00:58	01:40	17:55	18:38	OCT 21	03:42	04:14	14:47	15:19
FEB 26	04:05	04:36	15:23	15:55	JUN 26	00:59	01:42	17:56	18:38	OCT 26	03:49	04:22	14:38	15:10
										OCT 31	03:57	04:30	14:29	15:02
MAR 01	03:58	04:29	15:29	16:00	JUL 01	01:02	01:44	17:55	18:37	NOV 01	03:59	04:32	14:28	15:01
MAR 06	03:49	04:20	15:36	16:08	JUL 06	01:06	01:48	17:53	18:36	NOV 06	04:06	04:40	14:19	14:53
MAR 11	03:38	04:09	15:44	16:16	JUL 11	01:11	01:52	17:51	18:32	NOV 11	04:14	04:48	14:12	14:46
MAR 16	03:28	03:59	15:52	16:24	JUL 16	01:17	01:57	17:47	18:27	NOV 16	04:22	04:56	14:06	14:40
MAR 21	03:17	03:48	16:00	16:31	JUL 21	01:23	02:02	17:42	18:21	NOV 21	04:29	05:04	14:00	14:35
MAR 26	03:06	03:38	16:08	16:39	JUL 26	01:30	02:08	17:36	18:15	NOV 26	04:36	05:12	13:56	14:32
MAR 31	02:55	03:27	16:15	16:47	JUL 31	01:38	02:15	17:29	18:07					
APR 01	02:53	03:25	16:16	16:48	AUG 01	01:40	02:16	17:28	18:05	DEC 01	04:42	05:18	13:52	14:29
APR 06	02:43	03:15	16:24	16:56	AUG 06	01:47	02:24	17:20	17:57	DEC 06	04:48	05:25	13:50	14:27
APR 11	02:32	03:04	16:31	17:04	AUG 11	01:55	02:31	17:12	17:47	DEC 11	04:53	05:30	13:49	14:26
APR 16	02:21	02:54	16:39	17:11	AUG 16	02:03	02:38	17:03	17:38	DEC 16	04:57	05:34	13:49	14:26
APR 21	02:10	02:44	16:46	17:20	AUG 21	02:11	02:45	16:54	17:28	DEC 21	05:00	05:37	13:50	14:28
APR 26	02:00	02:35	16:53	17:28	AUG 26	02:18	02:52	16:44	17:17	DEC 26	05:03	05:40	13:53	14:30
					AUG 31	02:26	02:59	16:34	17:06	DEC 31	05:03	05:40	13:57	14:34

8. UKHP - POLTAVA/Suprunivka 493410N 0342339E

8. UKHP - ПОЛТАВА /Супруновка 493410N 0342339E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:01	05:39	13:52	14:30	MAY 01	01:46	02:21	16:59	17:34	SEP 01	02:23	02:56	16:29	17:02
JAN 06	05:01	05:38	13:58	14:35	MAY 06	01:36	02:12	17:06	17:42	SEP 06	02:30	03:03	16:18	16:51
JAN 11	04:59	05:36	14:04	14:40	MAY 11	01:27	02:04	17:13	17:51	SEP 11	02:38	03:10	16:07	16:40
JAN 16	04:56	05:33	14:11	14:46	MAY 16	01:19	01:57	17:20	17:59	SEP 16	02:46	03:17	15:56	16:28
JAN 21	04:53	05:28	14:18	14:53	MAY 21	01:11	01:50	17:27	18:07	SEP 21	02:53	03:25	15:45	16:17
JAN 26	04:48	05:23	14:26	15:01	MAY 26	01:05	01:45	17:33	18:14	SEP 26	03:00	03:32	15:35	16:06
JAN 31	04:43	05:17	14:34	15:09	MAY 31	00:59	01:41	17:39	18:20					
FEB 01	04:41	05:15	14:36	15:10	JUN 01	00:58	01:40	17:40	18:22	OCT 01	03:08	03:40	15:24	15:55
FEB 06	04:35	05:08	14:45	15:18	JUN 06	00:55	01:37	17:45	18:27	OCT 06	03:16	03:47	15:13	15:45
FEB 11	04:27	05:00	14:54	15:26	JUN 11	00:52	01:35	17:49	18:31	OCT 11	03:23	03:54	15:03	15:34
FEB 16	04:19	04:51	15:02	15:35	JUN 16	00:51	01:34	17:52	18:35	OCT 16	03:30	04:03	14:53	15:24
FEB 21	04:10	04:42	15:10	15:43	JUN 21	00:51	01:35	17:53	18:37	OCT 21	03:38	04:11	14:43	15:15
FEB 26	04:01	04:33	15:19	15:51	JUN 26	00:53	01:36	17:54	18:38	OCT 26	03:46	04:19	14:33	15:06
										OCT 31	03:54	04:27	14:25	14:58
MAR 01	03:54	04:26	15:24	15:56	JUL 01	00:56	01:38	17:53	18:36	NOV 01	03:56	04:29	14:23	14:56
MAR 06	03:45	04:17	15:32	16:04	JUL 06	01:00	01:42	17:52	18:34	NOV 06	04:04	04:37	14:15	14:48
MAR 11	03:35	04:06	15:41	16:12	JUL 11	01:05	01:46	17:49	18:31	NOV 11	04:11	04:46	14:08	14:41
MAR 16	03:24	03:55	15:48	16:20	JUL 16	01:11	01:51	17:45	18:26	NOV 16	04:19	04:54	14:01	14:36
MAR 21	03:14	03:45	15:56	16:28	JUL 21	01:17	01:57	17:40	18:20	NOV 21	04:26	05:02	13:55	14:31
MAR 26	03:02	03:34	16:04	16:36	JUL 26	01:25	02:03	17:34	18:13	NOV 26	04:33	05:10	13:50	14:27
MAR 31	02:51	03:24	16:11	16:44	JUL 31	01:32	02:10	17:27	18:05					
APR 01	02:49	03:21	16:13	16:45	AUG 01	01:34	02:11	17:26	18:04	DEC 01	04:40	05:17	13:47	14:24
APR 06	02:38	03:11	16:20	16:53	AUG 06	01:42	02:18	17:18	17:55	DEC 06	04:46	05:23	13:45	14:21
APR 11	02:27	03:00	16:28	17:01	AUG 11	01:50	02:26	17:10	17:45	DEC 11	04:51	05:28	13:44	14:21
APR 16	02:16	02:50	16:36	17:09	AUG 16	01:58	02:33	17:01	17:36	DEC 16	04:55	05:32	13:43	14:21
APR 21	02:05	02:40	16:43	17:18	AUG 21	02:06	02:40	16:51	17:26	DEC 21	04:58	05:36	13:45	14:22
APR 26	01:55	02:30	16:51	17:26	AUG 26	02:13	02:48	16:41	17:15	DEC 26	05:00	05:38	13:48	14:25
					AUG 31	02:21	02:54	16:31	17:04	DEC 31	05:01	05:38	13:51	14:29

9. UKHS - SUMY 505130N 0344546E

9. UKHS - СУМЬ 505130N 0344546E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:04	05:43	13:45	14:24	MAY 01	01:39	02:16	17:01	17:38	SEP 01	02:18	02:52	16:29	17:03
JAN 06	05:04	05:42	13:50	14:29	MAY 06	01:29	02:06	17:08	17:46	SEP 06	02:27	03:00	16:18	16:52
JAN 11	05:02	05:40	13:57	14:35	MAY 11	01:19	01:58	17:16	17:56	SEP 11	02:35	03:08	16:07	16:41
JAN 16	04:59	05:37	14:04	14:41	MAY 16	01:11	01:51	17:24	18:04	SEP 16	02:42	03:15	15:56	16:29
JAN 21	04:55	05:32	14:12	14:48	MAY 21	01:03	01:44	17:31	18:13	SEP 21	02:50	03:23	15:44	16:17
JAN 26	04:50	05:26	14:20	14:56	MAY 26	00:56	01:38	17:37	18:20	SEP 26	02:58	03:30	15:33	16:06
JAN 31	04:44	05:19	14:29	15:04	MAY 31	00:50	01:33	17:44	18:27					
FEB 01	04:43	05:18	14:31	15:06	JUN 01	00:49	01:33	17:45	18:28	OCT 01	03:06	03:38	15:22	15:54
FEB 06	04:36	05:10	14:40	15:14	JUN 06	00:45	01:29	17:50	18:35	OCT 06	03:14	03:46	15:11	15:43
FEB 11	04:28	05:02	14:49	15:23	JUN 11	00:42	01:27	17:54	18:39	OCT 11	03:22	03:54	15:00	15:32
FEB 16	04:19	04:53	14:58	15:32	JUN 16	00:38	01:26	17:57	18:43	OCT 16	03:30	04:03	14:50	15:22
FEB 21	04:10	04:43	15:07	15:40	JUN 21	00:24	01:26	17:59	18:45	OCT 21	03:38	04:12	14:39	15:12
FEB 26	04:01	04:33	15:16	15:48	JUN 26	00:42	01:28	18:00	18:45	OCT 26	03:47	04:20	14:29	15:03
										OCT 31	03:55	04:29	14:20	14:54
MAR 01	03:54	04:26	15:21	15:54	JUL 01	00:45	01:30	17:58	18:44	NOV 01	03:56	04:31	14:18	14:52
MAR 06	03:44	04:16	15:30	16:02	JUL 06	00:49	01:34	17:57	18:42	NOV 06	04:05	04:39	14:10	14:44
MAR 11	03:33	04:05	15:38	16:11	JUL 11	00:55	01:38	17:54	18:38	NOV 11	04:13	04:48	14:02	14:37
MAR 16	03:22	03:54	15:47	16:19	JUL 16	01:01	01:44	17:50	18:33	NOV 16	04:21	04:57	13:55	14:31
MAR 21	03:11	03:43	15:55	16:28	JUL 21	01:08	01:50	17:44	18:26	NOV 21	04:29	05:05	13:49	14:26
MAR 26	02:59	03:32	16:03	16:36	JUL 26	01:16	01:56	17:38	18:19	NOV 26	04:36	05:13	13:44	14:21
MAR 31	02:48	03:21	16:11	16:44	JUL 31	01:24	02:04	17:30	18:10					
APR 01	02:45	03:19	16:12	16:46	AUG 01	01:26	02:05	17:29	18:09	DEC 01	04:43	05:21	13:40	14:18
APR 06	02:34	03:07	16:21	16:54	AUG 06	01:34	02:13	17:21	17:59	DEC 06	04:49	05:27	13:38	14:15
APR 11	02:23	02:56	16:29	17:03	AUG 11	01:43	02:20	17:12	17:49	DEC 11	04:54	05:32	13:36	14:15
APR 16	02:11	02:46	16:37	17:11	AUG 16	01:51	02:28	17:03	17:39	DEC 16	04:58	05:37	13:36	14:15
APR 21	02:00	02:35	16:45	17:20	AUG 21	02:00	02:35	16:53	17:28	DEC 21	05:01	05:40	13:37	14:16
APR 26	01:49	02:25	16:53	17:29	AUG 26	02:08	02:43	16:42	17:17	DEC 26	05:03	05:42	13:40	14:19
					AUG 31	02:17	02:51	16:32	17:06	DEC 31	05:04	05:43	13:44	14:23

