

KOMPLEKS FALAK AL-KHAWARIZMI
JABATAN MUFTI NEGERI MELAKA
Data rukyah Hilal : Jamadilakhir 1430H / 2009

Latitud: 02d 17m 38s

Longitud : 102d 05m 07s

Elevasi : 38.934m

Tarikh Ijtimak : 24 Mei 2009

Waktu Ijtimak : 20:12:07

Tarikh Rukyah : 25 Mei 2009

Parameter hilal ketika ghurub Matahari

	Matahari	Bulan
Terbit	7:00:38	7:29:05
Ghurub	19:16:34	20:11:21

	Hilal	Matahari
Altitud	10:46:54	-0:25:00
Azimuth	296:30:09	291:05:05
Elongasi	12d 54m 57s	
Umur	0D 23H 4M	

"Best time" 19:40:55

Altitud Hilal 7:09:48

Data-data kedudukan Bulan dan Matahari

Masa	Bulan				Matahari				Elongasi
	Alt	Azi	Dek	RA	Alt	Azi	Dek	RA	
18:00	27:04:03	298:49:28	26:33:53	4:57:50	16:52:13	291:16:20	21:00:37	4:09:25	12:22:51
18:10	24:57:19	298:20:40	26:33:07	4:58:12	14:32:59	291:07:12	21:00:41	4:09:27	12:26:44
18:15	23:53:46	298:07:36	26:32:44	4:58:23	13:23:22	291:03:33	21:00:43	4:09:27	12:28:42
18:20	22:50:08	297:55:25	26:32:20	4:58:35	12:13:47	291:00:29	21:00:45	4:09:28	12:30:42
18:25	21:46:25	297:44:03	26:31:55	4:58:46	11:04:15	290:58:01	21:00:47	4:09:29	12:32:43
18:30	20:42:37	297:33:29	26:31:31	4:58:58	9:54:46	290:56:07	21:00:50	4:09:30	12:34:45
18:35	19:38:46	297:23:43	26:31:06	4:59:10	8:45:24	290:54:47	21:00:52	4:09:31	12:36:49
18:40	18:34:51	297:14:42	26:30:40	4:59:22	7:36:11	290:54:01	21:00:54	4:09:32	12:38:55
18:45	17:30:54	297:06:25	26:30:14	4:59:34	6:27:11	290:53:48	21:00:56	4:09:32	12:41:01
18:50	16:26:54	296:58:52	26:29:48	4:59:46	5:18:31	290:54:08	21:00:58	4:09:33	12:43:10
18:55	15:22:54	296:52:01	26:29:22	4:59:58	4:10:21	290:55:01	21:01:00	4:09:34	12:45:20
19:00	14:18:53	296:45:51	26:28:56	5:00:10	3:02:59	290:56:27	21:01:02	4:09:35	12:47:31
19:05	13:14:52	296:40:21	26:28:29	5:00:23	1:57:00	290:58:26	21:01:05	4:09:36	12:49:44
19:10	12:10:52	296:35:31	26:28:02	5:00:36	0:53:24	291:00:57	21:01:07	4:09:37	12:51:58
19:15	11:06:54	296:31:20	26:27:34	5:00:48	-0:06:40	291:04:01	21:01:09	4:09:38	12:54:14
19:16	10:54:07	296:30:35	26:27:29	5:00:51	-0:18:23	291:04:41	21:01:09	4:09:38	12:54:42
