

KOMPLEKS FALAK AL-KHAWARIZMI
JABATAN MUFTI NEGERI MELAKA
Data rukyah Hilal : Syawal 1428H / 2007

Latitud: 02° 17' 38"

Longitud : 102° 05' 07"

Elevasi : 38.934m

Tarikh Ijtimak : 11 Oktober 2007

Waktu Ijtimak : 13:01:50

Tarikh Rukyah: 11 Oktober 2007

Parameter hilal ketika ghurub Matahari

	Matahari	Bulan
Terbit	6:55:33	6:43:57
Ghurub	19:01:33	19:01:50

	Hilal	Matahari
Altitud	-00° 23' 48"	-0° 28' 32"
Azimuth	258° 40' 47"	263° 04' 18"
Elongasi	04° 23' 32"	
Umur	5jam 59minit 43saat	

"Best time" 19:01:41

Altitud Hilal -04:43:02

Data-data kedudukan Bulan dan Matahari

Masa	Bulan				Matahari				Elongasi
	Alt	Azi	Dek	RA	Alt	Azi	Dek	RA	
18:00	13:48:09	257:54:57	-11:10:15	13:04:45	14:16:46	262:14:24	-06:56:59	13:05:18	04:13:24
18:15	10:14:33	258:10:38	-11:12:54	13:05:09	10:35:06	262:29:40	-06:57:13	13:05:20	04:15:41
18:30	06:42:05	258:23:16	-11:15:31	13:05:34	06:54:24	262:42:48	-06:57:28	13:05:23	04:18:04
18:31	06:27:59	258:24:01	-11:15:41	13:05:36	06:39:45	262:43:37	-06:57:28	13:05:23	04:18:14
18:32	06:13:55	258:24:44	-11:15:52	13:05:37	06:25:07	262:44:24	-06:57:29	13:05:23	04:18:24
18:33	05:59:51	258:25:27	-11:16:02	13:05:39	06:10:30	262:45:11	-06:57:30	13:05:23	04:18:34
18:34	05:45:48	258:26:09	-11:16:13	13:05:41	05:55:54	262:45:58	-06:57:31	13:05:23	04:18:44
18:35	05:31:47	258:26:51	-11:16:23	13:05:43	05:41:19	262:46:44	-06:57:32	13:05:23	04:18:53
18:36	05:17:46	258:27:31	-11:16:34	13:05:44	05:26:45	262:47:30	-06:57:33	13:05:24	04:19:03
18:37	05:03:47	258:28:11	-11:16:44	13:05:46	05:12:12	262:48:15	-06:57:34	13:05:24	-04:19:13
18:38	04:49:49	258:28:50	-11:16:54	13:05:48	04:57:41	262:49:00	-06:57:35	13:05:24	04:19:23
18:39	04:35:53	258:29:29	-11:17:05	13:05:50	04:43:11	262:49:44	-06:57:36	13:05:24	04:19:33
18:40	04:21:59	258:30:07	-11:17:15	13:05:51	04:28:43	262:50:27	-06:57:37	13:05:24	04:19:43
18:41	04:08:06	258:30:43	-11:17:26	13:05:53	04:14:16	262:51:11	-06:57:38	13:05:24	04:19:54
18:42	03:54:15	258:31:20	-11:17:36	13:05:55	03:59:52	262:51:53	-06:57:39	13:05:24	04:20:04
18:43	03:40:27	258:31:55	-11:17:46	13:05:56	03:45:30	262:52:35	-06:57:40	13:05:25	04:20:14
18:44	03:26:41	258:32:30	-11:17:57	13:05:58	03:31:10	262:53:17	-06:57:41	13:05:25	04:20:24
18:45	03:12:57	258:33:04	-11:18:07	13:06:00	03:16:53	262:53:58	-06:57:42	13:05:25	04:20:34
18:46	02:59:17	258:33:37	-11:18:18	13:06:02	03:02:40	262:54:39	-06:57:43	13:05:25	04:20:45
18:47	02:45:41	258:34:09	-11:18:28	13:06:04	02:48:30	262:55:19	-06:57:43	13:05:25	04:20:55
18:48	02:45:41	258:34:09	-11:18:28	13:06:04	02:48:30	262:55:19	-06:57:43	13:05:25	04:20:55
18:49	02:18:40	258:35:12	-11:18:49	13:06:07	02:20:22	262:56:38	-06:57:45	13:05:26	04:21:16
18:50	02:05:16	258:35:43	-11:18:59	13:06:09	02:06:26	262:57:16	-06:57:46	13:05:26	04:21:26
18:51	01:51:58	258:36:12	-11:19:10	13:06:11	01:52:36	262:57:55	-06:57:47	13:05:26	04:21:36
18:52	01:38:46	258:36:41	-11:19:20	13:06:12	01:38:52	262:58:32	-06:57:48	13:05:26	04:21:47
18:53	01:25:41	258:37:09	-11:19:30	13:06:14	01:25:15	262:59:10	-06:57:49	13:05:26	04:21:57
18:54	01:12:44	258:37:37	-11:19:41	13:06:16	01:11:47	262:59:46	-06:57:50	13:05:26	04:22:08
18:55	00:59:54	258:38:03	-11:19:51	13:06:18	00:58:27	263:00:23	-06:57:51	13:05:26	04:22:19
18:56	00:47:14	258:38:29	-11:20:02	13:06:20	00:45:18	263:00:58	-06:57:52	13:05:27	04:22:29
18:57	00:34:44	258:38:55	-11:20:12	13:06:21	00:32:19	263:01:34	-06:57:53	13:05:27	04:22:40
18:58	00:22:24	258:39:19	-11:20:22	13:06:23	00:19:30	263:02:09	-06:57:54	13:05:27	04:22:51
18:59	00:10:13	258:39:43	-11:20:33	13:06:25	00:06:52	263:02:43	-06:57:55	13:05:27	04:23:01
19:00	-00:01:50	258:40:06	-11:20:43	13:06:27	-00:05:39	263:03:17	-06:57:56	13:05:27	04:23:12
19:01	-00:13:49	258:40:29	-11:20:53	13:06:29	-00:18:06	263:03:50	-06:57:57	13:05:27	04:23:23
19:02	-00:25:49	258:40:50	-11:21:04	13:06:30	-00:30:39	263:04:23	-06:57:58	13:05:28	04:23:34
19:03	-00:37:59	258:41:11	-11:21:14	13:06:32	-00:43:28	253:04:56	-06:57:59	13:05:28	04:23:45
19:04	-00:50:33	258:41:32	-11:21:24	13:06:34	-00:56:50	263:05:28	-06:57:59	13:05:28	04:23:55
19:05	-01:03:49	258:41:51	-11:21:35	13:06:36	-01:11:07	263:05:59	-06:58:00	13:05:28	04:24:06
19:06	-01:18:03	258:42:10	-11:21:45	13:06:38	-01:26:37	263:06:31	-06:58:01	13:05:28	04:24:17
19:07	-01:33:31	258:42:28	-11:21:56	13:06:40	-01:43:32	263:07:01	-06:58:02	13:05:28	04:24:28
19:08	-01:50:18	258:42:46	-11:22:06	13:06:42	-02:01:50	263:07:31	-06:58:03	13:05:28	04:24:40