10. UKKE - CHERKASY 492457N 0315942E

10. UKKE - ЧЕРКАСЬКІ 492457N 0315942E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:10	05:47	14:02	14:40	MAY 01	01:56	02:31	17:08	17:43	SEP 01	02:33	03:06	16:38	17:11
JAN 06	05:10	05:47	14:08	14:45	MAY 06	01:46	02:22	17:15	17:51	SEP 06	02:40	03:13	16:27	17:00
JAN 11	05:08	05:45	14:14	14:50	MAY 11	01:37	02:15	17:23	18:00	SEP 11	02:48	03:20	16:17	16:49
JAN 16	05:06	05:42	14:21	14:56	MAY 16	01:29	02:08	17:30	18:08	SEP 16	02:55	03:27	16:06	16:38
JAN 21	05:02	05:37	14:29	15:03	MAY 21	01:22	02:01	17:36	18:15	SEP 21	03:03	03:34	15:55	16:27
JAN 26	04:57	05:32	14:36	15:11	MAY 26	01:16	01:56	17:42	18:22	SEP 26	03:10	03:42	15:44	16:16
JAN 31	04:52	05:26	14:44	15:19	MAY 31	01:10	01:51	17:48	18:29					
FEB 01	04:51	05:24	14:46	15:20	JUN 01	01:09	01:50	17:49	18:30	OCT 01	03:17	03:49	15:33	16:05
FEB 06	04:44	05:17	14:55	15:28	JUN 06	01:05	01:47	17:54	18:36	OCT 06	03:25	03:56	15:23	15:54
FEB 11	04:36	05:09	15:04	15:36	JUN 11	01:03	01:46	17:58	18:40	OCT 11	03:32	04:04	15:12	15:44
FEB 16	04:28	05:01	15:12	15:45	JUN 16	01:02	01:45	18:00	18:44	OCT 16	03:40	04:12	15:02	15:34
FEB 21	04:19	04:52	15:20	15:53	JUN 21	01:02	01:45	18:02	18:45	OCT 21	03:48	04:20	14:53	15:25
FEB 26	04:11	04:42	15:29	16:00	JUN 26	01:03	01:46	18:03	18:46	OCT 26	03:56	04:28	14:43	15:16
										OCT 31	04:03	04:37	14:35	15:08
MAR 01	04:04	04:36	15:34	16:06	JUL 01	01:06	01:48	18:02	18:45	NOV 01	04:05	04:38	14:33	15:06
MAR 06	03:55	04:26	15:42	16:14	JUL 06	01:10	01:52	18:01	18:43	NOV 06	04:13	04:46	14:25	14:58
MAR 11	03:44	04:16	15:50	16:22	JUL 11	01:15	01:56	17:58	18:40	NOV 11	04:21	04:55	14:18	14:51
MAR 16	03:34	04:05	15:58	16:30	JUL 16	01:21	02:01	17:54	18:35	NOV 16	04:29	05:03	14:11	14:46
MAR 21	03:23	03:54	16:06	16:37	JUL 21	01:27	02:07	17:49	18:29	NOV 21	04:36	05:11	14:05	14:41
MAR 26	03:12	03:44	16:14	16:45	JUL 26	01:35	02:13	17:43	18:22	NOV 26	04:42	05:19	14:01	14:37
MAR 31	03:01	03:33	16:21	16:53	JUL 31	01:43	02:20	17:36	18:14					
APR 01	02:59	03:31	16:22	16:55	AUG 01	01:44	02:21	17:35	18:13	DEC 01	04:49	05:26	13:57	14:34
APR 06	02:48	03:20	16:30	17:02	AUG 06	01:52	02:29	17:27	18:04	DEC 06	04:55	05:32	13:55	14:32
APR 11	02:37	03:10	16:38	17:10	AUG 11	02:00	02:36	17:19	17:54	DEC 11	05:00	05:37	13:54	14:31
APR 16	02:26	03:00	16:45	17:18	AUG 16	02:08	02:43	17:10	17:45	DEC 16	05:04	05:41	13:54	14:31
APR 21	02:15	02:50	16:52	17:27	AUG 21	02:16	02:50	17:00	17:35	DEC 21	05:07	05:45	13:55	14:33
APR 26	02:05	02:40	17:00	17:35	AUG 26	02:23	02:57	16:51	17:24	DEC 26	05:09	05:47	13:58	14:35
					AUG 31	02:31	03:04	16:40	17:13	DEC 31	05:10	05:47	14:02	14:39

11. UKKG - KIROVOHRAD 483229N 0321658E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:07	05:42	14:05	14:42	MAY 01	01:58	02:32	17:04	17:39	SEP 01	02:33	03:06	16:35	17:08
JAN 06	05:06	05:42	14:10	14:47	MAY 06	01:48	02:24	17:11	17:46	SEP 06	02:41	03:13	16:25	16:57
JAN 11	05:05	05:40	14:16	14:52	MAY 11	01:40	02:16	17:18	17:55	SEP 11	02:48	03:20	16:15	16:46
JAN 16	05:02	05:37	14:23	14:58	MAY 16	01:32	02:09	17:25	18:02	SEP 16	02:55	03:26	16:03	16:36
JAN 21	04:59	05:33	14:31	15:05	MAY 21	01:25	02:03	17:32	18:09	SEP 21	03:02	03:33	15:53	16:25
JAN 26	04:54	05:28	14:38	15:12	MAY 26	01:19	01:58	17:38	18:16	SEP 26	03:09	03:41	15:43	16:14
JAN 31	04:49	05:22	14:46	15:19	MAY 31	01:14	01:54	17:43	18:23					
FEB 01	04:47	05:21	14:47	15:21	JUN 01	01:13	01:53	17:44	18:24	OCT 01	03:16	03:48	15:33	16:04
FEB 06	04:41	05:14	14:56	15:29	JUN 06	01:09	01:50	17:49	18:29	OCT 06	03:24	03:55	15:22	15:53
FEB 11	04:34	05:06	15:05	15:37	JUN 11	01:07	01:48	17:52	18:34	OCT 11	03:31	04:02	15:12	15:43
FEB 16	04:26	04:58	15:13	15:44	JUN 16	01:06	01:47	17:55	18:37	OCT 16	03:38	04:10	15:02	15:34
FEB 21	04:17	04:49	15:21	15:52	JUN 21	01:06	01:48	17:57	18:39	OCT 21	03:46	04:18	14:53	15:25
FEB 26	04:09	04:40	15:29	16:00	JUN 26	01:08	01:49	17:58	18:39	OCT 26	03:53	04:25	14:44	15:16
										OCT 31	04:01	04:33	14:35	15:08
MAR 01	04:02	04:33	15:34	16:05	JUL 01	01:10	01:52	17:57	18:38	NOV 01	04:03	04:35	14:34	15:06
MAR 06	03:53	04:24	15:42	16:13	JUL 06	01:14	01:55	17:55	18:37	NOV 06	04:10	04:43	14:26	14:59
MAR 11	03:43	04:14	15:49	16:20	JUL 11	01:19	01:59	17:53	18:33	NOV 11	04:18	04:51	14:19	14:52
MAR 16	03:33	04:04	15:57	16:28	JUL 16	01:25	02:04	17:49	18:28	NOV 16	04:25	04:59	14:13	14:46
MAR 21	03:23	03:53	16:04	16:35	JUL 21	01:31	02:10	17:44	18:23	NOV 21	04:32	05:07	14:07	14:42
MAR 26	03:12	03:43	16:12	16:43	JUL 26	01:38	02:16	17:39	18:17	NOV 26	04:39	05:14	14:03	14:38
MAR 31	03:01	03:33	16:19	16:51	JUL 31	01:45	02:22	17:32	18:09					
APR 01	02:59	03:30	16:21	16:52	AUG 01	01:47	02:23	17:30	18:08	DEC 01	04:45	05:21	14:00	14:35
APR 06	02:49	03:20	16:28	16:59	AUG 06	01:54	02:30	17:23	17:59	DEC 06	04:51	05:27	13:57	14:33
APR 11	02:37	03:10	16:35	17:07	AUG 11	02:02	02:37	17:15	17:50	DEC 11	04:56	05:32	13:57	14:32
APR 16	02:27	03:00	16:42	17:15	AUG 16	02:10	02:44	17:06	17:41	DEC 16	05:00	05:36	13:56	14:33
APR 21	02:17	02:50	16:49	17:23	AUG 21	02:17	02:51	16:57	17:31	DEC 21	05:03	05:40	13:58	14:34
APR 26	02:07	02:41	16:57	17:31	AUG 26	02:25	02:58	16:48	17:21	DEC 26	05:05	05:42	14:01	14:37
					AUG 31	02:32	03:04	16:38	17:10	DEC 31	05:06	05:42	14:04	14:41

