



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 : 20:13:00			23/10/2025	Matahari Terbenam : 18:58:00		
Umur Hilal : 47j 48m				Ijtimak : 20:25 (2025-10-21)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
23/10/2025	17:58	28° 55' 21"	242° 28' 42"	13° 46' 26"	257° 30' 48"	20° 36' 54"
23/10/2025	17:59	28° 42' 20"	242° 32' 55"	13° 31' 52"	257° 32' 10"	20° 37' 12"
23/10/2025	18:00	28° 29' 19"	242° 37' 05"	13° 17' 18"	257° 33' 31"	20° 37' 30"
23/10/2025	18:01	28° 16' 18"	242° 41' 13"	13° 02' 44"	257° 34' 51"	20° 37' 48"
23/10/2025	18:02	28° 03' 16"	242° 45' 19"	12° 48' 10"	257° 36' 10"	20° 38' 06"
23/10/2025	18:03	27° 50' 14"	242° 49' 22"	12° 33' 36"	257° 37' 28"	20° 38' 24"
23/10/2025	18:04	27° 37' 11"	242° 53' 23"	12° 19' 03"	257° 38' 46"	20° 38' 42"
23/10/2025	18:05	27° 24' 08"	242° 57' 21"	12° 04' 29"	257° 40' 02"	20° 39' 00"
23/10/2025	18:06	27° 11' 05"	243° 01' 17"	11° 49' 56"	257° 41' 18"	20° 39' 18"
23/10/2025	18:07	26° 58' 01"	243° 05' 10"	11° 35' 23"	257° 42' 32"	20° 39' 37"
23/10/2025	18:08	26° 44' 57"	243° 09' 01"	11° 20' 50"	257° 43' 46"	20° 39' 55"
23/10/2025	18:09	26° 31' 53"	243° 12' 50"	11° 06' 17"	257° 44' 59"	20° 40' 13"
23/10/2025	18:10	26° 18' 48"	243° 16' 37"	10° 51' 44"	257° 46' 11"	20° 40' 31"
23/10/2025	18:11	26° 05' 43"	243° 20' 21"	10° 37' 11"	257° 47' 22"	20° 40' 50"
23/10/2025	18:12	25° 52' 37"	243° 24' 03"	10° 22' 39"	257° 48' 32"	20° 41' 08"
23/10/2025	18:13	25° 39' 32"	243° 27' 43"	10° 08' 07"	257° 49' 41"	20° 41' 26"
23/10/2025	18:14	25° 26' 25"	243° 31' 20"	09° 53' 35"	257° 50' 49"	20° 41' 45"
23/10/2025	18:15	25° 13' 19"	243° 34' 55"	09° 39' 03"	257° 51' 57"	20° 42' 03"
23/10/2025	18:16	25° 00' 12"	243° 38' 28"	09° 24' 32"	257° 53' 03"	20° 42' 22"
23/10/2025	18:17	24° 47' 05"	243° 41' 59"	09° 10' 01"	257° 54' 09"	20° 42' 40"
23/10/2025	18:18	24° 33' 58"	243° 45' 28"	08° 55' 30"	257° 55' 14"	20° 42' 59"
23/10/2025	18:19	24° 20' 50"	243° 48' 55"	08° 41' 00"	257° 56' 18"	20° 43' 18"
23/10/2025	18:20	24° 07' 42"	243° 52' 19"	08° 26' 30"	257° 57' 21"	20° 43' 36"
23/10/2025	18:21	23° 54' 34"	243° 55' 41"	08° 12' 00"	257° 58' 23"	20° 43' 55"
23/10/2025	18:22	23° 41' 25"	243° 59' 02"	07° 57' 31"	257° 59' 24"	20° 44' 14"
23/10/2025	18:23	23° 28' 16"	244° 02' 20"	07° 43' 03"	258° 00' 25"	20° 44' 33"
23/10/2025	18:24	23° 15' 07"	244° 05' 36"	07° 28' 34"	258° 01' 24"	20° 44' 52"
23/10/2025	18:25	23° 01' 57"	244° 08' 50"	07° 14' 07"	258° 02' 23"	20° 45' 10"
23/10/2025	18:26	22° 48' 48"	244° 12' 02"	06° 59' 40"	258° 03' 21"	20° 45' 29"
23/10/2025	18:27	22° 35' 38"	244° 15' 12"	06° 45' 14"	258° 04' 18"	20° 45' 48"
23/10/2025	18:28	22° 22' 27"	244° 18' 19"	06° 30' 48"	258° 05' 15"	20° 46' 07"

