

**KOMPLEKS FALAK AL- KHAWARIZMI
JABATAN MUFTI NEGERI MELAKA
Data rukyah Hilal :Zulkaedah 1427H**

Latitud : 02° 17' 39"
Longitud : 102° 05' 06"
Elevasi : 38.934m
Tarikh Ijtimak : 21 November 2006
Waktu Ijtimak : 06:19:01

Tarikh Rukyah : 21 November 2006

Parameter hilal ketika ghurub Matahari

	Matahari	Bulan
Terbit	6:56:16	6:57:58
Ghurub	18:58:35	19:15:51

	Hilal	Matahari
Altitud	3° 04' 16"	-0 °18' 08"
Azimuth	243° 52' 56"	250° 05' 08"
Elongasi	7° 14' 46"	
Umur	0h 12j 40m	

"Best time" 19:15:28 Altitud Hilal -0° 19' 58"

Data-data kedudukan Bulan dan Matahari

Masa	Bulan				Matahari				Elongasi
	Alt	Azi	Dek	RA	Alt	Azi	Dek	RA	
18:00	15:25:46	242:18:36	-25:55:19	16:02:42	12:44:59	248:59:18	-19:55:29	15:46:52	07:00:55
18:10	13:17:19	242:42:20	-25:55:29	16:03:01	10:25:49	249:16:04	-19:55:35	15:46:54	07:03:08
18:15	12:13:03	242:51:38	-25:55:33	16:03:11	09:16:17	249:23:33	-19:55:38	15:46:55	07:04:16
18:16	12:00:11	242:53:47	-25:55:34	16:03:13	09:02:23	249:24:59	-19:55:38	15:46:55	07:04:29
18:17	11:47:20	242:55:34	-25:55:35	16:03:15	08:48:29	249:26:24	-19:55:39	15:46:55	07:04:43
18:18	11:34:28	242:57:29	-25:55:36	16:03:17	08:34:36	249:27:47	-19:55:39	15:46:56	07:04:57
18:19	11:21:37	242:59:23	-25:55:37	16:03:19	08:20:42	249:29:08	-19:55:40	15:46:56	07:05:11
18:20	11:08:45	243:01:15	-25:55:38	16:03:21	08:06:49	249:30:29	-19:55:40	15:46:56	07:05:25
18:21	10:55:54	243:03:05	-25:55:38	16:03:23	07:52:57	249:31:47	-19:55:41	15:46:56	07:05:39
18:22	10:43:02	243:04:54	-25:55:39	16:03:25	07:39:05	249:33:05	-19:55:41	15:46:56	07:05:52
18:23	10:30:11	243:06:41	-25:55:40	16:03:27	07:25:13	249:34:21	-19:55:42	15:46:56	07:06:07
18:24	10:17:19	243:08:27	-25:55:41	16:03:29	07:11:22	249:35:36	-19:55:42	15:46:57	07:06:21
18:25	10:04:28	243:10:11	-25:55:42	16:03:31	06:57:31	249:36:50	-19:55:43	15:46:57	07:06:35
18:26	09:51:37	243:11:53	-25:55:43	16:03:34	06:43:40	249:38:02	-19:55:43	15:46:57	07:06:49
18:27	09:38:46	243:13:34	-25:55:43	16:03:36	06:29:51	249:39:13	-19:55:44	15:46:57	07:07:03
18:28	09:25:55	243:15:13	-25:55:44	16:03:38	06:16:02	249:40:22	-19:55:45	15:46:57	07:07:17
18:29	09:13:04	243:16:51	-25:55:45	16:03:40	06:02:13	249:41:31	-19:55:45	15:46:57	07:07:32
18:30	09:00:14	243:18:27	-25:55:46	16:03:42	05:48:26	249:42:37	-19:55:46	15:46:58	07:07:46
