



JABATAN UKUR DAN PEMETAAN MALAYSIA (JUPEM)
Bahagian Ukur Geodetik



DATA RUKYAH MATAHARI DAN BULAN
Balai Cerap Al-Khawarizmi, Tg. Bidara, Melaka
[2°17'38" U, 102°5'0" T, 25 m]
Terbias
Delta T 74.5 saat

Bulan Terbenam : 20:08:00			23/09/2025	Matahari Terbenam : 19:08:00		
Umur Hilal : 40j 14m				Ijtimak : 03:54 (2025-9-22)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
23/09/2025	18:08	27° 46' 43"	257° 38' 07"	14° 02' 13"	269° 09' 54"	17° 27' 50"
23/09/2025	18:09	27° 32' 21"	257° 40' 08"	13° 47' 17"	269° 10' 32"	17° 28' 11"
23/09/2025	18:10	27° 18' 00"	257° 42' 07"	13° 32' 22"	269° 11' 11"	17° 28' 32"
23/09/2025	18:11	27° 03' 39"	257° 44' 06"	13° 17' 27"	269° 11' 49"	17° 28' 53"
23/09/2025	18:12	26° 49' 17"	257° 46' 03"	13° 02' 32"	269° 12' 27"	17° 29' 15"
23/09/2025	18:13	26° 34' 56"	257° 47' 59"	12° 47' 38"	269° 13' 04"	17° 29' 36"
23/09/2025	18:14	26° 20' 35"	257° 49' 53"	12° 32' 43"	269° 13' 42"	17° 29' 57"
23/09/2025	18:15	26° 06' 13"	257° 51' 47"	12° 17' 49"	269° 14' 20"	17° 30' 18"
23/09/2025	18:16	25° 51' 52"	257° 53' 39"	12° 02' 55"	269° 14' 57"	17° 30' 39"
23/09/2025	18:17	25° 37' 30"	257° 55' 31"	11° 48' 01"	269° 15' 35"	17° 31' 01"
23/09/2025	18:18	25° 23' 09"	257° 57' 21"	11° 33' 07"	269° 16' 12"	17° 31' 22"
23/09/2025	18:19	25° 08' 47"	257° 59' 10"	11° 18' 14"	269° 16' 50"	17° 31' 44"
23/09/2025	18:20	24° 54' 26"	258° 00' 57"	11° 03' 20"	269° 17' 27"	17° 32' 05"
23/09/2025	18:21	24° 40' 05"	258° 02' 44"	10° 48' 27"	269° 18' 04"	17° 32' 27"
23/09/2025	18:22	24° 25' 43"	258° 04' 30"	10° 33' 35"	269° 18' 41"	17° 32' 48"
23/09/2025	18:23	24° 11' 22"	258° 06' 14"	10° 18' 42"	269° 19' 18"	17° 33' 10"
23/09/2025	18:24	23° 57' 00"	258° 07' 58"	10° 03' 50"	269° 19' 55"	17° 33' 31"
23/09/2025	18:25	23° 42' 39"	258° 09' 40"	09° 48' 58"	269° 20' 32"	17° 33' 53"
23/09/2025	18:26	23° 28' 17"	258° 11' 21"	09° 34' 06"	269° 21' 09"	17° 34' 15"
23/09/2025	18:27	23° 13' 56"	258° 13' 01"	09° 19' 15"	269° 21' 45"	17° 34' 36"
23/09/2025	18:28	22° 59' 34"	258° 14' 40"	09° 04' 25"	269° 22' 22"	17° 34' 58"
23/09/2025	18:29	22° 45' 13"	258° 16' 19"	08° 49' 34"	269° 22' 59"	17° 35' 20"
23/09/2025	18:30	22° 30' 52"	258° 17' 56"	08° 34' 44"	269° 23' 35"	17° 35' 42"
23/09/2025	18:31	22° 16' 30"	258° 19' 32"	08° 19' 55"	269° 24' 12"	17° 36' 04"
23/09/2025	18:32	22° 02' 09"	258° 21' 07"	08° 05' 06"	269° 24' 48"	17° 36' 26"
23/09/2025	18:33	21° 47' 47"	258° 22' 41"	07° 50' 17"	269° 25' 24"	17° 36' 48"
23/09/2025	18:34	21° 33' 26"	258° 24' 14"	07° 35' 30"	269° 26' 01"	17° 37' 10"
23/09/2025	18:35	21° 19' 05"	258° 25' 46"	07° 20' 42"	269° 26' 37"	17° 37' 32"
23/09/2025	18:36	21° 04' 43"	258° 27' 17"	07° 05' 56"	269° 27' 13"	17° 37' 54"
23/09/2025	18:37	20° 50' 22"	258° 28' 47"	06° 51' 10"	269° 27' 49"	17° 38' 16"
23/09/2025	18:38	20° 36' 01"	258° 30' 16"	06° 36' 25"	269° 28' 25"	17° 38' 39"