12. UKKK - KYIV/Zhuliany 502407N 0302707E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:20	05:58	14:04	14:42	MAY 01	01:58	02:35	17:17	17:53	SEP 01	02:37	03:10	16:46	17:19
JAN 06	05:20	05:57	14:10	14:47	MAY 06	01:48	02:25	17:24	18:01	SEP 06	02:45	03:18	16:35	17:08
JAN 11	05:18	05:55	14:16	14:53	MAY 11	01:39	02:17	17:32	18:11	SEP 11	02:53	03:25	16:24	16:57
JAN 16	05:15	05:52	14:23	15:00	MAY 16	01:31	02:10	17:39	18:19	SEP 16	03:00	03:33	16:13	16:45
JAN 21	05:11	05:47	14:31	15:07	MAY 21	01:22	02:03	17:46	18:27	SEP 21	03:08	03:40	16:01	16:34
JAN 26	05:06	05:42	14:39	15:15	MAY 26	01:16	01:58	17:53	18:34	SEP 26	03:16	03:48	15:50	16:23
JAN 31	05:00	05:35	14:47	15:23	MAY 31	01:10	01:53	17:59	18:41					
FEB 01	04:59	05:34	14:49	15:24	JUN 01	01:09	01:52	18:00	18:43	OCT 01	03:23	03:56	15:39	16:11
FEB 06	04:52	05:26	14:58	15:32	JUN 06	01:05	01:49	18:05	18:49	OCT 06	03:31	04:03	15:28	16:00
FEB 11	04:44	05:18	15:07	15:41	JUN 11	01:02	01:47	18:09	18:53	OCT 11	03:39	04:11	15:18	15:50
FEB 16	04:36	05:09	15:16	15:50	JUN 16	01:00	01:46	18:12	18:56	OCT 16	03:47	04:20	15:07	15:40
FEB 21	04:27	05:00	15:25	15:58	JUN 21	00:53	01:46	18:14	18:58	OCT 21	03:55	04:28	14:57	15:30
FEB 26	04:17	04:50	15:34	16:06	JUN 26	01:03	01:47	18:14	18:59	OCT 26	04:03	04:36	14:47	15:21
										OCT 31	04:11	04:45	14:38	15:12
MAR 01	04:11	04:43	15:39	16:11	JUL 01	01:06	01:50	18:13	18:58	NOV 01	04:13	04:47	14:37	15:11
MAR 06	04:01	04:33	15:47	16:20	JUL 06	01:10	01:54	18:12	18:56	NOV 06	04:21	04:55	14:28	15:03
MAR 11	03:50	04:22	15:56	16:28	JUL 11	01:15	01:58	18:09	18:52	NOV 11	04:29	05:04	14:21	14:55
MAR 16	03:40	04:11	16:04	16:36	JUL 16	01:21	02:03	18:05	18:47	NOV 16	04:37	05:12	14:14	14:49
MAR 21	03:29	04:00	16:12	16:44	JUL 21	01:28	02:09	17:59	18:41	NOV 21	04:44	05:21	14:08	14:44
MAR 26	03:17	03:50	16:20	16:52	JUL 26	01:36	02:16	17:53	18:33	NOV 26	04:52	05:29	14:03	14:40
MAR 31	03:06	03:39	16:28	17:01	JUL 31	01:44	02:23	17:46	18:25					
APR 01	03:03	03:37	16:29	17:02	AUG 01	01:46	02:24	17:44	18:23	DEC 01	04:59	05:36	13:59	14:37
APR 06	02:52	03:25	16:37	17:10	AUG 06	01:54	02:31	17:37	18:14	DEC 06	05:04	05:42	13:57	14:34
APR 11	02:41	03:14	16:45	17:19	AUG 11	02:02	02:39	17:28	18:05	DEC 11	05:09	05:48	13:56	14:34
APR 16	02:30	03:04	16:54	17:27	AUG 16	02:10	02:46	17:19	17:54	DEC 16	05:14	05:52	13:55	14:34
APR 21	02:19	02:54	17:01	17:36	AUG 21	02:19	02:54	17:09	17:44	DEC 21	05:17	05:55	13:57	14:35
APR 26	02:08	02:44	17:09	17:44	AUG 26	02:27	03:02	16:59	17:33	DEC 26	05:19	05:58	13:59	14:38
					AUG 31	02:35	03:09	16:48	17:22	DEC 31	05:20	05:58	14:03	14:42

13. UKKM - KYIV/Antonov-2 503601N 0301137E

13. UKKM - КИЕВ/Антонов-2 503601N 0301137E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:22	06:00	14:04	14:43	MAY 01	01:58	02:35	17:19	17:55	SEP 01	02:37	03:11	16:47	17:21
JAN 06	05:21	05:59	14:10	14:48	MAY 06	01:48	02:26	17:26	18:03	SEP 06	02:45	03:19	16:36	17:10
JAN 11	05:20	05:57	14:16	14:54	MAY 11	01:39	02:18	17:34	18:13	SEP 11	02:53	03:26	16:25	16:58
JAN 16	05:16	05:54	14:23	15:00	MAY 16	01:30	02:10	17:41	18:21	SEP 16	03:01	03:34	16:14	16:47
JAN 21	05:12	05:49	14:31	15:07	MAY 21	01:22	02:03	17:48	18:29	SEP 21	03:09	03:41	16:03	16:35
JAN 26	05:07	05:44	14:40	15:15	MAY 26	01:16	01:58	17:55	18:37	SEP 26	03:17	03:49	15:51	16:24
JAN 31	05:02	05:37	14:48	15:23	MAY 31	01:10	01:53	18:01	18:44					
FEB 01	05:00	05:35	14:50	15:25	JUN 01	01:09	01:52	18:02	18:45	OCT 01	03:24	03:57	15:40	16:13
FEB 06	04:53	05:28	14:59	15:33	JUN 06	01:05	01:49	18:07	18:51	OCT 06	03:33	04:04	15:29	16:01
FEB 11	04:45	05:20	15:08	15:42	JUN 11	01:02	01:47	18:11	18:55	OCT 11	03:40	04:12	15:18	15:51
FEB 16	04:37	05:10	15:17	15:50	JUN 16	00:59	01:46	18:14	18:59	OCT 16	03:48	04:21	15:08	15:40
FEB 21	04:28	05:01	15:26	15:59	JUN 21	00:49	01:46	18:16	19:01	OCT 21	03:56	04:30	14:58	15:31
FEB 26	04:19	04:51	15:34	16:07	JUN 26	01:02	01:47	18:16	19:02	OCT 26	04:04	04:38	14:48	15:22
										OCT 31	04:13	04:47	14:39	15:13
MAR 01	04:12	04:44	15:40	16:12	JUL 01	01:05	01:50	18:15	19:00	NOV 01	04:14	04:48	14:37	15:11
MAR 06	04:02	04:34	15:48	16:21	JUL 06	01:09	01:54	18:14	18:58	NOV 06	04:23	04:57	14:29	15:03
MAR 11	03:51	04:23	15:57	16:29	JUL 11	01:15	01:58	18:11	18:54	NOV 11	04:31	05:06	14:21	14:56
MAR 16	03:40	04:12	16:05	16:37	JUL 16	01:21	02:03	18:07	18:49	NOV 16	04:39	05:14	14:14	14:50
MAR 21	03:30	04:01	16:13	16:46	JUL 21	01:28	02:09	18:01	18:43	NOV 21	04:46	05:22	14:08	14:45
MAR 26	03:18	03:50	16:21	16:54	JUL 26	01:36	02:16	17:55	18:35	NOV 26	04:53	05:31	14:03	14:40
MAR 31	03:06	03:40	16:29	17:02	JUL 31	01:44	02:23	17:48	18:27					
APR 01	03:04	03:37	16:30	17:04	AUG 01	01:46	02:24	17:46	18:25	DEC 01	05:00	05:38	13:59	14:37
APR 06	02:53	03:26	16:39	17:12	AUG 06	01:54	02:32	17:38	18:16	DEC 06	05:06	05:44	13:57	14:35
APR 11	02:41	03:15	16:47	17:20	AUG 11	02:02	02:40	17:29	18:07	DEC 11	05:11	05:50	13:56	14:34
APR 16	02:30	03:05	16:55	17:28	AUG 16	02:11	02:47	17:20	17:56	DEC 16	05:15	05:54	13:55	14:34
APR 21	02:19	02:54	17:02	17:37	AUG 21	02:19	02:54	17:10	17:46	DEC 21	05:19	05:57	13:57	14:36
APR 26	02:09	02:44	17:10	17:46	AUG 26	02:27	03:02	17:00	17:35	DEC 26	05:21	05:59	13:59	14:38
					AUG 31	02:35	03:09	16:49	17:23	DEC 31	05:22	06:00	14:03	14:42

14. UKKO - OZERNE 500932N 0284418E

14. UKKO - ОЗЕРНОЕ 500932N 0284418E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:26	06:04	14:12	14:50	MAY 01	02:06	02:42	17:23	17:59	SEP 01	02:44	03:18	16:52	17:26
JAN 06	05:26	06:03	14:18	14:55	MAY 06	01:56	02:33	17:30	18:07	SEP 06	02:52	03:25	16:41	17:15
JAN 11	05:24	06:01	14:24	15:01	MAY 11	01:47	02:25	17:38	18:16	SEP 11	03:00	03:33	16:30	17:03
JAN 16	05:21	05:58	14:31	15:07	MAY 16	01:39	02:18	17:45	18:24	SEP 16	03:08	03:40	16:19	16:52
JAN 21	05:17	05:53	14:39	15:14	MAY 21	01:31	02:11	17:52	18:33	SEP 21	03:15	03:47	16:08	16:40
JAN 26	05:12	05:48	14:47	15:22	MAY 26	01:24	02:06	17:58	18:40	SEP 26	03:23	03:55	15:57	16:29
JAN 31	05:07	05:41	14:55	15:30	MAY 31	01:18	02:01	18:05	18:47					
FEB 01	05:05	05:40	14:57	15:32	JUN 01	01:17	02:00	18:06	18:48	OCT 01	03:30	04:02	15:46	16:18
FEB 06	04:58	05:32	15:06	15:40	JUN 06	01:14	01:57	18:10	18:54	OCT 06	03:38	04:10	15:35	16:07
FEB 11	04:50	05:24	15:15	15:48	JUN 11	01:11	01:55	18:14	18:58	OCT 11	03:46	04:18	15:25	15:57
FEB 16	04:42	05:15	15:24	15:57	JUN 16	01:09	01:54	18:17	19:01	OCT 16	03:53	04:26	15:15	15:47
FEB 21	04:33	05:06	15:32	16:05	JUN 21	01:07	01:54	18:19	19:03	OCT 21	04:02	04:35	15:04	15:37
FEB 26	04:24	04:56	15:41	16:13	JUN 26	01:11	01:55	18:20	19:04	OCT 26	04:10	04:43	14:55	15:28
										OCT 31	04:18	04:51	14:46	15:20
MAR 01	04:17	04:50	15:46	16:18	JUL 01	01:14	01:58	18:19	19:03	NOV 01	04:19	04:53	14:44	15:18
MAR 06	04:08	04:40	15:54	16:27	JUL 06	01:19	02:02	18:17	19:01	NOV 06	04:27	05:01	14:36	15:10
MAR 11	03:57	04:29	16:03	16:35	JUL 11	01:24	02:06	18:14	18:57	NOV 11	04:35	05:10	14:28	15:03
MAR 16	03:47	04:18	16:11	16:43	JUL 16	01:30	02:11	18:10	18:52	NOV 16	04:43	05:18	14:21	14:57
MAR 21	03:36	04:07	16:19	16:51	JUL 21	01:36	02:17	18:05	18:46	NOV 21	04:51	05:27	14:16	14:52
MAR 26	03:24	03:57	16:27	16:59	JUL 26	01:44	02:23	17:59	18:39	NOV 26	04:58	05:35	14:11	14:48
MAR 31	03:13	03:46	16:34	17:07	JUL 31	01:52	02:30	17:52	18:31					
APR 01	03:11	03:44	16:36	17:09	AUG 01	01:54	02:32	17:50	18:29	DEC 01	05:05	05:42	14:07	14:44
APR 06	02:59	03:33	16:44	17:17	AUG 06	02:02	02:39	17:43	18:20	DEC 06	05:10	05:48	14:05	14:42
APR 11	02:48	03:21	16:52	17:25	AUG 11	02:10	02:47	17:34	18:10	DEC 11	05:15	05:53	14:04	14:41
APR 16	02:37	03:11	17:00	17:33	AUG 16	02:18	02:54	17:25	18:00	DEC 16	05:20	05:58	14:03	14:41
APR 21	02:26	03:01	17:07	17:42	AUG 21	02:26	03:01	17:15	17:50	DEC 21	05:23	06:01	14:05	14:43
APR 26	02:16	02:51	17:15	17:50	AUG 26	02:34	03:09	17:05	17:39	DEC 26	05:25	06:03	14:07	14:46
					AUG 31	02:42	03:16	16:55	17:28	DEC 31	05:26	06:04	14:11	14:49