19:17	10:41:20	296:29:50	26:27:23	5:00:53	-0:30:09	291:05:23	21:01:10	4:09:38	12:55:09
19:18	10:28:33	296:29:08	26:27:18	5:00:56	-0:42:10	291:06:07	21:01:10	4:09:38	12:55:37
19:19	10:15:46	296:28:27	26:27:12	5:00:58	-0:54:39	291:06:51	21:01:11	4:09:38	12:56:04
19:20	10:03:00	296:27:47	26:27:07	5:01:01	-1:07:52	291:07:37	21:01:11	4:09:38	12:56:32
19:21	9:50:14	296:27:09	26:27:01	5:01:04	-1:22:07	291:08:25	21:01:11	4:09:39	12:56:59
19:22	9:37:28	296:26:33	26:26:56	5:01:06	-1:37:35	291:09:14	21:01:12	4:09:39	12:57:27
19:23	9:24:42	296:25:58	26:26:50	5:01:09	-1:54:18	291:10:04	21:01:12	4:09:39	12:57:55
19:24	9:11:56	296:25:24	26:26:45	5:01:11	-2:12:07	291:10:55	21:01:13	4:09:39	12:58:23
19:25	8:59:11	296:24:52	26:26:39	5:01:14	-2:30:40	291:11:48	21:01:13	4:09:39	12:58:51
19:26	8:46:26	296:24:22	26:26:33	5:01:17	-2:49:31	291:12:42	21:01:14	4:09:39	12:59:19
19:27	8:33:41	296:23:53	26:26:28	5:01:19	-3:08:16	291:13:37	21:01:14	4:09:40	12:57:47
19:28	8:28:57	296:23:25	26:26:22	5:01:22	-3:26:39	291:14:34	21:01:14	4:09:40	13:00:15
19:29	8:08:13	296:22:59	26:26:17	5:01:24	-3:44:30	291:15:32	21:01:15	4:09:40	13:00:43
19:30	7:55:29	296:22:34	26:26:11	5:01:27	-4:01:46	291:16:31	21:01:15	4:09:40	13:01:12
19:31	7:42:46	296:22:11	26:26:05	5:01:30	-4:18:28	291:17:32	21:01:16	4:09:40	13:01:40
19:32	7:30:03	296:21:50	26:26:00	5:01:32	-4:34:42	291:18:34	21:01:16	4:09:40	13:02:08
19:33	7:17:21	296:21:29	26:25:24	5:01:35	-4:50:34	291:19:37	21:01:17	4:09:41	13:02:37
19:34	7:04:39	296:21:11	26:25:49	5:01:38	-5:05:48	291:20:42	21:01:17	4:09:41	13:03:06
19:35	6:51:58	296:20:53	26:25:43	5:01:40	-5:19:46	291:21:48	21:01:17	4:09:41	13:03:34
19:36	6:39:17	296:20:38	26:25:37	5:01:43	-5:33:43	291:22:56	21:01:18	4:09:41	13:04:03
19:37	6:26:37	296:20:23	26:25:32	5:01:46	-5:47:40	291:24:05	21:01:18	4:09:41	13:04:32
19:38	6:13:58	296:20:10	26:25:26	5:01:48	-6:01:37	291:25:15	21:01:19	4:09:41	13:05:00
19:39	6:01:19	296:19:59	26:25:20	5:01:51	-6:15:34	291:26:26	21:01:19	4:09:42	13:05:29
19:40	5:48:41	296:19:49	26:25:15	5:01:54	-6:29:31	291:27:39	21:01:20	4:09:42	13:05:58