19:09	-02:08:18	258:43:02	-11:22:16	13:06:43	-02:21:13	263:08:01	-06:58:04	13:05:29	04:24:51
19:10	-02:27:09	258:43:18	-11:22:27	13:06:45	-02:41:12	263:08:30	-06:58:05	13:05:29	04:25:02
19:11	-02:46:24	258:43:34	-11:22:37	13:06:47	-03:01:16	263:08:59	-06:58:06	13:05:29	04:25:13
19:12	-03:05:38	258:43:48	-11:22:47	13:06:49	-03:21:01	263:09:28	-06:58:07	13:05:29	04:25:24
19:13	-03:24:29	258:44:02	-11:22:58	13:06:51	-03:40:12	263:09:56	-06:58:08	13:05:29	04:25:36
19:14	-03:42:48	258:44:15	-11:23:08	13:06:53	-03:58:44	263:10:23	-06:58:09	13:05:29	04:25:47
19:15	-04:00:31	258:44:28	-11:23:18	13:06:55	-04:16:37	263:10:50	-06:58:10	13:05:30	04:25:58

Rumusan

Ketika ghurub matahari pada 19:01, hilal hanya berumur 5jam 59minit 43saat dan altitudnya $-00^{\circ} 23' 48''$ di bawah ufuk dan elongasi $04^{\circ} 23' 32''$. Hilal tidak memenuhi kriteria Imkanurukyah.

Keputusan

	Mata	Binokular	Teleskop	tedeolite
Kelihatan				
Tak Kelihatan				

Waktu mula kelihatan		Lama kelihatan	

Data Tambahan Ketika Matahari Ghurub

Waktu Sebenar Matahari Ghurub	
Keadaan Ufuk	Jernih/berwap/berawan/berkabus
Keadaan Awan	Cuaca baik/Mendung/Hujan/Ribut petir
Suhu \odot	
Kelembapan (%)	
Tekanan Udara	
Kelajuan Angin	
Peralatan	

Data disediakan oleh:

Data disemak oleh:

Tandatangan pencerap,
