

KOMPLEKS FALAK AL- KHAWARIZMI
JABATAN MUFTI NEGERI MELAKA
 Data rukyah Hilal : MUHARRAM 1428 H

Latitud : 02° 17' 39"
 Longitud : 102° 05' 06"
 Elevasi : 38.934m
 Tarikh Ijtimak : 19 Januari 2007
 Waktu Ijtimak : 12:01:45

Tarikh Rukyah : 19 Januari 2007

Parameter hilal ketika ghurub Matahari

	Matahari	Bulan
Terbit	7:21:08	7:18:43
Ghurub	19:23:19	19:39:28

	Hilal	Matahari
Altitud	02° 46' 16"	-00° 24' 59"
Azimuth	246° 49' 04"	249° 39' 44"
Elongasi	04° 33' 50"	
Umur	7h 22m	

"Best time" 19:30:30

Altitud Hilal -00° 33' 47"

Data-data kedudukan Bulan dan Matahari

Masa	Bulan				Matahari				Elongasi
	Alt	Azi	Dek	RA	Alt	Azi	Dek	RA	
18:00	20:50:13	243:52:34	-23:24:03	20:17:26	18:25:10	247:38:35	-20:22:26	20:04:17	04:17:49
18:10	18:40:22	244:23:47	-23:21:25	20:17:46	16:06:49	248:02:10	-20:22:21	20:04:19	04:19:09
18:15	17:35:17	244:38:14	-23:20:06	20:17:57	14:57:32	248:12:56	-20:22:18	20:04:20	04:19:53
18:16	17:22:15	244:41:02	-23:19:50	20:17:59	14:43:41	248:15:00	-20:22:17	20:04:20	04:20:02
18:17	17:09:13	244:43:49	-23:19:34	20:18:01	14:29:49	248:17:03	-20:22:17	20:04:20	04:20:11
18:18	16:56:11	244:46:33	-23:19:18	20:18:03	14:15:57	248:19:04	-20:22:16	20:04:20	04:20:20
18:19	16:43:09	244:49:16	-23:19:02	20:18:05	14:02:05	248:21:04	-20:22:16	20:04:20	04:20:29
18:20	16:30:06	244:51:57	-23:18:46	20:18:07	13:48:13	248:23:02	-20:22:15	20:04:20	04:20:38
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Masa	Bulan				Matahari				Elongasi
	Alt	Azi	Dek	RA	Alt	Azi	Dek	RA	
19:00	07:47:07	246:17:19	-23:08:04	20:19:34	04:35:12	249:21:58	-20:21:54	20:04:27	04:28:11
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19:24	02:37:41	246:49:48	-23:01:34	20:20:30	-00:33:07	249:40:05	-20:21:41	20:04:32	04:34:01
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19:41	-00:42:24	247:05:03	-22:56:57	20:21:11	-05:10:44	249:45:28	-20:21:32	20:04:35	04:38:46

Rumusan

Ketika ghurub matahari pada 19:23:19 ptg umur hilal 7h 22m, altitudnya 2° 46' 16" dan elongasinya 04°33' 50" di atas ufuk. Hilal telah memenuhi kriteria imkanurukyah

Keputusan

keputusan	Mata	Binokular	Teleskop	Tedeolite
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