Sumber : Perisian AIMS JUPEM



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Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
23/09/2025	18:39	20° 21' 40"	258° 31' 45"	06° 21' 41"	269° 29' 01"	17° 39' 01"
23/09/2025	18:40	20° 07' 19"	258° 33' 12"	06° 06' 58"	269° 29' 37"	17° 39' 23"
23/09/2025	18:41	19° 52' 57"	258° 34' 38"	05° 52' 16"	269° 30' 13"	17° 39' 46"
23/09/2025	18:42	19° 38' 36"	258° 36' 03"	05° 37' 35"	269° 30' 49"	17° 40' 08"
23/09/2025	18:43	19° 24' 15"	258° 37' 28"	05° 22' 56"	269° 31' 24"	17° 40' 31"
23/09/2025	18:44	19° 09' 54"	258° 38' 51"	05° 08' 17"	269° 32' 00"	17° 40' 53"
23/09/2025	18:45	18° 55' 33"	258° 40' 14"	04° 53' 40"	269° 32' 36"	17° 41' 16"
23/09/2025	18:46	18° 41' 13"	258° 41' 36"	04° 39' 05"	269° 33' 11"	17° 41' 38"
23/09/2025	18:47	18° 26' 52"	258° 42' 57"	04° 24' 32"	269° 33' 47"	17° 42' 01"
23/09/2025	18:48	18° 12' 31"	258° 44' 16"	04° 10' 01"	269° 34' 22"	17° 42' 23"
23/09/2025	18:49	17° 58' 10"	258° 45' 35"	03° 55' 32"	269° 34' 58"	17° 42' 46"
23/09/2025	18:50	17° 43' 50"	258° 46' 54"	03° 41' 06"	269° 35' 33"	17° 43' 09"
23/09/2025	18:51	17° 29' 29"	258° 48' 11"	03° 26' 42"	269° 36' 09"	17° 43' 32"
23/09/2025	18:52	17° 15' 08"	258° 49' 27"	03° 12' 22"	269° 36' 44"	17° 43' 55"
23/09/2025	18:53	17° 00' 48"	258° 50' 43"	02° 58' 05"	269° 37' 20"	17° 44' 18"
23/09/2025	18:54	16° 46' 28"	258° 51' 57"	02° 43' 53"	269° 37' 55"	17° 44' 41"
23/09/2025	18:55	16° 32' 07"	258° 53' 11"	02° 29' 44"	269° 38' 30"	17° 45' 04"
23/09/2025	18:56	16° 17' 47"	258° 54' 24"	02° 15' 41"	269° 39' 05"	17° 45' 27"
23/09/2025	18:57	16° 03' 27"	258° 55' 36"	02° 01' 44"	269° 39' 41"	17° 45' 50"
23/09/2025	18:58	15° 49' 07"	258° 56' 47"	01° 47' 53"	269° 40' 16"	17° 46' 13"
23/09/2025	18:59	15° 34' 47"	258° 57' 58"	01° 34' 10"	269° 40' 51"	17° 46' 36"
23/09/2025	19:00	15° 20' 27"	258° 59' 07"	01° 20' 35"	269° 41' 26"	17° 46' 59"
23/09/2025	19:01	15° 06' 07"	259° 00' 16"	01° 07' 09"	269° 42' 01"	17° 47' 22"
23/09/2025	19:02	14° 51' 48"	259° 01' 24"	00° 53' 53"	269° 42' 36"	17° 47' 46"
23/09/2025	19:03	14° 37' 28"	259° 02' 31"	00° 40' 48"	269° 43' 12"	17° 48' 09"
23/09/2025	19:04	14° 23' 09"	259° 03' 38"	00° 27' 54"	269° 43' 47"	17° 48' 33"
23/09/2025	19:05	14° 08' 50"	259° 04' 43"	00° 15' 12"	269° 44' 22"	17° 48' 56"
23/09/2025	19:06	13° 54' 31"	259° 05' 48"	00° 02' 39"	269° 44' 57"	17° 49' 20"
23/09/2025	19:07	13° 40' 12"	259° 06' 52"	-00° 09' 47"	269° 45' 32"	17° 49' 43"
23/09/2025	19:08	13° 25' 53"	259° 07' 55"	-00° 22' 14"	269° 46' 07"	17° 50' 07"
23/09/2025	19:09	13° 11' 34"	259° 08' 58"	-00° 34' 51"	269° 46' 42"	17° 50' 30"