Sumber : Perisian AIMS JUPEM



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Bulan Terbenam : 20:13:00			23/10/2025	Matahari Terbenam : 18:58:00		
Umur Hilal : 47j 48m				Ijtimak : 20:25 (2025-10-21)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
23/10/2025	18:29	22° 09' 17"	244° 21' 25"	06° 16' 24"	258° 06' 10"	20° 46' 26"
23/10/2025	18:30	21° 56' 06"	244° 24' 29"	06° 02' 00"	258° 07' 05"	20° 46' 46"
23/10/2025	18:31	21° 42' 55"	244° 27' 31"	05° 47' 37"	258° 07' 59"	20° 47' 05"
23/10/2025	18:32	21° 29' 44"	244° 30' 31"	05° 33' 16"	258° 08' 52"	20° 47' 24"
23/10/2025	18:33	21° 16' 32"	244° 33' 29"	05° 18' 55"	258° 09' 44"	20° 47' 43"
23/10/2025	18:34	21° 03' 21"	244° 36' 25"	05° 04' 36"	258° 10' 35"	20° 48' 02"
23/10/2025	18:35	20° 50' 09"	244° 39' 20"	04° 50' 18"	258° 11' 26"	20° 48' 22"
23/10/2025	18:36	20° 36' 57"	244° 42' 12"	04° 36' 02"	258° 12' 16"	20° 48' 41"
23/10/2025	18:37	20° 23' 44"	244° 45' 02"	04° 21' 48"	258° 13' 05"	20° 49' 00"
23/10/2025	18:38	20° 10' 32"	244° 47' 51"	04° 07' 35"	258° 13' 53"	20° 49' 20"
23/10/2025	18:39	19° 57' 19"	244° 50' 38"	03° 53' 25"	258° 14' 40"	20° 49' 39"
23/10/2025	18:40	19° 44' 06"	244° 53' 22"	03° 39' 18"	258° 15' 27"	20° 49' 59"
23/10/2025	18:41	19° 30' 53"	244° 56' 05"	03° 25' 13"	258° 16' 13"	20° 50' 18"
23/10/2025	18:42	19° 17' 40"	244° 58' 47"	03° 11' 11"	258° 16' 58"	20° 50' 38"
23/10/2025	18:43	19° 04' 26"	245° 01' 26"	02° 57' 12"	258° 17' 42"	20° 50' 58"
23/10/2025	18:44	18° 51' 13"	245° 04' 03"	02° 43' 17"	258° 18' 25"	20° 51' 17"
23/10/2025	18:45	18° 37' 59"	245° 06' 39"	02° 29' 27"	258° 19' 08"	20° 51' 37"
23/10/2025	18:46	18° 24' 45"	245° 09' 13"	02° 15' 42"	258° 19' 50"	20° 51' 57"
23/10/2025	18:47	18° 11' 31"	245° 11' 45"	02° 02' 02"	258° 20' 31"	20° 52' 17"
23/10/2025	18:48	17° 58' 16"	245° 14' 16"	01° 48' 28"	258° 21' 11"	20° 52' 37"
23/10/2025	18:49	17° 45' 02"	245° 16' 44"	01° 35' 01"	258° 21' 50"	20° 52' 57"
23/10/2025	18:50	17° 31' 47"	245° 19' 11"	01° 21' 42"	258° 22' 29"	20° 53' 17"
23/10/2025	18:51	17° 18' 32"	245° 21' 37"	01° 08' 32"	258° 23' 07"	20° 53' 37"
23/10/2025	18:52	17° 05' 18"	245° 24' 00"	00° 55' 31"	258° 23' 44"	20° 53' 57"
23/10/2025	18:53	16° 52' 03"	245° 26' 22"	00° 42' 41"	258° 24' 21"	20° 54' 17"
23/10/2025	18:54	16° 38' 47"	245° 28' 42"	00° 30' 02"	258° 24' 56"	20° 54' 37"
23/10/2025	18:55	16° 25' 32"	245° 31' 00"	00° 17' 33"	258° 25' 31"	20° 54' 57"
23/10/2025	18:56	16° 12' 17"	245° 33' 17"	00° 05' 14"	258° 26' 05"	20° 55' 17"
23/10/2025	18:57	15° 59' 01"	245° 35' 32"	-00° 06' 58"	258° 26' 38"	20° 55' 38"
23/10/2025	18:58	15° 45' 46"	245° 37' 46"	-00° 19' 09"	258° 27' 11"	20° 55' 58"
