

**GEN 2.7. TABLEAUX DES HEURES DE LEVER ET DE COUCHER DU SOLEIL**  
**SUNRISE AND SUNSET TABLES**

**1. GENERALITES**

Les tableaux suivants, concernant les aéroports Marocains, ont été dressés par la Direction de la Météorologie Nationale à Casablanca.

1.1 Les heures du lever (SR) et du coucher du soleil (SS) sont calculées pour la période allant de 2001 à 2011.

1.2 Les tableaux sont calculés pour l'année 2006 qui sert d'année moyenne pour la période comprise entre 2001-2011

Le groupe horaire sera donné en 4 chiffres (Heure, Minute).

**1. GENERAL**

The following tables, concerning the Moroccan airports, have been prepared by the National Meteorology Directorate at Casablanca.

1.1 The times of sunrise (SR) and sunset (SS) are calculated for the period going from 2001 to 2011.

1.2 the tables are calculated for the year 2006 which is used as mean year comprised between 2001 -2011

The time group will be given in 4 numbers (Hour, Minute)

**2. LISTE ALPHABETIQUE / ALPHABETICAL LIST**

<b>Lieu / location</b>	<b>Page</b>
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**3. TABLEAUX DES HEURES DE LEVER ET DE COUCHER DU SOLEIL**  
SUNRISE AND SUNSET TABLES

3.1

AGADIR / Al Massira  
GMAD  
30°19'30"N 009°24'47"W

<i>Mois / Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:38	17:43
7	07:39	17:47
14	07:39	17:53
21	07:37	17:59
28	07:35	18:05
<b>FEB</b>		
1	07:32	18:08
7	07:29	18:14
14	07:23	18:20
21	07:17	18:25
28	07:09	18:31
<b>MAR</b>		
1	07:08	18:31
7	07:02	18:36
14	06:53	18:40
21	06:45	18:45
28	06:36	18:49
<b>APR</b>		
1	06:31	18:51
7	06:24	18:55
14	06:16	18:59
21	06:08	19:03
28	06:01	19:08
<b>MAY</b>		
1	05:58	19:10
7	05:53	19:14
14	05:48	19:18
21	05:44	19:23
28	05:41	19:27
<b>JUN</b>		
1	05:40	19:29
7	05:39	19:32
14	05:39	19:35
21	05:40	19:37
28	05:42	19:38

<i>Mois / Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:43	19:39
7	05:45	19:38
14	05:49	19:37
21	05:53	19:34
28	05:57	19:30
<b>AUG</b>		
1	05:59	19:28
7	06:03	19:23
14	06:07	19:17
21	06:11	19:09
28	06:15	19:02
<b>SEP</b>		
1	06:17	18:57
7	06:21	18:50
14	06:24	18:41
21	06:28	18:32
28	06:32	18:23
<b>OCT</b>		
1	06:34	18:19
7	06:37	18:12
14	06:42	18:04
21	06:47	17:56
28	06:52	17:49
<b>NOV</b>		
1	06:55	17:46
7	07:00	17:42
14	07:06	17:38
21	07:12	17:35
28	07:18	17:33
<b>DEC</b>		
1	07:21	17:33
7	07:26	17:33
14	07:30	17:34
21	07:34	17:37
28	07:37	17:40

3.2

AL HOCEIMA / Chérif El Idrissi

GMTA

35°10'50"N 003°49'54"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:28	17:08
7	07:29	17:13
14	07:28	17:19
21	07:25	17:26
28	07:22	17:33
<b>FEB</b>		
1	07:19	17:37
7	07:14	17:44
14	07:07	17:51
21	07:00	17:58
28	06:51	18:04
<b>MAR</b>		
1	06:50	18:05
7	06:42	18:11
14	06:32	18:17
21	06:23	18:22
28	06:13	18:28
<b>APR</b>		
1	06:07	18:31
7	05:58	18:36
14	05:49	18:41
21	05:40	18:47
28	05:32	18:53
<b>MAY</b>		
1	05:28	18:55
7	05:22	19:00
14	05:16	19:06
21	05:11	19:11
28	05:08	19:16
<b>JUN</b>		
1	05:06	19:19
7	05:05	19:22
14	05:04	19:25
21	05:05	19:28
28	05:07	19:29