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Umur Hilal : 40j 14m				Ijtimak : 03:54 (2025-9-22)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
23/09/2025	19:10	12° 57' 16"	259° 09' 59"	-00° 47' 54"	269° 47' 17"	17° 50' 54"
23/09/2025	19:11	12° 42' 57"	259° 11' 00"	-01° 01' 44"	269° 47' 52"	17° 51' 18"
23/09/2025	19:12	12° 28' 39"	259° 12' 00"	-01° 16' 42"	269° 48' 27"	17° 51' 42"
23/09/2025	19:13	12° 14' 21"	259° 12' 59"	-01° 33' 07"	269° 49' 02"	17° 52' 05"
23/09/2025	19:14	12° 00' 03"	259° 13' 58"	-01° 51' 04"	269° 49' 36"	17° 52' 29"
23/09/2025	19:15	11° 45' 46"	259° 14' 56"	-02° 10' 22"	269° 50' 11"	17° 52' 53"
23/09/2025	19:16	11° 31' 29"	259° 15' 53"	-02° 30' 32"	269° 50' 46"	17° 53' 17"
23/09/2025	19:17	11° 17' 11"	259° 16' 49"	-02° 51' 03"	269° 51' 21"	17° 53' 41"
23/09/2025	19:18	11° 02' 55"	259° 17' 44"	-03° 11' 24"	269° 51' 56"	17° 54' 05"
23/09/2025	19:19	10° 48' 38"	259° 18' 39"	-03° 31' 14"	269° 52' 31"	17° 54' 29"
23/09/2025	19:20	10° 34' 22"	259° 19' 33"	-03° 50' 23"	269° 53' 06"	17° 54' 53"
23/09/2025	19:21	10° 20' 05"	259° 20' 27"	-04° 08' 51"	269° 53' 41"	17° 55' 18"
23/09/2025	19:22	10° 05' 50"	259° 21' 19"	-04° 26' 40"	269° 54' 16"	17° 55' 42"
23/09/2025	19:23	09° 51' 34"	259° 22' 11"	-04° 43' 58"	269° 54' 51"	17° 56' 06"
23/09/2025	19:24	09° 37' 19"	259° 23' 02"	-05° 01' 25"	269° 55' 26"	17° 56' 31"
23/09/2025	19:25	09° 23' 04"	259° 23' 53"	-05° 16' 28"	269° 56' 01"	17° 56' 55"
23/09/2025	19:26	09° 08' 50"	259° 24' 42"	-05° 32' 48"	269° 56' 36"	17° 57' 19"
23/09/2025	19:27	08° 54' 36"	259° 25' 31"	-05° 48' 41"	269° 57' 11"	17° 57' 44"
23/09/2025	19:28	08° 40' 22"	259° 26' 19"	-06° 04' 20"	269° 57' 46"	17° 58' 08"
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23/09/2025	19:32	07° 43' 33"	259° 29' 25"	-07° 05' 40"	270° 00' 06"	17° 59' 47"
23/09/2025	19:33	07° 29' 22"	259° 30' 10"	-07° 20' 49"	270° 00' 41"	18° 00' 12"
23/09/2025	19:34	07° 15' 12"	259° 30' 54"	-07° 35' 55"	270° 01' 16"	18° 00' 37"
23/09/2025	19:35	07° 01' 02"	259° 31' 37"	-07° 50' 58"	270° 01' 51"	18° 01' 02"
23/09/2025	19:36	06° 46' 53"	259° 32' 20"	-08° 06' 00"	270° 02' 26"	18° 01' 26"
23/09/2025	19:37	06° 32' 45"	259° 33' 02"	-08° 21' 00"	270° 03' 01"	18° 01' 51"
23/09/2025	19:38	06° 18' 38"	259° 33' 43"	-08° 35' 59"	270° 03' 36"	18° 02' 16"
23/09/2025	19:39	06° 04' 32"	259° 34' 24"	-08° 50' 58"	270° 04' 12"	18° 02' 42"
23/09/2025	19:40	05° 50' 26"	259° 35' 04"	-09° 05' 56"	270° 04' 47"	18° 03' 07"