23/10/2025	18:59	15° 32' 30"	245° 39' 57"	-00° 31' 26"	258° 27' 43"	20° 56' 18"

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Umur Hilal : 47j 48m				Ijtimak : 20:25 (2025-10-21)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
23/10/2025	19:00	15° 19' 14"	245° 42' 07"	-00° 44' 05"	258° 28' 14"	20° 56' 39"
23/10/2025	19:01	15° 05' 59"	245° 44' 16"	-00° 57' 22"	258° 28' 44"	20° 56' 59"
23/10/2025	19:02	14° 52' 43"	245° 46' 23"	-01° 11' 38"	258° 29' 13"	20° 57' 20"
23/10/2025	19:03	14° 39' 27"	245° 48' 28"	-01° 27' 13"	258° 29' 42"	20° 57' 40"
23/10/2025	19:04	14° 26' 11"	245° 50' 32"	-01° 44' 17"	258° 30' 10"	20° 58' 01"
23/10/2025	19:05	14° 12' 55"	245° 52' 34"	-02° 02' 43"	258° 30' 37"	20° 58' 22"
23/10/2025	19:06	13° 59' 39"	245° 54' 34"	-02° 22' 12"	258° 31' 04"	20° 58' 42"
23/10/2025	19:07	13° 46' 22"	245° 56' 33"	-02° 42' 14"	258° 31' 29"	20° 59' 03"
23/10/2025	19:08	13° 33' 06"	245° 58' 30"	-03° 02' 18"	258° 31' 54"	20° 59' 24"
23/10/2025	19:09	13° 19' 50"	246° 00' 26"	-03° 21' 59"	258° 32' 18"	20° 59' 45"
23/10/2025	19:10	13° 06' 34"	246° 02' 20"	-03° 41' 05"	258° 32' 42"	21° 00' 06"
23/10/2025	19:11	12° 53' 18"	246° 04' 13"	-03° 59' 31"	258° 33' 04"	21° 00' 27"
23/10/2025	19:12	12° 40' 02"	246° 06' 04"	-04° 17' 18"	258° 33' 26"	21° 00' 48"
23/10/2025	19:13	12° 26' 45"	246° 07' 53"	-04° 34' 30"	258° 33' 47"	21° 01' 09"
23/10/2025	19:14	12° 13' 29"	246° 09' 41"	-04° 51' 18"	258° 34' 07"	21° 01' 30"
23/10/2025	19:15	12° 00' 13"	246° 11' 28"	-05° 07' 59"	258° 34' 27"	21° 01' 51"
23/10/2025	19:16	11° 46' 57"	246° 13' 12"	-05° 22' 56"	258° 34' 46"	21° 02' 12"
23/10/2025	19:17	11° 33' 41"	246° 14' 56"	-05° 38' 43"	258° 35' 04"	21° 02' 33"
23/10/2025	19:18	11° 20' 25"	246° 16' 38"	-05° 54' 11"	258° 35' 21"	21° 02' 54"
23/10/2025	19:19	11° 07' 09"	246° 18' 18"	-06° 09' 28"	258° 35' 38"	21° 03' 16"
23/10/2025	19:20	10° 53' 53"	246° 19' 57"	-06° 24' 37"	258° 35' 53"	21° 03' 37"
23/10/2025	19:21	10° 40' 38"	246° 21' 35"	-06° 39' 39"	258° 36' 08"	21° 03' 59"
23/10/2025	19:22	10° 27' 22"	246° 23' 11"	-06° 54' 36"	258° 36' 23"	21° 04' 20"
23/10/2025	19:23	10° 14' 07"	246° 24' 45"	-07° 09' 28"	258° 36' 36"	21° 04' 42"
23/10/2025	19:24	10° 00' 51"	246° 26' 18"	-07° 24' 18"	258° 36' 49"	21° 05' 03"
23/10/2025	19:25	09° 47' 36"	246° 27' 50"	-07° 39' 05"	258° 37' 01"	21° 05' 25"
23/10/2025	19:26	09° 34' 21"	246° 29' 20"	-07° 53' 51"	258° 37' 12"	21° 05' 46"
23/10/2025	19:27	09° 21' 06"	246° 30' 48"	-08° 08' 34"	258° 37' 22"	21° 06' 08"
23/10/2025	19:28	09° 07' 52"	246° 32' 16"	-08° 23' 16"	258° 37' 32"	21° 06' 30"
23/10/2025	19:29	08° 54' 38"	246° 33' 41"	-08° 37' 58"	258° 37' 41"	21° 06' 52"