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:08	19:29
7	05:11	19:28
14	05:15	19:26
21	05:20	19:23
28	05:25	19:18
<b>AUG</b>		
1	05:28	19:15
7	05:33	19:09
14	05:38	19:02
21	05:43	18:53
28	05:48	18:44
<b>SEP</b>		
1	05:51	18:39
7	05:55	18:30
14	06:00	18:20
21	06:05	18:10
28	06:11	18:00
<b>OCT</b>		
1	06:13	17:55
7	06:18	17:47
14	06:24	17:37
21	06:30	17:29
28	06:36	17:21
<b>NOV</b>		
1	06:40	17:17
7	06:46	17:11
14	06:53	17:06
21	07:01	17:02
28	07:07	17:00
<b>DEC</b>		
1	07:10	16:59
7	07:15	16:59
14	07:20	17:00
21	07:24	17:02
28	07:27	17:06

3.3

BENSLIMANE  
GMMB  
33°39'15,56"N 007°13'32,58"W

A DEVELOPPER  
TO BE DEVELOPED

3.4

CASABLANCA / Mohammed V

GMMN

33°21'51"N 007°34'54"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:38	17:28
7	07:39	17:33
14	07:38	17:39
21	07:36	17:45
28	07:33	17:52
<b>FEB</b>		
1	07:31	17:56
7	07:26	18:02
14	07:20	18:08
21	07:13	18:15
28	07:05	18:21
<b>MAR</b>		
1	07:03	18:22
7	06:56	18:27
14	06:47	18:32
21	06:37	18:37
28	06:28	18:42
<b>APR</b>		
1	06:23	18:45
7	06 :15	18 :50
14	06 :06	18 :55
21	05 :57	19 :00
28	05 :49	19 :05
<b>MAY</b>		
1	05 :46	19 :07
7	05 :41	19 :12
14	05 :35	19 :17
21	05 :30	19 :22
28	05 :27	19 :27
<b>JUN</b>		
1	05:26	19:29
7	05:24	19:32
14	05:24	19:36
21	05:25	19:38
28	05:27	19:39

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:28	19:39
7	05:31	19:38
14	05:35	19:37
21	05:39	19:33
28	05:44	19:29
<b>AUG</b>		
1	05:47	19:26
7	05:51	19:21
14	05:56	19:14
21	06:00	19:06
28	06:05	18:57
<b>SEP</b>		
1	06:08	18:52
7	06:11	18:44
14	06:16	18:34
21	06:21	18:25
28	06:25	18:15
<b>OCT</b>		
1	06 :27	18 :11
7	06 :32	18 :03
14	06 :37	17 :54
21	06 :43	17 :46
28	06 :49	17 :38
<b>NOV</b>		
1	06 :52	17 :34
7	06 :58	17 :29
14	07 :05	17 :25
21	07 :12	17 :21
28	07 :18	17 :19
<b>DEC</b>		
1	07:21	17:18
7	07:26	17:18
14	07:31	17:19
21	07:35	17:22
28	07:37	17:25

3.5

DAKHLA  
GMMH  
23°43'08"N 015°55'55"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:50	18:23
7	07:51	18:27
14	07:52	18:32
21	07:51	18:37
28	07:49	18:42
<b>FEB</b>		
1	07:48	18:45
7	07:45	18:49
14	07:41	18:54
21	07:36	18:58
28	07:31	19:02
<b>MAR</b>		
1	07:30	19:02
7	07:24	19:05
14	07:18	19:08
21	07:11	19:11
28	07:04	19:13
<b>APR</b>		
1	07:00	19:15
7	06 :54	19:17
14	06 :47	19:20
21	06 :41	19:23
28	06 :35	19:26
<b>MAY</b>		
1	06 :33	19:27
7	06 :29	19:30
14	06 :25	19:33
21	06 :23	19:37
28	06 :21	19:40
<b>JUN</b>		
1	06:20	19:42
7	06:19	19:44
14	06:20	19:47
21	06:21	19:49
28	06:23	19:50

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	06:24	19:50
7	06:26	19:50
14	06:29	19:49
21	06:32	19:48
28	06:35	19:45
<b>AUG</b>		
1	06:37	19:43
7	06:39	19:39
14	06:42	19:34
21	06:45	19:28
28	06:47	19:22
<b>SEP</b>		
1	06:48	19:18
7	06:50	19:12
14	06:52	19:05
21	06:55	18:57
28	06:57	18:50
<b>OCT</b>		
1	06 :58	18 :47
7	07 :00	18 :41
14	07 :03	18 :34
21	07 :07	18 :29
28	07 :10	18 :23
<b>NOV</b>		
1	07 :13	18 :21
7	07 :17	18 :18
14	07 :21	18 :15
21	07 :26	18 :13
28	07 :31	18 :12
<b>DEC</b>		
1	07:33	18:12
7	07:37	18:13
14	07:42	18:15
21	07:45	18:18
28	07:48	18:21