15. UKKT - KYIV/Antonov-1 502844N 0302303E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:22	06:00	14:07	14:46	MAY 01	01:59	02:36	17:19	17:56	SEP 01	02:41	03:15	16:47	17:21
JAN 06	05:21	05:59	14:13	14:51	MAY 06	01:50	02:28	17:26	18:04	SEP 06	02:49	03:22	16:36	17:09
JAN 11	05:19	05:57	14:19	14:57	MAY 11	01:41	02:20	17:34	18:13	SEP 11	02:57	03:30	16:25	16:58
JAN 16	05:16	05:53	14:26	15:03	MAY 16	01:32	02:12	17:41	18:21	SEP 16	03:05	03:37	16:14	16:46
JAN 21	05:12	05:49	14:34	15:11	MAY 21	01:25	02:06	17:48	18:29	SEP 21	03:12	03:45	16:02	16:35
JAN 26	05:07	05:43	14:42	15:18	MAY 26	01:18	02:00	17:55	18:37	SEP 26	03:20	03:52	15:51	16:24
JAN 31	05:01	05:37	14:51	15:26	MAY 31	01:13	01:56	18:00	18:43					
FEB 01	05:00	05:35	14:53	15:28	JUN 01	01:12	01:55	18:01	18:45	OCT 01	03:28	04:00	15:40	16:13
FEB 06	04:53	05:28	15:01	15:36	JUN 06	01:08	01:52	18:06	18:50	OCT 06	03:35	04:08	15:29	16:02
FEB 11	04:45	05:19	15:10	15:44	JUN 11	01:05	01:50	18:10	18:55	OCT 11	03:43	04:16	15:18	15:51
FEB 16	04:37	05:10	15:19	15:52	JUN 16	01:04	01:49	18:13	18:58	OCT 16	03:51	04:24	15:08	15:41
FEB 21	04:28	05:01	15:28	16:01	JUN 21	01:04	01:50	18:15	19:00	OCT 21	03:59	04:32	14:58	15:31
FEB 26	04:18	04:51	15:36	16:09	JUN 26	01:06	01:51	18:15	19:00	OCT 26	04:07	04:40	14:48	15:22
										OCT 31	04:14	04:49	14:39	15:13
MAR 01	04:12	04:45	15:41	16:14	JUL 01	01:09	01:54	18:14	18:59	NOV 01	04:16	04:50	14:38	15:12
MAR 06	04:02	04:34	15:49	16:22	JUL 06	01:13	01:57	18:12	18:57	NOV 06	04:24	04:59	14:29	15:04
MAR 11	03:51	04:23	15:58	16:30	JUL 11	01:19	02:02	18:09	18:53	NOV 11	04:32	05:07	14:22	14:57
MAR 16	03:40	04:13	16:06	16:38	JUL 16	01:25	02:07	18:05	18:47	NOV 16	04:40	05:15	14:15	14:51
MAR 21	03:29	04:02	16:14	16:46	JUL 21	01:32	02:13	18:00	18:41	NOV 21	04:47	05:24	14:09	14:46
MAR 26	03:18	03:50	16:22	16:54	JUL 26	01:40	02:20	17:54	18:34	NOV 26	04:54	05:31	14:04	14:42
MAR 31	03:06	03:39	16:30	17:02	JUL 31	01:48	02:27	17:47	18:26					
APR 01	03:04	03:37	16:31	17:04	AUG 01	01:49	02:28	17:45	18:24	DEC 01	05:01	05:38	14:01	14:39
APR 06	02:53	03:26	16:39	17:12	AUG 06	01:58	02:36	17:37	18:15	DEC 06	05:06	05:45	13:58	14:37
APR 11	02:42	03:16	16:47	17:21	AUG 11	02:06	02:43	17:28	18:05	DEC 11	05:11	05:50	13:57	14:36
APR 16	02:31	03:05	16:55	17:29	AUG 16	02:14	02:51	17:19	17:55	DEC 16	05:16	05:54	13:58	14:36
APR 21	02:20	02:55	17:03	17:38	AUG 21	02:23	02:58	17:09	17:45	DEC 21	05:19	05:58	13:59	14:38
APR 26	02:09	02:45	17:11	17:47	AUG 26	02:31	03:06	16:59	17:34	DEC 26	05:21	06:00	14:02	14:41
					AUG 31	02:39	03:13	16:49	17:23	DEC 31	05:22	06:00	14:06	14:45

16. UKKV - ZHYTOMYR /Smokivka 501604N 0284437E

16. UKKV - ЖИТОМИР / Смоковка 501604N 0284437E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:26	06:05	14:11	14:50	MAY 01	02:04	02:40	17:24	18:01	SEP 01	02:45	03:18	16:51	17:24
JAN 06	05:26	06:03	14:17	14:54	MAY 06	01:54	02:31	17:32	18:09	SEP 06	02:53	03:26	16:40	17:13
JAN 11	05:24	06:02	14:23	15:00	MAY 11	01:45	02:23	17:40	18:18	SEP 11	03:01	03:34	16:29	17:02
JAN 16	05:21	05:59	14:30	15:06	MAY 16	01:37	02:16	17:47	18:26	SEP 16	03:08	03:41	16:18	16:50
JAN 21	05:17	05:54	14:38	15:13	MAY 21	01:29	02:10	17:54	18:34	SEP 21	03:16	03:48	16:07	16:39
JAN 26	05:12	05:49	14:46	15:21	MAY 26	01:23	02:04	17:60	18:41	SEP 26	03:24	03:56	15:55	16:28
JAN 31	05:07	05:42	14:54	15:29	MAY 31	01:17	01:60	18:06	18:48					
FEB 01	05:06	05:40	14:56	15:31	JUN 01	01:16	01:59	18:07	18:50	OCT 01	03:31	04:04	15:44	16:17
FEB 06	04:59	05:33	15:05	15:39	JUN 06	01:12	01:56	18:12	18:55	OCT 06	03:40	04:11	15:33	16:05
FEB 11	04:51	05:25	15:14	15:47	JUN 11	01:10	01:54	18:15	18:59	OCT 11	03:47	04:19	15:23	15:55
FEB 16	04:43	05:16	15:23	15:56	JUN 16	01:07	01:54	18:18	19:03	OCT 16	03:55	04:28	15:13	15:45
FEB 21	04:34	05:07	15:31	16:04	JUN 21	01:05	01:54	18:20	19:04	OCT 21	04:03	04:36	15:03	15:36
FEB 26	04:25	04:57	15:40	16:12	JUN 26	01:11	01:55	18:20	19:05	OCT 26	04:11	04:44	14:53	15:26
										OCT 31	04:19	04:53	14:44	15:18
MAR 01	04:16	04:49	15:47	16:19	JUL 01	01:14	01:58	18:19	19:03	NOV 01	04:21	04:55	14:42	15:16
MAR 06	04:06	04:38	15:56	16:28	JUL 06	01:18	02:02	18:18	19:01	NOV 06	04:29	05:03	14:34	15:08
MAR 11	03:55	04:27	16:04	16:36	JUL 11	01:24	02:06	18:14	18:57	NOV 11	04:37	05:12	14:27	15:01
MAR 16	03:45	04:16	16:12	16:44	JUL 16	01:30	02:12	18:10	18:52	NOV 16	04:45	05:20	14:20	14:56
MAR 21	03:34	04:05	16:20	16:52	JUL 21	01:37	02:18	18:05	18:46	NOV 21	04:52	05:28	14:15	14:51
MAR 26	03:22	03:55	16:28	17:00	JUL 26	01:45	02:24	17:58	18:38	NOV 26	04:59	05:36	14:09	14:46
MAR 31	03:11	03:44	16:35	17:08	JUL 31	01:53	02:31	17:51	18:30					
APR 01	03:09	03:42	16:37	17:10	AUG 01	01:55	02:32	17:50	18:28	DEC 01	05:06	05:43	14:06	14:43
APR 06	02:58	03:31	16:45	17:18	AUG 06	02:03	02:40	17:42	18:19	DEC 06	05:11	05:50	14:04	14:41
APR 11	02:46	03:20	16:53	17:26	AUG 11	02:11	02:48	17:33	18:09	DEC 11	05:17	05:55	14:03	14:41
APR 16	02:35	03:10	17:01	17:35	AUG 16	02:19	02:55	17:24	17:59	DEC 16	05:21	05:59	14:03	14:41
APR 21	02:24	02:60	17:08	17:44	AUG 21	02:27	03:02	17:14	17:49	DEC 21	05:24	06:02	14:04	14:43
APR 26	02:14	02:50	17:16	17:52	AUG 26	02:35	03:10	17:04	17:38	DEC 26	05:26	06:04	14:07	14:46
					AUG 31	02:43	03:17	16:53	17:26	DEC 31	05:27	06:05	14:11	14:49

