

DEBUT DES TEPHILINES

PARIS (75)

תשפ"ב

	2017				2018									
	SEP	OCT	NOV	DEC	JAN	FEV	MAR	AVR	MAI	JUIN	JUIL	AOU	SEP	
01	06:02	06:49	06:34	07:14	07:34	07:16	06:31	06:25	05:19	04:25	04:21	05:07	06:02	
02	06:04	06:50	06:35	07:15	07:34	07:15	06:29	06:23	05:16	04:24	04:22	05:09	06:03	
03	06:05	06:52	06:37	07:16	07:34	07:13	06:28	06:21	05:14	04:23	04:23	05:10	06:05	
04	06:07	06:53	06:38	07:17	07:34	07:12	06:26	06:19	05:12	04:22	04:24	05:12	06:07	
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06	06:10	06:56	06:41	07:19	07:34	07:10	06:22	06:14	05:08	04:20	04:26	05:16	06:10	
07	06:12	06:58	06:42	07:20	07:34	07:08	06:20	06:12	05:06	04:20	04:27	05:18	06:11	
08	06:13	06:59	06:44	07:21	07:33	07:07	06:18	06:10	05:04	04:19	04:28	05:19	06:13	
09	06:15	07:01	06:45	07:22	07:33	07:05	06:15	06:07	05:02	04:18	04:29	05:21	06:15	
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31		06:32		07:34	07:17		06:28		04:26		05:05	06:00		

LEVER DU SOLEIL -HANETS HA'HAMA

PARIS (75)

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	2017				2018									
	SEP	OCT	NOV	DEC	JAN	FEV	MAR	AVR	MAI	JUIN	JUIL	AOU	SEP	
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02	07:09	07:52	07:39	08:24	08:44	08:20	07:31	07:27	06:29	05:51	05:52	06:25	07:09	
03	07:10	07:53	07:41	08:25	08:44	08:18	07:29	07:25	06:27	05:50	05:52	06:26	07:10	
04	07:12	07:55	07:43	08:27	08:44	08:17	07:27	07:22	06:26	05:50	05:53	06:28	07:11	
05	07:13	07:56	07:44	08:28	08:44	08:15	07:25	07:20	06:24	05:49	05:54	06:29	07:13	
06	07:15	07:58	07:46	08:29	08:43	08:14	07:23	07:18	06:22	05:49	05:55	06:31	07:14	
07	07:16	07:59	07:47	08:30	08:43	08:12	07:21	07:16	06:21	05:48	05:55	06:32	07:16	
08	07:17	08:01	07:49	08:31	08:43	08:11	07:19	07:14	06:19	05:48	05:56	06:33	07:17	
09	07:19	08:02	07:50	08:32	08:42	08:09	07:17	07:12	06:18	05:48	05:57	06:35	07:18	
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31		07:36		08:44	08:22		07:31		05:52		06:22	07:06		

1ère LIMITE DU CHEMA (Maguen Abraham)

PARIS (75)

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	2017				2018									
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06	09:41	10:01	09:21	09:43	09:58	09:51	09:26	09:46	09:05	08:31	08:36	09:12	09:41	
07	09:42	10:01	09:22	09:44	09:58	09:50	09:25	09:45	09:04	08:30	08:37	09:13	09:42	
08	09:43	10:02	09:22	09:45	09:58	09:50	09:23	09:43	09:02	08:30	08:38	09:14	09:42	
09	09:43	10:03	09:23	09:45	09:58	09:49	09:22	09:42	09:01	08:29	08:39	09:16	09:43	
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11	09:45	10:04	09:25	09:47	09:59	09:48	09:20	09:39	08:59	08:28	08:41	09:18	09:45	
12	09:45	10:04	09:25	09:47	09:59	09:47	09:19	09:38	08:57	08:27	08:42	09:19	09:45	
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23	09:53	10:11	09:34	09:54	09:57	09:37	09:05	09:22	08:44	08:27	08:56	09:29	09:53	
24	09:53	10:12	09:34	09:54	09:57	09:36	09:03	09:21	08:43	08:27	08:57	09:30	09:53	
25	09:54	10:13	09:35	09:54	09:57	09:35	10:02	09:20	08:42	08:27	08:58	09:31	09:54	
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31		09:17		09:57	09:54		09:54		08:36		09:05	09:36		

2d LIMITE DE LA TEPHILA (Hagra)

PARIS (75)

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	2017				2018								
	SEP	OCT	NOV	DEC	JAN	FEV	MAR	AVR	MAI	JUIN	JUIL	AOU	SEP
01	11:35	11:43	10:55	11:14	11:30	11:30	11:13	11:46	11:22	11:09	11:13	11:25	11:35
02	11:36	11:43	10:55	11:14	11:31	11:29	11:12	11:45	11:21	11:09	11:13	11:26	11:36
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31		10:54		11:30	11:30		11:47		11:09		11:25	11:35	

MINHA GUEDOLA

PARIS (75)

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	2017				2018									
	SEP	OCT	NOV	DEC	JAN	FEV	MAR	AVR	MAI	JUIN	JUIL	AOU	SEP	
01	14:25	14:10	13:04	13:10	13:24	13:34	13:33	14:27	14:25	14:29	14:35	14:35	14:25	
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31		13:04		13:24	13:34		14:27		14:29		14:35	14:25		