3.6

ERRACHIDIA / Moulay Ali Chérif  
GMFK  
31°57'00"N 004°24'00"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:22	17:19
7	07:23	17:23
14	07:22	17:29
21	07:21	17:35
28	07:18	17:42
<b>FEB</b>		
1	07:15	17:46
7	07:11	17:51
14	07:05	17:58
21	06:58	18:04
28	06:51	18:09
<b>MAR</b>		
1	06:50	18:10
7	06:42	18:15
14	06:34	18:20
21	06:25	18:25
28	06:16	18:29
<b>APR</b>		
1	06:10	18:32
7	06:03	18:36
14	05:54	18:40
21	05:46	18:45
28	05:39	18:50
<b>MAY</b>		
1	05:36	18:52
7	05:30	18:56
14	05:25	19:01
21	05:21	19:06
28	05:18	19:11
<b>JUN</b>		
1	05:16	19:13
7	05:15	19:16
14	05:15	19:19
21	05:16	19:21
28	05:18	19:22

<i>Mois /Jour Mont/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:19	19:23
7	05:22	19:22
14	05:25	19:20
21	05:29	19:18
28	05:34	19:13
<b>AUG</b>		
1	05:37	19:11
7	05:40	19:06
14	05:45	18:59
21	05:49	18:51
28	05:54	18:43
<b>SEP</b>		
1	05:56	18:38
7	06:00	18:30
14	06:04	18:21
21	06:08	18:12
28	06:12	18:02
<b>OCT</b>		
1	06:14	17 :58
7	06:18	17 :51
14	06:23	17 :42
21	06:28	17 :34
28	06:34	17 :27
<b>NOV</b>		
1	06:38	17 :24
7	06:43	17 :19
14	06:49	17 :15
21	06:56	17 :11
28	07:02	17 :09
<b>DEC</b>		
1	07:05	17:09
7	07:09	17:09
14	07:14	17:10
21	07:18	17:13
28	07:21	17:16

3.7

ESSAOUIRA / Mogador

GMMI

31°24'00"N 009°41'00"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:43	17:41
7	07:43	17:46
14	07:43	17:52
21	07:41	17:58
28	07:38	18:04
<b>FEB</b>		
1	07:36	18:08
7	07:32	18:13
14	07:26	18:20
21	07:19	18:26
28	07:12	18:31
<b>MAR</b>		
1	07 :11	18 :32
7	07 :04	18 :36
14	06 :55	18 :41
21	06 :46	18 :46
28	06 :37	18 :51
<b>APR</b>		
1	06:32	18:53
7	06:25	18:57
14	06:16	19:02
21	06:08	19:06
28	06:01	19:11
<b>MAY</b>		
1	05:58	19:13
7	05 :53	19 :17
14	05 :47	19 :22
21	05 :43	19 :27
28	05 :40	19 :31
<b>JUN</b>		
1	05:39	19:34
7	05:38	19:37
14	05:38	19:40
21	05:39	19:42
28	05:40	19:43

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:42	19:43
7	05:44	19:43
14	05:48	19:41
21	05:52	19:38
28	05:56	19:34
<b>AUG</b>		
1	05:59	19:31
7	06:03	19:26
14	06:07	19:20
21	06:11	19:12
28	06:16	19:04
<b>SEP</b>		
1	06 :18	18 :59
7	06 :21	18 :52
14	06 :25	18 :43
21	06 :29	18 :33
28	06 :34	18 :24
<b>OCT</b>		
1	06:36	18:20
7	06:39	18:13
14	06:44	18:04
21	06:50	17:56
28	06:55	17:49
<b>NOV</b>		
1	06 :59	17 :46
7	07 :04	17 :41
14	07 :10	17 :37
21	07 :16	17 :34
28	07 :23	17 :32
<b>DEC</b>		
1	07:25	17:31
7	07:30	17:31
14	07:35	17:33
21	07:39	17:35
28	07:41	17:39

