

KOMPLEKS AL-KHAWARIZMI
JABATAN MUFTI NEGERI MELAKA
Data rukyah Hilal : Rabiul Awwal 1429H / 2008

Latitud: 02° 17' 38"

Longitud : 102° 05' 07"

Elevasi : 38.934m

Tarikh Ijtimak : 08 Mac 2008

Waktu Ijtimak : 01:15:14

Tarikh Rukyah: 08 Mac 2008

Parameter hilal ketika ghurub Matahari

	Matahari	Bulan
Terbit	7:19:07	7:31:53
Ghurub	19:25:48	19:56:16

	Hilal	Matahari
Altitud	06° 27' 12"	-0° 25' 07"
Azimuth	271° 28' 11"	265° 23' 55"
Elongasi	09° 32' 15"	
Umur	18j 10m 34s	

"Best time" 19:41:43

Altitud Hilal 02:43:08

Data-data kedudukan Bulan dan Matahari

Masa	Bulan				Matahari				Elongasi
	Alt	Azi	Dek	RA	Alt	Azi	Dek	RA	
18:00	27:11:05	270:18:43	01:19:09	23:42:45	20:21:10	264:10:31	-04:39:42	23:16:38	08:51:02
18:15	23:32:23	270:31:17	01:23:17	23:43:10	16:38:01	264:27:10	-04:39:27	23:16:40	08:57:51
18:20	22:19:33	270:35:23	01:24:40	23:43:19	15:23:40	264:32:18	-04:39:23	23:16:41	09:00:10
18:25	21:06:45	270:39:28	01:26:03	23:43:27	14:09:21	264:37:14	-04:39:18	23:16:42	09:02:29
18:30	19:54:00	270:43:30	01:27:25	23:43:36	12:55:05	264:41:59	-04:39:13	23:16:43	09:04:50
18:31	19:39:27	270:44:19	01:27:41	23:43:38	12:40:14	264:42:54	-04:39:12	23:16:43	09:05:18
18:32	19:24:55	270:45:07	01:27:58	23:43:40	12:25:23	264:43:50	-04:39:11	23:16:43	09:05:46
18:33	19:10:22	270:45:55	01:28:14	23:43:41	12:10:32	264:44:44	-04:39:10	23:43:41	09:06:15
18:34	18:55:50	270:46:44	01:28:31	23:43:43	11:55:42	264:45:39	-04:39:09	23:16:43	09:06:43
18:35	18:41:17	270:47:32	01:28:47	23:43:45	11:40:52	264:46:32	-04:39:08	23:16:43	09:07:11
18:36	18:26:45	270:48:20	01:29:04	23:43:47	11:26:01	264:47:26	-04:39:07	23:16:43	09:07:40
18:37	18:12:13	270:49:08	01:29:20	23:43:48	11:11:11	264:48:19	-04:39:06	23:16:44	09:08:08
18:38	17:57:41	270:49:56	01:29:37	23:43:50	10:56:22	264:49:12	-04:39:05	23:16:44	09:08:37
18:39	17:43:10	270:50:44	01:29:53	23:43:52	10:41:32	264:50:04	-04:39:04	23:16:44	09:09:06
18:40	17:28:38	270:51:32	01:30:10	23:43:54	10:26:43	264:50:56	-04:39:03	23:16:44	09:09:34
18:41	17:14:07	270:52:20	01:30:26	23:43:56	10:11:54	264:51:47	-04:39:02	23:16:44	09:10:03
18:42	16:59:35	270:53:08	01:30:42	23:43:57	09:57:05	264:52:38	-04:39:01	23:16:44	09:10:32
18:43	16:45:04	270:53:56	01:30:59	23:43:59	09:42:17	264:53:29	-04:39:00	23:16:45	09:11:01
18:44	16:30:33	270:54:44	01:31:15	23:44:01	09:27:28	264:54:19	-04:38:59	23:16:45	09:11:29
18:45	16:16:02	270:55:32	01:31:32	23:44:03	09:12:41	264:55:09	-04:38:58	23:16:45	09:11:58
18:46	16:01:31	270:56:20	01:31:48	23:44:05	08:57:53	264:55:58	-04:38:57	23:16:45	09:12:27
18:47	15:47:00	270:57:08	01:32:05	23:44:06	08:43:06	264:56:47	-04:38:56	23:16:45	09:12:56
18:48	15:32:30	270:57:55	01:32:21	23:44:08	08:28:19	264:57:36	-04:38:55	23:16:45	09:13:25
18:49	15:18:00	270:58:43	01:32:38	23:44:10	08:13:33	264:58:24	-04:38:54	23:16:45	09:13:54
18:50	15:03:29	270:59:31	01:32:54	23:44:12	07:58:47	264:59:12	-04:38:53	23:16:46	09:14:23
18:51	14:48:59	271:00:19	01:33:10	23:44:14	07:44:02	265:00:00	-04:38:52	23:16:46	09:14:52
18:52	14:34:29	271:01:07	01:33:27	23:44:16	07:19:17	265:00:47	-04:38:51	23:16:46	09:15:22
18:53	14:20:00	271:01:54	01:33:43	23:44:18	07:14:33	265:01:34	-04:38:50	23:16:46	09:15:51
18:54	14:05:30	271:02:42	01:34:00	23:44:19	06:59:50	265:02:20	-04:38:49	23:16:46	09:16:20
18:55	13:51:01	271:03:30	01:34:16	23:44:21	06:45:07	265:03:06	-04:38:48	23:16:46	09:16:49
18:56	13:36:32	271:04:18	01:34:32	23:44:23	06:30:25	265:03:52	-04:38:47	23:16:47	09:17:19
18:57	13:22:03	271:05:05	01:34:49	23:44:25	06:15:44	265:04:37	-04:38:46	23:16:47	09:17:48
18:58	13:07:34	271:05:53	01:35:05	23:44:27	06:01:04	265:05:22	-04:38:45	23:16:47	09:18:18
18:59	12:53:06	271:06:41	01:35:22	23:44:29	05:46:25	265:06:07	-04:38:44	23:16:47	09:18:47
19:00	12:38:37	271:07:29	01:35:38	23:44:31	05:31:47	265:06:51	-04:38:43	23:16:47	09:19:17
19:01	12:24:09	271:08:17	01:35:54	23:44:32	05:17:10	265:07:35	-04:38:42	23:16:47	09:19:46
19:02	12:09:41	271:09:04	01:36:11	23:44:34	05:02:34	265:08:18	-04:38:41	23:16:47	09:20:16
19:03	11:55:14	271:09:52	01:36:27	23:44:36	04:48:00	265:09:02	-04:38:40	23:16:48	09:20:46
19:04	11:40:46	271:10:40	01:36:44	23:44:38	04:33:28	265:09:44	-04:38:39	23:16:48	09:21:15
19:05	11:26:19	271:11:28	01:37:00	23:44:40	04:18:57	265:10:27	-04:38:38	23:16:48	09:21:45