Data-data kedudukan Bulan dan Matahari

Masa	Bulan				Matahari				Elongasi
	Alt	Azi	Dek	RA	Alt	Azi	Dek	RA	
19:41	5:36:05	296:19:40	26:25:09	5:01:56	-6:43:28	291:28:54	21:01:20	4:09:42	13:06:27
19:42	5:23:28	296:19:33	26:25:03	5:01:59	-6:57:25	291:30:10	21:01:20	4:09:42	13:06:56
19:43	5:10:53	296:19:27	26:24:58	5:02:02	-7:11:21	291:31:27	21:01:21	4:09:42	13:07:25
19:44	4:58:19	296:19:23	26:24:52	5:02:04	-7:25:18	291:32:46	21:01:21	4:09:42	13:07:55
19:45	4:45:47	296:19:20	26:24:46	5:02:07	-7:39:14	291:34:06	21:01:22	4:09:43	13:08:24
19:46	4:33:15	296:19:19	26:24:41	5:02:10	-7:53:10	291:35:27	21:01:22	4:09:43	13:08:53
19:47	4:20:45	296:19:19	26:24:35	5:02:12	-8:07:06	291:36:50	21:01:23	4:09:43	13:09:23
19:48	4:08:16	296:19:20	26:24:29	5:02:15	-8:21:02	291:38:14	21:01:23	4:09:43	13:09:52
19:49	3:55:50	296:19:23	26:24:24	5:02:18	-8:34:58	291:39:40	21:01:23	4:09:43	13:10:22
19:50	3:43:24	296:19:28	26:24:18	5:02:20	-8:48:53	291:41:07	21:01:24	4:09:43	13:10:51
19:51	3:31:01	296:19:34	26:24:12	5:02:23	-9:02:49	291:42:35	21:01:24	4:09:44	13:11:21
19:52	3:18:41	296:19:41	26:24:06	5:02:26	-9:16:44	291:44:05	21:01:25	4:09:44	13:11:54
19:53	3:06:22	296:19:49	26:24:01	5:02:29	-9:30:39	291:45:37	21:01:25	4:09:44	13:12:20
19:54	2:54:06	296:19:59	26:23:55	5:02:31	-9:44:34	291:47:10	21:01:26	4:09:44	13:12:50
19:55	2:41:53	296:20:11	26:23:49	5:02:34	-9:58:29	291:48:44	21:01:26	4:09:44	13:13:20
19:56	2:29:44	296:20:24	26:23:43	5:02:37	-10:12:24	291:50:20	21:01:26	4:09:44	13:13:50
19:57	2:17:38	296:20:38	26:23:38	5:02:40	-10:26:18	291:51:57	21:01:27	4:09:45	13:14:20
19:58	2:05:36	296:20:54	26:23:32	5:02:42	-10:40:13	291:53:36	21:01:27	4:09:45	13:14:50
19:59	1:53:39	296:21:11	26:23:26	5:02:45	-10:54:07	291:55:16	21:01:28	4:09:45	13:15:21
20:00	1:41:46	296:21:30	26:23:20	5:02:48	-11:08:01	291:56:57	21:01:28	4:09:45	13:15:51
20:05	0:43:56	296:23:24	26:22:52	5:03:02	-12:17:29	292:05:48	21:01:30	4:09:46	13:18:23
20:10	-0:10:51	296:25:54	26:22:23	5:03:16	-13:26:52	292:15:18	21:01:32	4:09:47	13:20:57
20:15	-1:07:07	296:28:59	26:21:54	5:03:30	-14:36:10	292:25:26	21:01:35	4:09:48	13:23:33
20:20	-2:21:54	296:32:41	26:21:25	5:03:44	-15:45:23	292:36:15	21:01:37	4:09:49	13:26:10
20:25	-3:46:30	296:36:58	26:20:56	5:03:58	-16:54:31	292:47:45	21:01:39	4:09:49	13:28:49
20:30	-5:01:33	296:41:51	26:20:27	5:04:13	-18:03:32	292:59:57	21:01:41	4:09:50	13:31:30

Rumusan

Ketika ghurub matahari pada 19:16:34 umur hilal 0D 21H 48M dan altitudnya 10d 46m 54s di atas ufuk dan elongasi 12d 54m 57s. Hilal telah memenuhi kriteria Imkanurukyah

Keputusan

	Mata	Binokular	Teleskop
Kelihatan			
Tak Kelihatan			

Waktu mula kelihatan	Lama kelihatan

Data Tambahan Ketika Matahari Ghurub

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

Data disediakan oleh:
 Helmee bin Mazalan
 Pem. Hal Ehwal Islam

Data disemak oleh:
 Dr(H)Hj Kassim bin Hj Bahali
 Pegawai Hal Ehwal Islam

Tandatangan pencerap,