17. UKLI - IVANO-FRANKIVS'K 485302N 0244104E

17. UKLI - ИВАНО-ФРАНКОВСЬК 485302N 0244104E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:38	06:14	14:34	15:11	MAY 01	02:27	03:02	17:35	18:10	SEP 01	03:03	03:36	17:06	17:39
JAN 06	05:37	06:14	14:39	15:16	MAY 06	02:17	02:53	17:42	18:18	SEP 06	03:10	03:43	16:56	17:28
JAN 11	05:36	06:12	14:45	15:21	MAY 11	02:09	02:46	17:50	18:27	SEP 11	03:18	03:50	16:46	17:17
JAN 16	05:33	06:09	14:52	15:27	MAY 16	02:01	02:39	17:57	18:34	SEP 16	03:25	03:57	16:34	17:06
JAN 21	05:30	06:05	15:00	15:34	MAY 21	01:54	02:32	18:03	18:42	SEP 21	03:32	04:04	16:24	16:56
JAN 26	05:25	06:00	15:07	15:42	MAY 26	01:48	02:27	18:09	18:49	SEP 26	03:40	04:11	16:14	16:45
JAN 31	05:20	05:53	15:15	15:49	MAY 31	01:42	02:22	18:15	18:55					
FEB 01	05:19	05:52	15:17	15:51	JUN 01	01:41	02:22	18:16	18:56	OCT 01	03:47	04:18	16:03	16:34
FEB 06	05:12	05:45	15:25	15:59	JUN 06	01:38	02:19	18:21	19:02	OCT 06	03:54	04:25	15:52	16:24
FEB 11	05:05	05:37	15:34	16:07	JUN 11	01:35	02:17	18:24	19:06	OCT 11	04:01	04:33	15:42	16:13
FEB 16	04:56	05:29	15:43	16:14	JUN 16	01:35	02:16	18:27	19:09	OCT 16	04:09	04:41	15:32	16:04
FEB 21	04:48	05:20	15:51	16:22	JUN 21	01:35	02:17	18:29	19:11	OCT 21	04:17	04:49	15:23	15:55
FEB 26	04:40	05:11	15:59	16:30	JUN 26	01:36	02:18	18:30	19:12	OCT 26	04:24	04:56	15:14	15:46
										OCT 31	04:32	05:05	15:05	15:38
MAR 01	04:33	05:04	16:04	16:35	JUL 01	01:38	02:20	18:29	19:11	NOV 01	04:33	05:06	15:03	15:36
MAR 06	04:24	04:55	16:12	16:43	JUL 06	01:43	02:24	18:27	19:09	NOV 06	04:41	05:14	14:55	15:28
MAR 11	04:14	04:44	16:20	16:51	JUL 11	01:48	02:28	18:25	19:06	NOV 11	04:49	05:23	14:48	15:22
MAR 16	04:03	04:34	16:27	16:59	JUL 16	01:53	02:33	18:21	19:01	NOV 16	04:56	05:31	14:42	15:16
MAR 21	03:53	04:24	16:35	17:06	JUL 21	01:59	02:39	18:16	18:55	NOV 21	05:04	05:38	14:37	15:11
MAR 26	03:42	04:13	16:43	17:14	JUL 26	02:07	02:45	18:10	18:49	NOV 26	05:10	05:46	14:32	15:08
MAR 31	03:31	04:03	16:50	17:21	JUL 31	02:14	02:51	18:03	18:41					
APR 01	03:29	04:01	16:51	17:23	AUG 01	02:16	02:53	18:02	18:39	DEC 01	05:17	05:53	14:29	15:04
APR 06	03:18	03:50	16:59	17:30	AUG 06	02:23	02:59	17:55	18:31	DEC 06	05:22	05:59	14:26	15:03
APR 11	03:07	03:40	17:06	17:39	AUG 11	02:31	03:06	17:47	18:22	DEC 11	05:27	06:04	14:25	15:02
APR 16	02:57	03:30	17:14	17:46	AUG 16	02:39	03:13	17:38	18:12	DEC 16	05:31	06:08	14:25	15:02
APR 21	02:46	03:20	17:21	17:54	AUG 21	02:47	03:21	17:28	18:02	DEC 21	05:35	06:11	14:27	15:04
APR 26	02:36	03:11	17:28	18:02	AUG 26	02:54	03:28	17:19	17:52	DEC 26	05:37	06:14	14:30	15:06
					AUG 31	03:02	03:34	17:09	17:41	DEC 31	05:38	06:14	14:33	15:10

18. UKLL - L'VIV 494835N 0235730E

18. UKLL - ЛЬВІВ 494835N 0235730E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:44	06:21	14:33	15:11	MAY 01	02:27	03:02	17:41	18:17	SEP 01	03:04	03:37	17:11	17:44
JAN 06	05:44	06:21	14:39	15:15	MAY 06	02:17	02:53	17:48	18:25	SEP 06	03:12	03:45	17:00	17:33
JAN 11	05:42	06:19	14:44	15:21	MAY 11	02:08	02:45	17:56	18:34	SEP 11	03:20	03:52	16:49	17:22
JAN 16	05:39	06:16	14:51	15:27	MAY 16	02:00	02:38	18:03	18:42	SEP 16	03:27	03:59	16:38	17:11
JAN 21	05:35	06:11	14:59	15:34	MAY 21	01:52	02:31	18:10	18:50	SEP 21	03:35	04:07	16:27	16:59
JAN 26	05:30	06:06	15:07	15:42	MAY 26	01:46	02:26	18:16	18:57	SEP 26	03:42	04:14	16:16	16:48
JAN 31	05:25	05:59	15:15	15:50	MAY 31	01:40	02:21	18:22	19:04					
FEB 01	05:24	05:58	15:17	15:52	JUN 01	01:39	02:21	18:23	19:05	OCT 01	03:50	04:21	16:05	16:37
FEB 06	05:17	05:51	15:26	16:00	JUN 06	01:35	02:18	18:28	19:11	OCT 06	03:57	04:29	15:54	16:26
FEB 11	05:09	05:43	15:35	16:08	JUN 11	01:32	02:16	18:32	19:15	OCT 11	04:05	04:36	15:44	16:16
FEB 16	05:01	05:34	15:44	16:16	JUN 16	01:31	02:15	18:35	19:18	OCT 16	04:12	04:45	15:34	16:06
FEB 21	04:52	05:25	15:52	16:24	JUN 21	01:32	02:15	18:36	19:20	OCT 21	04:20	04:53	15:24	15:57
FEB 26	04:43	05:15	16:00	16:32	JUN 26	01:33	02:16	18:37	19:21	OCT 26	04:28	05:01	15:15	15:48
										OCT 31	04:36	05:10	15:06	15:39
MAR 01	04:36	05:08	16:06	16:38	JUL 01	01:36	02:19	18:36	19:20	NOV 01	04:38	05:11	15:04	15:38
MAR 06	04:27	04:59	16:14	16:46	JUL 06	01:40	02:23	18:35	19:18	NOV 06	04:46	05:20	14:56	15:30
MAR 11	04:16	04:48	16:22	16:54	JUL 11	01:45	02:27	18:32	19:14	NOV 11	04:54	05:28	14:49	15:23
MAR 16	04:06	04:37	16:30	17:02	JUL 16	01:51	02:32	18:28	19:09	NOV 16	05:02	05:36	14:42	15:17
MAR 21	03:55	04:26	16:38	17:10	JUL 21	01:57	02:38	18:23	19:03	NOV 21	05:09	05:44	14:36	15:12
MAR 26	03:44	04:16	16:46	17:18	JUL 26	02:05	02:44	18:17	18:56	NOV 26	05:16	05:52	14:31	15:08
MAR 31	03:32	04:05	16:53	17:26	JUL 31	02:13	02:51	18:10	18:48					
APR 01	03:30	04:03	16:55	17:27	AUG 01	02:15	02:52	18:08	18:46	DEC 01	05:23	06:00	14:28	15:05
APR 06	03:19	03:52	17:02	17:35	AUG 06	02:23	02:59	18:01	18:37	DEC 06	05:28	06:06	14:25	15:02
APR 11	03:08	03:41	17:10	17:43	AUG 11	02:31	03:07	17:52	18:28	DEC 11	05:33	06:11	14:24	15:02
APR 16	02:57	03:31	17:18	17:51	AUG 16	02:39	03:14	17:43	18:18	DEC 16	05:37	06:15	14:24	15:02
APR 21	02:46	03:21	17:25	18:00	AUG 21	02:46	03:21	17:33	18:08	DEC 21	05:41	06:19	14:26	15:03
APR 26	02:36	03:11	17:33	18:08	AUG 26	02:54	03:29	17:23	17:57	DEC 26	05:43	06:21	14:28	15:06
					AUG 31	03:02	03:36	17:13	17:46	DEC 31	05:44	06:21	14:32	15:10

19. UKLN - CHERNIIVTSI 481533N 0255848E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:31	06:06	14:32	15:08	MAY 01	02:24	02:58	17:28	18:03	SEP 01	02:59	03:31	17:00	17:32
JAN 06	05:30	06:06	14:37	15:13	MAY 06	02:15	02:50	17:35	18:11	SEP 06	03:06	03:38	16:50	17:22
JAN 11	05:29	06:04	14:43	15:18	MAY 11	02:06	02:43	17:43	18:19	SEP 11	03:13	03:45	16:40	17:11
JAN 16	05:26	06:01	14:50	15:24	MAY 16	01:58	02:36	17:50	18:26	SEP 16	03:21	03:52	16:28	17:01
JAN 21	05:23	05:57	14:57	15:31	MAY 21	01:52	02:29	17:56	18:33	SEP 21	03:28	03:59	16:18	16:50
JAN 26	05:18	05:52	15:04	15:38	MAY 26	01:46	02:24	18:02	18:40	SEP 26	03:35	04:06	16:09	16:39
JAN 31	05:13	05:46	15:12	15:45	MAY 31	01:41	02:20	18:07	18:46					
FEB 01	05:12	05:45	15:13	15:47	JUN 01	01:40	02:20	18:08	18:47	OCT 01	03:42	04:13	15:58	16:29
FEB 06	05:06	05:39	15:22	15:55	JUN 06	01:36	02:17	18:13	18:52	OCT 06	03:49	04:20	15:48	16:19
FEB 11	04:58	05:31	15:31	16:03	JUN 11	01:34	02:15	18:16	18:57	OCT 11	03:56	04:27	15:37	16:09
FEB 16	04:50	05:23	15:39	16:10	JUN 16	01:33	02:14	18:19	19:00	OCT 16	04:03	04:35	15:28	15:59
FEB 21	04:42	05:14	15:47	16:18	JUN 21	01:34	02:14	18:21	19:02	OCT 21	04:11	04:42	15:19	15:50
FEB 26	04:34	05:04	15:55	16:26	JUN 26	01:35	02:16	18:21	19:03	OCT 26	04:18	04:50	15:10	15:41
										OCT 31	04:26	04:58	15:01	15:33
MAR 01	04:27	04:58	16:00	16:30	JUL 01	01:37	02:18	18:21	19:02	NOV 01	04:27	05:00	15:00	15:32
MAR 06	04:19	04:49	16:07	16:38	JUL 06	01:41	02:21	18:19	19:00	NOV 06	04:35	05:08	14:52	15:24
MAR 11	04:09	04:39	16:15	16:45	JUL 11	01:46	02:26	18:17	18:57	NOV 11	04:42	05:16	14:45	15:18
MAR 16	03:59	04:29	16:22	16:53	JUL 16	01:51	02:31	18:13	18:52	NOV 16	04:50	05:24	14:39	15:12
MAR 21	03:48	04:19	16:29	17:00	JUL 21	01:58	02:36	18:08	18:47	NOV 21	04:57	05:31	14:34	15:08
MAR 26	03:37	04:09	16:37	17:08	JUL 26	02:05	02:42	18:03	18:40	NOV 26	05:03	05:38	14:29	15:04
MAR 31	03:27	03:58	16:44	17:15	JUL 31	02:12	02:48	17:56	18:33					
APR 01	03:24	03:56	16:46	17:17	AUG 01	02:13	02:50	17:55	18:32	DEC 01	05:09	05:45	14:26	15:01
APR 06	03:14	03:46	16:53	17:24	AUG 06	02:21	02:56	17:48	18:23	DEC 06	05:15	05:51	14:24	14:59
APR 11	03:03	03:35	17:00	17:32	AUG 11	02:28	03:03	17:40	18:14	DEC 11	05:20	05:56	14:23	14:59
APR 16	02:53	03:25	17:07	17:39	AUG 16	02:36	03:10	17:31	18:05	DEC 16	05:24	06:00	14:23	14:59
APR 21	02:43	03:16	17:14	17:47	AUG 21	02:44	03:17	17:22	17:55	DEC 21	05:27	06:03	14:24	15:01
APR 26	02:33	03:07	17:21	17:55	AUG 26	02:51	03:24	17:12	17:45	DEC 26	05:29	06:06	14:27	15:03
					AUG 31	02:58	03:30	17:02	17:34	DEC 31	05:31	06:06	14:31	15:07