Masa	Bulan				Matahari				Elongasi
	Alt	Azi	Dek	RA	Alt	Azi	Dek	RA	
19:06	11:11:52	271:12:16	01:37:16	23:44:42	04:04:28	265:11:09	-04:38:37	23:16:48	02:51:17
19:07	10:57:26	271:13:04	01:37:33	23:44:44	03:50:02	265:11:51	-04:38:37	23:16:48	09:22:45
19:08	10:43:00	271:13:52	01:37:49	23:44:46	03:35:38	265:12:32	-04:38:36	23:16:48	09:23:15
19:09	10:28:34	271:14:40	01:38:35	23:16:49	03:21:17	265:13:14	-04:38:35	23:16:49	09:23:45
19:10	10:14:08	271:15:27	01:38:22	23:44:50	03:06:58	265:13:54	-04:38:34	23:16:49	09:24:15
19:11	09:59:43	271:16:15	01:38:38	23:44:52	02:52:44	265:14:35	-04:38:33	23:16:49	09:24:45
19:12	09:45:18	271:17:04	01:38:55	23:44:53	02:38:33	265:15:15	-04:38:32	23:16:49	09:25:15
19:13	09:30:53	271:17:52	01:39:11	23:44:55	02:2:27	265:15:55	-04:38:31	23:16:49	09:25:45
19:14	09:16:29	271:18:40	01:39:27	23:44:57	02:10:26	265:16:34	-04:38:30	23:16:49	09:26:15
19:15	09:02:06	271:19:28	01:39:44	23:44:59	01:56:30	265:17:13	-04:38:29	23:16:49	09:26:46
19:16	08:47:42	271:20:16	01:40:00	23:45:01	01:42:41	265:17:52	-04:38:28	23:16:50	09:27:16
19:17	08:33:19	271:21:04	01:40:16	23:45:03	01:28:59	265:18:31	-04:38:27	23:16:50	09:27:46
19:18	08:18:57	271:21:53	01:40:33	23:45:05	01:15:25	265:19:09	-04:38:26	23:16:50	09:28:17
19:19	08:04:35	271:22:41	01:40:49	23:45:07	01:02:00	265:19:47	-04:38:25	23:16:50	09:28:47
19:20	07:50:14	271:23:29	01:41:05	23:45:09	00:48:44	265:20:24	-04:38:24	23:16:50	09:29:18
19:21	07:35:53	271:24:18	01:41:22	23:45:11	00:35:39	265:21:01	-04:38:23	23:16:50	09:29:48
19:22	07:21:33	271:25:06	01:41:38	23:45:13	00:22:45	265:21:38	-04:38:22	23:16:51	09:30:19
19:23	07:07:14	271:25:55	01:41:54	23:45:15	00:10:01	265:22:15	-04:38:21	23:16:51	09:30:49
19:24	06:52:55	271:26:43	01:42:11	23:45:17	-00:02:34	265:22:51	-04:38:20	23:16:51	09:31:20
19:25	06:38:38	271:27:32	01:42:27	23:45:19	-00:15:05	265:23:27	-04:38:19	23:16:51	09:31:51
19:26	06:24:21	271:28:20	01:42:43	23:45:21	-00:27:38	265:24:03	-04:38:18	23:16:51	09:32:22
19:27	06:10:05	271:29:09	01:43:00	23:45:23	-00:40:25	265:24:38	-04:38:17	23:16:51	09:32:52
19:28	05:55:49	271:29:58	01:43:16	23:45:25	-00:53:41	265:25:13	-04:38:16	23:16:51	09:33:23
19:29	05:41:35	271:30:47	01:43:32	23:45:27	-01:07:47	265:25:48	-04:38:15	23:16:52	09:33:54
19:30	05:27:23	271:31:36	01:43:49	23:45:29	-01:23:02	265:26:22	-04:38:14	23:16:52	09:34:25
19:31	05:13:11	271:32:25	01:44:05	23:45:31	-01:39:42	265:26:56	-04:38:13	23:16:52	09:34:56
19:32	04:59:01	271:33:14	01:44:21	23:45:33	-01:57:48	265:27:30	-04:38:12	23:16:52	09:35:27