3.7

ESSAOUIRA / Mogador

GMMI

31°24'00"N 009°41'00"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:43	17:41
7	07:43	17:46
14	07:43	17:52
21	07:41	17:58
28	07:38	18:04
<b>FEB</b>		
1	07:36	18:08
7	07:32	18:13
14	07:26	18:20
21	07:19	18:26
28	07:12	18:31
<b>MAR</b>		
1	07 :11	18 :32
7	07 :04	18 :36
14	06 :55	18 :41
21	06 :46	18 :46
28	06 :37	18 :51
<b>APR</b>		
1	06:32	18:53
7	06:25	18:57
14	06:16	19:02
21	06:08	19:06
28	06:01	19:11
<b>MAY</b>		
1	05:58	19:13
7	05 :53	19 :17
14	05 :47	19 :22
21	05 :43	19 :27
28	05 :40	19 :31
<b>JUN</b>		
1	05:39	19:34
7	05:38	19:37
14	05:38	19:40
21	05:39	19:42
28	05:40	19:43

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:42	19:43
7	05:44	19:43
14	05:48	19:41
21	05:52	19:38
28	05:56	19:34
<b>AUG</b>		
1	05:59	19:31
7	06:03	19:26
14	06:07	19:20
21	06:11	19:12
28	06:16	19:04
<b>SEP</b>		
1	06 :18	18 :59
7	06 :21	18 :52
14	06 :25	18 :43
21	06 :29	18 :33
28	06 :34	18 :24
<b>OCT</b>		
1	06:36	18:20
7	06:39	18:13
14	06:44	18:04
21	06:50	17:56
28	06:55	17:49
<b>NOV</b>		
1	06 :59	17 :46
7	07 :04	17 :41
14	07 :10	17 :37
21	07 :16	17 :34
28	07 :23	17 :32
<b>DEC</b>		
1	07:25	17:31
7	07:30	17:31
14	07:35	17:33
21	07:39	17:35
28	07:41	17:39

3.8

FES / Saïss

GMFF

33°55'50"N 004°57'54"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:29	17:16
7	07:30	17:21
14	07:29	17:27
21	07:27	17:33
28	07:24	17:40
<b>FEB</b>		
1	07:21	17:44
7	07:17	17:50
14	07:10	17:57
21	07:03	18:04
28	06:55	18:10
<b>MAR</b>		
1	06:53	18:11
7	06:46	18:16
14	06:37	18:22
21	06:27	18:27
28	06:17	18:32
<b>APR</b>		
1	06:12	18:35
7	06:04	18:40
14	05:55	18:45
21	05:46	18:50
28	05:38	18:55
<b>MAY</b>		
1	05:35	18:58
7	05:29	19:02
14	05:23	19:08
21	05:19	19:13
28	05:15	19:18
<b>JUN</b>		
1	05:14	19:20
7	05:13	19:24
14	05:12	19:27
21	05:13	19:29
28	05:15	19:30

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:16	19:30
7	05:19	19:29
14	05:23	19:28
21	05:27	19:24
28	05:32	19:20
<b>AUG</b>		
1	05:35	19:17
7	05:39	19:11
14	05:44	19:04
21	05:49	18:56
28	05:54	18:47
<b>SEP</b>		
1	05:57	18:42
7	06:01	18:34
14	06:05	18:24
21	06:10	18:14
28	06:15	18:04
<b>OCT</b>		
1	06:17	18:00
7	06:22	17:52
14	06:27	17:43
21	06:33	17:35
28	06:39	17:27
<b>NOV</b>		
1	06:43	17:23
7	06:49	17:18
14	06:56	17:13
21	07:02	17:09
28	07:09	17:07
<b>DEC</b>		
1	07:12	17:07
7	07:17	17:06
14	07:22	17:07
21	07:26	17:10
28	07:28	17:13

3.9

IFRANE

GMFI

33°29'51"N 005°09'54"W

<i>Mois / Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:29	17:18
7	07:30	17:23
14	07:29	17:29
21	07:27	17:35
28	07:24	17:42
<b>FEB</b>		
1	07:21	17:46
7	07:17	17:52
14	07:10	17:59
21	07:03	18:05
28	06:55	18:11
<b>MAR</b>		
1	06:54	18:12
7	06:46	18:17
14	06:37	18:22
21	06:28	18:28
28	06:18	18:33
<b>APR</b>		
1	06:13	18:36
7	06 :05	18 :40
14	05 :56	18 :45
21	05 :47	18 :50
28	05 :40	18 :55
<b>MAY</b>		
1	05 :36	18 :58
7	05 :31	19 :02
14	05 :25	19 :07
21	05 :20	19 :13
28	05 :17	19 :17
<b>JUN</b>		
1	05:16	19:20
7	05:14	19:23
14	05:14	19:26
21	05:15	19:28
28	05:17	19:29