18:31	08:47:23	243:20:01	-25:55:46	16:03:44	05:34:39	249:43:43	-19:55:46	15:46:58	07:08:00
18:32	08:34:33	243:21:34	-25:55:47	16:03:46	05:20:53	249:44:47	-19:55:47	15:46:58	07:08:15
18:33	08:21:43	243:23:05	-25:55:48	16:03:48	05:07:09	249:45:50	-19:55:47	15:46:58	07:08:29
18:34	08:08:53	243:24:35	-25:55:49	16:03:50	04:53:25	249:46:52	-19:55:48	15:46:58	07:08:44
18:35	07:56:04	243:26:03	-25:55:49	16:03:52	04:39:43	249:47:52	-19:55:48	15:46:58	07:08:58
18:36	07:43:14	243:27:30	-25:55:50	16:03:54	04:26:03	249:48:51	-19:55:49	15:46:59	07:09:13
18:37	07:30:26	243:28:55	-25:55:51	16:03:56	04:12:24	249:49:49	-19:55:49	15:46:59	07:09:27
18:38	07:17:37	243:30:19	-25:55:52	16:03:59	03:58:46	249:50:46	-19:55:50	15:46:59	07:09:42
18:39	07:04:49	243:31:41	-25:55:52	16:04:01	03:45:11	249:51:41	-19:55:50	15:46:59	07:09:57
18:40	06:52:01	243:33:02	-25:55:53	16:04:03	03:31:38	249:52:35	-19:55:51	15:46:59	07:10:12
18:41	06:39:14	243:34:21	-25:55:54	16:04:05	03:18:07	249:53:28	-19:55:52	15:47:00	07:10:27
18:42	06:26:28	243:35:38	-25:55:54	16:04:07	03:04:39	249:54:19	-19:55:52	15:47:00	07:10:41
18:43	06:13:42	243:36:54	-25:55:55	16:04:09	02:51:15	249:55:09	-19:55:53	15:47:00	07:10:56
18:44	06:00:56	243:38:09	-25:55:56	16:04:11	02:37:53	249:55:58	-19:55:53	15:47:00	07:11:11
18:45	05:48:11	243:39:22	-25:55:56	16:04:13	02:24:36	249:56:45	-19:55:54	15:47:00	07:11:26
18:46	05:35:28	243:40:33	-25:55:57	16:04:16	02:11:23	249:57:32	-19:55:54	15:47:00	07:11:42
18:47	05:22:44	243:41:43	-25:55:58	16:04:18	01:58:15	249:58:17	-19:55:55	15:47:01	07:11:57
18:48	05:10:02	243:42:52	-25:55:58	16:04:20	01:45:13	249:59:00	-19:55:55	15:47:01	07:12:12
18:49	04:57:21	243:43:59	-25:55:59	16:04:22	01:32:16	249:59:43	-19:55:56	15:47:01	07:12:27
18:50	04:44:41	243:45:05	-25:56:00	16:04:24	01:19:27	250:00:24	-19:55:56	15:47:01	07:12:42
18:51	04:32:02	243:46:09	-25:56:00	16:04:26	01:06:45	250:01:04	-19:55:57	15:47:01	07:12:58
18:52	04:19:25	243:47:11	-25:56:01	16:04:29	00:54:12	250:01:43	-19:55:57	15:47:01	07:13:13
18:53	04:06:48	243:48:12	-25:56:01	16:04:31	00:41:47	250:02:20	-19:55:58	15:47:02	07:13:28
18:54	03:54:14	243:49:12	-25:56:02	16:04:33	00:29:32	250:02:56	-19:55:59	15:47:02	07:13:44
18:55	03:41:41	243:50:10	-25:56:03	16:04:35	00:17:27	250:03:31	-19:55:59	15:47:02	07:13:59
18:56	03:29:11	243:51:07	-25:56:03	16:04:37	00:05:30	250:04:05	-19:56:00	15:47:02	07:14:15