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PARIS (75)

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	2017				2018									
	SEP	OCT	NOV	DEC	JAN	FEV	MAR	AVR	MAI	JUIN	JUIL	AOU	SEP	
01	19:09	18:17	16:29	16:03	16:13	16:49	17:26	19:01	19:35	20:07	20:17	19:56	19:10	
02	19:08	18:15	16:28	16:03	16:14	16:51	17:27	19:02	19:36	20:08	20:17	19:54	19:08	
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05	19:03	18:10	16:24	16:02	16:17	16:55	17:30	19:06	19:40	20:10	20:17	19:51	19:03	
06	19:01	18:09	16:23	16:02	16:18	16:56	17:32	19:07	19:41	20:11	20:16	19:49	19:01	
07	18:59	18:07	16:22	16:02	16:19	16:57	17:33	19:08	19:42	20:11	20:16	19:48	19:00	
08	18:57	18:05	16:20	16:02	16:20	16:59	17:34	19:09	19:43	20:12	20:15	19:47	18:58	
09	18:56	18:03	16:19	16:02	16:21	17:00	17:35	19:10	19:44	20:12	20:15	19:45	18:56	
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22	18:33	17:43	16:08	16:06	16:36	17:17	17:50	19:25	19:58	20:18	20:06	19:26	18:33	
23	18:31	17:41	16:07	16:06	16:38	17:18	17:51	19:26	19:59	20:18	20:05	19:25	18:31	
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25	18:28	17:38	16:06	16:07	16:40	17:21	18:53	19:28	20:01	20:18	20:03	19:21	18:28	
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27	18:24	17:36	16:05	16:09	16:43	17:23	18:56	19:31	20:03	20:18	20:01	19:18	18:24	
28	18:22	17:34	16:04	16:10	16:44	17:24	18:57	19:32	20:04	20:18	20:00	19:16	18:23	
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31		16:30		16:12	16:48		19:00		20:06		19:57	19:11		

COUCHER DU SOLEIL - CHEKI'A

PARIS (75)

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	2017				2018									
	SEP	OCT	NOV	DEC	JAN	FEV	MAR	AVR	MAI	JUIN	JUIL	AOU	SEP	
01	20:32	19:29	17:30	16:56	17:04	17:48	18:33	20:21	21:05	21:45	21:57	21:29	20:33	
02	20:30	19:27	17:28	16:55	17:05	17:49	18:35	20:22	21:07	21:46	21:57	21:27	20:31	
03	20:28	19:25	17:26	16:55	17:06	17:51	18:37	20:24	21:08	21:47	21:57	21:26	20:29	
04	20:26	19:23	17:25	16:55	17:07	17:53	18:38	20:25	21:10	21:48	21:56	21:24	20:27	
05	20:24	19:21	17:23	16:54	17:08	17:54	18:40	20:27	21:11	21:49	21:56	21:23	20:25	
06	20:22	19:18	17:22	16:54	17:09	17:56	18:41	20:28	21:13	21:50	21:55	21:21	20:22	
07	20:20	19:16	17:20	16:54	17:11	17:57	18:43	20:30	21:14	21:51	21:55	21:20	20:20	
08	20:18	19:14	17:19	16:53	17:12	17:59	18:44	20:31	21:16	21:51	21:54	21:18	20:18	
09	20:16	19:12	17:17	16:53	17:13	18:01	18:46	20:33	21:17	21:52	21:54	21:16	20:16	
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17	19:59	18:56	17:07	16:54	17:24	18:14	18:58	20:45	21:28	21:56	21:47	21:02	19:59	
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19	19:54	18:53	17:05	16:55	17:27	18:17	19:01	20:48	21:30	21:57	21:45	20:58	19:55	
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25	19:42	18:42	17:00	16:58	17:36	18:27	20:10	20:57	21:38	21:58	21:38	20:47	19:42	
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31		17:31		17:03	17:46		20:19		21:44		21:30	20:35		

APPARITION DES ETOILES POUR LE CHEMA

PARIS (75)

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	2017				2018									
	SEP	OCT	NOV	DEC	JAN	FEV	MAR	AVR	MAI	JUIN	JUIL	AOU	SEP	
01	21:19	20:13	18:16	17:47	17:56	18:35	19:18	21:07	21:57	22:45	22:58	22:22	21:19	
02	21:17	20:11	18:15	17:46	17:57	18:37	19:20	21:08	21:58	22:46	22:58	22:21	21:17	
03	21:15	20:09	18:13	17:46	17:58	18:38	19:21	21:10	22:00	22:47	22:58	22:19	21:15	
04	21:12	20:07	18:12	17:46	17:59	18:40	19:23	21:11	22:02	22:48	22:57	22:17	21:13	
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09	21:01	19:57	18:05	17:45	18:04	18:47	19:31	21:20	22:10	22:53	22:53	22:08	21:02	
10	20:59	19:55	18:04	17:45	18:05	18:49	19:32	21:21	22:12	22:54	22:53	22:06	21:00	
11	20:57	19:53	18:03	17:45	18:06	18:51	19:34	21:23	22:14	22:55	22:52	22:04	20:57	
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