<i>Mois / Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:18	19:30
7	05:21	19:29
14	05:25	19:27
21	05:29	19:24
28	05:34	19:20
<b>AUG</b>		
1	05:37	19:17
7	05:41	19:11
14	05:46	19:04
21	05:51	18:56
28	05:55	18:48
<b>SEP</b>		
1	05:58	18:43
7	06:02	18:34
14	06:06	18:25
21	06:11	18:15
28	06:16	18:05
<b>OCT</b>		
1	06 :18	18 :01
7	06 :22	17 :53
14	06 :27	17 :44
21	06 :33	17 :36
28	06 :39	17 :28
<b>NOV</b>		
1	06 :43	17 :25
7	06 :49	17 :19
14	06 :55	17 :15
21	07 :02	17 :11
28	07 :09	17 :09
<b>DEC</b>		
1	07:11	17:08
7	07:16	17:08
14	07:21	17:09
21	07:25	17:12
28	07:28	17:15

3.10

LAAYOUNE / Hassan 1<sup>er</sup>

GMML

27°09'06"N 013°13'09"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:46	18:05
7	07:47	18:09
14	07:47	18:15
21	07:46	18:20
28	07:44	18:26
<b>FEB</b>		
1	07:43	18:29
7	07:39	18:34
14	07:34	18:39
21	07:29	18:44
28	07:22	18:48
<b>MAR</b>		
1	07:21	18:49
7	07:15	18:52
14	07:08	18:56
21	07:00	19:00
28	06:52	19:03
<b>APR</b>		
1	06:48	19:05
7	06:41	19:08
14	06:34	19:12
21	06:27	19:15
28	06:20	19:19
<b>MAY</b>		
1	06:18	19:21
7	06:13	19:24
14	06:09	19:28
21	06:05	19:32
28	06:03	19:36
<b>JUN</b>		
1	06:02	19:38
7	06:01	19:41
14	06:01	19:43
21	06:02	19:45
28	06:04	19:46

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	06:05	19:47
7	06:08	19:47
14	06:11	19:45
21	06:14	19:43
28	06:18	19:40
<b>AUG</b>		
1	06:20	19:37
7	06:23	19:33
14	06:27	19:28
21	06:30	19:21
28	06:33	19:14
<b>SEP</b>		
1	06:35	19:10
7	06:38	19:03
14	06:41	18:55
21	06:43	18:47
28	06:47	18:39
<b>OCT</b>		
1	06:48	18:35
7	06:51	18:28
14	06:55	18:21
21	06:59	18:15
28	07:04	18:09
<b>NOV</b>		
1	07:06	18:06
7	07:11	18:02
14	07:16	17:58
21	07:22	17:56
28	07:27	17:55
<b>DEC</b>		
1	07:29	17:55
7	07:34	17:55
14	07:38	17:57
21	07:42	17:59
28	07:45	18:03

3.11

MARRAKECH / Ménara

GMMX

31°36'31"N 008°02'27"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:36	17:34
7	07:37	17:39
14	07:36	17:44
21	07:34	17:51
28	07:31	17:57
<b>FEB</b>		
1	07:29	18:01
7	07:25	18:06
14	07:19	18:12
21	07:13	18:18
28	07:05	18:24
<b>MAR</b>		
1	07:04	18:25
7	06:57	18:29
14	06:48	18:34
21	06:39	18:39
28	06:30	18:44
<b>APR</b>		
1	06:25	18:46
7	06 :18	18 :50
14	06 :09	18 :55
21	06 :01	18 :59
28	05 :54	19 :04
<b>MAY</b>		
1	05 :51	19 :06
7	05 :45	19 :10
14	05 :40	19 :15
21	05 :36	19 :20
28	05 :33	19 :24
<b>JUN</b>		
1	05:32	19:27
7	05:31	19:30
14	05:30	19:33
21	05:31	19:35
28	05:33	19:36

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:34	19:36
7	05:37	19:36
14	05:41	19:34
21	05:45	19:31
28	05:49	19:27
<b>AUG</b>		
1	05:52	19:25
7	05:56	19:20
14	06:00	19:13
21	06:04	19:06
28	06:09	18:57
<b>SEP</b>		
1	06:11	18:52
7	06:14	18:45
14	06:18	18:36
21	06:22	18:26
28	06:27	18:17
<b>OCT</b>		
1	06 :29	18 :13
7	06 :32	18 :06
14	06 :37	17 :57
21	06 :43	17 :49
28	06 :48	17 :42
<b>NOV</b>		
1	06 :52	17 :39
7	06 :57	17 :34
14	07 :03	17 :30
21	07 :10	17 :27
28	07 :16	17 :25
<b>DEC</b>		
1	07:18	17:24
7	07:23	17:24
14	07:28	17:25
21	07:32	17:28
28	07:35	17:32