19:33	04:44:52	271:34:03	01:44:38	23:45:35	-02:17:04	265:28:03	-04:38:11	23:16:52	09:35:58
19:34	04:30:45	271:34:52	01:44:54	23:45:37	-02:37:03	265:28:37	-04:38:10	23:16:52	09:36:29
19:35	04:16:40	271:35:42	01:45:10	23:45:39	-02:57:13	265:29:09	-04:38:09	23:16:53	09:37:01
19:36	04:02:36	271:36:31	01:45:27	23:45:41	-03:17:08	265:29:42	-04:38:08	23:16:53	09:37:32
19:37	03:48:35	271:37:20	01:45:43	23:45:43	-03:36:31	265:30:14	-04:38:07	23:16:53	09:38:03
19:38	03:34:37	271:38:10	01:45:59	23:45:45	-03:55:15	265:30:46	-04:38:06	23:16:53	09:38:34
19:39	03:20:41	271:39:00	01:46:15	23:45:47	-04:13:20	265:31:18	-04:38:05	23:16:53	09:39:06
19:40	03:06:48	271:39:49	01:46:32	23:45:49	-04:30:49	265:31:49	-04:38:04	23:16:53	09:39:37
19:41	02:52:58	271:40:39	01:46:48	23:45:51	-04:47:52	265:32:20	-04:38:03	23:16:53	09:40:09
19:42	02:39:13	271:41:29	01:47:04	23:45:53	-05:04:24	265:32:51	-04:38:02	23:16:54	09:40:40
19:43	02:25:31	271:42:19	01:47:21	23:45:55	-05:19:21	265:33:22	-04:38:01	23:16:54	09:41:12
19:44	02:11:54	271:43:09	01:47:37	23:45:58	-05:34:18	265:33:52	-04:38:00	23:16:54	09:41:43
19:45	01:58:23	271:43:59	01:47:53	23:46:00	-05:49:15	265:34:22	-04:37:59	23:16:54	09:42:15
19:46	01:44:58	271:44:49	01:48:09	23:46:02	-06:04:11	265:34:51	-04:37:58	23:16:54	09:42:47
19:47	01:31:39	271:45:40	01:48:26	23:46:04	-06:19:08	265:35:21	-04:37:57	23:16:54	09:43:19
19:48	01:18:27	271:46:30	01:48:42	23:46:06	-06:34:05	265:35:50	-04:37:56	23:16:55	09:43:50
19:49	01:05:24	271:47:21	01:48:58	23:46:08	-06:49:01	265:36:19	-04:37:55	23:16:55	09:44:22
19:50	00:52:31	271:48:12	01:49:15	23:46:10	-07:03:58	265:36:47	-04:37:54	23:16:55	09:44:54
19:51	00:39:46	271:49:02	01:49:31	23:46:12	-07:18:55	265:37:15	-04:37:53	23:16:55	09:45:26
19:52	00:27:12	271:49:53	01:49:47	23:46:14	-07:33:52	265:37:43	-04:37:52	23:16:55	09:45:58
19:53	00:14:48	271:50:44	01:50:03	23:46:16	-07:48:49	265:38:11	-04:37:51	23:16:55	09:46:30
19:54	00:02:33	271:51:35	01:50:20	23:46:18	-08:03:45	265:38:38	-04:37:50	23:16:55	09:47:02
19:55	-00:09:36	271:52:27	01:50:36	23:46:21	-08:18:42	265:39:05	-04:37:49	23:16:56	09:47:34
19:56	-00:21:44	271:53:18	01:50:52	23:46:23	-08:33:39	265:39:32	-04:37:48	23:16:56	09:48:07
19:57	-00:33:59	271:54:09	01:51:08	23:46:25	-08:48:36	265:39:58	-04:37:47	23:16:56	09:48:39

Rumusan

Ketika ghurub matahari pada 19:25 umur hilal 18jam 10 menit 34 saat, altitudnya $06^{\circ} 27' 12''$ di atas ufuk dan elongasi $09^{\circ} 32' 55''$.
Hilal telah 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,