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Balai Cerap Al-Khawarizmi, Tg. Bidara, Melaka
[2°17'38" U, 102°5'0" T, 25 m]
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Bulan Terbenam : 20:08:00			23/09/2025	Matahari Terbenam : 19:08:00		
Umur Hilal : 40j 14m				Ijtimak : 03:54 (2025-9-22)		
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23/09/2025	19:41	05° 36' 22"	259° 35' 43"	-09° 20' 53"	270° 05' 22"	18° 03' 32"
23/09/2025	19:42	05° 22' 19"	259° 36' 21"	-09° 35' 49"	270° 05' 57"	18° 03' 57"
23/09/2025	19:43	05° 08' 18"	259° 36' 59"	-09° 50' 46"	270° 06' 33"	18° 04' 22"
23/09/2025	19:44	04° 54' 17"	259° 37' 36"	-10° 05' 42"	270° 07' 08"	18° 04' 48"
23/09/2025	19:45	04° 40' 19"	259° 38' 13"	-10° 20' 38"	270° 07' 43"	18° 05' 13"
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23/09/2025	19:48	03° 58' 34"	259° 39' 58"	-11° 05' 25"	270° 09' 30"	18° 06' 29"
23/09/2025	19:49	03° 44' 43"	259° 40' 32"	-11° 20' 21"	270° 10' 05"	18° 06' 55"
23/09/2025	19:50	03° 30' 55"	259° 41' 05"	-11° 35' 17"	270° 10' 41"	18° 07' 20"
23/09/2025	19:51	03° 17' 10"	259° 41' 38"	-11° 50' 12"	270° 11' 17"	18° 07' 46"
23/09/2025	19:52	03° 03' 28"	259° 42' 10"	-12° 05' 08"	270° 11' 52"	18° 08' 12"
23/09/2025	19:53	02° 49' 50"	259° 42' 41"	-12° 20' 04"	270° 12' 28"	18° 08' 38"
23/09/2025	19:54	02° 36' 15"	259° 43' 12"	-12° 34' 59"	270° 13' 04"	18° 09' 03"
23/09/2025	19:55	02° 22' 45"	259° 43' 41"	-12° 49' 55"	270° 13' 40"	18° 09' 29"
23/09/2025	19:56	02° 09' 20"	259° 44' 11"	-13° 04' 51"	270° 14' 15"	18° 09' 55"
23/09/2025	19:57	01° 56' 01"	259° 44' 39"	-13° 19' 47"	270° 14' 51"	18° 10' 21"
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23/09/2025	20:02	00° 51' 16"	259° 46' 52"	-14° 34' 27"	270° 17' 52"	18° 12' 31"
23/09/2025	20:03	00° 38' 46"	259° 47' 17"	-14° 49' 24"	270° 18' 28"	18° 12' 58"
23/09/2025	20:04	00° 26' 27"	259° 47' 41"	-15° 04' 20"	270° 19' 04"	18° 13' 24"
23/09/2025	20:05	00° 14' 18"	259° 48' 04"	-15° 19' 16"	270° 19' 41"	18° 13' 50"
23/09/2025	20:06	00° 02' 18"	259° 48' 27"	-15° 34' 13"	270° 20' 17"	18° 14' 17"
23/09/2025	20:07	-00° 09' 37"	259° 48' 49"	-15° 49' 09"	270° 20' 54"	18° 14' 43"
23/09/2025	20:08	-00° 21' 31"	259° 49' 10"	-16° 04' 06"	270° 21' 30"	18° 15' 10"

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