3.12

NADOR / El Aroui  
GMMW  
34°59'21"N 003°01'40"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:24	17:05
7	07:25	17:09
14	07:24	17:16
21	07:22	17:22
28	07:18	17:30
<b>FEB</b>		
1	07:15	17:34
7	07:10	17:40
14	07:04	17:47
21	06:56	17:54
28	06:47	18:01
<b>MAR</b>		
1	06:46	18:02
7	06:38	18:07
14	06:29	18:13
21	06:19	18:19
28	06:09	18:24
<b>APR</b>		
1	06:03	18:27
7	05 :55	18 :32
14	05 :45	18 :38
21	05 :36	18 :43
28	05 :28	18 :49
<b>MAY</b>		
1	05 :25	18 :51
7	05 :19	18 :56
14	05 :13	19 :02
21	05 :08	19 :07
28	05 :04	19 :12
<b>JUN</b>		
1	05:03	19:15
7	05:01	19:18
14	05:01	19:22
21	05:02	19:24
28	05:04	19:25

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:05	19:25
7	05:08	19:24
14	05:12	19:22
21	05:16	19:19
28	05:21	19:14
<b>AUG</b>		
1	05:24	19:11
7	05:29	19:05
14	05:34	18:58
21	05:39	18:50
28	05:45	18:40
<b>SEP</b>		
1	05:47	18:35
7	05:52	18:27
14	05:57	18:16
21	06:02	18:06
28	06:07	17:56
<b>OCT</b>		
1	06 :09	17 :52
7	06 :14	17 :43
14	06 :20	17 :34
21	06 :26	17 :25
28	06 :33	17 :17
<b>NOV</b>		
1	06 :37	17 :13
7	06 :43	17 :08
14	06 :50	17 :02
21	06 :57	16 :58
28	07 :04	16 :56
<b>DEC</b>		
1	07:06	16:55
7	07:11	16:55
14	07:17	16:56
21	07:21	16:58
28	07:23	17:02

3.13

OUARZAZATE

GMMZ

30°56'14"N 006°54'22"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:30	17:31
7	07:30	17:36
14	07:30	17:41
21	07:29	17:47
28	07:26	17:54
<b>FEB</b>		
1	07:23	17:57
7	07:19	18:03
14	07:14	18:09
21	07:07	18:15
28	07:00	18:20
<b>MAR</b>		
1	06:59	18:21
7	06:52	18:25
14	06:43	18:30
21	06:35	18:35
28	06:26	18:39
<b>APR</b>		
1	06:21	18:41
7	06:13	18:45
14	06:05	18:50
21	05:57	18:54
28	05:50	18:59
<b>MAY</b>		
1	05:47	19 :01
7	05:42	19 :05
14	05:37	19 :09
21	05:33	19 :14
28	05:30	19 :18
<b>JUN</b>		
1	05:29	19:21
7	05:28	19:24
14	05:27	19:27
21	05:28	19:29
28	05:30	19:30

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:31	19:30
7	05:34	19:30
14	05:38	19:28
21	05:42	19:25
28	05:46	19:21
<b>AUG</b>		
1	05:48	19:19
7	05:52	19:14
14	05:56	19:08
21	06:01	19:00
28	06:05	18:52
<b>SEP</b>		
1	06:07	18:47
7	06:10	18:40
14	06:14	18:31
21	06:18	18:22
28	06:22	18:13
<b>OCT</b>		
1	06:24	18:09
7	06:28	18:01
14	06:32	17:53
21	06:37	17:46
28	06:43	17:39
<b>NOV</b>		
1	06:46	17:35
7	05:51	17:31
14	06:57	17:26
21	07:04	17:23
28	07:10	17:22
<b>DEC</b>		
1	07:12	17:21
7	07:17	17:21
14	07:22	17:23
21	07:26	17:25
28	07:29	17:29

3.14

OUJDA / Angads  
GMFO  
34°47'10"N 001°55'32"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:19	17:02
7	07:20	17:06
14	07:19	17:13
21	07:17	17:19
28	07:13	17:26
<b>FEB</b>		
1	07:11	17:31
7	07:06	17:37
14	06:59	17:44
21	06:52	17:51
28	06:43	17:57
<b>MAR</b>		
1	06:42	17:58
7	06:34	18:03
14	06:25	18:09
21	06:15	18:15
28	06:05	18:20
<b>APR</b>		
1	05:59	18:23
7	05:51	18:28
14	05:42	18:33
21	05:33	18:39
28	05:25	18:44
<b>MAY</b>		
1	05:21	18:47
7	05:16	18:52
14	05:10	18:57
21	05:05	19:02
28	05:01	19:07
<b>JUN</b>		
1	05:00	19:10
7	04:58	19:13
14	04:58	19:17
21	04:59	19:19
28	05:01	19:20