20. UKLR - RIVNE 503630N 0260823E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:38	06:17	14:20	14:59	MAY 01	02:14	02:51	17:35	18:11	SEP 01	02:53	03:27	17:03	17:37
JAN 06	05:38	06:15	14:26	15:04	MAY 06	02:04	02:42	17:42	18:20	SEP 06	03:01	03:35	16:52	17:26
JAN 11	05:36	06:13	14:32	15:10	MAY 11	01:55	02:34	17:50	18:29	SEP 11	03:09	03:42	16:41	17:15
JAN 16	05:33	06:10	14:39	15:16	MAY 16	01:47	02:26	17:57	18:37	SEP 16	03:17	03:50	16:30	17:03
JAN 21	05:29	06:05	14:47	15:23	MAY 21	01:39	02:19	18:04	18:46	SEP 21	03:25	03:57	16:19	16:51
JAN 26	05:24	06:00	14:56	15:31	MAY 26	01:32	02:14	18:11	18:53	SEP 26	03:33	04:05	16:08	16:40
JAN 31	05:18	05:53	15:04	15:39	MAY 31	01:26	02:09	18:17	19:00					
FEB 01	05:17	05:52	15:06	15:41	JUN 01	01:25	02:08	18:18	19:01	OCT 01	03:41	04:13	15:56	16:29
FEB 06	05:10	05:44	15:15	15:49	JUN 06	01:21	02:05	18:23	19:07	OCT 06	03:49	04:21	15:45	16:18
FEB 11	05:02	05:36	15:24	15:58	JUN 11	01:18	02:03	18:27	19:12	OCT 11	03:56	04:28	15:35	16:07
FEB 16	04:53	05:27	15:33	16:07	JUN 16	01:15	02:02	18:30	19:15	OCT 16	04:04	04:37	15:24	15:57
FEB 21	04:44	05:17	15:42	16:15	JUN 21	01:05	02:02	18:32	19:17	OCT 21	04:12	04:46	15:14	15:47
FEB 26	04:35	05:07	15:50	16:23	JUN 26	01:18	02:03	18:33	19:18	OCT 26	04:21	04:54	15:04	15:38
										OCT 31	04:29	05:03	14:55	15:29
MAR 01	04:28	05:01	15:56	16:29	JUL 01	01:21	02:06	18:32	19:17	NOV 01	04:30	05:05	14:53	15:27
MAR 06	04:18	04:51	16:04	16:37	JUL 06	01:26	02:10	18:30	19:14	NOV 06	04:39	05:13	14:45	15:19
MAR 11	04:07	04:40	16:13	16:45	JUL 11	01:31	02:14	18:27	19:11	NOV 11	04:47	05:22	14:37	15:12
MAR 16	03:57	04:29	16:21	16:54	JUL 16	01:37	02:19	18:23	19:06	NOV 16	04:55	05:30	14:30	15:06
MAR 21	03:46	04:17	16:29	17:02	JUL 21	01:44	02:26	18:17	18:59	NOV 21	05:02	05:39	14:24	15:01
MAR 26	03:34	04:07	16:38	17:10	JUL 26	01:52	02:32	18:11	18:52	NOV 26	05:10	05:47	14:19	14:56
MAR 31	03:23	03:56	16:45	17:18	JUL 31	02:00	02:39	18:04	18:44					
APR 01	03:20	03:54	16:46	17:20	AUG 01	02:02	02:40	18:02	18:42	DEC 01	05:16	05:54	14:16	14:53
APR 06	03:09	03:42	16:55	17:28	AUG 06	02:10	02:48	17:55	18:32	DEC 06	05:22	06:00	14:13	14:51
APR 11	02:58	03:31	17:03	17:36	AUG 11	02:18	02:56	17:46	18:23	DEC 11	05:27	06:06	14:12	14:50
APR 16	02:46	03:21	17:11	17:45	AUG 16	02:27	03:03	17:37	18:12	DEC 16	05:32	06:10	14:12	14:50
APR 21	02:35	03:11	17:18	17:54	AUG 21	02:35	03:11	17:27	18:02	DEC 21	05:35	06:14	14:13	14:52
APR 26	02:25	03:01	17:26	18:02	AUG 26	02:43	03:18	17:16	17:51	DEC 26	05:37	06:16	14:16	14:55
					AUG 31	02:52	03:26	17:06	17:39	DEC 31	05:38	06:16	14:20	14:58

21. UKLT - TERNOPIL' 493131N 0254202E*

21. UKLT - ТЕРНОПОЛЬ 493131N 0254202E*

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:36	06:13	14:27	15:05	MAY 01	02:21	02:56	17:33	18:09	SEP 01	02:58	03:31	17:04	17:36
JAN 06	05:36	06:12	14:33	15:09	MAY 06	02:11	02:47	17:40	18:17	SEP 06	03:05	03:38	16:53	17:25
JAN 11	05:34	06:11	14:39	15:15	MAY 11	02:02	02:39	17:48	18:26	SEP 11	03:13	03:45	16:42	17:15
JAN 16	05:31	06:08	14:46	15:21	MAY 16	01:54	02:32	17:55	18:33	SEP 16	03:20	03:52	16:31	17:03
JAN 21	05:27	06:03	14:53	15:28	MAY 21	01:46	02:25	18:02	18:41	SEP 21	03:28	04:00	16:20	16:52
JAN 26	05:22	05:58	15:01	15:36	MAY 26	01:40	02:20	18:08	18:48	SEP 26	03:35	04:07	16:09	16:41
JAN 31	05:17	05:51	15:09	15:44	MAY 31	01:34	02:16	18:14	18:55					
FEB 01	05:16	05:50	15:11	15:45	JUN 01	01:34	02:15	18:15	18:56	OCT 01	03:43	04:14	15:59	16:30
FEB 06	05:09	05:43	15:20	15:53	JUN 06	01:30	02:12	18:20	19:02	OCT 06	03:50	04:22	15:48	16:19
FEB 11	05:01	05:35	15:29	16:01	JUN 11	01:27	02:10	18:23	19:06	OCT 11	03:58	04:29	15:37	16:09
FEB 16	04:53	05:26	15:37	16:10	JUN 16	01:26	02:09	18:26	19:09	OCT 16	04:05	04:37	15:27	15:59
FEB 21	04:45	05:17	15:45	16:18	JUN 21	01:26	02:10	18:28	19:11	OCT 21	04:13	04:46	15:18	15:50
FEB 26	04:36	05:07	15:54	16:26	JUN 26	01:28	02:11	18:29	19:12	OCT 26	04:21	04:54	15:08	15:41
										OCT 31	04:29	05:02	14:59	15:33
MAR 01	04:29	05:01	15:59	16:31	JUL 01	01:31	02:13	18:28	19:11	NOV 01	04:30	05:04	14:58	15:31
MAR 06	04:20	04:51	16:07	16:39	JUL 06	01:35	02:17	18:26	19:09	NOV 06	04:38	05:12	14:50	15:23
MAR 11	04:09	04:41	16:15	16:47	JUL 11	01:40	02:21	18:24	19:06	NOV 11	04:46	05:20	14:42	15:16
MAR 16	03:59	04:30	16:23	16:55	JUL 16	01:46	02:26	18:19	19:01	NOV 16	04:54	05:29	14:36	15:11
MAR 21	03:48	04:19	16:31	17:03	JUL 21	01:52	02:32	18:15	18:55	NOV 21	05:01	05:36	14:30	15:06
MAR 26	03:37	04:09	16:39	17:10	JUL 26	02:00	02:38	18:09	18:48	NOV 26	05:08	05:44	14:25	15:02
MAR 31	03:26	03:58	16:46	17:18	JUL 31	02:07	02:45	18:02	18:40					
APR 01	03:24	03:56	16:47	17:20	AUG 01	02:09	02:46	18:00	18:38	DEC 01	05:15	05:51	14:22	14:58
APR 06	03:13	03:45	16:55	17:28	AUG 06	02:17	02:53	17:53	18:29	DEC 06	05:20	05:57	14:20	14:56
APR 11	03:02	03:35	17:03	17:36	AUG 11	02:25	03:01	17:44	18:20	DEC 11	05:25	06:03	14:19	14:56
APR 16	02:51	03:25	17:11	17:43	AUG 16	02:33	03:08	17:36	18:10	DEC 16	05:29	06:07	14:18	14:56
APR 21	02:40	03:15	17:18	17:52	AUG 21	02:40	03:15	17:26	18:00	DEC 21	05:33	06:10	14:20	14:57
APR 26	02:30	03:05	17:25	18:00	AUG 26	02:48	03:22	17:16	17:49	DEC 26	05:35	06:13	14:23	15:00
					AUG 31	02:56	03:29	17:06	17:38	DEC 31	05:36	06:13	14:26	15:04