Data-data kedudukan Bulan dan Matahari

Masa	Bulan				Matahari			Elongasi	
	Alt	Azi	Dek	RA	Alt	Dek	RA		
18:57	03:16:42	243:52:02	-25:56:04	16:04:39	-00:06:21	250:04:37	-19:56:00	15:47:02	07:14:31
18:58	03:04:16	243:52:56	-25:56:04	16:04:42	-00:18:08	250:05:08	-19:56:01	15:47:02	07:14:46
18:59	02:51:53	243:53:49	-25:56:05	16:04:44	-00:30:00	250:05:38	-19:56:01	15:47:03	07:15:02
19:00	02:39:32	243:54:39	-25:56:06	16:04:46	-00:42:06	250:06:07	-19:56:02	15:47:03	07:15:18
19:01	02:27:15	243:55:29	-25:56:06	16:04:48	-00:54:41	250:06:34	-19:56:02	15:47:03	07:15:34
19:02	02:15:01	243:56:17	-25:56:07	16:04:51	-01:08:01	250:07:00	-19:56:03	15:47:03	07:15:50
19:03	02:02:52	243:57:03	-25:56:07	16:04:53	-01:22:24	250:07:25	-19:56:03	15:47:03	07:16:06
19:04	01:50:47	243:57:48	-25:56:08	16:04:55	-01:38:01	250:07:49	-19:56:04	15:47:04	07:16:22
19:05	01:38:48	243:58:32	-25:56:08	16:04:57	-01:54:55	250:08:11	-19:56:04	15:47:07	07:16:38
19:06	01:26:53	243:59:14	-25:56:09	16:04:59	-02:12:55	250:08:32	-19:56:05	15:47:04	07:16:54
19:07	01:15:05	243:59:55	-25:56:10	16:05:02	-02:31:39	250:08:52	-19:56:05	15:47:04	07:17:10
19:08	01:03:24	244:00:34	-25:56:10	16:05:04	-02:50:41	250:09:11	-19:56:06	15:47:04	07:17:26
19:09	00:51:50	244:01:12	-25:56:11	16:05:06	-03:09:35	250:09:28	-19:56:07	15:47:04	07:17:42
19:10	00:40:24	244:01:49	-25:56:11	16:05:08	-03:28:06	250:09:44	-19:56:07	15:47:05	07:17:59
19:11	00:29:06	244:02:24	-25:56:12	16:05:11	-03:46:04	250:09:59	-19:56:08	15:47:05	07:18:15
19:12	00:17:57	244:02:57	-25:56:12	16:05:13	-04:03:26	250:10:12	-19:56:08	15:47:05	07:18:31
19:13	00:06:54	244:03:29	-25:56:13	16:05:15	-04:20:15	250:10:25	-19:56:09	15:47:05	07:18:48
19:14	-00:04:02	244:04:00	-25:56:13	16:05:17	-04:36:34	250:10:36	-19:56:09	15:47:05	07:19:04
19:15	-00:14:56	244:04:29	-25:56:14	16:05:20	-04:52:35	250:10:46	-19:56:10	15:47:05	07:19:21
19:16	-00:25:51	244:04:57	-25:56:14	16:05:22	-05:07:43	250:10:54	-19:56:10	15:47:06	07:19:38
19:17	-00:36:54	244:05:23	-25:56:15	16:05:24	-05:21:49	250:11:02	-19:56:11	15:47:06	07:19:54
19:18	-0:48:17	244:05:48	-25:56:15	16:05:27	-05:35:55	250:11:08	-19:56:11	15:47:06	07:20:11

Rumusan

Ketika ghurub matahari pada 18:58:35 ptg umur hilal 0h 12j 40m dan altitudnya 3° 04' 16" di atas ufuk dan Elongasi hilal ialah 7° 14' 46". Hilal memenuhi kriteria imkanurukyah

Keputusan

keputusan /model	Mata	Binokular	Teleskop
Kelihatan			
Tak Kelihatan			

waktu mula kelihatan	lama kelihatan

Data tambahan ketika matahari ghurub

Waktu sebenar matahari Ghurub	
Keadaan ufuk	
Keadaan cuaca	
Suhu (°C)	
Kelembapan (%)	
Tekanan udara	
Kelajuan angin	
Peralatan	

Data disediakan oleh

Data disemak oleh

Tandatangan pencerap