23/10/2025	19:30	08° 41' 24"	246° 35' 06"	-08° 52' 38"	258° 37' 49"	21° 07' 13"

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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 : 20:13:00			23/10/2025	Matahari Terbenam : 18:58:00		
Umur Hilal : 47j 48m				Ijtimak : 20:25 (2025-10-21)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
23/10/2025	19:31	08° 28' 10"	246° 36' 29"	-09° 07' 18"	258° 37' 56"	21° 07' 35"
23/10/2025	19:32	08° 14' 57"	246° 37' 50"	-09° 21' 57"	258° 38' 03"	21° 07' 57"
23/10/2025	19:33	08° 01' 44"	246° 39' 10"	-09° 36' 36"	258° 38' 09"	21° 08' 19"
23/10/2025	19:34	07° 48' 31"	246° 40' 29"	-09° 51' 15"	258° 38' 14"	21° 08' 41"
23/10/2025	19:35	07° 35' 19"	246° 41' 46"	-10° 05' 54"	258° 38' 18"	21° 09' 03"
23/10/2025	19:36	07° 22' 07"	246° 43' 02"	-10° 20' 32"	258° 38' 21"	21° 09' 26"
23/10/2025	19:37	07° 08' 55"	246° 44' 16"	-10° 35' 10"	258° 38' 24"	21° 09' 48"
23/10/2025	19:38	06° 55' 45"	246° 45' 29"	-10° 49' 48"	258° 38' 26"	21° 10' 10"
23/10/2025	19:39	06° 42' 34"	246° 46' 41"	-11° 04' 26"	258° 38' 27"	21° 10' 32"
23/10/2025	19:40	06° 29' 25"	246° 47' 51"	-11° 19' 04"	258° 38' 27"	21° 10' 55"
23/10/2025	19:41	06° 16' 16"	246° 49' 00"	-11° 33' 42"	258° 38' 27"	21° 11' 17"
23/10/2025	19:42	06° 03' 08"	246° 50' 08"	-11° 48' 20"	258° 38' 26"	21° 11' 40"
23/10/2025	19:43	05° 50' 00"	246° 51' 14"	-12° 02' 58"	258° 38' 23"	21° 12' 02"
23/10/2025	19:44	05° 36' 54"	246° 52' 18"	-12° 17' 36"	258° 38' 21"	21° 12' 25"
23/10/2025	19:45	05° 23' 48"	246° 53' 22"	-12° 32' 14"	258° 38' 17"	21° 12' 47"
23/10/2025	19:46	05° 10' 44"	246° 54' 24"	-12° 46' 52"	258° 38' 13"	21° 13' 10"
23/10/2025	19:47	04° 57' 41"	246° 55' 24"	-13° 01' 30"	258° 38' 07"	21° 13' 33"
23/10/2025	19:48	04° 44' 38"	246° 56' 24"	-13° 16' 08"	258° 38' 01"	21° 13' 55"
23/10/2025	19:49	04° 31' 38"	246° 57' 22"	-13° 30' 46"	258° 37' 54"	21° 14' 18"
23/10/2025	19:50	04° 18' 39"	246° 58' 18"	-13° 45' 25"	258° 37' 47"	21° 14' 41"
23/10/2025	19:51	04° 05' 41"	246° 59' 13"	-14° 00' 03"	258° 37' 38"	21° 15' 04"
23/10/2025	19:52	03° 52' 46"	247° 00' 07"	-14° 14' 41"	258° 37' 29"	21° 15' 27"
23/10/2025	19:53	03° 39' 52"	247° 01' 00"	-14° 29' 20"	258° 37' 19"	21° 15' 50"
23/10/2025	19:54	03° 27' 01"	247° 01' 51"	-14° 43' 58"	258° 37' 08"	21° 16' 13"
23/10/2025	19:55	03° 14' 12"	247° 02' 41"	-14° 58' 37"	258° 36' 56"	21° 16' 36"
23/10/2025	19:56	03° 01' 26"	247° 03' 29"	-15° 13' 15"	258° 36' 44"	21° 16' 59"
23/10/2025	19:57	02° 48' 43"	247° 04' 16"	-15° 27' 54"	258° 36' 30"	21° 17' 22"
23/10/2025	19:58	02° 36' 04"	247° 05' 02"	-15° 42' 33"	258° 36' 16"	21° 17' 46"

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