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:02	19:20
7	05:05	19:19
14	05:09	19:17
21	05:13	19:14
28	05:18	19:09
<b>AUG</b>		
1	05:21	19:06
7	05:26	19:01
14	05:31	18:53
21	05:36	18:45
28	05:41	18:36
<b>SEP</b>		
1	05:44	18:31
7	05:48	18:22
14	05:53	18:12
21	05:58	18:02
28	06:03	17:52
<b>OCT</b>		
1	06 :05	17:48
7	06 :10	17:39
14	06 :16	17:30
21	06 :22	17:21
28	06 :28	17:14
<b>NOV</b>		
1	06 :32	17:10
7	06 :38	17:04
14	06 :45	16:59
21	06 :52	16:55
28	06 :59	16:53
<b>DEC</b>		
1	07:01	19:52
7	07:07	16:52
14	07:12	16:53
21	07:16	16:55
28	07:18	16:59

3.15

RABAT / Salé

GMME

34°03'05"N 006°45'05"W

<i>Mois / Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:37	17:23
7	07:37	17:28
14	07:37	17:34
21	07:35	17:40
28	07:31	17:47
<b>FEB</b>		
1	07:29	17:51
7	07:24	17:57
14	07:17	18:04
21	07:10	18:11
28	07:02	18:17
<b>MAR</b>		
1	07:01	18:18
7	06:53	18:23
14	06:44	18:29
21	06:34	18:34
28	06:24	18:39
<b>APR</b>		
1	06:19	18:42
7	06:11	18:47
14	06:02	18:52
21	05:53	18:57
28	05:45	19:03
<b>MAY</b>		
1	05:42	19:05
7	05:36	19:10
14	05:30	19:15
21	05:26	19:20
28	05:22	19:25
<b>JUN</b>		
1	05:21	19:27
7	05:19	19:31
14	05:19	19:34
21	05:20	19:36
28	05:22	19:37

<i>Mois / Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:23	19:37
7	05:26	19:37
14	05:30	19:35
21	05:34	19:32
28	05:39	19:27
<b>AUG</b>		
1	05:42	19:24
7	05:46	19:19
14	05:51	19:12
21	05:56	19:04
28	06:01	18:55
<b>SEP</b>		
1	06:04	18:49
7	06:08	18:41
14	06:12	18:31
21	06:17	18:21
28	06:22	18:11
<b>OCT</b>		
1	06:24	18:07
7	06:29	17:59
14	06:34	17:50
21	06:40	17:42
28	06:46	17:34
<b>NOV</b>		
1	06:50	17:30
7	06:56	17:25
14	07:03	17:20
21	07:10	17:16
28	07:16	17:14
<b>DEC</b>		
1	07:19	17:13
7	07:24	17:13
14	07:29	17:14
21	07:33	17:17
28	07:36	17:20

3.16

TANGER / Ibn Batouta  
GMTT  
35°43'54"N 005°55'16"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:37	17:15
7	07:38	17:19
14	07:37	17:26
21	07:34	17:32
28	07:30	17:40
<b>FEB</b>		
1	07:28	17:44
7	07:23	17:50
14	07:16	17:58
21	07:08	18:05
28	06:59	18:12
<b>MAR</b>		
1	06:58	18:12
7	06:50	18:18
14	06:40	18:24
21	06:30	18:30
28	06:20	18:36
<b>APR</b>		
1	06:14	18:39
7	06:06	18:44
14	05:56	18:49
21	05:47	18:55
28	06:39	19:01
<b>MAY</b>		
1	05:35	19:04
7	05:29	19:09
14	05:23	19:14
21	05:18	19:20
28	05:14	19:25
<b>JUN</b>		
1	05:13	19:28
7	05:11	19:31
14	05:11	19:35
21	05:11	19:37
28	05:13	19:38