22. UKLU - UZHGOROD 483804N 0221548E

22. UKLU - УЖГОРОД 483804N 0221548E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:47	06:23	14:45	15:21	MAY 01	02:37	03:12	17:44	18:19	SEP 01	03:13	03:46	17:16	17:48
JAN 06	05:46	06:23	14:50	15:26	MAY 06	02:28	03:04	17:51	18:27	SEP 06	03:21	03:53	17:05	17:37
JAN 11	05:45	06:21	14:56	15:32	MAY 11	02:20	02:56	17:59	18:35	SEP 11	03:28	04:00	16:55	17:27
JAN 16	05:42	06:18	15:03	15:38	MAY 16	02:12	02:49	18:06	18:43	SEP 16	03:35	04:06	16:44	17:16
JAN 21	05:39	06:14	15:10	15:45	MAY 21	02:05	02:43	18:12	18:50	SEP 21	03:42	04:14	16:33	17:05
JAN 26	05:34	06:09	15:18	15:52	MAY 26	01:59	02:38	18:18	18:57	SEP 26	03:49	04:21	16:23	16:54
JAN 31	05:29	06:02	15:25	15:59	MAY 31	01:53	02:33	18:23	19:03					
FEB 01	05:28	06:01	15:27	16:01	JUN 01	01:53	02:33	18:24	19:04	OCT 01	03:57	04:28	16:13	16:44
FEB 06	05:21	05:54	15:36	16:09	JUN 06	01:49	02:30	18:29	19:10	OCT 06	04:04	04:35	16:02	16:33
FEB 11	05:14	05:46	15:44	16:17	JUN 11	01:47	02:28	18:33	19:14	OCT 11	04:11	04:42	15:52	16:23
FEB 16	05:06	05:38	15:53	16:24	JUN 16	01:46	02:27	18:35	19:17	OCT 16	04:19	04:50	15:42	16:14
FEB 21	04:57	05:30	16:01	16:32	JUN 21	01:46	02:27	18:37	19:19	OCT 21	04:26	04:58	15:33	16:05
FEB 26	04:49	05:20	16:09	16:40	JUN 26	01:47	02:29	18:38	19:20	OCT 26	04:33	05:05	15:24	15:56
										OCT 31	04:41	05:14	15:15	15:48
MAR 01	04:42	05:14	16:14	16:45	JUL 01	01:50	02:31	18:38	19:19	NOV 01	04:43	05:15	15:14	15:46
MAR 06	04:33	05:04	16:22	16:53	JUL 06	01:54	02:35	18:36	19:17	NOV 06	04:50	05:23	15:05	15:39
MAR 11	04:23	04:54	16:29	17:00	JUL 11	01:59	02:39	18:33	19:14	NOV 11	04:58	05:32	14:59	15:32
MAR 16	04:13	04:44	16:37	17:08	JUL 16	02:04	02:44	18:29	19:09	NOV 16	05:06	05:40	14:52	15:26
MAR 21	04:03	04:33	16:44	17:16	JUL 21	02:10	02:49	18:25	19:04	NOV 21	05:13	05:47	14:47	15:22
MAR 26	03:52	04:23	16:52	17:23	JUL 26	02:18	02:55	18:19	18:57	NOV 26	05:19	05:55	14:43	15:18
MAR 31	03:41	04:13	16:59	17:31	JUL 31	02:25	03:02	18:12	18:50					
APR 01	03:39	04:10	17:01	17:32	AUG 01	02:27	03:03	18:11	18:48	DEC 01	05:25	06:01	14:39	15:15
APR 06	03:28	04:00	17:08	17:40	AUG 06	02:34	03:10	18:04	18:39	DEC 06	05:31	06:07	14:37	15:13
APR 11	03:17	03:50	17:15	17:48	AUG 11	02:42	03:17	17:56	18:30	DEC 11	05:36	06:12	14:36	15:12
APR 16	03:07	03:40	17:23	17:55	AUG 16	02:49	03:24	17:47	18:21	DEC 16	05:40	06:17	14:36	15:13
APR 21	02:57	03:30	17:30	18:03	AUG 21	02:57	03:31	17:37	18:11	DEC 21	05:43	06:20	14:38	15:14
APR 26	02:47	03:21	17:37	18:11	AUG 26	03:04	03:38	17:28	18:01	DEC 26	05:46	06:22	14:40	15:17
					AUG 31	03:12	03:44	17:18	17:50	DEC 31	05:47	06:23	14:44	15:21

23. UKOH - KHERSON 464034N 0323023E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	04:59	05:34	14:12	14:47	MAY 01	02:03	02:36	16:58	17:32	SEP 01	02:37	03:08	16:32	17:03
JAN 06	04:59	05:34	14:17	14:51	MAY 06	01:55	02:28	17:05	17:39	SEP 06	02:43	03:14	16:22	16:53
JAN 11	04:58	05:33	14:22	14:57	MAY 11	01:47	02:21	17:12	17:46	SEP 11	02:50	03:21	16:12	16:43
JAN 16	04:56	05:29	14:28	15:02	MAY 16	01:39	02:15	17:18	17:53	SEP 16	02:56	03:27	16:02	16:32
JAN 21	04:53	05:26	14:35	15:09	MAY 21	01:33	02:09	17:24	18:00	SEP 21	03:03	03:33	15:52	16:33
JAN 26	04:49	05:21	14:42	15:15	MAY 26	01:28	02:04	17:29	18:06	SEP 26	03:10	03:39	15:43	16:21
JAN 31	04:44	05:16	14:50	15:22	MAY 31	01:23	02:03	17:34	18:12					
FEB 01	04:43	05:15	14:52	15:24	JUN 01	01:22	02:02	17:35	18:13	OCT 01	03:16	03:46	15:32	16:02
FEB 06	04:36	05:09	14:59	15:31	JUN 06	01:19	01:57	17:40	18:19	OCT 06	03:23	03:53	15:23	15:53
FEB 11	04:30	05:01	15:08	15:39	JUN 11	01:17	01:56	17:43	18:27	OCT 11	03:29	03:59	15:13	15:43
FEB 16	04:23	04:53	15:16	15:46	JUN 16	01:16	01:55	17:45	18:24	OCT 16	03:36	04:07	15:03	15:34
FEB 21	04:15	04:45	15:23	15:53	JUN 21	01:16	01:55	17:47	18:26	OCT 21	03:43	04:14	14:55	15:25
FEB 26	04:07	04:37	15:30	16:00	JUN 26	01:18	01:57	17:48	18:27	OCT 26	04:00	04:21	14:47	15:17
										OCT 31	04:06	04:29	14:38	15:09
MAR 01	04:00	04:31	15:36	16:05	JUL 01	01:20	01:59	17:48	18:26	NOV 01	04:04	04:30	14:37	15:08
MAR 06	03:52	04:22	15:42	16:12	JUL 06	01:24	02:02	17:46	18:25	NOV 06	04:06	04:38	14:29	15:01
MAR 11	03:42	04:12	15:50	16:19	JUL 11	01:28	02:06	17:44	18:22	NOV 11	04:13	04:45	14:23	14:55
MAR 16	03:33	04:02	15:56	16:26	JUL 16	01:33	02:11	17:41	18:18	NOV 16	04:20	04:53	14:17	14:50
MAR 21	03:23	03:53	16:03	16:33	JUL 21	01:39	02:16	17:37	18:13	NOV 21	04:27	05:00	14:12	14:45
MAR 26	03:13	03:43	16:10	16:40	JUL 26	01:46	02:21	17:32	18:07	NOV 26	04:33	05:06	14:09	14:42
MAR 31	03:03	03:33	16:17	16:47	JUL 31	01:52	02:27	17:25	18:00					
APR 01	03:01	03:31	16:18	16:49	AUG 01	01:54	02:29	17:24	17:59	DEC 01	04:39	05:13	14:05	14:40
APR 06	02:51	03:21	16:25	16:55	AUG 06	02:01	02:35	17:17	17:51	DEC 06	04:45	05:19	14:04	14:38
APR 11	02:40	03:12	16:32	17:03	AUG 11	02:08	02:41	17:09	17:43	DEC 11	04:49	05:24	14:03	14:38
APR 16	02:31	03:02	16:39	17:10	AUG 16	02:15	02:47	17:01	17:34	DEC 16	04:53	05:28	14:03	14:38
APR 21	02:21	02:53	16:45	17:17	AUG 21	02:22	02:54	16:52	17:25	DEC 21	04:56	05:31	14:05	14:39
APR 26	02:12	02:44	16:52	17:25	AUG 26	02:29	03:00	16:43	17:15	DEC 26	04:58	05:33	14:07	14:42
					AUG 31	02:35	03:07	16:34	17:05	DEC 31	04:59	05:34	14:11	14:46

24. UKOO - ODESA 462536N 0304035E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:06	05:40	14:20	14:55	MAY 01	02:11	02:44	17:05	17:38	SEP 01	02:45	03:16	16:39	17:10
JAN 06	05:06	05:40	14:25	14:59	MAY 06	02:03	02:36	17:12	17:45	SEP 06	02:51	03:22	16:29	17:00
JAN 11	05:05	05:39	14:30	15:05	MAY 11	01:55	02:29	17:18	17:53	SEP 11	02:58	03:28	16:19	16:50
JAN 16	05:03	05:35	14:37	15:10	MAY 16	01:48	02:23	17:24	18:00	SEP 16	03:04	03:34	16:09	16:39
JAN 21	05:00	05:32	14:44	15:17	MAY 21	01:42	02:17	17:30	18:06	SEP 21	03:11	03:40	16:00	16:42
JAN 26	04:55	05:28	14:50	15:23	MAY 26	01:36	02:13	17:36	18:12	SEP 26	03:17	03:47	15:50	16:30
JAN 31	04:51	05:23	14:59	15:30	MAY 31	01:31	02:12	17:41	18:18					
FEB 01	04:49	05:22	15:00	15:31	JUN 01	01:31	02:11	17:42	18:19	OCT 01	03:23	03:53	15:40	16:10
FEB 06	04:43	05:15	15:07	15:39	JUN 06	01:28	02:05	17:46	18:25	OCT 06	03:30	04:00	15:30	16:00
FEB 11	04:37	05:08	15:16	15:47	JUN 11	01:26	02:04	17:49	18:34	OCT 11	03:37	04:06	15:21	15:50
FEB 16	04:30	05:00	15:23	15:54	JUN 16	01:25	02:03	17:51	18:30	OCT 16	03:43	04:14	15:11	15:41
FEB 21	04:22	04:52	15:31	16:01	JUN 21	01:25	02:04	17:53	18:32	OCT 21	03:50	04:21	15:02	15:33
FEB 26	04:14	04:44	15:38	16:08	JUN 26	01:26	02:06	17:54	18:33	OCT 26	04:09	04:28	14:54	15:25
										OCT 31	04:14	04:35	14:46	15:17
MAR 01	04:08	04:38	15:43	16:13	JUL 01	01:29	02:08	17:54	18:32	NOV 01	04:12	04:37	14:45	15:16
MAR 06	03:59	04:29	15:50	16:19	JUL 06	01:33	02:11	17:53	18:31	NOV 06	04:13	04:44	14:37	15:09
MAR 11	03:50	04:19	15:57	16:26	JUL 11	01:37	02:14	17:51	18:28	NOV 11	04:20	04:52	14:31	15:03
MAR 16	03:41	04:10	16:04	16:34	JUL 16	01:42	02:19	17:47	18:24	NOV 16	04:27	04:59	14:25	14:58
MAR 21	03:31	04:00	16:10	16:41	JUL 21	01:48	02:24	17:43	18:19	NOV 21	04:34	05:06	14:20	14:53
MAR 26	03:21	03:51	16:18	16:47	JUL 26	01:54	02:30	17:38	18:13	NOV 26	04:40	05:13	14:17	14:50
MAR 31	03:10	03:41	16:24	16:54	JUL 31	02:01	02:36	17:32	18:06					
APR 01	03:08	03:39	16:25	16:55	AUG 01	02:02	02:37	17:30	18:05	DEC 01	04:46	05:19	14:14	14:48
APR 06	02:58	03:28	16:32	17:02	AUG 06	02:09	02:43	17:23	17:57	DEC 06	04:51	05:25	14:12	14:46
APR 11	02:48	03:19	16:38	17:10	AUG 11	02:16	02:49	17:16	17:49	DEC 11	04:56	05:30	14:12	14:46
APR 16	02:39	03:10	16:46	17:17	AUG 16	02:23	02:55	17:08	17:41	DEC 16	05:00	05:34	14:12	14:46
APR 21	02:29	03:01	16:52	17:24	AUG 21	02:30	03:02	16:59	17:32	DEC 21	05:03	05:37	14:13	14:47
APR 26	02:20	02:52	16:59	17:31	AUG 26	02:37	03:08	16:50	17:22	DEC 26	05:05	05:39	14:16	14:50
					AUG 31	02:43	03:15	16:41	17:12	DEC 31	05:06	05:40	14:20	14:54

