

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

Latitud: 02° 17' 38" U

Longitud : 102° 05' 07" T

Elevasi : 38.934m

Tarikh Ijtimak : 31 Ogos 2008

Waktu Ijtimak : 03:59:10

Tarikh Rukyah: 31 Ogos 2008/ 29 Saaban 1429H

Parameter hilal ketika ghurub Matahari

	Matahari	Bulan
Terbit	7:06:27	7:14:19
Ghurub	19:17:23	19:39:20

	Hilal	Matahari
Altitud	04° 27' 18"	-0° 24' 55"
Azimuth	272° 53' 23"	278° 27' 50"
Elongasi	07° 42' 04"	
Umur	15j 18m 13s	

"Best time" 19:27:08

Altitud Hilal 00:48:10

Data-data kedudukan Bulan dan Matahari

Masa	Bulan				Matahari				Elongasi
	Alt	Azi	Dek	RA	Alt	Azi	Dek	RA	
18:00	23:07:13	272:43:36	03:24:09	11:00:08	18:09:00	278:07:42	08:26:01	10:40:00	07:05:46
18:15	19:28:35	272:43:52	03:20:02	11:00:33	14:27:08	278:07:10	08:25:47	10:40:03	07:12:28
18:20	18:15:47	272:44:09	03:18:40	11:00:41	13:13:15	278:07:29	08:25:43	10:40:03	07:14:44
18:25	17:03:02	272:44:31	03:17:18	11:00:50	11:59:27	278:08:02	08:25:38	10:40:04	07:17:02
18:30	15:50:20	272:44:59	03:15:56	11:00:58	10:45:43	278:08:49	08:25:34	10:40:05	07:19:20
18:31	15:35:48	272:45:05	03:15:40	11:01:00	10:30:59	278:09:00	08:25:33	10:40:05	07:19:48
18:32	15:21:16	272:45:11	03:15:23	11:01:02	10:16:15	278:09:12	08:25:32	10:40:05	07:20:15
18:33	15:06:44	272:45:18	03:15:07	11:01:04	10:01:31	278:09:24	08:25:31	10:40:05	07:20:43
18:34	14:52:13	272:45:25	03:14:51	11:01:05	09:46:48	278:09:37	08:25:30	10:40:05	07:21:11
18:35	14:37:41	272:45:31	03:14:34	11:01:07	09:32:05	278:09:51	08:25:29	10:40:06	07:21:39
18:36	14:23:10	272:45:39	03:14:18	11:01:09	09:17:23	278:10:05	08:25:28	10:40:06	07:22:07
18:37	14:08:39	272:45:46	03:14:01	11:01:11	09:02:41	278:10:19	08:25:27	10:40:06	07:22:35
18:38	13:54:08	272:45:53	03:13:45	11:01:12	08:47:59	278:10:34	08:25:26	10:40:06	07:23:03
18:39	13:39:38	272:46:01	03:13:29	11:01:14	08:33:18	278:10:50	08:25:25	10:40:06	07:23:31
18:40	13:25:07	272:46:09	03:13:12	11:01:16	08:18:37	278:11:06	08:25:24	10:40:06	07:24:00
18:41	13:10:37	272:46:17	03:12:56	11:01:18	08:03:56	278:11:23	08:25:24	10:40:06	07:24:28
18:42	12:56:07	272:46:26	03:12:39	11:01:20	07:49:16	278:11:40	08:25:23	10:40:07	07:24:56
18:43	12:41:37	272:46:34	03:12:23	11:01:21	07:34:37	287:11:58	08:25:22	10:40:07	07:25:24
18:44	12:27:07	272:46:43	03:12:07	11:01:23	07:19:58	278:12:16	08:25:21	10:40:07	07:25:53
18:45	12:12:38	272:46:52	03:11:50	11:01:25	07:05:20	278:12:35	08:25:20	10:40:07	07:26:21
18:46	11:58:08	272:47:01	03:11:34	11:01:27	06:50:43	278:12:55	08:25:19	10:40:07	07:26:49
18:47	11:43:39	272:47:10	03:11:18	11:01:29	06:36:07	278:13:15	08:25:18	10:40:07	07:27:18
18:48	11:29:11	272:47:20	03:11:01	11:01:30	06:21:31	278:13:36	08:25:17	10:40:07	07:27:46
18:49	11:14:42	272:47:29	03:10:45	11:01:32	06:06:56	278:13:57	08:25:16	10:40:08	07:28:15
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18:51	10:45:46	272:47:49	03:10:12	11:01:36	05:37:49	278:14:41	08:25:14	10:40:08	07:29:12
18:52	10:31:18	272:47:59	03:09:56	11:01:38	05:23:18	278:15:04	08:25:14	10:40:08	07:29:41
18:53	10:16:51	272:48:10	03:09:39	11:01:39	05:08:47	278:15:27	08:25:13	10:40:08	07:30:10
18:54	10:02:24	272:48:21	03:09:23	11:01:41	04:54:18	278:15:51	08:25:12	10:40:08	07:30:38
18:55	09:47:57	272:48:31	03:09:07	11:01:43	04:39:51	278:16:16	08:25:11	10:40:09	07:31:07
18:56	09:33:31	272:48:42	03:08:50	11:01:45	04:25:26	278:16:41	08:25:10	10:40:09	07:31:36
18:57	09:19:05	272:48:54	03:08:34	11:01:47	04:11:02	278:17:06	08:25:09	10:40:09	07:32:05
18:58	09:04:40	272:49:05	03:08:17	11:01:49	03:56:40	278:17:32	08:25:08	10:40:09	07:32:34
18:59	08:50:15	272:49:17	03:08:01	11:01:51	03:42:21	278:17:59	08:25:07	10:40:09	07:33:03
19:00	08:35:50	272:49:28	03:07:45	11:01:52	03:28:04	278:18:26	08:25:06	10:40:09	07:33:32
19:01	08:21:26	272:49:40	03:07:28	11:01:54	03:13:51	278:18:54	08:25:05	10:40:09	07:34:01
19:02	08:07:02	272:49:53	03:07:12	11:01:56	02:59:40	278:19:22	08:25:04	10:40:10	07:34:30
19:03	07:52:39	272:50:05	03:06:56	11:01:58	02:45:34	278:19:51	08:25:04	10:40:10	07:34:59
19:04	07:38:17	272:50:18	03:06:39	11:02:00	02:31:31	278:20:21	08:25:03	10:40:10	07:35:28
19:05	07:23:55	272:50:30	03:06:23	11:02:02	02:17:33	278:20:51	08:25:02	10:40:10	07:35:58