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:15	19:38
7	05:17	19:37
14	05:22	19:35
21	05:26	19:31
28	05:32	19:27
<b>AUG</b>		
1	05:35	19:23
7	05:39	19:18
14	05:45	19:10
21	05:50	19:02
28	05:55	18:52
<b>SEP</b>		
1	05:58	18:47
7	06:03	18:38
14	06:08	18:28
21	06:13	18:17
28	06:18	18:07
<b>OCT</b>		
1	06:21	18:03
7	06:26	17:54
14	06:32	17:45
21	06:38	17:36
28	06:45	17:28
<b>NOV</b>		
1	06:49	17:23
7	06:55	17:18
14	07:02	17:13
21	07:09	17:08
28	07:16	17:06
<b>DEC</b>		
1	07:19	17:05
7	07:24	17:05
14	07:29	17:06
21	07:34	17:08
28	07:36	17:12

3.17

TAN-TAN / Plage Blanche  
GMAT  
28°26'38"N 011°09'54"W

<i>Mois / Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:37	17:49
7	07:38	17:54
14	07:38	17:59
21	07:37	18:05
28	07:34	18:11
<b>FEB</b>		
1	07:32	18:14
7	07:29	18:19
14	07:24	18:25
21	07:18	18:30
28	07:11	18:35
<b>MAR</b>		
1	07:10	18:35
7	07:03	18:39
14	06:56	18:43
21	06:47	18:47
28	06:39	18:51
<b>APR</b>		
1	06:35	18:53
7	06:28	18:57
14	06:20	19:00
21	06:13	19:04
28	06:06	19:08
<b>MAY</b>		
1	06:03	19:10
7	05:59	19:14
14	05:54	19:18
21	05:50	19:22
28	05:48	19:26
<b>JUN</b>		
1	05:47	19:28
7	05:46	19:31
14	05:46	19:34
21	05:47	19:36
28	05:49	19:37

<i>Mois / Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:50	19:37
7	05:52	19:37
14	05:55	19:36
21	05:59	19:33
28	06:03	19:30
<b>AUG</b>		
1	06:05	19:27
7	06:09	19:23
14	06:12	19:17
21	06:16	19:10
28	06:20	19:03
<b>SEP</b>		
1	06:21	18:58
7	06:24	18:51
14	06:28	18:43
21	06:31	18:34
28	06:34	18:26
<b>OCT</b>		
1	06:36	18:22
7	06:39	18:15
14	06:43	18:08
21	06:48	18:01
28	06:53	17:54
<b>NOV</b>		
1	06:56	17:51
7	07:00	17:47
14	07:06	17:43
21	07:12	17:41
28	07:18	17:39
<b>DEC</b>		
1	07:20	17:39
7	07:24	17:39
14	07:29	17:41
21	07:33	17:43
28	07:36	17:47

3.18

TETOUAN / Saniat R'mel

GMTN

35°35'50"N 005°18'54"W

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JAN</b>		
1	07:35	17:13
7	07:36	17:18
14	07:35	17:24
21	07:32	17:31
28	07:28	17:38
<b>FEB</b>		
1	07:26	17:43
7	07:21	17:49
14	07:14	17:56
21	07:06	18:03
28	06:58	18:10
<b>MAR</b>		
1	06:56	18:11
7	06:48	18:16
14	06:38	18:22
21	06:28	18:28
28	06:18	18:34
<b>APR</b>		
1	06:13	18:37
7	06:04	18:42
14	05:54	18:48
21	05:45	18:53
28	05:37	18:59
<b>MAY</b>		
1	05:34	19:02
7	05:28	19:07
14	05:22	19:12
21	05:17	19:18
28	05:13	19:23
<b>JUN</b>		
1	05:11	19:26
7	05:10	19:29
14	05:09	19:32
21	05:10	19:35
28	05:12	19:36

<i>Mois /Jour Month/Day</i>	<b>SR</b>	<b>SS</b>
<b>JUL</b>		
1	05:13	19:36
7	05:16	19:35
14	05:20	19:33
21	05:25	19:29
28	05:30	19:25
<b>AUG</b>		
1	05:33	19:21
7	05:38	19:16
14	05:43	19:08
21	05:49	19:00
28	05:54	18:51
<b>SEP</b>		
1	05:57	18:45
7	06:01	19:36
14	06:06	18:26
21	06:11	18:16
28	06:17	18:05
<b>OCT</b>		
1	06:19	18:01
7	06:24	17:53
14	06:30	17:43
21	06:36	17:34
28	06:43	17:26
<b>NOV</b>		
1	06:47	17:22
7	06:53	17:16
14	07:00	17:11
21	07:07	17:07
28	07:14	17:05
<b>DEC</b>		
1	07:17	17:04
7	07:22	17:04
14	07:27	17:04
21	07:31	17:07
28	07:34	17:11