25. UKWW - VINNYTSIA/Gavryshivka 491433N 0283650E

25. UKWW - ВИННИЦА/Гавришевка 491433N 0283650E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:23	06:00	14:17	14:54	MAY 01	02:10	02:45	17:21	17:56	SEP 01	02:47	03:19	16:51	17:24
JAN 06	05:23	06:00	14:22	14:59	MAY 06	02:00	02:36	17:28	18:04	SEP 06	02:54	03:27	16:41	17:13
JAN 11	05:21	05:58	14:28	15:04	MAY 11	01:52	02:29	17:35	18:13	SEP 11	03:02	03:34	16:30	17:02
JAN 16	05:19	05:55	14:35	15:10	MAY 16	01:43	02:22	17:42	18:20	SEP 16	03:09	03:41	16:19	16:51
JAN 21	05:15	05:50	14:43	15:17	MAY 21	01:36	02:15	17:49	18:28	SEP 21	03:16	03:48	16:08	16:40
JAN 26	05:10	05:45	14:50	15:25	MAY 26	01:30	02:10	17:55	18:35	SEP 26	03:24	03:55	15:58	16:29
JAN 31	05:05	05:39	14:58	15:33	MAY 31	01:24	02:05	18:01	18:42					
FEB 01	05:04	05:37	15:00	15:34	JUN 01	01:24	02:05	18:02	18:43	OCT 01	03:31	04:03	15:47	16:19
FEB 06	04:57	05:31	15:09	15:42	JUN 06	01:20	02:02	18:07	18:48	OCT 06	03:39	04:10	15:36	16:08
FEB 11	04:49	05:23	15:18	15:50	JUN 11	01:17	02:00	18:10	18:52	OCT 11	03:46	04:17	15:26	15:58
FEB 16	04:41	05:14	15:26	15:58	JUN 16	01:16	01:59	18:13	18:56	OCT 16	03:53	04:25	15:16	15:48
FEB 21	04:33	05:05	15:34	16:06	JUN 21	01:17	01:59	18:15	18:58	OCT 21	04:01	04:33	15:07	15:39
FEB 26	04:24	04:55	15:43	16:14	JUN 26	01:18	02:01	18:16	18:59	OCT 26	04:09	04:41	14:57	15:30
										OCT 31	04:17	04:50	14:48	15:21
MAR 01	04:17	04:49	15:48	16:19	JUL 01	01:21	02:03	18:15	18:57	NOV 01	04:18	04:51	14:47	15:20
MAR 06	04:08	04:39	15:56	16:27	JUL 06	01:25	02:06	18:13	18:56	NOV 06	04:26	05:00	14:39	15:12
MAR 11	03:58	04:29	16:04	16:35	JUL 11	01:30	02:11	18:11	18:52	NOV 11	04:34	05:08	14:32	15:05
MAR 16	03:48	04:18	16:12	16:43	JUL 16	01:36	02:16	18:07	18:47	NOV 16	04:42	05:16	14:25	15:00
MAR 21	03:37	04:08	16:19	16:51	JUL 21	01:42	02:21	18:02	18:42	NOV 21	04:49	05:24	14:20	14:55
MAR 26	03:26	03:58	16:27	16:58	JUL 26	01:49	02:27	17:56	18:35	NOV 26	04:56	05:31	14:15	14:51
MAR 31	03:15	03:47	16:34	17:06	JUL 31	01:57	02:34	17:49	18:27					
APR 01	03:12	03:45	16:36	17:08	AUG 01	01:58	02:36	17:48	18:25	DEC 01	05:02	05:38	14:11	14:48
APR 06	03:02	03:34	16:43	17:15	AUG 06	02:06	02:43	17:40	18:17	DEC 06	05:08	05:45	14:09	14:46
APR 11	02:51	03:23	16:51	17:24	AUG 11	02:14	02:50	17:32	18:07	DEC 11	05:13	05:50	14:08	14:45
APR 16	02:40	03:13	16:59	17:31	AUG 16	02:22	02:57	17:23	17:58	DEC 16	05:17	05:54	14:08	14:45
APR 21	02:29	03:04	17:06	17:40	AUG 21	02:30	03:04	17:13	17:48	DEC 21	05:20	05:57	14:09	14:47
APR 26	02:19	02:54	17:13	17:48	AUG 26	02:37	03:11	17:04	17:37	DEC 26	05:22	06:00	14:12	14:49
					AUG 31	02:45	03:18	16:53	17:26	DEC 31	05:23	06:00	14:16	14:53

26. UKBE - Heliport "Helipad KANIV/Pekari" 494150N 0313347E

26. UKBE - Вертодром "Вертолётная площадка КАНЕВ/Пекари"
494150N 0313347E

Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To	Day	TWIL Fr	SR	SS	TWIL To
JAN 01	05:14	05:52	14:07	14:44	MAY 01	01:58	02:34	17:12	17:48	SEP 01	02:38	03:12	16:41	17:14
JAN 06	05:14	05:51	14:12	14:49	MAY 06	01:49	02:26	17:19	17:56	SEP 06	02:46	03:19	16:30	17:03
JAN 11	05:12	05:49	14:18	14:55	MAY 11	01:40	02:18	17:27	18:04	SEP 11	02:54	03:26	16:20	16:52
JAN 16	05:09	05:46	14:25	15:02	MAY 16	01:32	02:11	17:34	18:12	SEP 16	03:01	03:33	16:09	16:41
JAN 21	05:05	05:41	14:33	15:09	MAY 21	01:25	02:05	17:40	18:20	SEP 21	03:09	03:41	15:58	16:30
JAN 26	05:01	05:36	14:41	15:16	MAY 26	01:19	02:00	17:46	18:27	SEP 26	03:16	03:48	15:47	16:19
JAN 31	04:55	05:30	14:49	15:24	MAY 31	01:14	01:56	17:52	18:34					
FEB 01	04:54	05:28	14:51	15:25	JUN 01	01:13	01:55	17:53	18:35	OCT 01	03:23	03:55	15:36	16:08
FEB 06	04:47	05:21	14:59	15:33	JUN 06	01:09	01:52	17:58	18:40	OCT 06	03:31	04:03	15:25	15:57
FEB 11	04:39	05:13	15:08	15:41	JUN 11	01:07	01:50	18:01	18:45	OCT 11	03:38	04:10	15:15	15:47
FEB 16	04:31	05:04	15:16	15:49	JUN 16	01:06	01:49	18:04	18:48	OCT 16	03:46	04:18	15:05	15:37
FEB 21	04:22	04:55	15:25	15:57	JUN 21	01:06	01:50	18:06	18:49	OCT 21	03:53	04:26	14:55	15:28
FEB 26	04:13	04:45	15:33	16:05	JUN 26	01:08	01:51	18:06	18:50	OCT 26	04:01	04:34	14:46	15:19
										OCT 31	04:09	04:42	14:37	15:10
MAR 01	04:07	04:39	15:38	16:10	JUL 01	01:10	01:54	18:06	18:49	NOV 01	04:10	04:44	14:35	15:09
MAR 06	03:57	04:29	15:46	16:18	JUL 06	01:15	01:57	18:04	18:46	NOV 06	04:18	04:52	14:27	15:01
MAR 11	03:47	04:19	15:54	16:25	JUL 11	01:20	02:02	18:01	18:43	NOV 11	04:25	05:00	14:20	14:55
MAR 16	03:36	04:08	16:01	16:33	JUL 16	01:26	02:07	17:57	18:38	NOV 16	04:33	05:08	14:14	14:49
MAR 21	03:25	03:57	16:09	16:41	JUL 21	01:32	02:13	17:52	18:32	NOV 21	04:40	05:16	14:08	14:44
MAR 26	03:14	03:46	16:17	16:49	JUL 26	01:40	02:19	17:46	18:25	NOV 26	04:47	05:23	14:03	14:40
MAR 31	03:03	03:36	16:24	16:57	JUL 31	01:47	02:26	17:39	18:17					
APR 01	03:01	03:34	16:26	16:58	AUG 01	01:49	02:27	17:37	18:16	DEC 01	04:53	05:30	14:00	14:37
APR 06	02:50	03:23	16:34	17:06	AUG 06	01:57	02:34	17:30	18:07	DEC 06	04:59	05:36	13:58	14:35
APR 11	02:39	03:13	16:41	17:14	AUG 11	02:05	02:41	17:21	17:58	DEC 11	05:04	05:42	13:57	14:34
APR 16	02:29	03:02	16:49	17:23	AUG 16	02:13	02:48	17:12	17:48	DEC 16	05:08	05:46	13:57	14:35
APR 21	02:18	02:53	16:56	17:31	AUG 21	02:21	02:56	17:03	17:38	DEC 21	05:11	05:49	13:59	14:37
APR 26	02:08	02:43	17:04	17:39	AUG 26	02:29	03:03	16:53	17:27	DEC 26	05:13	05:51	14:02	14:39
					AUG 31	02:37	03:10	16:43	17:16	DEC 31	05:14	05:52	14:06	14:43