Masa	Bulan				Matahari				Elongasi
	Alt	Azi	Dek	RA	Alt	Azi	Dek	RA	
19:06	07:09:34	272:50:43	03:06:07	11:02:04	02:03:40	278:21:22	08:25:01	10:40:10	07:36:27
19:07	06:55:13	272:50:56	03:05:50	11:02:06	01:49:54	278:21:53	08:25:00	10:40:10	07:36:56
19:08	06:40:54	272:51:10	03:05:34	11:02:07	01:36:14	278:22:25	08:24:59	10:40:11	07:37:26
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19:13	05:29:29	272:52:19	03:04:12	11:02:17	00:30:03	278:25:12	08:24:54	10:40:11	07:39:53
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19:16	04:46:52	272:53:03	03:03:23	11:02:23	-00:07:43	278:26:59	08:24:52	10:40:12	07:41:22
19:17	04:32:43	272:53:18	03:03:07	11:02:25	-00:20:08	278:27:36	08:24:51	10:40:12	07:41:52
19:18	04:18:35	272:53:33	03:02:51	11:02:27	-00:32:39	278:28:13	08:24:50	10:40:12	07:42:22
19:19	04:04:30	272:53:48	03:02:34	11:02:28	-00:45:29	278:28:51	08:24:49	10:40:12	07:42:52
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19:21	03:36:26	272:54:20	03:02:02	11:02:32	-01:13:19	278:30:09	08:24:47	10:40:12	07:43:52
19:22	03:22:28	272:54:35	03:01:45	11:02:34	-01:28:57	278:30:48	08:24:46	10:40:13	07:44:22
19:23	03:08:33	272:54:52	03:01:29	11:02:36	-01:46:01	278:31:29	08:24:45	10:40:13	07:44:52
19:24	02:54:41	272:55:08	03:01:13	11:02:38	-02:04:25	278:32:10	08:24:44	10:40:13	07:45:22
19:25	02:40:53	272:55:24	03:00:57	11:02:40	-02:23:50	278:32:51	08:24:44	10:40:13	07:45:52
19:26	02:27:09	272:55:41	03:00:40	11:02:42	-02:43:47	278:33:33	08:24:43	10:40:13	07:46:22
19:27	02:13:30	272:55:58	03:00:24	11:02:44	-03:03:45	278:34:16	08:24:42	10:40:13	07:46:52
19:28	01:59:56	272:56:15	03:00:08	11:02:46	-03:23:22	278:34:59	08:24:41	10:40:14	07:47:23
19:29	01:46:28	272:56:32	02:59:51	11:02:48	-03:42:23	278:35:43	08:24:40	10:40:14	07:47:53
19:30	01:33:06	272:56:50	02:59:35	11:02:50	-04:00:46	278:36:27	08:24:39	10:40:14	07:48:23
19:31	01:19:52	272:57:07	02:59:19	11:02:52	-04:18:31	278:37:12	08:24:38	10:40:14	07:48:54
19:32	01:06:46	272:57:25	02:59:02	11:02:54	-04:35:43	287:37:58	08:24:37	10:40:14	07:49:24
19:33	00:53:50	272:57:43	02:58:46	11:02:56	-04:52:33	278:38:44	08:24:36	10:40:14	07:49:55
19:34	00:41:03	272:58:01	02:58:30	11:02:58	-05:08:26	278:39:31	08:24:35	10:40:14	07:50:25
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19:38	-00:08:30	272:59:16	02:57:25	11:03:06	-06:07:42	278:42:44	08:24:32	10:40:15	07:52:28
19:39	-00:20:39	272:59:35	02:57:08	11:03:08	-06:22:32	278:43:34	08:24:31	10:40:15	07:52:59
19:40	-00:32:55	272:59:54	02:56:52	11:03:10	-06:37:21	278:44:25	08:24:30	10:40:15	07:53:29

Rumusan

Ketika ghurub matahari pada 19:17 umur hilal 15jam 18 minit 13 saat, altitudnya 04° 27' 18" di atas ufuk dan elongasi 07° 42' 04".

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 °C	
Kelembapan (%)	
Tekanan Udara	
Kelajuan Angin	
Peralatan	

Data disediakan oleh:

Data disemak oleh:

Tandatangan pencerap,
